RADIO PARTS

ELECTRONICS & COMPONENTS



"No challenge too great or small,
we help provide the solution"

2019 CATALOGUE

RADIO PARTS
Electronics & Components

2019 CATALOGUE

Welcome to another Radio Parts catalogue! I hope you'll enjoy the read as much as I do each year.

In the last few years, our industry has been decimated by intensive competition, so 2018 has fortunately been a comparatively boring year. Having said that, there are loads of changes that are bubbling beneath the surface, so I wanted to briefly discuss these emerging changes, namely freight, online, GST and our viewing habits.

In 2019 Radio Parts and other industry players will move to web (.html) based freight systems. Through real-time communication with preferred couriers, we'll see faster and more economical freight. For products that don't require demonstrations or a touch-and-feel experience, we expect the trend towards online ordering to continue. This year we will also be launching an updated website. It'll be more mobile-friendly, easier to use filters and even feature some cool machine learning technologies to help with product selection.

From 1 July 2018, GST now applies to overseas vendors. The usual hyperbole preceded the changes, with people complaining that their product choice and prices would increase, but the reality was far less dire. Online transactions tend to occur on a platform like eBay or Amazon, who both promptly implemented workarounds. The furphy regarding the massive costs of collecting GST were migrated by the fact that they would collect GST on behalf of their vendors. The interesting, next step, will be whether they can force vendors to comply with local safety regulations, like RCM approvals. Safety standards are particularly important in areas like power supplies, where understandably, Australia is far more stringent.

Finally, viewing habits!

Free-to-air (FTA) TV is now potentially under threat. With the likes of Netflix and Foxtel now offering 4K [HDR], FTA TV needs to follow suit. If it doesn't, it's comparatively fuzzy and dull picture will make FTA appear unprofessional and irrelevant. The government trialled 4K broadcasting back in April and we're seeing the first TVs hit the market with 4K TV tuners, though the roadblock appears to be government. If the government sells off more TV spectrum and forces SBS and ABC on to one frequency, then you can say adiós to FTA 4K TV!

Foxtel by contrast is kicking goals with their new 4K box. The signal utilises HDMI's full 18Gbps, meaning it's far superior to streaming services that utilise a measly 15 to 25mpbs bandwidth. This is because Foxtel is moving to a satellite platform, as opposed to using Australia's lacklustre NBN.

It's all quite confusing, but rest assured, we have training every fortnight, so you're welcome to join us. If you're too busy, then ask our team for free advice.

Finally, a huge thank you to the team for compiling this catalogue and a huge thank you to James, who once again brought the catalogue together!



Michael SWANN
Sales Manager

INTRODUCTION
Welcome, Ways to Order, Shipping Information, Contents

CONSUMER ELECTRONICS
TVs, Media Players, Hi-Fi, Home Theatre, Speakers

AV ACCESSORIES
Multiroom AV, Headphones, Turntables, Stands & Brackets

PUBLIC ADDRESS
Amplifiers, Hearing Loops, Speakers, Mics, Mixers, Racks

TV ANTENNAS & ACCESSORIES
Masthead Amps, SMATV, Masts & Mounting

COMMUNICATIONS
CB Radios & Antennas, Vehicle Antennas, Telephones

SECURITY & INTERCOMS
CCTV Cameras, DVRs & NVRs, Alarm Systems, Access Control

APPLIANCES & LIGHTING
Clocks, Coolers, Lamps, Light fixtures, Globes, Torches

CABLES & CABLE ACCESSORIES
AV & TV Leads, Power & Appliance Leads, Rolls/Boxed

IT SUPPLIES
Storage Media, ADSL & Networking, USB Accessories

POWER
Batteries, Fuses, Power Supplies, UPS, Inverters, Solar

COMPONENTS
AV Adaptors, Wall Plates, Semiconductors & ICs

SERVICE
Chemicals & Glues, Soldering, Tools, Test Equipment

INDICES & APPENDICES
Products by Topic, Website Tips, Contact Details

1 **ONLINE**
www.radioparts.com.au

2 **IN STORE**
Visit our showroom for product demonstrations

3 **OVER THE PHONE**
Call us toll free on: 1800 337 366

4 **VIA EMAIL**
Send your POs to purchaseorders@radioparts.com.au

www.radioparts.com.au



In 2019 the Radio Parts website will receive a much-needed upgrade. A brand new design with modern features that work across all your different devices!

Here's a very short list of just some of the new features:

- **Responsive design** that works whether you are on your phone, tablet, or laptop.
- **Personalisation** – Grows with you and will start making suggestions customised just for you.
- **Easy checkout** options with PayPal Express and Guest Checkout
- **Buy Now - Pay Later** – for COD customers to make those big purchases easier to stomach!
- **Brand new customer dashboard** – to allow you to see all your orders, past and present, on-hold and more!

On top of the new features, you still get to enjoy a catalogue of over 9000 active products, exact quantities so you know not only if something is in stock or not, but exactly how many. And if you have a trade login, quantity prices breaks with heavily discounted trade prices!

TO OBTAIN ONLINE ACCESS

If you are an existing 30-day Account or Trade Card Holder and do not have an online login, simply fill out the online application form at **www.radioparts.com.au/online-access**.

DON'T HAVE A TRADE ACCOUNT?

If you meet the conditions and would like to apply for a 30-day account, you can do so via our website. If you would like to apply for a Radio Parts Trade Card, then simply fill out the form located at: **www.radioparts.com.au/tradecard**

All newly created accounts will have online access automatically setup!

PAYMENT OPTIONS

Whether you are paying online or in-store, we have a wealth of payment options to make it easy for you. Apart from the major credit cards, we also accept online B-PAY payments to pay off your 30 day account!

Since 2014, we have been utilising PayPal, making it easier and safer to process your payments using the world's most popular payment option.

NEW PAYMENT OPTIONS FOR 2019!

We are excited to offer Buy-Now Pay-Later payment options for COD orders in 2019. So look for one of these logos during checkout!

zip|pay zip|money

TRADE CARD



Enjoy all the benefits our account customers have enjoyed for so many years. The major difference between a Trade Card and 30-day account are the payment terms.

The Radio Parts Trade Card allows you to receive trade prices, with quantity price breaks, but is a cash account, whereas Account holders receive 30-day payment terms. There are no monthly or annual fees to become a Trade Card holder, the only condition to hold on to your card is to have an annual spending of $500 or more.

FREE INFORMATION SESSIONS



We aim to provide free fortnightly information sessions that establish a direct link between suppliers and customers. We have setup a training area providing the necessary tools to host such events and even started streaming sessions live on facebook!

You can find a tentative list of upcoming sessions at the back of this catalogue for 2019, or see an up to date list at: **www.radioparts.com.au/training**

SHOP IN STORE OR COME FOR A DEMO

We are conveniently located close to Melbourne CBD and yet able to provide ample parking both on and off site.

Having a 5 storey warehouse located in the same building means if you have come for a product demonstration and would like to leave with your shiny new purchase then you don't have to worry about the logistics.

Do you email purchase orders? Lucy | Let Lucy handle it

HOW DO YOU ORDER?



Whether you order online, via email, fax, over the phone or in person, the one thing we hate doing is making you wait or worse still, stuffing up your order! So now we're investing in some artificial intelligence called Lucy.

We like her and think you might like her too. She's kind of new, super fast and accurate. When you send a PDF PO to **purchaseorders@radioparts.com.au**, you can rest assured, Lucy is processing your order. So we expect that we can keep costs low and accuracy high, so your business remains successful!


Email us your PDF PO order


Lucy will process your order


Lucy works 24/7


Giving us more time to help with all your inquiries

more info at **radioparts.com.au/lucy**

EVEN MORE WAYS TO DELIVER IN 2019!

Our freight services below are subject to change in 2019 as we experiment with giving you the ability to choose from multiple carriers and options sometime in the new year. Be on the lookout for more savings and greater flexibility in choosing the carrier and freight method that works for you!

FREIGHT SERVICES FOR CASH/C.O.D. ORDERS

STANDARD ROAD FREIGHT & POST [PER 10KG]

Radio Parts delivers goods via road freight to all destinations in Australia. This method will automatically be selected unless another method is specifically requested. Orders greater than 10kg can be charged by the rates below [per 10kg]. Customers will be contacted in these instances for further payment. All areas described below are determined by our freight handlers guidelines and zoning including metro areas of capital cities.

Capital City Metro Areas (Except Darwin & Perth)	$10	Includes some capital cities surrounding towns, including the Sunshine and Gold coasts, Newcastle and Wollongong areas.
Victoria Country, Tasmania	$10	Includes some towns near the Victorian border, including Albury, Wagga Wagga and Mt Gambier.
NSW, SA, ACT, Perth	$15	
QLD	$20	
WA Country, NT	$30	

FREIGHT SERVICES FOR 30-DAY ACCOUNT HOLDERS

Prices quoted are ex-store and delivery costs are payable by the purchaser. Radio Parts delivers goods via road freight to all destinations in Australia. This method will automatically be selected unless you choose another method. Customers with specific carrier choice and special delivery instructions must clearly state these on orders.

ROAD FREIGHT & POST

Australia Wide (Except WA Country And All NT)	
Up to 5kg	$10
5kg to 15kg	$15
15kg or more	$1 per kg
Western Australia Country And All Northern Territory	
Up to 5kg	$30
5kg to 15kg	$45
15kg or more	$3 per kg

PREMIUM AIR SATCHELS & CARTONS

Satchels are available up to 5kg and cartons of 10, and 20kg. This delivery method is not available to Victorian destinations. Overnight Satchels (up to 5kg) to the NT, including Darwin will incur a surcharge of $30. Overnight deliveries to Sydney, Brisbane, Adelaide and Perth are scheduled to be delivered by 10.30am. Orders larger or heavier than 20kg will automatically be sent by Road Freight. Customers will be contacted in any instances where priority air satchels are not permitted or further payments or refunds are required.



5kg Satchel	$15	Dimensions: 54.5 (W) x 45.5 (H) cm Add a surcharge of $30 for NT.
10kg Carton	$40	Dimensions: 37.5 (W) x 29.5 (H) x 42.5 (D) cm
20kg Carton	$80	Dimensions: 50 (W) x 39.5 (H) x 48 (D) cm

MELBOURNE METROPOLITAN CUSTOMERS ONLY

All road freight and post orders over the value of $99 will be dispatched free of freight charges. Melbourne Metro destinations are defined using our chosen freight forwarder.

MELBOURNE COURIER SERVICES (BY PHONE ONLY) [PER 25KG]

Standard Courier	$15	Orders must be placed by phone. Same day for orders placed by before 10am, Next day for orders placed after 10am.
4 hour Courier	$20	Orders must be placed by phone from 8am-2pm.
Immediate Courier	$30	Orders must be placed by phone from 8am-4pm. Only available for some inner metro areas.

FREE FREIGHT
Melbourne metro orders over $99

SAME DAY DELIVERY
Melbourne metro orders placed before 10am

12 MAJOR AND OVER 700 SUB CATEGORIES

CONSUMER ELECTRONICS 13

TELEVISIONS 13

PROJECTORS 14

PORTABLE / DATA PROJECTORS 14
HOME THEATRE PROJECTORS 14
SHORT-THROW / INTERACTIVE 15
INSTALLATION PROJECTORS 15
LARGE VENUE PROJECTORS 15
LASER - DIGITAL SIGNAGE 16
PROJECTOR SCREENS 16
ACCESSORIES 19

SET TOP BOXES 21

HD FTA STBS 21
SATELLITE RECEIVERS 21
HD FTA PVRS 22

BLU-RAY 22

BLU-RAY PLAYERS 22
BLU-RAY RECORDERS 23

CD 23

CD PLAYERS 23

DVD 24

DVD PLAYERS 24
PORTABLE DVD PLAYERS 24

MEDIA PLAYERS 24

CAMERA RECORDERS 26

AMPS & RECEIVERS 26

STEREO AMPLIFIERS 26
STEREO RECEIVERS 28
AV RECEIVERS 29
POWER AMPLIFIERS / MONO BLOCKS 30

AV SYSTEMS 31

MINI HI-FI SYSTEMS 31
IPHONE/IPAD DOCKS 32
HOME THEATRE SYSTEMS 32

PORTABLE AUDIO 32

DICTAPHONES 34

RADIOS 35

POCKET RADIOS 35
PORTABLE RADIOS 36
TABLE TOP RADIOS 37
ALARM CLOCK RADIOS 38
INTERNET RADIOS 39
IPOD/IPHONE DOCK RADIOS 39
ACCESSORIES 39

CAR AUDIO 40

PLAYERS 40
SPEAKERS 40
SUBWOOFERS 40

COMPONENT TUNERS 41

DAB 41

TURNTABLES 42

AUDIO SPEAKER SYSTEMS 43

FLOOR STANDING SPEAKERS 43
BOOKSHELF/SURROUND SPEAKERS 44
CENTRE SPEAKERS 46
SUBWOOFERS 47
SPEAKER PACKS 49
SOUNDBARS 50
IN-WALL / CEILING SPEAKERS 55
ON-WALL / DIPOLE SPEAKERS 59
INDOOR / OUTDOOR SPEAKERS 59
WIRELESS SPEAKERS 62
SPEAKER ACCESSORIES 62
STUDIO MONITOR / POWERED 63

TOYS AND GADGETS 63

AV ACCESSORIES 66

MULTIROOM AV DISTRIBUTION 66

MULTIROOM AUDIO 66
AUDIO ACCESS 70
AV DISTRIBUTION 70
AV DISTRIBUTION ACCESSORIES 73

HEADPHONES 73

WIRELESS HEADPHONES 73
WIRED HEADPHONES 74
WIRED EARPHONES 76
HEADPHONE SPARES 77
PILLOW SPEAKERS 78
HEADPHONE AMPS 78

TURNTABLE ACCESS. 78

BELTS 78
PRE-AMPS 78
STYLI 79
CARTRIDGES 83
RECORD CLEANERS 84
STYLUS CLEANERS 84

REMOTE CONTROLS 85

SPARE REMOTES 85
UNIVERSAL REMOTES 85
COMMERCIAL REMOTES 85
IP TO IR / RS232 CONVERTERS 86
IR REMOTE EXTENDERS 86

WIRELESS SENDERS 89

AV SENDERS 89
AUDIO SENDERS 89
PRESENTATION SYSTEM 90

AV SELECTORS 90

ANALOGUE AV SELECTORS 90
DIGITAL AV SELECTORS 91
MATRIX SWITCHES 91

AV CONVERTERS 93

AUDIO EXTRACTOR 96

VIDEO CAPTURE 97

MODULATORS 97

ANALOGUE MODULATORS 97
SD DIGITAL MODULATORS 97
HD DIGITAL MODULATORS 98

SPEAKERS REPLACEMENT 99

GENERAL PURPOSE 99
TWEETERS 99

MIDBASS & WOOFERS 100
SUBWOOFERS 100

SPEAKER SWITCH BOXES 100

SPEAKER DISTRIBUTION 101

SPEAKER ATTENUATORS 101

EXTENDERS 102
AUDIO 102
COMPOSITE AV 103
COMPONENT 103
VGA 103
HDMI 103
CATV 105

SPEAKER ACCESSORIES 106
GRILLES 106
ACCESSORIES 106

STANDS & BRACKETS 107
TV MOUNTS 107
PROJECTOR MOUNTS 123
SPEAKER MOUNTS 125
ACCESSORIES & CABLE MANAGEMENT 128
CONSUMER IPAD / TABLET MOUNTS 129
COMMERCIAL IPAD / TABLET MOUNT 131

TAPE BELTS 131

PHONE & TABLET ACCESSORIES 132
SCREEN PROTECTORS 132
CASES & COVERS & STYLUS 132
LEADS 133
STANDS & DOCKS 133
PERIPHERALS 133

PUBLIC ADDRESS 136

PA AMPLIFIERS 136
PA MIXER / AMPLIFIERS 136
DIGITAL PA AMPLIFIERS 138
POWER PA AMPLIFIERS 138
CLASS D AMPLIFIER 139
PORTABLE PA AMPLIFIERS 140
LOOP INDUCTION AMPLIFIERS 141
SOUND FIELD SYSTEM 141
TONE GENERATOR 141
PA AMP ACCESSORIES 142

SPEAKERS PA & DJ 144
EVENTS & DJ 144
LOUDHAILERS 145
CEILING PA - 100V 146
HORN PA 148
BOX EXTENSION PA - 100V 149
SPEAKERS 100V LINE 151

MICROPHONES 151
WIRELESS MICS 151
WIRED MICS 154
ACTIVE BEAM ARRAY MICS 157
MIC STANDS/ACCESSORIES 157

AUDIO MIXERS 158

AUDIO SOURCES 159

RACKS 160
AV, PA & SERVER RACK SYSTEMS 160
RACK MOUNT ACCESSORIES 161

TV & SATELLITE 164

TV ANTENNAS 164
UHF/VHF COMBO ANTENNAS 164
UHF ANTENNAS 164
VHF ANTENNAS 165
DAB+ / FM ANTENNAS 166
INDOOR ANTENNAS 167
CARAVAN ANTENNAS 167

TV ANTENNA ACCESS. 167
MASTHEAD ENCLOSURES 168
MASTHEAD AMPS 168
DISTRIBUTION AMPS 170
SPLITTER AMPS 170
AMP POWER PACKS 171
BALUNS FILTERS & ATTENUATORS 171
SPLITTERS & TAPS 172
DIPLEXER & TRIPLEXERS 174

TV HARDWARE 174
MASTING 174
MOUNTING 175
TV HARDWARE ACCESSORIES 176

SATELLITE DISHES 178

SATELLITE ACCESSORIES 178

SATELLITE HARDWARE 179

COMMUNICATIONS 181

PERSONAL LOCATOR BEACON (PLB) 181

CB RADIOS UHF/VHF 181
MOBILE UHF 181
HANDHELD UHF 183
MARINE VHF 183
AIR BAND VHF 184

CB ACCESSORIES 184
CB ANTENNA ACCESSORIES 184
CB MICS & HEADSETS 186
CB POWER ACCESSORIES 187
MISC. CB ACCESSORIES 188

SCANNERS 189

MOBILE / CAR ANTENNAS 189
CB / UHF 189
27MHZ 192
VHF 193
SCANNING 193
CELLULAR / BROADBAND 193
AM / FM / DAB RADIO 196
ACCESSORIES 197

BLUETOOTH CAR KITS 198

TELEPHONES 198
ORICOM PHONES 198
UNIDEN PHONES 199

CONTENTS

UNIDEN ADDITIONAL HANDSETS 200
PANASONIC PHONES 200
PANASONIC ADDITIONAL HANDSETS 201

TELEPHONE ACCESSORIES 201
PLUGS & SOCKETS 201
WALL PLATES - MODULAR 202
LEADS 203
FILTERS 203
RINGERS 204
OFFICE PHONE HEADSETS 204
BLUETOOTH MOBILE ACCESSORIES 205
MOBILE PHONE ACCESSORIES 205
ACCESSORIES 205

SECURITY & INTERCOMS 207

CCTV CAMERAS 207
AHD CAMERAS 207
DIGITAL NETWORK / IP 207
DOME & PTZ CAMERAS 210
DUMMY CAMERAS 210
OTHER 211
BRACKETS & HOUSINGS 211
ACCESSORIES 212

CCTV KITS 215

CCTV MONITORS & TESTERS 215

DVRS & NVRS 216

SECURITY ALARMS 217
ALARM PANELS 217
ALARM KITS 217
PIRS 218
REED SWITCHES 218
SIRENS 219
TIMERS & RELAYS 220
ACCESSORIES 221

SMOKE ALARMS 223

SECURITY BEAMS 224

CAR ALARMS 224
KITS 224
DETECTORS 224

ACCESS CONTROL 224

INTERCOMS 226
AUDIO INTERCOMS 226
VIDEO INTERCOMS 229
MULTI APARTMENT INTERCOMS 232
IP INTERCOMS 234
INTERCOM ACCESSORIES 235

RFID & NFC DEVICE 238

APPLIANCES & LIGHTING 240

CLOCKS 240
WALL 240
DESK 242
STOPWATCH & TIMERS 242

COOLERS & WARMERS 243

CHIMES & BELLS 243

FANS 244

HAIR CARE 245

HEATERS 246
FAN HEATERS 246
CERAMIC HEATERS 246
COLUMN HEATERS 246

LIGHTING 246
INDOOR 246
MAGNIFYING LAMPS 247
DOWN LIGHTS 248
FLUORESCENT 249
OUTDOOR 249
WORK LIGHTS 250
LED STRIP 250
TORCHES & LANTERNS 251
GLOBES 252

CABLES & CABLE ACCESSORIES 258

AUDIO/VIDEO LEADS 258
HDMI 258
SCART 261
COMPOSITE AV 262

VIDEO LEADS 262
COMPOSITE 262
S-VIDEO 262
COMPONENT 262
HDMI/DVI/VGA 262
BNC 263

AUDIO LEADS 263
GENERAL 263
OPTICAL 266
COAXIAL 267

COMPUTER LEADS 267
IPHONE/IPAD 267
SAMSUNG 267
D RANGE 268
DIN 268
VGA 268
DISPLAYPORT 269
FIREWIRE 270
USB 270
FIBRE PATCH 272
CAT7 PATCH 273
CAT6/6A PATCH 273
CAT5 PATCH 274
CROSSOVER 274
PC INTERNAL 274

POWER LEADS 274
APPLIANCE 274
EXTENSION 277

TEST LEADS 278

TV FLYLEADS 278
PAL - PAL 278
F TYPE - F TYPE 278
PAL - F TYPE 279

EXTENSION LEADS 279

CABLE (ROLLS & BOXES) 279
VIDEO 279
AUDIO & MICROPHONE 279
AUTOMOTIVE 280
COMPUTER 281
TELEPHONE 281
CAT5/6 282
HOOKUP 283
POWER 283
SPEAKER 283
INTERCOM 285
SECURITY 285
COAX 286

CABLE ACCESSORIES 288
CABLE CLIPS 288
CABLE TIES 289
CABLE BINDING 290
CABLE STORAGE 290
HDMI LOCK 291

HEAT SHRINK 292
HEAT SHRINK SLEEVING 292
ADHESIVE HEAT SHRINK 292
HEAT SHRINK REELS 292
HEAT SHRINK LABELS 292
HEAT SHRINK TAPE 292

IT SUPPLIES 295

STORAGE MEDIA 295
CD 295
DVD 295
BLU-RAY 295
CASES & STANDS 296
MEMORY CARDS 296
USB FLASH DRIVES 296
HARD DRIVES 297
HARD DRIVE ENCLOSURES 298
HDD DOCKING STATIONS 298
CARD READERS 299
WIRELESS STORAGE 299
AV CLEANERS 299

MULTIMEDIA 299
SPEAKERS 299
PC COMMUNICATION HEADSETS 300

ADSL & NETWORKING 301
MODEMS 301
ROUTERS 302
SWITCHES 304
POE - POWER OVER ETHERNET 306
EOP - ETHERNET OVER POWER 308
WAP - WIRELESS ACCESS POINTS 309
VPN - VIRTUAL PRIVATE NETWORK 312
ANTENNAS 312
USB NETWORK ADAPTORS 313

MONITORS 314

PERIPHERALS 314
COMPUTER SWITCH BOXES & KVMS 314
KEYBOARDS & MOUSE 316
DVD BURNERS 317

USB ACCESSORIES 317
BLUETOOTH 317
HUBS 318
USB AUDIO/VIDEO 319
ACCESSORIES 320

CAMERAS 320
WEB 320

ACCESSORIES 320

SMART HOME 320
CONTROLLER 320
LIGHTING 321
SENSORS 321
SECURITY 321

POWER 324

BATTERIES 324
DRY CELL BATTERIES 324
LITHIUM BATTERIES 325
BUTTON CELL BATTERIES 325
RECHARGEABLE BATTERIES 326
SEALED LEAD ACID BATTERIES 328
TELEPHONE BATTERIES 330
SPECIAL BATTERIES 331
DRILL BATTERIES 331
PORTABLE CHARGER 331
CHARGERS & TESTERS 332
CONVERTERS 334
HOLDERS 335

ELECTRICAL 335
MAINS PLUGS & SOCKETS 335
POWERPOINTS & SWITCHES 336
LAMP HOLDERS 338
MAINS ACCESSORIES 338
TRAVEL ADAPTORS 339
POWER METERS 341
HOME AUTOMATION 341
ELECTRICAL TIMERS 341

FUSES 342
3AG GLASS 342
3AG CERAMIC 342
M205 GLASS 342
M205 DELAY GLASS 342
M205 CERAMIC 342
3AG DELAY GLASS 343
FUSE KITS 343
AUTO 343
POLY 343
RESETTABLE FUSES 343
THERMAL CUTOFF 343
FUSE HOLDERS 344
FUSE WIRE 344
CIRCUIT BREAKERS 344

POWERBOARDS 345
STANDARD POWERBOARDS 345
SURGE PROTECTED POWERBOARDS 346

POWER SUPPLIES 348

CONTENTS

DC ADAPTORS 348
AC ADAPTORS 348
SWITCHMODE ADAPTORS 349
USB/IPOD ADAPTORS 350
DC REGULATED BENCH TOP 350
LAPTOP POWER 352
COMPUTER POWER 352
USB CHARGER 352
CAR POWER 354
SECURITY POWER 356

UPS POWER SUPPLY 357
OFFLINE UPS 357
DOMESTIC LINE INTERACTIVE UPS 357
LINE INTERACTIVE TRUE SINE 358
ONLINE UPS 358
UPS ACCESSORIES 359

SOLAR POWER 359

TRANSFORMERS 359
LIGHTING 359
MAINS 360
PCB MOUNT 360
SPEAKER 361
TOROIDAL 361
ISOLATING TRANSFORMERS 361
FUSES 362

POWER CONVERTERS 362
INVERTERS 362
VOLTAGE REDUCERS 363
STEPDOWN TRANSFORMERS 363

COMPONENTS 366

PLUGS, SOCKETS & ADAPTORS 366
FIBRE 366
DIGITAL 366
PHONO (2.5/3.5/6.3MM) 367
RCA 370
BANANA 371
XLR 372
MICROPHONE 374
POWER / SIGNAL 374
INDUSTRIAL 375
PDN & SPEAKON 376
DIN / S-VIDEO 377
DC POWER 377
D-SUB 379
VGA / SCART 381
TV / PAL / F-TYPE 381
BNC 384
UHF / N / TNC 385
FME / SMA 387
MODULAR & USB 389
HEADER 391
IC 391
QUICKCAP 391

WALL PLATES 392
SPEAKER WALL PLATES 392
AV EXTENDER WALL PLATES 392
AV WALL PLATES 393
TV WALL OUTLETS 395
POWER WALL PLATES 396
BLANK WALL PLATES 397
MODULAR WALL PLATES 397
WALL PLATE MECHS 399
IN-WALL BOX 402

BOARDS & ACCESSORIES 402

BUZZERS 403

BOXES & CASES 403

CAPACITORS 404
CERAMIC 404
ELECTROLYTIC 405
MAINS SUPPRESSION 406
TANTALUM 406
TRIMMER 406
POLYESTER 406
MOTOR START 407

CLIPS 407

CRYSTALS 408

LEDS 408

GROMMETS 409

HEAT SINK 409

INDICATORS 409

KNOBS 410

POTENTIOMETERS 410
STANDARD 410
TRIM 411
MULTITURN 411

RELAYS 412
RELAY ACCESSORIES 413

RESISTORS 413
1/4 WATT METAL FILM 414
2 WATT 414
5 WATT 415
10 WATT 415

SEMICONDUCTORS 415
OP-AMPS 415
LINEAR ICS 416
74 / 74LS SERIES 416
74HC SERIES 416
4000 SERIES 417
RECTIFIERS/DIODES 417
ZENER DIODES 417
BRIDGE RECTIFIERS 418
TUBES 418
THYRISTORS / DIAC / TRIAC 418
TRANSISTOR MOUNTING KITS 418
TRANSISTORS NPN 418
TRANSISTORS PNP 419
TRANSISTOR FETS 419
TRANSISTORS DARLINGTON 419
VOLTAGE REGULATORS 419

OPTO COUPLERS 419
DISPLAY DRIVERS 419
EPROM 420
VARISTORS 420

SWITCHES 420
ROCKER 420
TOGGLE 420
MICRO 421
PUSH BUTTON 422
TAMPER 423
PCB MOUNT 423
ROTARY 424
DIP 424
KEY 424
SLIDER 424

TERMINALS 424
SCREW & POST 424
LUGS 425
PCB MOUNT 428
BLOCKS & STRIPS 428

FILTERS 429

COOLING FANS 430

SERVICE 432

CHEMICALS 432
ADHESIVES 432
CLEANERS 434
LUBRICANT 436
SERVICE 437
SEALANTS 438

SOLDERING 439
SOLDERING IRONS 439
SOLDERING STATIONS 440
GAS 441
DOSS SPARES 442
SCOPE SPARES 443
OKI SPARES 444
WELLER SPARES 444
ATTEN SPARES 446

SOLDER 447
ACCESSORIES 447

REWORK / REPAIR 449
DESOLDERING 449
ACCESSORIES 450

DISPENSERS 450
DISPENSING GUNS 450

ANTI STATIC 450

ADHESIVE & ELECTRICAL TAPES 450
GAFFER TAPE 450
MASKING TAPE 451
DOUBLE SIDED TAPE 452
ELECTRICAL TAPE 452
SAFETY TAPE 452
PACKING TAPE 452

TOOLS 453
ALIGNING 453
ALLEN KEYS 453
CRIMPERS/COMPRESSION 453
CUTTERS 455
DRILLS 456
EXTRACTION 457
FILES & CLEANERS 457
GLUE GUNS 457
HAMMERS 457
HEAT GUNS 457
CABLE TIE GUN 457
INSERTION & PUNCHDOWN 458
INSPECTION TOOLS 458
LASER 458
MARKERS 459
MEASURING 459
PLIERS 460
SAWS, KNIVES & SCISSORS 461
SCREWDRIVERS 462
STRIPPERS 464
CABLE PULLING TOOLS 465
VICES, TWEEZERS & HOOKS 466
WRENCHES & SOCKET SETS 468
SAFETY APPAREL 469

POINT OF SALE 469
BARCODE SCANNER 469

LABEL PRINTERS 469

TOOL KITS 469

STORAGE 471
CABINETS 471
BAGS & CASES 472
BINS & BOXES 474

TEST EQUIPMENT 476
MULTIMETERS - ANALOGUE 476
MULTIMETERS - DIGITAL 477
MULTIMETERS - ACCESSORIES 481
CURRENT CLAMPS 484
PANEL METERS 486
OSCILLOSCOPE 486
SATELLITE 486
TERRESTRIAL 487
APPLIANCE TESTERS 487
INSULATION / RESISTANCE 487
HDMI 488
TELEPHONE 488
LAN 488
TRACER 490
SOUND 493
FIBRE 493
TEMPERATURE 494
VOLTAGE / CONTINUITY 495
PRESSURE 496
CARBON MONOXIDE METER 496
MOISTURE METER 496
LIGHT 496
GAS 496
AUDIO / VIDEO 496

HARDWARE 496

CONSUMER ELECTRONICS

TELEVISIONS 13

PROJECTORS 14

PORTABLE / DATA PROJECTORS 14
HOME THEATRE PROJECTORS 14
SHORT-THROW / INTERACTIVE 15
INSTALLATION PROJECTORS 15
LARGE VENUE PROJECTORS 15
LASER - DIGITAL SIGNAGE 16
PROJECTOR SCREENS 16
ACCESSORIES 19

SET TOP BOXES 21

HD FTA STBS 21
SATELLITE RECEIVERS 21
HD FTA PVRS 22

BLU-RAY 22

BLU-RAY PLAYERS 22
BLU-RAY RECORDERS 23

CD 23

CD PLAYERS 23

DVD 24

DVD PLAYERS 24
PORTABLE DVD PLAYERS 24

MEDIA PLAYERS 24

CAMERA RECORDERS 26

AMPS & RECEIVERS 26

STEREO AMPLIFIERS 26
STEREO RECEIVERS 28
AV RECEIVERS 29
POWER AMPLIFIERS / MONO BLOCKS 30

AV SYSTEMS 31

MINI HI-FI SYSTEMS 31
IPHONE/IPAD DOCKS 32
HOME THEATRE SYSTEMS 32

PORTABLE AUDIO 32

DICTAPHONES 34

RADIOS 35

POCKET RADIOS 35
PORTABLE RADIOS 36
TABLE TOP RADIOS 37
ALARM CLOCK RADIOS 38
INTERNET RADIOS 39
IPOD/IPHONE DOCK RADIOS 39
ACCESSORIES 39

CAR AUDIO 40

PLAYERS 40
SPEAKERS 40
SUBWOOFERS 40

COMPONENT TUNERS 41

DAB 41

TURNTABLES 42

BOOKSHELF/SURROUND SPEAKERS 44
CENTRE SPEAKERS 46
SUBWOOFERS 47
SPEAKER PACKS 49
SOUND BAR 50
IN-WALL / CEILING SPEAKERS 55
ON-WALL / DIPOLE SPEAKERS 59
INDOOR / OUTDOOR SPEAKERS 59
WIRELESS SPEAKERS 62
SPEAKER ACCESSORIES 62
STUDIO MONITOR / POWERED 63

TOYS AND GADGETS 63

16 MAJOR CATEGORIES | 46 SUB CATEGORIES | 805 PRODUCTS

CONSUMER ELECTRONICS

NEW PRODUCTS

46" 24/7 SIGNAGE SOLUTION

PHILIPS



Ideal for Security and signage applications.

- Dia Image: 46"
- Full HD LED
- AMVA for wide-view super-high contrast, vivid images
- Failover
- Designed for 24/7 operation
- Integrated HTML5 browser
- Smart player

BDL4660EL 43095276

LIGHTSCENE LASER PROJECTOR

EPSON EXCEED YOUR VISION



Captivate audiences by illuminating & projecting on virtually any surface/ material with this cutting-edge digital signage.

- Sleek and discreet spotlight design. Mountable on floor, wall or ceiling tracks
- Laser Technology – up to 20,000hrs of virtually maintenance-free operation
- 3LCD Technology – 2,000 lumens of vibrant whites & vivid colours
- 1.58 x powered optical zoom, plus powered focus
- HDMI, RJ-45, wired and wireless LAN connectivity, with SD card slot
- Easily programmable – includes templates, effects, colour filters & customisable options
- Edge blending when using multiple units, to create seamless projections

○ EV100 43190910

● EV105 43190915

4K UHD PLAYER & FULL HD RECORD

Panasonic



Record all your favourites with 2x HD tuners & 2TB HDD.

- Ultra HD Blu-ray Discs Playback
- Full HD Recorder
- Series record
- Smart networking compatible with VOD (video on demand)

DMRUBT1GLK 10304674

ULTRA HD BLU-RAY PLAYER

Panasonic



Superb 4K Ultra HD Blu-ray Player.

- Ultra HD Blu-ray Playback (4K/HDR)
- High-Resolution Audio Playback
- 4K VOD Support Designed for Smart Image Viewing

DPUB320 10304511

ULTRA HD BLU-RAY PLAYER

Panasonic



Cinematic, Hollywood picture quality.

- Ultra HD Blu-ray Playback (4K/HDR)
- High-Resolution Audio Playback
- Twin HDMI outputs
- 4K VOD Supported

DPUB420 10304513

8-CORE 4K 7.1 ANDROID MEDIA PLAYER

8mate



With SPIDF optical out and DTS processing the 8Mate is a great addition to your home theatre.

- ARM Mali T820 GPU processor
- Amlogic S912 8-core CPU
- Comes with 6Gb/channel bandwidth (4K compatible)
- PreLoaded with Australian Catch-Up TV Apps, Netflix, Stan and more
- User friendly navigation

8MATE 09006125

4-ZONE 8CH MUSICCAST MULTIROOM

YAMAHA



Custom-Built – MusicCast Multi-Room Streaming Amplifier.

- Streams four zones of audio per unit
- Expandable to 32-zones with linked groups of up to 20-zones each
- Eight channels of audiophile-grade Class D amplification assignable to any zone
- Built-in Spotify Connect, TIDAL, Deezer and Net Radio
- Easy control via a free MusicCast App

XDAQS5400RK 01614730

4-ZONE 8CH MULTIROOM AMPLIFIER

YAMAHA



Designed for custom integration of whole home audio systems.

- Expansion option for Yamaha XDA-QS5400RK
- Eight channels of audiophile-grade Class D amplification
- Four audio buses and included jumpers
- Audio sensing inputs, IR I/O and more
- Interlocks power on/off with XDA-QS5400RK

XDAAMP5400RK 01614735

5.2CH 70W AV RECEIVER

DENON



Enjoy movies and shows with Full 4K Ultra HD and Dolby Vision.

- Power Output: 5x 130W
- Dolby TrueHD and DTS-HD Master Audio
- 5 HDMI inputs, 1 HDMI output
- Auto speaker calibration
- Bluetooth music streaming & App control

AVRX550B 01611187

7.2CH AV RECEIVER WITH HEOS

DENON



Ideal for custom integrations, the AVR-X2500H is the entertainment centrepiece to help you build your perfect home theatre.

- High-performance 7.2-channel
- Supports Dolby Atmos, DTS:X™ and DTS Virtual:X
- Amazon Alexa voice control compatibility
- HDMI 8-inputs/2-outputs; 4K Ultra HD 60Hz
- Denon guided Setup Assistant and advanced Graphical User Interface
- Built-in HEOS wireless multi-room
- Phono input

AVRX2500B 01611189

7.2CH AV RECEIVER WITH HEOS

DENON



Watch your favourite movies and shows with stunning clarity and sound.

- Power Output: 7x 145W
- Dolby Atmos, DTS:X™, DTS Virtual:X
- 6 HDMI inputs, 1 HDMI output
- Audyssey MultEQ XT32, Dynamic Volume /EQ
- AirPlay 2, Bluetooth, Network Streaming, HEOS built-in
- Amazon Alexa Voice Control

AVRX1500B 01611192

7X 105W HEOS ONBOARD

DENON



AV Surround Receiver offers the ultimate home theatre experience with Dolby Atmos and DTS:X™, plus unparalleled music playback options.

- 7x 180W AV Receiver; 7.2ch processing
- Dolby Atmos, DTS:X™, DTS Virtual:X
- 8 HDMI inputs, 3 HDMI outputs
- Audyssey MultEQ XT32, Dynamic Volume /EQ, LFC, Sub EQ HT
- HEOS built-in
- Amazon Alexa Voice Control

AVRX3500B 01611198

5.1CH SLIM NETWORK RECEIVER

YAMAHA



Discreet. Sophisticated. Powerful.

- Power: 95W per channel
- Ability to add wireless surround speakers/sub
- HD Audio with CINEMA DSP 3D
- Amazon Alexa Voice Control compatibility
- Music streaming services built-in
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma

RXS602 01618728

5.1CH 115W HDCP2.2 AV RECEIVER

YAMAHA



Enter a world of smart home entertainment.

- HD Audio with CINEMA DSP 3D
- Amazon Alexa voice control compatibility
- Music streaming services built-in
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma
- YPAO; sound optimisation

HTR4072 01618773

7.2CH HOME THEATRE PACK

YAMAHA



The LiveSTAGE 7500 showcases both music and movies with four floor-standing speakers and dual subwoofers.

- Immersive 7.2ch surround sound
- Includes 7x speakers and 2x subwoofers
- Supports Alexa voice control
- Includes DJ party light

LIVESTAGE7500 01933149

5.2.5CH - ATMOS AV SYSTEM

YAMAHA



This pack features cinema-quality sound and sophisticated features for the ultimate movie experience at home.

- 1x RX-V1085 AV receiver
- 1x pair of NS-F555 floor-standing speakers
- 1x NS-C444 centre speaker
- 1x pair of NS-333 bookshelf speakers
- 2x NS-SW300 subwoofers
- 1x pair of NS-IC600 in-ceiling speakers

BLOCKBUSTER7500 01933195

DAB+ FM 2.4" DISPLAY RADIO

richter



DAB+ Colour Screen Digital Radio with FM Radio.

- Large 2.4" colour screen
- Preset 40 DAB+ & 40 FM stations

RR26 34543047

MUSICCAST VINYL 500 TURNTABLE

YAMAHA



A new spin on sound.

- Wirelessly connect to any MusicCast device
- Straight tonearm contributes to sound transparency
- Belt drive turntable
- Music streaming services built-in
- Wi-Fi built-in support for 2.4GHz and 5GHz bands

TTN503B 60818040

BELT DRIVE TURNTABLE

YAMAHA



Let the good times roll.

- Straight tonearm contributes to sound transparency
- Belt-drive turntable
- Switchable Phono and Line output

TTS303B 60818045

200MM 150 WATT SUBWOOFER

Q ACOUSTICS



Stunningly deep bass from a slim line subwoofer.

- Bass Unit: 200mm (8")
- Amplifier Power: 150W Class D
- Frequency Response (+3dB, -6dB): 35-250Hz
- Dimensions: 480(W) x 300(H) x 150(D)mm

○	Q3060SWH	39811537
●	Q3060SW	39811539
●	Q3060SBL	39811541

TELEVISIONS

7" DIGITAL PORTABLE TV



High definition digital tuner with MPEG-4 HD decoding.

- Composite stereo input & output
- USB music, video & photo playback
- USB PVR recording

S8861B	43099110

15" TRANSPARENT FRAME HD LED LCD TV

Wintal Digital Living



- HD MPEG-2 & MPEG-4 decoding
- Built-in stereo speakers
- HDMI connections for the ultimate digital picture & sound
- Power Save feature and Sleep Timer
- Power: 100-240V AC
- Comes with transparent Remote

15LED17HD	43099178

22" INTEGRATED VAST HD LED TV

ALTECH UEC



Australia's first Vast certified 22" LED TV.

- 1080p Full HD resolution
- In-Built Vast decoder
- PVR ready for Vast / Terrestrial TV
- Terrestrial HD Digital TV
- Includes 12V car power adaptor

Full HD	22"	AL22TV	43092710

40" PROFESSIONAL LED TV

PHILIPS



The Philips 40HFL3010 LED TV has the benefits of a dedicated hospitality TV.

- MyChoice compatibility
- SmartInstall for easy remote installation
- SmartInfo for branded, interactive hotel info pages
- Full Hotel, Healthcare and Prison Modes
- Nurse-call compatibility
- Low power consumption

40HFL3010	43095470

43" 24-7 COMMERCIAL PANEL

PHILIPS



Signage Solutions D-Line Display.

- Image size: 43"
- Powered by Android
- Save and play content with internal memory
- FailOver
- Smart Power
- CMND management platform

43BDL4050D	43095258

4K ULTRA SLIM LED TV

PHILIPS



- FreeView Plus
- Quad Core and integrated Android
- Better contrast, colour & sharpness with HDR Plus
- Ultra HD Picture Quality with Pixel Plus Ultra HD
- Cloud Gaming: high quality games for all ages

43"	43PUT6801	43095201
55"	55PUT6801	43095203

65" 4K ULTRA SLIM SMART LED TV

PHILIPS



- Freeview Plus
- Ultra Slim lines
- Pixel Plus Ultra HD

65PUT6162	43095208

65" FULL HD LED TV WITH PVR

CHANGHONG



FHD LED – 1920 x 1080 – Full High Definition for sharp and crisp images.

- Smart ECO Plus – Energy saving technology for improved power efficiency and increased panel life
- 3 Year Warranty – Full confidence in our products so you can have peace of mind

LED65D2900	43099267

HD TV WITH DVD/PVR

CHiQ



- Built-in DVD player
- Ultra narrow bezel design
- USB Recording
- ECO Plus energy saving technology
- 3 Year Warranty

24"	L24G3	43099363
32"	L32G3	43099366

HD LED TV WITH PVR

CHiQ



- Ultra narrow bezel design
- USB Recording
- Eco Plus energy saving technology
- 3 Year Warranty

19"	L19G4	43099372
24"	L24G4	43099375
32"	L32G4	43099378

43" FHD LED TV WITH PVR

CHiQ



- Full HD
- Ultra narrow bezel design
- UC Pro Engine
- USB Recording
- ECO Plus energy saving technology
- 3 Year Warranty

L43G4	43099381

50" 4K UHD TV WITH PVR

CHiQ



- UHD TV with HDR Technology
- Built-in Netflix, Youtube, Facebook & Freeview Plus
- Multiscreen stream contents from a multiscreen Android phone

U50G9	43099391

75" 4K UHD HDR TV

CHiQ



- Sleek metal design
- HDR Technology
- Built-in Netflix, Youtube, & Facebook
- Multiscreen stream contents from multiscreen Android phones

	U75G8	43099406

HD LED SMART TV

CHiQ



- Dolby Digital Plus technology
- Built-in Netflix, Youtube, Facebook & Freeview Plus
- Multiscreen stream contents from a multiscreen Android phone

32"	L32G5	43099415
43"	L43G5	43099416
49"	L49G5	43099417

65" 4K HDR SMART LCD TV

Panasonic



Upgrade to 4K HDR Smart TV with flexible pedestal.

- Image Size: 65" Dia.
- Brilliant 4K HDR Images
- 4K Pure Direct
- Adjustable Pedestal is designed to suit any environment
- Smart TV

	TH65EX600A	43099734

65" PREMIUM OLED SMART TV

Panasonic



Stunning 4K OLED picture quality in a razor-thin design.

- Image Size: 65" Dia.
- Screen Technology: OLED UHD
- 4x HDMI Inputs
- THX® Certified 4K Display
- Multi HDR Support
- 3x USB Ports

	TH65EZ950	43099746

PROJECTORS

PORTABLE / DATA PROJECTORS

FULL HD WIRELESS PROJECTOR

EPSON EXCEED YOUR VISION



Corporate portable multimedia projector.

- Colour & White light output: 3,600 Lumens
- Aspect Ratio: 16:10
- Resolution: WUXGA (1920x1200)
- Wireless projection from laptop, tablet, or smartphone
- Epson iProjection
- Built-in Speaker

	EBU42	43190449

3600 LUMENS WXGA PROJECTOR

EPSON EXCEED YOUR VISION



Affordable wireless, widescreen performance in one portable projector.

- Colour & White light output: 3,600 Lumens
- Aspect Ratio: 16:10
- Resolution: WXGA
- USB Plug 'n' Play
- Epson iProjection
- Built-in Speaker

	EBW42	43190459

3000 LUMENS XGA PROJECTOR

BenQ



World-Leading SmartEco™ Technology.

- Up to 6,500hrs of long lamp life
- Supports various 3D formats
- XGA (1024x768)
- 3,000 Lumens
- 37"~300" 60"@ 2m

	MX703	43190636

HOME THEATRE PROJECTORS

FULL HD 2D/3D 1080P PROJECTOR

EPSON EXCEED YOUR VISION



Full HD Home Theatre projector with high contrast and easy setup.

- High definition 1080p
- Vertical Lens Shift
- Wide Ranging Connectivity
- Mobile High Definition Link (MHL)
- A new simple home screen
- Easy setup

	EHTW5600	43190382

FULL HD 2D/3D EPSON PROJECTOR

EPSON EXCEED YOUR VISION



Brilliant 2D & 3D Entertainment.

- 3,000 Lumens colour & White brightness
- Contrast ratio up to 70,000:1
- Easy Setup
- One pair of rechargeable RF 3D glasses included
- Mobile High-Definition Link (MHL)
- Bluetooth Audio

	EHTW6700	43190396

HD HOME THEATRE PROJECTOR

EPSON EXCEED YOUR VISION



Epson High quality Home Theatre projector with incredible black levels.

- Full HD 2D-3D
- 1,000,000:1 Contrast
- 2,500 Lumens colour brightness and white brightness
- 4K Enhancement Technology
- Powered Lens Shift
- Lens Memory

	EHTW8300	43190399

2D/3D HOME THEATRE PROJECTOR

EPSON EXCEED YOUR VISION

2017 SOUND IMAGE AWARDS



Top of the line Home Theatre projector.

- Full HD 1080p Video Wireless Streaming
- 1,000,000:1 contrast ratio
- 3 Year Warranty
- 2,500 Lumens colour brightness and white brightness
- THX® display certification and ISF Calibration

○ With wireless HDMI	EHTW9300W	43190408
●	EHTW9300	43190412

SHORT-THROW / INTERACTIVE

HIGH PERFORMANCE SHORT THROW



- High precision short throw lens
- Optional interactive functionality
- Advanced networking capability
- 16W built-in speaker
- Broad connectivity including HDMI
- Optional ceiling or wall bracket
- Low cost of ownership

EB535W 43190552

EPSON SHORT THROW PROJECTOR



High performance short throw projection for education and corporate.

- Lumens: 2,700
- Resolution: XGA
- Aspect Ratio: 4:3
- USB Plug 'n' Play
- Long Lasting lamp, low-cost lamp maintenance
- 3-chip LCD technology
- Contrast Ratio: 16,000:1
- EasyMP Network & Control

EB520 43190557

WXGA SHORT THROW PROJECTOR



High performance short throw projection for education and corporate.

- Lumens: 2,800
- Resolution: WXGA
- Aspect Ratio: 16:10
- Epson iProjection App
- Long Lasting lamp, low-cost lamp maintenance
- 3-chip LCD technology
- Contrast Ratio: 16,000:1
- Collaborate with Multi PC Projection

EB525W 43190559

INSTALLATION PROJECTORS

CORPORATE PORTABLE PROJECTOR



- 3LCD, 3-Chip Technology results in Brighter Colours and reliable performance
- 5,000 Lumens of colour and white brightness
- XGA resolution
- Gesture presentation
- Auto V/H keystone and screen fit
- Epson iProjection App

EB2055 43190473

WUXGA CORPORATE PROJECTOR



Corporate portable multimedia projector.

- Gesture Presenter
- Split Screen
- Epson iProjection
- Automatic setup
- Remote network monitoring and control

EB2250U 43190474

WUXGA MULTIMEDIA PROJECTOR



Corporate projector with crisp clear resolution – Featuring WUXGA (1920x1200).

- 3LCD, 3-Chip Technology results in brighter colours and reliable performance
- 5,500 Lumens of colour and white brightness
- HDBaseT™
- Wireless Functionality – Wi-Fi, Wi-Di and Miracast Certified
- Epson iProjection App
- Auto V/H keystone and screen fit
- Gesture presentation

EB2265U 43190477

LARGE VENUE PROJECTORS

6500 LMS LARGE VENUE PROJECTOR



WXGA installation projector for large venues.

- White & Colour light output: 6,500 Lumens
- No Lens supplied – choose from ten optional lenses to suit the application
- Edge Blending
- 3x Digital connections & HDBaseT™
- 360° Installation
- Powered lens shift, zoom and focus

EBG7000WNL 43190782

7500 LMS LARGE VENUE PROJECTOR



Professional-grade projector for high reliability in large venues.

- White & Colour light output: 7,500 Lumens
- NO Lens supplied - choose from ten optional lenses to suit the application
- Powered Lens Shift, Zoom and Focus
- HDBaseT™, HD-SDI, HDMI, DisplayPort, VGA, BNC and LAN connectivity
- Advanced, integrated edge-blending technology
- 360° installation
- Easy Management

EBG7200WNL 43190785

LARGE VENUE PROJECTOR



Flawless image quality and professional-grade reliability for large venues.

- NO Lens supplied – choose from ten optional lenses to suit the application
- 4K Enhancement
- Edge Blending
- 3x Digital connections & HDBaseT™
- 360° Installation
- Powered lens shift, zoom and focus

5500LMS	EBG7400UNL	43190786
6500LMS	EBG7500UNL	43190790

7000 LMS LARGE VENUE PROJECTOR



Flawless image quality and professional-grade reliability for large venues.

- White & Colour light output: 7,000 Lumens
- No Lens supplied – choose from ten optional lenses to suit the application
- 4K Enhancement
- Edge Blending
- 3x Digital connections & HDBaseT™
- 360° Installation
- Powered lens shift, zoom and focus

EBG7905UNL 43190798

LASER INSTALLATION PROJECTOR

EPSON EXCEED YOUR VISION



The Epson EBL100UNL installation projector offers astonishing quality and reliability.

- 6,000 Lumens
- 4K Enhancement
- No Lens supplied – choose from 10 optional lenses
- 3x Digital connections
- HDBaseT™
- 360° Installation
- Powered lens shift, zoom and focus

EBL1100UNL	43190815

EPSON LASER PROJECTOR

EPSON EXCEED YOUR VISION



Transform your wall with life-size, ultra-bright laser projection.

- 4,000 Lumens colour & white brightness
- WUXGA resolution (1920x1200)
- Aspect Ratio: 16:10
- 3 LCD Technology
- Laser light source

EHLS100	43190845

PROJECTOR SCREENS

FLOCKED FIXED FRAME SCREENS

GRANDVIEW



Unique top and bottom locking bars ensure a straight installation every time.

- 80mm bevelled frame with detailing for strength
- Frame is finished in black velvet to provide an absorbent contrast border for the image
- Screen is supplied flat packed
- Assembly is simple – screen material is attached with a loop and hook system

16:9	95"	GRFF095H	43131023
16:9	100"	GRFF100H	43131025
16:9	105"	GRFF105H	43131026
16:9	110"	GRFF110H	43131027
16:9	115"	GRFF115H	43131028
16:9	120"	GRFF120H	43131029
16:9	140"	GRFF140H	43131031
16:9	150"	GRFF150H	43131032

80" PORTABLE PULL UP SCREEN

GRANDVIEW



- This unique, portable screen is easy to use and very stable
- The Grandview Pull Up is an ideal screen for traveling
- Light weight, fully portable, ergonomically designed
- Spring loaded screen self-retractable, lockable handle
- Swivel leg, self-standing front projection display

GRUA080V	43131040

PULL DOWN SCREENS

GRANDVIEW



- Extruded aluminium designer casing
- Plana R front projection fabric
- Advanced auto decelerator for smooth retraction
- Intuitive self-locking system for perfect image alignment

4:3	84"	GRPC084V	43131052
4:3	100"	GRPC100V	43131126
4:3	120"	GRPC120V	43131130
16:9	82"	GRPD082H	43131045
16:9	92"	GRPD092H	43131060
16:9	102"	GRPD102H	43131116

16:10 DELUXE PULL DOWN SCREENS

GRANDVIEW



The Deluxe Pull Down Screen is an ideal option when you don't want your screen permanently in view – just roll the screen down when needed.

- Plana R front projection fabric
- Extruded Aluminium White Powder-coated Designer Casing
- Advanced auto decelerator for smooth retraction
- Intuitive self locking system for perfect image alignment
- Universal Mounting system – "snap in" brackets can be positioned at any point along the case

16:10	103"	GRPG103C	43131136
16:10	120"	GRPG120C	43131140

IP MOTORISED SMART-SCREEN

GRANDVIEW



- As standard is supplied with IP Control, IR Remote, 12V Trigger, Close Contact, and a manual override switch
- Simple mechanical limit setting adjustments via the motor
- Install is simplified with multi fit brackets that can be installed anywhere along the length of the Casing allowing for mounting to wall stud positions
- Brackets suit wall, ceiling or suspended installation
- Projector surface is Plana R
- Casing is extruded aluminium, finished in white

4:3	84"	GRIP084V	43131325
4:3	100"	GRIP100V	43131328
4:3	120"	GRIP120V	43131331
16:9	92"	GRIP092H	43131371
16:9	102"	GRIP102H	43131374
16:9	112"	GRIP112H	43131377
16:9	120"	GRIP120H	43131380
16:9	130"	GRIP130H	43131384
16:9	140"	GRIP140H	43131388
16:9	150"	GRIP150H	43131392
16:9	160"	GRIP160H	43131396
16:9	200"	GRIP200H	43131400
16:10	94"	GRIP094C	43131354
16:10	103"	GRIP103C	43131357
16:10	110"	GRIP110C	43131148

80" TRIPOD PROJECTION SCREEN

EPSON EXCEED YOUR VISION



- 80" widescreen, portable floor standing tripod screen
- Unique mechanism making it more compact and highly portable
- Approx 1m long when packed in bag with convenient shoulder bag included.
- Epson brand screen so you know the quality is fantastic

ELPSC21B	43131232

TRIPOD PROJECTOR SCREEN

GRANDVIEW

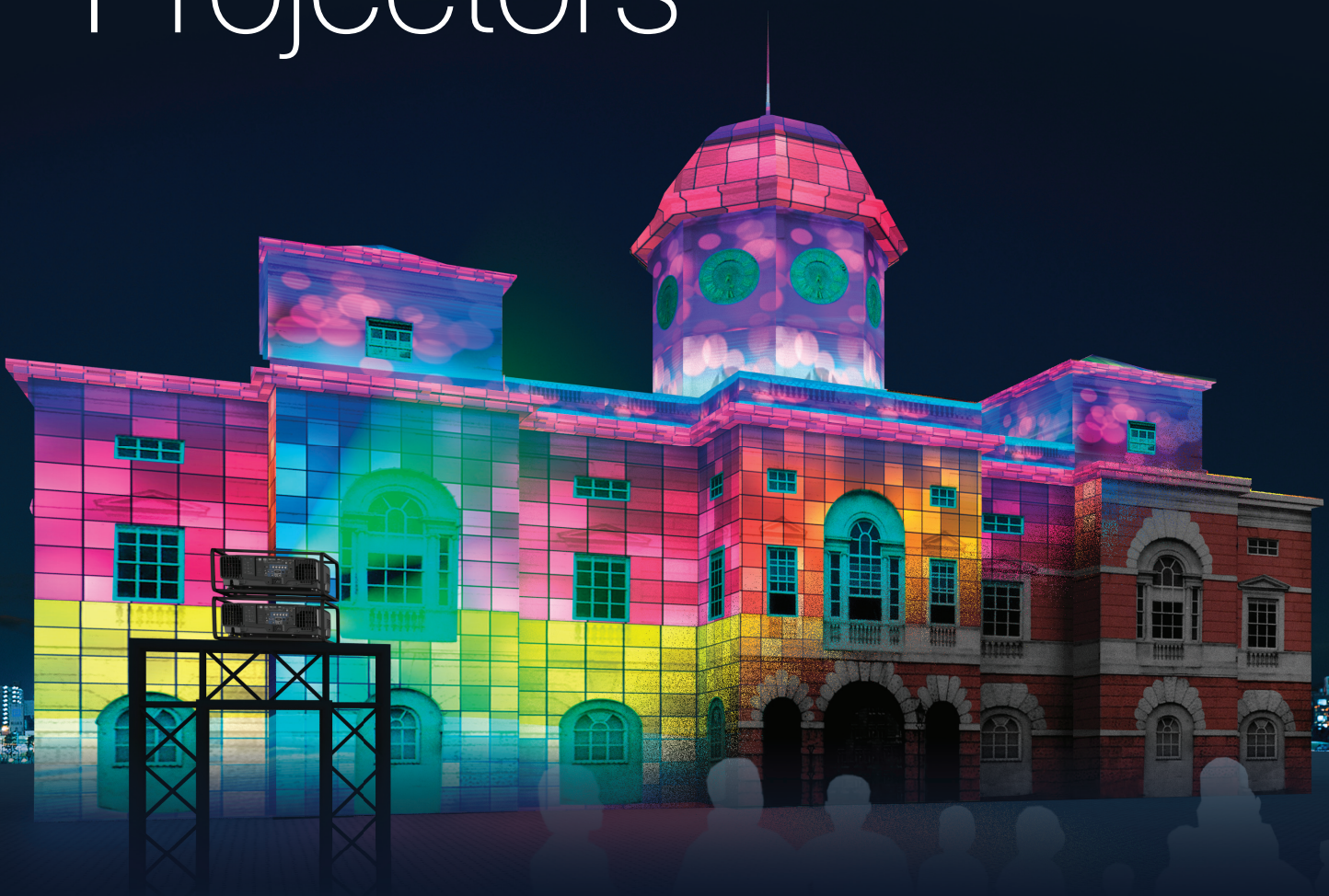


- Black steel casing incorporating tripod legs
- Manual pull up (adjustable height)
- Plana R front projection fabric
- Free standing on the floor
- Note: The tripod is not detachable from the screen

75"		GRT1520	43131237
85"		GRT1720	43131240

Laser Projectors

EPSON
EXCEED YOUR VISION





Designed for Exceptional Performance

Epson L Series large venue laser projectors take image quality to new levels with game-changing laser light sources, WUXGA resolution and 4K enhancement technology. Create powerful images with outstanding reliability and minimal maintenance that are ideal for staging and rental applications.

Features include:

- Up to 25,000 lumens and WUXGA resolution for bright, colourful, brilliant images
- 20,000 hours of virtually maintenance-free operation for continuous and reliable use
- Versatile connectivity including HDBaseT, HDMI, SDI and DVI-D
- Easy integration with Crestron®, AMX® and Extron compatibility
- Full suite of lens options for virtually any staging and rental application

For more information visit **www.epson.com.au/LaserProjectors**

120" SKY SHOW MOTORISED SCREEN



Grandview Motorised Sky-Show.

- Perfect for high ceiling and architectural applications
- RF Frequency remote control with special fine adjustment buttons
- Easy limit setting adjustment
- Screen casing lowers independently on a 5m cable drop
- Side and bottom borders of 50mm
- Casing Dimensions: 173(H) x 133(D)mm

16:9	120"	GRCF120H	43131345

150" IP SMART MOTORISED SCREEN



Smart projector screen.

- Picture size Dia.: 150"
- Aspect Ratio: 16:10
- Case Width: 3530mm
- IP Control, IR Remote, 12V Trigger, Close Contact, and a manual override switch
- Image: 3230(W) x 2020(H)mm
- Suits Hideaway HH6

GRIP150C	43131369

TRIPOD PROJECTOR SCREEN



Elegant and durable portable tripod projector screen.

- Heavy-duty casing
- Adjustable height locking ring

4:3	100"	T100UWV1	43131806
16:9	92"	T92UWH	43131804

MANUAL PULL DOWN SCREEN



- Black backed screen material eliminates light penetration
- Black masking enhances picture contrast
- Durable white metal casing
- Suitable for wall/ceiling installations

1:1 (Square)	71"	M71XWS1	43131821
4:3	84"	M84NWV	43131814
16:9	94"	M94UWX	43131831
16:9	100"	M100XWH	43131834
16:9	150"	M150XWV2	43131838
16:10	94"	M94NWX	43131823
16:10	109"	M109NWX	43191832

FIXED FRAME 16:9 SCREENS



Elite fixed frame screen.

- CineWhite Gain 1.1 flat tensioned screen material with 160° viewing angle
- Easy to assemble and install in minutes
- Adjustable fix plates provide equal tension over the entire projection surface
- Sliding wall mounts ensure the installation is properly centred
- 2-year parts & labour manufacturer's warranty

16:9	100"	ER100WH2	43131822
16:9	106"	ER106WH2	43131824
16:9	110"	ER110WH2	43131826
16:9	120"	ER120WH2	43131828
16:9	135"	ER135WH2	43131827

PULL DOWN SCREENS WITH BLACK CASING



Elite manual pull down screen.

- Dual wall and ceiling installation design
- Auto-locking system provides variable height settings in any position
- 160° wide viewing angle
- Black backed screen material eliminates light penetration
- Standard 4-side black masking borders
- Screen lanyard for easy operation included

16:9	92"	M92UWH	43131830
16:9	100"	M100UWH	43131833
16:9	120"	M120UWH2	43131836

16:10 MOTORISED SCREEN WITH BLACK CASING



Ideal for home theatre, training, classrooms and business presentations.

- Aspect Ratio: 16:10
- 5-12 Volt trigger port via RJ45 connector
- Infrared remote and wall switch
- Durable black metal casing
- Internal IR/RF low voltage receivers
- Optional RF remote control available separately

16:10	90"	ELECTRIC90X	43131837
16:10	106"	ELECTRIC106X	43131832
16:10	128"	ELECTRIC128X	43131835

16:9 MOTORISED SCREEN WITH BLACK CASING



The Spectrum Series is the best option for a budget electric/motorised front projection screen in a stylish black casing.

- 160° wide viewing angle
- Aspect Ratio: 16:9
- Matte White material is durable and easy to clean
- Infrared (IR) remote control
- Detachable 3-way wall switch
- Built-in 5-12 volt trigger port
- Low-voltage internal IR/RF receivers
- Ships fully assembled

16:9	100"	ELECTRIC100H	43131839
16:9	125"	ELECTRIC125H	43131842
16:9	150"	ELECTRIC150H	43131844

84" MOTORISED SCREEN TENSIONED



Although this projection screen is designed for the home theatre environment, it makes an impressive centrepiece to any corporate meeting room.

- CineWhite Tension material provides uniform flatness in a versatile material making it a favourite for consumers and installers alike
- 160° wide viewing angle
- Standard 4-side black masking borders

TE84HW2	43131840

VMAX2 SERIES MOTORISED SCREEN



The VMAX2 Series is the most complete cost effective electric/ motorized front projection screen.

- Comes out of the box fully assembled
- Adjustable drop/ rise positioning
- IR/RF remote controls
- AMX and CRESTRON certified
- MaxWhite screen material is easy to clean and durable for daily use
- 1.1 Gain projection surface

4:3	100"	VMAX100XWV2	43131843
16:9	92"	VMAX92XWH2	43131841
16:9	110"	VMAX110XWH2	43131853
16:9	120"	VMAX120XWH2	43131847
16:9	150"	VMAX150UWH2	43131854
16:10	150"	VMAX150XWX2	43131852
16:10	180"	VMAX180XWX2	43131855
16:10	120"	VMAX120XWX2	43131857

UNIVERSAL CEILING TRIM KIT



- Universal design is compatible with majority of all Elite Electric screens for dropped ceiling installations
- Adjustable framework provides a variable design
- End cap attachments included for all series
- Screen cradling structure
- White metal finish with open drop slot

VMAX100V/92H/113S/84H/92V/90X/85X Home120S/100H/90H/100V TE92H/100V/94X/85C/84H/92V	ZCU2	43131845
Electric125H VMAX135H/120H/135V/128X/153S Home135V/150V/135H/150S TE120H/115C/135V/116X/128X DTE117C94H	ZCU4	43131846
VMAX120V/100H/106H/136S/106X/110H Home135S/120H/120V TE100H/106H/110H/120V/103C/106X/96C DTE97C78H/DTE110C88H	ZCU3	43131851

120" 16:9 BLK MOTORISED SCREEN



- MaxWhite FG (fibre-glass backing) material is flat, durable, easy to clean and mildew resistant
- 1.1 Gain with 160° viewing angle
- IR & RF remotes included
- Tubular motor allows swift operation
- Streamlined aluminium casing with black enamel coating

PM120HTE12		43131848

110" 16:9 FIXED FRAME SCREEN

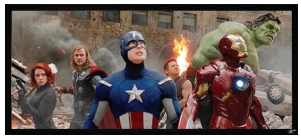


Elite ezFrame series projector screen.

- 110" diagonal picture
- 16:9 aspect ratio
- Acoustic Pro 1080p
- Full tension uniformity
- 2 Year Warranty
- Black backing eliminates backlighting artifacts
- Anodized black aluminium frame with black velour

R110WH1A1080P2		43131849

CINEMA 138" FIXED FRAME SCREEN



- CineWhite tensioned front projection material
- Ultra widescreen aspect ratio for Home Theatre experience
- 160° viewing angle with wide diffusion uniformity
- Black Velvet 2.36" (6cm) frame thickness
- Easy to assemble and install in minutes
- Sliding wall mounts ensure the installation is properly centred
- 138" diagonal size in 2.35:1 Aspect Ratio

2.35:1	200"	R138WH1WIDE	43131862

HIDEAWAY BOXES TO SUIT GRANDVIEW SMART-SCREENS



If you would like to get your Grandview Motorised Smart Screen above the ceiling and out of sight, we recommend a HideAway Box.

- The above ceiling box can be fitted either at the time of construction or into an existing ceiling
- Suits plasterboard and suspended ceilings
- Pre-installed mounting brackets inside box

2560mm	HH3	43131885
2980mm	HH4	43131886
3360mm	HH5	43131887

ELITE 110" MOTORISED SCREEN



The Saker Tab-Tension Series includes a tab-tension system with MaxWhite Fibreglass material to maintain flatness all across the projection surface.

- MaxWhite Fibreglass (FG) 1.1 Gain
- Active 3D and 4K Ultra HD Ready
- Internal Radio Frequency/Infrared receivers with IR, RF remotes included
- Wireless 5-12 volt trigger included
- Extra top black masking border for high ceiling installations
- Silent operation synchronous motor and low power consumption

SKT110XHW-E24		43132026

ACCESSORIES

15M CORDLESS 2.4GHZ PRESENTER



The convenient controls of this wireless presenter will help you make your point.

- Intuitive slideshow controls
- Red laser pointer
- Up to 15m range
- Battery indicator
- Plug-and-play wireless receiver

R400		26051020

30M CORDLESS 2.4GHZ PRESENTER



Up to 30m range.

- LCD display
- Intuitive slideshow controls
- Plug and Play wireless receiver

R700		26051025

EYE SENSOR & 12V TRIGGER CABLE



Elite Screens ZSP-EYE&12V-W IR "eye" sensor & 5-12V trigger cable for All Elite Electric Screens.

- 6" 5-12V trigger RJ-45 Ethernet cable
- Connects to all VMAX2, Spectrum, Kestrel, Home2, CineTension2, VMAX Plus4 screens to compatible projectors with 5-12V trigger output
- 3.5" RJ45 Ethernet IR "eye" receiver for concealed installations
- Allow the IR receiver "eye" to extend down for continued IR remote use

ZSPEYE&12V		43131865

2MP DOCUMENT CAMERA



Take lessons further with the Full HD 1080p Epson ELP-DC21 document camera.

- 10x digital zoom plus 12x optical zoom
- HDMI digital connectivity
- Share magnified images
- Built-in microphone
- Record and share audio/video lessons
- Convenient Freeze and Capture buttons

ELPDC21		43190115

PROJECTOR WI-FI ADAPTOR

EPSON EXCEED YOUR VISION



Wireless LAN to suit Epson projectors.

- Compliant with 802.11 b/g/n standards
- Uses USB type A connector
- Compatible with PC or Mac
- Able to transmit audio

ELPAP07 43191013

INTERACTIVE WHITEBOARD PEN

EPSON EXCEED YOUR VISION



- Suits EB455WI
- Provides interactive drawing and "mouse" functionality for BrightLink Solo Interactive Module
- Simple one-touch button provides "right-click" mouse functionality
- LED battery status indicator
- Includes two "AAA" batteries
- Dimensions: 6.5"(L) x .87"(W)

ELPPN02 43191020

NEETS CONTROL FOR PROJECTOR

Neets



Foolproof simplicity: No remotes, no buttons, no touchscreens.

- Responds to VGA or HDMI source: Signal presence triggers command sequence for projector and screen
- Automatic priority switching
- Configure via USB connection using supplied Windows software
- Install over drop ceiling or at podium

QUEBECII 43190120

EPSON CEILING MOUNT

EPSON EXCEED YOUR VISION



- Stylish, high quality powder coated finish
- Manufactured from high grade steel for optimal strength
- Highly adjustable to ensure simple installation and perfect alignment
- Choice of extension/suspension adaptor poles to suit installations in rooms with high ceilings

ELPMB23 43190526

EPSON REPLACEMENT LAMP

EPSON EXCEED YOUR VISION



ELPLP50



ELPLP54



ELPLP57



ELPLP67



ELPLP49



ELPLP64



ELPLP88

EB-85/85H/824/824H/825/8	ELPLP50	43192005
EB-S7/S8/W8/X8/TW-450	ELPLP54	43192010
EB-450We/Wi/455We/Wi/460/460e	ELPLP57	43192011
EB/S/X/W series	ELPLP67	43192017
EH-TW3500	ELPLP49	43192100
EB-1880/1860/1850W/935W	ELPLP64	43192018
EB-965H/955WH/945H/S130/X130/W130/S31/X31/W32/U32/X36/U13, EH-TW5300	ELPLP88	43192211

668 - 918MM EXTENSION POLE

EPSON EXCEED YOUR VISION



Epson ELPFP13 adjustable extension pole.

- Adjustable from 668mm to 918mm
- Suits V12H003B22 or V12H003B23 (ELPMB23)

ELPFP13 43190527

G7000 SERIES OPTIONAL LENSES

EPSON EXCEED YOUR VISION

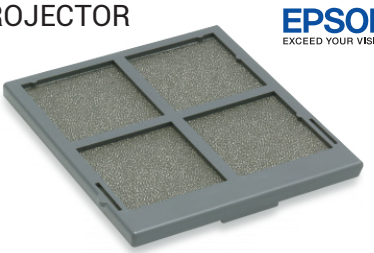


Suits Epson EB-G7800NL, EB-G7000WNL, EB-G7200WNL, EB-G7400UNL, EB-G7500UNL, EB-G7905UNL projectors.

Throw ratio	Model	Code
0.65~0.78	ELPLU03	43192078
1.44~2.32	ELPLM08	43192088

AIR FILTER FOR EPSON PROJECTOR

EPSON EXCEED YOUR VISION



EMP-S3 / X3 / S4 / 732 / 740 / 745 / 750 / 760 / 765 / 1700 / 1710 / 1715 / 1810 / 1815 / 1825.

ELPAF08 43192220

RECHARGEABLE ACTIVE 3D GLASSES

SONY



- Made from Titanium; light and stylish allowing an ergonomic design for the highest ever comfort
- Excellent colour accuracy and high contrast
- Wide viewing angle allows you to sit where you want with seamless synchronization for a clear precise image
- Comfortable fit, even when wearing glasses
- Quick charge; 5mins provides approx. 3hrs use; 40mins provides approx. 15hrs use

SYTDGBR750 43197026

SET TOP BOXES

HD FTA STBS

FREEVIEW PLUS SET TOP BOX

aerialBox



The T2100 is a Freeview Plus Certified Terrestrial Receiver.

- Built-in Wi-Fi
- USB PVR Recording
- Enhanced TV Guide – 8-days forward and back in time
- The best of both worlds - Watch Live & On Demand
- Reminders to notify you when your show's about to start
- Personalise your Freeview Plus with your favourites

T2100 09006086

DUAL FREEVIEW STB WITH 1TB HDD

aerialBox



The T2200 is a Freeview Plus Certified Digital Recorder.

- Built-in Wi-Fi
- Built-in 1TB Hard Drive (approx. 500hrs recording)
- 7-Day Electronic Program Guide
- Easily find and discover Catch Up and Live TV shows
- Pause, Rewind & Record Live TV

T2200 09006088

WINTAL HD SET TOP BOX

Wintal Digital Living



High definition digital set top box with learning remote.

- PVR ready via USB
- DVBT, MPEG-2, MPEG-4, H.264 compliant
- Multimedia playback via USB
- Teletext and subtitle
- Licensed Dolby Digital audio codec
- Less than 1W stand-by power

STB18HD 43120690

HD SET TOP BOX WITH USB

healing



USB Recorder and Media player via the USB port.

- TimeShift live TV
- Parental Lock
- Resolutions up to 1920 x 1080i
- Compact case dimensions: 168(W) x 90(D) x 36(H)mm

HHT651 43121214

HD DIGITAL SET TOP BOX

STRONG



- Record to USB
- Pause and Rewind live TV
- Access the latest digital channels
- Electronic program guide
- HDMI, Component & Composite outputs
- Digital Audio Output

SRT5434 43121488

SATELLITE RECEIVERS

MPEG-4, DVBS2 HD SAT RECEIVER

STRONG



Strong SRT4922B+ HD Satellite receiver.

- DVR Function via USB External Hard Drive (Not Supplied)
- RF Modulator
- High definition, DVB-S2 MPEG-4 Compliant
- Time Shift, Record & Playback
- Access to Youtube, Internet Radio, Weather, Maps, Flickr & Picasa via LAN

SRT4922B+ 01000829

SRT4950E HD DVBS2 SAT RECEIVER

STRONG



- High Definition DVB-S2 MPEG-4 Compliant
- Suitable for both C-Band & Ku Band systems
- DVR Function via USB External Hard Drive (Not Supplied)
- HDMI, Composite Video Outputs
- RS-232 & RF Modulator

SRT4950E 01000842

12/240V VAST SATELLITE

SatKing



DVBS2-800CA VAST (Viewer Access Satellite Television) certified high definition satellite receiver brings a new level of features to the Australian VAST platform.

- Designed with ease of use in mind
- Optus VAST card is already loaded in the decoder for you
- PVR ready via USB as standard
- 12/240 Volt operation for home or RV use

DVBS2800CA 01000845

VAST FREEVIEW PLUS TWIN TUNER

SatKing



DVBS2-980CA is VAST & Freeview Plus certified satellite TV receiver.

- Australian VAST Certified
- Freeview Plus Catch up TV Certified
- Twin Tuner
- USB PVR ready 3TB maximum external Hard Drive

DVBS2980CA 01000848

12V VAST TWIN TUNER BOX

ALTECH UEC



Australian VAST certified.

- Dual Tuner
- External 240V/12V DC power supply
- PVR ready
- Supplied with HDMI lead

DSD4921RV 01000854

VAST PVR READY UPGRADE KIT

ALTECH UEC



- New remote control
- New manual
- Scratch panel with unique registration code

DSD4121UPGRADE 01000855

DVB-S2 HD MPEG-4 SATELLITE STB



A richly featured Satellite Free to Air receiver which includes a fully functional USB Recorder.

- Simplified first time installation
- Sensitive SHARP tuner that delivers stable pictures from weaker Satellite signals
- Accepts USB Bus powered Hard Disk Drives
- Flexible Media Player plays MP3, JPEG, AVI, MKV, DivX3.11, 4.X, 6.X, FLV, H.264MP, AP@L3, RM and RMVB files
- Video outputs: HDMI, Composite and Component

HHS242 01001015

DVB-S2 TO DVB-T PROCESSOR

FRACARRO



This Fracarro kit will deliver perfect VAST reception around apartment blocks, nursing homes and other MATV systems.

- Includes 2x VAST cards!
- Compact all-in-one headend
- 4 independent SAT inputs (DVB-S2)
- 2 independent DVB-T or DVB-C output mux

D-MATRIX-4SEVOKIT 37400202

HD FTA PVRS

BLU-RAY PLAYER & HD TWIN TUNER

STRONG



Strong SRT6500 Blu-ray player & twin tuner HD recorder.

- Built-in Multi Region DVD/Blu-ray Player
- Smart Series Record with Auto Padding
- Chase Play, Editing, Book Marks and Ad skipping options
- Clever Home Network Sharing
- Multimedia Playback
- Record up to 250 hours of content (500GB HDD)

SRT6500 10305910

SMART NETWORK TWIN HD RECORDER

Panasonic



Never miss your favourite program.

- Twin HD tuners
- 1TB HDD
- 4K Upscaling
- Series and Keyword recording
- Smart network interaction

DMRHWT260GN 43121318

HD TWIN TUNER 500GB DVR

STRONG



PVR with AV input and RS232.

- Twin HD Tuner
- 500GB Hard drive
- Internet Browser
- Smart series record
- Smart phone connectivity
- Streaming to DLNA devices
- Closed Captions

SRT7014 43121545

TWIN TUNER 500GB PVR

ALTECH UEC



Altech UEC Twin Tuner PVR.

- 500GB Hard Drive
- 2x Inbuilt Tuners
- Pause and Time Shift Live TV
- Intuitive Recorded content manager
- Media playback via USB
- Free eight day electronic program guide
- 1080p Video Output

PVR9600Q 43122020

BLU-RAY

BLU-RAY PLAYERS

BLU-RAY DVD & CD PLAYER

CAMBRIDGE AUDIO



The ultimate universal CD / Blu-ray DVD player.

- Plays 3D Blu-ray, Blu-ray, DVD, CD, SACD, DVD-A, AVCHD and HDCD
- 2x HDMI inputs (one with MHL)
- Anagram Q5 192kHz up-sampling technology to 24-bit/192kHz
- 5 separate Wolfson WM8740 D/A converters
- 2D to 3D video conversion
- 4K up-scaling from video sources
- High quality Marvel QDEO video processor

752BD 10300064

BLU-RAY DVD PLAYER

SAMSUNG



High Quality entry level Blu-ray player.

- Video decoding format: MPEG-2/4
- Supports: DivX / DivX HD / AVCHD / WMV / JPEG
- Audio Decoding: Dolby Digital Plus / TrueHD
- Quick start Mode: (0.5 sec)

BDJ4500 10302514

MULTI REGION BLU-RAY PLAYER

LASER



Multi-region Blu-ray player capable of playing discs from any country.

- Full Dolby Digital and DTS sound – not just stereo
- Networking and DLNA capable for content from computers and NAS
- Inbuilt USB media player
- 3 Year Warranty

BD3000 10303031

2D BLU-RAY DVD PLAYER

Panasonic



Compact Blu-ray player with networking.

- Compact stylish design
- Compatible with a wide variety of formats, including high-resolution audio files from a wireless home network
- Netflix, Youtube and more
- Simple Internet Apps
- External USB HDD Playback

DMPBD84 10304597

SMART NETWORK 3D BLU-RAY PLAYER

Panasonic



Enliven your entertainment experience.

- Superb picture quality
- 4K UHD Upscaling & 4K JPEG Playback
- Built-in Wi-Fi & Smart Network functions
- Share contents with other devices such as your smartphone or tablet

DMPBDT280 10304648

ULTRA HD BLU-RAY PLAYER

Panasonic



Cinematic, Hollywood picture quality.

- Ultra HD Blu-ray Playback (4K/HDR)
- Twin HDMI outputs
- High-Resolution Audio Playback
- 4K VOD Supported

DPUB420 10304513

NETWORK 3D BLU-RAY PLAYER

Panasonic



Smart Network 3D Blu-ray Disc™/ DVD Player and HDD Recorder.

- Hard Drive: 500GB
- 341hrs of HD Recording in HM mode
- Twin HD Tuners
- Smart Networking
- 4K Direct Chroma Up-Scaling
- High resolution sound
- Series record function
- Wi-Fi built-in

DMRPWT560 10304658

BLACK NETWORK BLU-RAY PLAYER

DENON



Denon Black DBT3313UD universal, high performance Blu-ray DVD player.

- 3D Blu-ray player
- DVD, DVD Audio, SACD and CD player
- DLNA Audio streaming; 192kHz / 24bit WAV / FLAC support, MP3, WMA & AAC
- A/V Pure Direct (Dual HDMI output)
- Video streaming; MPEG, MP4, DivX, MKV, WMV & AVI
- Denon Link HD
- Full iOS or Android App control when connected to a DENON AVR13 series Network AV Receiver via HDMI cable

DBT3313UDBK 10307951

4K BLU-RAY PLAYER HDR MULTIROOM

SAMSUNG



Play 4K Blu-ray Discs And Streaming Video. Experience sharp contrasts and brightness with deeper blacks and brighter whites.

- HDR (High Dynamic Range)
- Multi-room Solution
- Wireless LAN built-in
- SMART Hub including web browser
- Can play movies, photos and songs from a compatible device via USB to your connected TV
- Simple one HDMI cable setup
- Dimension: 406(H) x 44.7(W) x 230(D)mm

UBDK8500XY 10302525

BLU-RAY RECORDERS

4K PLAYBACK BLU-RAY RECORDER

Panasonic



Premium Blu-ray recorder.

- 4K Video Playback with native 4K pictures
- Simultaneous recording of 3 TV programs with 3 tuners
- Flexible viewing with TV Anytime
- Smart Network Interaction – HbbTV, Netflix
- DIGA lets you watch both recorded & live programs on your smartphone or tablet

DMRBWT955GL 10304668

CD

CD PLAYERS

TOPAZ MP3 & WMA CD PLAYER

CAMBRIDGE AUDIO



- Wolfson 8761 DAC (Digital to Analogue Converter)
- CD, MP3 and WMA playback from suitably encoded discs
- Analogue and S/PDIF digital outputs
- Full Remote control

CD10 08850088

OPTIMISED MUSIC CD TRANSPORT

CAMBRIDGE AUDIO



Optimised CD Transport for music.

- Suits CXA60 and CXA80 amplifiers and hi-end DACs
- Cambridge Legendary 'S3' servo design

● CXCB 08850098

CXCS 08850099

BLACK SINGLE CD PLAYER

AMC



Audiophile quality single CD player.

- A premium transport and servo drive system
- Separate power windings for Digital, Analogue and servo circuits
- Burr Brown D/A converter
- 3 Year Warranty

XCDIB 08850160

MULTI DISC CAROUSEL CD PLAYER

Sherwood



Sherwood 5 disc carousel CD player.

- Multibit DAC
- 8 Times Oversampling
- USB Host: MP3/WMA
- Headphone output jack
- A-B Repeat, intro scan, delete play via remote
- Elapsed / Remaining Time Button
- Playable Discs Audio CD, CD-R, CD-RW (CD Audio, MP3, WMA)

CDC5506 08853572

BLACK SUPER AUDIO CD PLAYER

YAMAHA



Designed, built and tuned for truly exceptional music reproduction performance.

- Ultra quiet loading mechanism and high precision CD Drive
- Four-part Power Supply with independent structure
- Super sound from super audio CDs

CDS1000BBG 08857047

SUPER AUDIO CD PLAYER

YAMAHA



Esoteric super audio CD player.

- Left-right symmetrical construction
- Digital/analogue circuitry with integrated power supplies
- High precision CD drive for greater vibration resistance
- High rigidity aluminium CD tray
- High performance 32-bit D/A converter from ESS
- Built-in USB DAC functions, and ASIO 2.3 Yamaha Steinberg USB Driver

CDS2100SBG 08857051

● CDS2100BBG 08857052

5-DISC CAROUSEL CD PLAYER

YAMAHA



Yamaha's CD players combine exclusive technology such as Pure Direct and Play Xchange, along with iPod Connectivity – ideal for bringing old-school Hi-Fi together with the iPod generation.

- Yamaha patented Play Xchange
- Fully opening disc tray for changing 5-discs at a time
- Pure Direct
- MP3 and WMA compatibility
- Extremely sophisticated circuitry and layout for short signal paths
- High performance DAC
- USB port on front panel
- RS-232C interface and IR in/out

●	CDC600B	08859122
◒	CDC600S	08859123

CD PLAYER WITH IPOD SUPPORT

YAMAHA



- High sound quality
- Pure Direct
- Extremely sophisticated circuitry and layout
- High performance DAC for high conversion precision with low noise
- Laser pick-up floating mechanism
- Intelligent digital servo
- Short signal paths
- High quality parts

●	CDS300B	08859120
◒	CDS300S	08859121

CD PLAYER WITH USB PORT

YAMAHA



CD player combines high-quality sound and easy operation.

- Superior loading mechanism with superior quietness and precision CD Drive
- Differential D/A converter
- Independent-structure power unit
- USB port on front panel
- MP3 and WMA disc playback compatibility
- Gold-plated output terminals
- Available Colours: Black & Silver

●	CDS700B	08859124
◒	CDS700S	08859140

DVD

PORTABLE DVD PLAYERS

10" PORTABLE DVD PLAYER

LASER



Watch DVDs, listen to CDs or playback Video/ MP3/DivX files.

- 180° swivel monitor to suit any position
- Car and home power adaptors included
- Video and audio output for connection to a monitor or TV
- 25.44cm (10") LCD widescreen swivel (1024x600 pixels)
- Rechargeable Li-Ion battery
- Full function remote control

DVDPT10B 10308301

7" PORTABLE DUAL SCREEN DVD

LASER



DVD Player Dual In Car 7".

- Playback music, video or images from CD/DVD, USB flash or SD/MMC/MS cards or via 3.5mm AV input
- Operate one or two screens, connect to another TV or monitor. Alternately view other content by connecting via the AV Input
- Each screen comes with individual volume controls and onboard stereo speakers
- Ideal for in-car use or on the move, easily attaches to car headrests using the supplied headrest case holders (2 sets supplied)
- Full function remote control with OSD menu - Control all functions from the slim line remote control via the On Screen Display menu

DVDP7D 10308304

7" PORTABLE DVD PLAYER

LASER



DVD Player Portable 7" Wide Screen.

- Watch DVDs, listen to CDs or playback Video/ MP3/DivX files
- 180° swivel monitor to suit any position
- Car and home power adaptors included
- Video and audio output for connection to a monitor or TV
- Rechargeable Li-ion battery
- Full function remote control

DVDPT7B 10308303

PORTABLE LCD CAR HEADREST

vogel's



Don't use a flimsy bag that is difficult to install, frustratingly unstable and makes your car interior look cheap and tacky. Instead use DVDock, the perfect alternative. It fits in most cars (except Volvo) and compatible with most players up to 10'' (screen size). The DVDock is easy to install, and placing/removing your player is done in seconds.

- Tilt function allows for the perfect viewing angle
- Stylish design
- Made of high quality materials

EMC5000 43130205

DVD PLAYERS

MULTI REGION DVD PLAYER

LASER



- USB (ver 2.0 or less) input for media playback
- HDMI Output, Composite video output and Left/Right Channel stereo output
- Supported types: AVI (Xvid, MPEG-4), Divx (1-4), MP3, JPEG (and others)

HD008 10300078

MEDIA PLAYERS

ANDROID MEDIA PLAYER WITH STB

LASER



- Built-in Digital HD TV Set Top Box, great for old TV or monitor receiving Free To Air channel
- Watch video sites such as Netflix, Youtube, catch up TV and more
- Pre-load Google Play Store, which has thousands of Apps
- DLNA, MIRACAST
- Wi-Fi and LAN

MMCB18 09006106

HDMI MIRACAST DONGLE ANYCAST

MiraScreen



Compatible with iOS, Android & Windows/Mac.

- Stream content from your smartphone, tablet or PC to your TV

AR1922 09006122

SCREENSHIFT HDMI MEDIA PLAYER

KAISER BAAS



- Works with any TV with an HDMI port to enjoy high-quality video, image and music streaming
- Wirelessly display any photographs, videos, music, internet content on your TV
- Simply download the free EZCast App for any smartphone, PC or Mac, use your device settings to connect to ScreenShift, and enjoy content on TV
- Compatible with multiple OS iOS 5.0 or up, Mac OS 10.7 or up, Android 4.0 or up, Windows XP/Vista/7/8

SCREENSHIFT 09006132

1080P MINI MULTIMEDIA PLAYER

Wintal Digital Living



- Full HD 1080p HDMI output
- Dolby Digital and DTS 5.1 Surround Sound Pass-through via Digital Coaxial output
- Connect your USB flash drives or powered external HDDs to playback supported media formats
- SD / SDHC / MMC card input
- File system: FAT / FAT32 / NTFS
- Video: MKV, AVI, TS/TP, MP4/MPV, MOV, VOB, PMP, RM/RMVB, MPG, M2TS, WMV, FLV
- Audio: MP3, WMA, OGG, FLAC, APE, AAC, AC3

MICRO2+ 09006156

2.4GHZ WIRELESS AIR MOUSE

MINIX Next Generation Computing



Designed to make commanding your entertainment easy.

- Air mouse for MINIX Media Hubs for Android
- Built-in microphone
- Full keyboard on the reverse side
- Latest six-axis gyroscope technology
- Dedicated multimedia key pad
- 2.4GHz wireless connectivity

NEOA3 09006979

2.4GHZ WIRELESS AIR MOUSE

MINIX Next Generation Computing



Minix Neo A2 Lite wireless air mouse.

- USB plug and play
- Double sided keyboard
- Compatible with Windows, OS X, Android, Linux
- Gyroscope gaming support (on MINIX NEO Series)

NEOA2LITE 09006981

4K UHD ANDROID MEDIA HUB

MINIX Next Generation Computing



- Android 5.1.1 OS
- Gigabit Ethernet
- 64 Bit Quad Core
- 2 x 2 MIMO ac-Wi-Fi
- 4K Video @ 60fps
- XBMC MINIX Edition

NEOU1 09006987

4K UHD ANDROID MEDIA HUB

MINIX Next Generation Computing



- High Dynamic Range (HDR)10
- 16GB eMMC internal storage
- 802.11ac 2 x 2 MIMO Dual-Band Wi-Fi and Gigabit Ethernet
- Dolby Digital Audio
- Android Marshmallow 6.0.1 OS
- Dual DRM Support – Play Ready 3.0 + Google Widevine Level 1

NEOU9H 09006989

INTEL X5-Z8300 CHERRY FANLESS

MINIX Next Generation Computing



Minix Palm size fanless mini PC.

- Intel X5-Z8300 (64-bit) processor
- Intel HD Graphics GPU
- 32GB eMMC 5.0 internal storage
- Windows 10 (64-bit) - operating system
- 802.11ac Dual Band Wi-Fi (2.4GHz/5.0GHz)
- Bluetooth 4.2

Z834 09006993

INTEL QUADCORE N3150 BRASWELL

MINIX Next Generation Computing



Fanless mini PC with Windows 10.

- 4K Video @ 30fps
- 3x USB 3.0-ports
- Dual-Band 802.11ac Wi-Fi
- Bluetooth 4.2 Connectivity

NGC1 09006998

OCTA CORE CORTEX A 53

MINIX Next Generation Computing



Top of the line Industrial solution.

- Ultra high-definition
- Unique digital signage features
- Memory: 2GB DDR3
- Exceptional power efficiency
- Processor: Octa-Core ARM Cortex-A53

NEOX68I 09007010

BLACK NETWORK PLAYER

CAMBRIDGE AUDIO



The CXN network player creates harmony between your music and networked lifestyle.

- 4.3" (11cm) colour display
- 24-bit/384kHz up sampling
- Dual Wolfson WM8740 24-bit DACs
- Digital, balanced XLR and unbalanced RCA analogue outputs
- Browse music by artwork, artist, playlist and more
- Cambridge Connect App for Apple and Android devices

CXNB 09007445

BLACK NETWORK AUDIO PLAYER

DENON



Open up to the world of streaming.

- Built-in Wi-Fi, AirPlay® and DLNA
- High quality sound engineering
- Universal playback of digital music files
- Internet radio
- Supports Hi-res Audio formats
- USB Audio (Front) / Made for iPod / Made for iPhone
- DLNA certified (v1.5)

DNP730BK 09007457

NETWORK CD PLAYER

YAMAHA





Affordable CD player with network audio capabilities.

- Compatible with Internet radio and various music streaming services
- AirPlay® compatible
- NP CONTROLLER APP for smartphone and tablet
- The App's Music Play function allows wireless music enjoyment
- FLAC or WAV 192kHz/24-bit Audio Playback

●	CDN301	09007462
●	CDN301S	09007464

MUSICCAST NETWORK PLAYER

YAMAHA





Simply connect with your favourite amplifier and step into a new world of audio enjoyment.

- MusicCast
- MusicCast Controller App
- Bluetooth
- Hi-res Audio

●	NPS303B	09007485
●	NPS303S	09007490

WI-FI DIRECT DONGLE

Sherwood



- Direct A/V streaming without the need for existing Wi-Fi network
- iOS & Android compatible with free Sherwood Apps
- Internet Radio via vTuner platform
- HDMI output
- Optical digital audio output
- Graphic on Screen Display via HDMI
- Ethernet connection for Internet Radio & DLNA access

WD1 09009106

4K ULTRA HD MEDIA PLAYER

STRONG



Play HD Movies, music and photos.

- 4K Ultra HD resolution
- Quad Core, Android Operating system 6
- Access HD Movie content through Netflix, Stan, Youtube, App Store & more
- 2GB RAM, 16GB built-in storage
- DLNA/Miracast / Airplay supported
- Access YouTube, Facebook, Twitter, Playstore all direct on your TV screen

SRTRB4K 09009155

CAMERA RECORDERS

HD 1080P WI-FI ACTION CAMERA

GATOR



Take the Gator GC200 on your next adventure to capture the moment in HD.

- 1080p HD Recording
- Built-in Wi-Fi
- 2" LCD Screen
- Waterproof to 30m with case included

GC200 15500200

2" 1080P SMART DASH CAM

Uniden



The IGOCAM30 offers high-quality footage with Full HD resolution (1080p) and a 2" LCD colour screen.

- Camera Resolution 1080p Full HD
- 2" LCD Colour Screen
- 3 Axis G-Sensor
- Parking Mode
- Wide View 120°

IGOCAM30 43170454

2.4" 4K SMART DASH CAM

Uniden



With a sleek and a compact design, the IGOCAM80 is an excellent choice for Smart Dash Cams.

- Video Resolution 2160p Up to 4K
- Wide Dynamic Range Images (WDR)
- GPS Geotagging
- Speed / Red Light Camera Warnings
- Smartphone App

IGOCAM80 43170464

2.7" 1080P SMART DASH CAM

Uniden



Simultaneously record both back and front views when on the road, with this slim and elegant design Dash Cam set. It's the ultimate choice for Smart Dash Cams.

- 1080p Full HD
- Dual Camera/2-Channel Recording
- Ultra Wide View 150°
- Parking mode
- GPS Geotagging

IGOCAM50R 43170458

AMPS & RECEIVERS

STEREO AMPLIFIERS

WEB BASED MINI STEREO AMP

AUDAC



- 4x stereo line inputs
- 2x 15 Watts
- 1x Balance microphone input
- Control by Web browser, RS232 or Audac Touch™ App

AMP523 01453425

2 X 120W RMS STEREO AMPLIFIER

DIGITECH



- Two channels at 120W RMS each
- Dual line audio input
- Headphone amplifier
- Remote control

AA0520 01454121

STEREO INTEGRATED AMPLIFIER

AMC



Small size but high current amplification.

- Toroidal transformer
- Power Output: (30 or 50W) RMS @ 8Ω
- Phono Input: MM / MC
- Freq response: 20Hz-20kHz ±0.5dB
- Tone bypass
- 3 Year Warranty

30W RMS per channel	XIA30B	01610750
50W RMS per channel	XIA50B	01610754

100WRMS PER CHANNEL STEREO AMP

AMC



When size does matter get all the power and performance.

- High current topology
- Quick Transient Dispersion Amplification
- Power Output: 100W RMS @ 8Ω
- Freq response: 20Hz-20KHz ±0.2dB
- Phono Input: Moving Magnet
- Tone bypass
- 3 Year Warranty

XIA100B 01610758

150W RMS -CHANNEL STEREO AMP

AMC



Budget priced high current audiophile amplifier.

- Power Output: 150W RMS per CH into 8Ω
- Rated T.H.D. 20Hz-20kHz: 0.03%
- Signal to noise ratio (ref. 1W/8Ω): 85dB
- Gold-plated speaker terminals

XIA150B 01610761

BLACK HIGH CURRENT STEREO

DENON



True 2x 45W output.

- Signal level divided construction
- Minimal signal paths
- 5x RCA and phono inputs
- Headphone and speaker outputs

PMA520AEBK 01611090

HIGH CURRENT STEREO AMPLIFIER

DENON



Silver - High Performance mid price integrated Amplifier.

- Rated output 50W + 50W (8Ω, 20Hz-20kHz, THD 0.07%)
- 85W + 85W (4Ω, 1kHz, THD 0.7%)
- Total harmonic distortion 0.01% (8Ω, 1 kHz)
- MM Phono Pre-Amp
- Frequency response: 10Hz-100kHz - +1, –3dB (DIRECT mode)
- S/N Ratio: 107dB (IHF-A weighted, DIRECT mode)

PMA720S 01611096

HIGH CURRENT STEREO AMPLIFIER

DENON



High current stereo integrated amplifier.

- True 2x 45W output
- Signal level divided construction
- 5x RCA and phono inputs
- Minimal signal paths
- Thoroughly vibration-resistant design
- Direct Mechanical Ground Construction

PMA520S 01611099

WIRELESS STREAMING ADAPTER

YAMAHA



Add smart to your sound in a simple and refined design.

- Connectable to any audio device
- Stream digital music content from your smartphone, tablet, computer or network storage
- Compatible with Tidal and Deezer High-resolution Music Streaming Services
- MusicCast for audio enjoyment in every room
- MusicCast Controller App
- Simple and refined design

WXAD10 01614710

2CH 70W EXPAND DAC / AMPLIFIER

YAMAHA

2017 SOUND & IMAGE AWARDS



Simple and Flexible, for Ultimate Listening Freedom.

- One push play
- Low Standby power
- Power Output: 2x 70 Watt
- Multi-room music streaming
- MusicCast App for easy operation
- Compact retro modern design with superior quality

WXA50 01614720

EXPAND DAC PRE-AMPLIFIER

YAMAHA



Simple and flexible, for ultimate listening freedom when used with non MusicCast Amp / Receiver.

- Compact retro modern design with superior quality
- Multi-room music streaming
- MusicCast App for easy operation
- One push play
- Main In and Trigger In terminals for control of system power and volume
- Player mode – turn off Pre-Amp and use as a network audio player
- Low Standby power

WXC50 01614724

50W X 2CH INTEGRATED AMPLIFIER

Sherwood



Premium audio quality stereo amplifier.

- Power: 50W per channel
- Discrete Amp Stage
- Bluetooth
- Phono pre-amp
- A, B, A & B speakers
- Torroidal Mains Power Transformer
- Machined Aluminium Front Panel

AX50 01614775

60W X 2 STEREO AMPLIFIER

YAMAHA



Designed for excellent sound quality, with a beautiful appearance.

- Pure Direct Mode for greater sound purity
- Digital audio inputs for TV or Blu-ray Player
- Connection for optional YBA-11 Bluetooth Wireless Adapter

AS301B 01618409

85W X 2 STEREO AMPLIFIER

YAMAHA



Impressively high sound quality with a wide range of features and an elegant appearance.

- Pure Direct Mode for greater sound purity
- Gold-plated speaker terminals and RCA (CD, Phono) and coaxial terminals
- Digital audio inputs for TV or Blu-ray Player
- Connection for Optional YBA-11 Bluetooth Wireless Adapter

● AS501B 01618411

● AS501S 01618413

100W X 2 STEREO AMPLIFIER

YAMAHA



Extremely pure sound quality & outstanding drive power.

- CD Direct Amplification and Pure Direct
- Gold-plated speaker terminals and RCA terminals
- Digital audio inputs for TV or Blu-ray Player
- Connection for Optional YBA-11 Bluetooth Wireless Adapter

AS701B 01618414

105W RMS PER CH STEREO AMP

YAMAHA



Yamaha's All-New approach to achieving superior performance.

- Floating Balanced Mosfet Power Amplifiers
- Low impedance design
- Superior quality electronic volume control for optimum sound
- Large capacity power supply
- Discretely configured phono amp
- Remote control with simple design

	AS1100BBG	01618417

MOSFET FLOATING BALANCED AMP

YAMAHA



Esoteric amplifier built with a relentless pursuit of musicality.

- Floating and Balanced Power Amplifier
- Mosfets, delivering powerful, highly dynamic sound
- Level meters visually reflect the dynamics in the music
- Superior quality electronic volume control for optimum sound
- Symmetrical design in pursuit of ideal stereo reproduction
- Discretely configured phono & headphone amps

	With Black Gloss side panels	AS2100SBG	01618418
	With light Beech side panels	AS2100SLB	01618420
●	With Black Gloss side panels	AS2100BBG	01618421

60W X 2 STEREO AMPLIFIER

YAMAHA



Designed for excellent sound quality, with a beautiful appearance.

- Pure Direct Mode for Greater Sound Purity
- Digital audio inputs for TV or Blu-ray Player
- Connection for optional YBA-11 Bluetooth Wireless Adapter

AS301S	01618425

CX SERIES 60W STEREO AMP

CAMBRIDGE AUDIO



- 60W RMS per channel into 8Ω
- Frequency Response: <5Hz ~ 60kHz (±1dB)
- Single-winding low-flux toroidal transformer
- Wolfson WM8740 DAC
- Speakers A+B, 3.5mm Headphone, Preamp Output, Subwoofer Output

●		CXA60B	01619142
		CXA60S	01619144

BLACK 80W PER CH STEREO AMP

WINNER 2016 SOUND IMAGE AWARDS

CAMBRIDGE AUDIO



Black audiophile 2-channel amplifier.

- 80W RMS per channel into 8Ω
- Frequency Response: <5Hz-60kHz ±1dB
- Separate, dual mono windings toroidal transformer
- Speakers A+B, 3.5mm Headphone, Preamp Output, Subwoofer Output
- 1x balanced XLR, 4x RCA, 1x 3.5mm MP3 inputs
- Wolfson 24-bit 192kHz WM8740 DAC

CXA80B	01619146

MULTI-ROOM WIRELESS AMPLIFIER

HEOS by DENON



Turn any speakers into a wireless zone.

- Advanced Class D digital amplification
- 100W x 2 Class D Amplification
- Dual band Wi-Fi
- Analogue and optical digital inputs
- Subwoofer preout
- Easy to Set Up

HEOSAMP	01932920

HEOS WIRELESS PRE-AMPLIFIER

2017 SOUND IMAGE AWARDS

HEOS by DENON



Multiroom component of the year.

- Turn any receiver / amplifier into a HEOS zone
- Play any song in any room on demand from streaming services
- Easy to use App
- Optical digital and analogue inputs
- Coaxial and optical digital outputs
- Multi-room function
- Easy to set up

HEOSLINK	01932924

4-ZONE 8CH X 60W SERIES 1

HEOS by DENON



Whole home multi-zone audio in a single chassis.

- 4-zones, 8-channels
- Class D 60W per channel amplifier
- Pre-amp outputs for each zone
- Link 8x Heos drives for 32-zones
- Comes with removable feet and attachable rack ears
- Setup and configuration is fast and easy via our HEOS App

HEOSDRIVE-HS1	01932926

HEOS 5.1CH 100W AVR RECEIVER

HEOS by DENON



The first 5.1CH AV receiver to drive your favourite speakers and any HEOS wireless speaker as surround channels.

- 5x 100W Class D amplifier
- Beautiful industrial design with aluminium chassis
- Latest HDMI and 4K UltraHD compatibility
- 4x HDMI Inputs
- Wireless surround channels using any pair of HEOS speakers
- Supports the latest 802.11 Wi-Fi
- Dolby TrueHD, DTS-HD Master Audio for the best multichannel sound quality

HEOSAVR	01932928

STEREO RECEIVERS

HI-FI NETWORK RECEIVER

YAMAHA



DAB+ Hi-Fi network receiver.

- MusicCast support
- High quality power amp and circuit design
- Digital Audio Input for TV or Blu-ray Disc™ Player
- Enjoy all your favourite modern music sources
- Supports High Resolution Music
- MusicCast Controller

●		RN303DB	01614693
		RN303DS	01614695

NETWORK HI-FI RECEIVER

YAMAHA



High sound quality MusicCast Hi-Fi Receiver with support for DSD 5.6MHz reproduction.

- Compatible with Yamaha MusicCast
- Bluetooth Output for convenient music streaming
- Digital audio input for TV or Blu-ray player
- USB digital connection for iPod, iPhone, and USB devices
- Pure Direct Mode for greater sound purity

●		RN602B	01614694
		RN602S	01614696

100W PER CH STEREO RECEIVER

Sherwood



Sherwood AM/FM receiver with Bluetooth.

- 100W per channel
- AM/FM Stereo Tuner
- A/B Speaker
- Phono input
- Bluetooth Audio streaming
- aptX® audio codec support
- 3 Year Warranty

RX4508	01614769

DUAL ZONE STEREO RECEIVER

Sherwood



Remote Controlled Multi-Source / Dual-Zone Stereo Receiver.

- Rated at 53 Watts RMS x 2 with less than 0.03% from 20Hz to 20kHz into 8Ω
- 35 Watts x 4-Channel in Multi-room mode
- 25-Key Unified Remote Control
- 5 Audio Inputs including phono and Tuner
- Switching for four pairs of loudspeakers from the front panel or via remote control
- Multi-source, dual-zone capable for use as free-standing unit or as a Zone 2/3 receiver/am
- Quartz PLL Synthesized Digital Tuning

RX5502 01614770

BLUETOOTH STEREO RECEIVER

YAMAHA



High performing budget Receiver.

- Bluetooth compatible
- 40 station FM/ AM preset tuning
- Auto standby function
- A, B, A+B, Speaker selector
- Power Output: 2x 100W

● RS202B 01618428

RS202S 01618430

TOPAZ 85W CH STEREO RECEIVER

CAMBRIDGE AUDIO



- 85 Watts per channel
- 4x rear mounted source inputs
- FM/AM RDS tuner with 30 presets
- Twin speaker outputs
- 1x front input for iPod or MP3
- Integrated phono stage for turntable connection
- Full remote control

SR10 01618917

AV RECEIVERS

7.2CH AV RECEIVER WITH HEOS

DENON



Enjoy an exceptional surround sound experience at an exceptional price.

- Dolby Atmos & DTS:X™
- 4K Ultra HD 60Hz video & High Dynamic Range (HDR)
- Dual band Wi-Fi connectivity
- 8x HDMI inputs and 2x HDMI outputs feature HDCP 2.2
- Audyssey MultEQ XT
- Denon & Heos App
- High resolution audio

AVRX2400H 01611191

9.2CH 200W FULL 4K HD RECEIVER

DENON



Premium 9.2ch AV receiver.

- Built-in Heos
- Dolby Atmos & DTS:X™
- Built-in Wi-Fi with 2.4GHz/5GHz dual band support
- 4K/60Hz pass-through
- 8 HDMI inputs with full HDCP 2.2 support
- AirPlay®, Bluetooth, Internet Radio, Spotify Connect, Tidal, Deezer
- Advanced multi-room options

AVRX4400H 01611203

11CH 204W FULL 4K HD RECEIVER

DENON



11-channels of audio for ATMOS (7.1.4).

- Made in Japan
- Inbuilt HEOS
- Dual monoblock amp design for fantastic audio

AVRX6300H 01611205

5.1CH 100W AV RECEIVER

Sherwood



The Sherwood RD6056 5.1 100W per CH surround receiver with HDMI 1.4a with 3D ARC, CEC and DTS 96/24.

- 100W per channel output Totally discrete output
- DTS, DTS 96/ 24, Dolby Digital, Dolby ProLogic II
- HDMI repeater
- 3x HDMI Inputs
- 1x HDMI output
- Assignable digital inputs
- Pre-programmed system remote control

RD6506 01614868

7.2CH 90W AVENTAGE AV RECEIVER

YAMAHA



Premium AVENTAGE performance and construction.

- MusicCast multi-room technology
- Music streaming services built-in
- Amazon Alexa voice control compatibility
- HDMI (5-in/2-out) with Dolby Vision & hybrid Log-Gamma
- Phono input for vinyl playback

RXA780B 01618530

7.2CH 100W AVENTAGE RECEIVER

YAMAHA



Bring studio-grade performance into your home.

- Ability to add wireless surround speaker/s
- YPAO™-R.S.C.
- Two Zone
- Amazon Alexa voice control compatibility
- MusicCast multi-room technology
- Music streaming services built-in

RXA880B 01618532

7.2CH 110W AVENTAGE RECEIVER

YAMAHA



Flexibility to entertain the entire family.

- Surround:AI automatically optimises the surround effect in real-time
- Dolby Atmos® and DTS:X™ with CINEMA DSP HD3
- YPAO™-R.S.C. with multi-point measurement & EQ
- Ability to add wireless surround speaker/s
- Amazon Alexa voice control compatibility
- High quality parts for optimum performance
- Professional quality digital audio by ESS DAC

RXA1080B 01618534

9.2CH 140W AVENTAGE RECEIVER

YAMAHA



RXA-2080 Aventage AV Receiver – Market-leading performance and innovation.

- 9.2-channel powerful surround sound
- Surround:AI automatic optimisation
- Dolby Atmos® and DTS:X™
- Ability to add wireless surround speaker
- Alexa voice control compatibility
- MusicCast multi-room technology
- Music streaming services built-in

RXA2080B 01618536

9.2CH 150W AVENTAGE RECEIVER

YAMAHA



RXA-3080 Aventage AV Receiver – home entertainment redefined.

- 9.2-channel powerful surround sound
- Surround:AI automatic optimisation
- Dolby Atmos® and DTS:X™
- Ability to add wireless surround speaker
- Alexa voice control compatibility
- MusicCast multi-room technology
- XLR balanced input terminals

RXA3080B 01618538

SLIM 7.2CH 60W 4K AV RECEIVER

YAMAHA



Aventage 7.2-channel slim AV Receiver.

- Anti resonance technology and aluminium front panel
- 4K Ultra HD compatible HDMI with HDCP2.2-Zone 2 control
- Wi-Fi and Bluetooth built-in
- Supports MusicCast wireless multi room technology
- Phono Input

RXAS710B 01618707

9.2CH AV RECEIVER W/3D SOUND

YAMAHA



9-channel receiver supporting 4-zones and Surround:AI.

- MusicCast multi-room technology
- Music streaming services built-in
- Dolby Atmos® and DTS:X™ with CINEMA DSP HD3
- Ability to add wireless surround speaker/s
- Amazon Alexa voice control compatibility
- HDMI® (7-in/3-out)
- Phono input for vinyl playback

RXV2085 01618766

7.2CH ATMOS +MC AV RECEIVER

YAMAHA



Yamaha first "audiophile" AV receiver in the 85 series also has Surround:AI.

- Dolby Atmos and DTS:X™ with CINEMA DSP HD3
- YPAO-R.S.C. multi-point measurement & precision EQ
- Ability to add wireless surround speaker/s
- Amazon Alexa voice control compatibility
- MusicCast multi room technology
- Music streaming services built-in
- Professional quality digital audio by ESS DAC

RXV1085 01618767

5.1CH 115W HDCP2.2 AV RECEIVER

YAMAHA



Yamaha's entry level network AV receiver with DAB Digital Radio tuner.

- DAB/DAB+ tuner
- HD Audio with CINEMA DSP 3D
- Amazon Alexa voice control compatibility
- Music streaming services built-in
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma
- YPAO™ sound optimisation

RXD485 01618768

7.2CH 150W HDCP2.2 AV RECEIVER

YAMAHA



7.2-channel AV receiver with advanced features & functionality, including two HDMI outputs and MusicCast Surround capability.

- Ability to add wireless surround speaker/s
- YPAO™ Reflected Sound Control (R.S.C.) sound optimisation
- Amazon Alexa voice control compatibility
- MusicCast multi-room technology
- Music streaming services built-in
- Phono Input
- 2x HDMI outputs

RXV685 01618769

7.2CH 115W 4K ULTRA HD

YAMAHA



7.2-channel AV receiver supports the latest network functions for an amazing AV experience.

- Ability to add wireless surround speaker/s
- Dolby Atmos® and DTS:X™ support
- Amazon Alexa voice control compatibility
- YPAO™ sound optimisation
- Music streaming services built-in
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma

RXV585 01618770

5.1CH 115W HDCP2.2 AV RECEIVER

YAMAHA



Enter a world of smart home entertainment.

- HD Audio with CINEMA DSP 3D
- Amazon Alexa voice control compatibility
- Music streaming services built-in
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma
- YPAO™ sound optimisation

RXV485 01618771

5.1CH 100W BLUETOOTH RECEIVER

YAMAHA



Bluetooth compatible 5.1-channel AV receiver with fully discrete configuration and high-quality DACs.

- 5-channel powerful surround sound
- HD Audio with CINEMA DSP
- HDMI (4-in/1-out) with Dolby Vision™ and Hybrid Log-Gamma

RXV385 01618772

POWER AMPLIFIERS / MONO BLOCKS

11CH 150W POWER AMPLIFIER

YAMAHA



Incredibly clean, transparent output at all power levels.

- Specially designed high rigidity chassis and highest quality parts
- Bi-amping capability with channel selector
- High quality gold-plated speaker terminals

MXA5000 01618702

11.2CH AVENTAGE PREAMP

YAMAHA



The ultimate Home theatre 11.2-channel AV Pre-Amplifier.

- Perfect partner for the MXA500 power amp
- Dolby Atmos® and DTS: X™ support
- Highly reliable balanced connections and high quality XLR terminals
- The Next-generation CINEMA DSP HD3
- MusicCast for audio enjoyment in every room
- Versatile Zone control up to four Zones including party mode
- Handy Trigger control

CXA5100B 01618703

7CH 170W AMPLIFIER

EARTHQUAKE SOUND
Sound That Will Move You.



With a monaural design, the Cinénova7 has a clear sound quality with low distortion.

- At 8Ω, the Cinénova7 outputs 170W RMS measured with all channels driven
- The perfect amount of power for most home theatres and can accommodate a diverse amount of audio set-ups
- The Cinenova is fitted locally with massive twin toroidal transformers, specifically for Australian voltages

CINENOVA7B 39815910

300W MONO OR STEREO AMPLIFIER



XJ300ST 300W Mono or Stereo Amplifier.

- Wall or rack mountable
- Class "J" stereo modular design
- Built-in room corrections and 0-180° phase adjustments
- Auto signal/music sensing

XJ300ST 39816003

MONO BLOCK 700 WATTS AMPLIFIER



Earthquake XJ-700R is a ruggedly constructed high quality professional subwoofer amplifier equally suited for home or professional use. It is ideal for heavy-duty sub-woofer application, powerhouse for multiple tactile transducers, and a variety of other home and studio applications.

- 1x 400 Watts RMS @ 8Ω load
- IR Remote control
- Music & Movie modes
- Rack Mount Space: 1U
- Signal To Noise Ratio: >112dB (balanced) 108dB (unbalanced) @ rated power

XJ700R 39816005

250W MONO/SUBWOOFER AMP

Stealth Acoustics



The Stealth Acoustics 255R is an integrated monaural subwoofer amplifier / crossover system designed as a low distortion power source for Stealth Acoustics wall or ceiling mounted, invisible subwoofer panels or other unpowered subwoofer speakers.

- Rack Mountable: (2) RU spaces (3-1/2") provided rack ears are removable
- DC Protected: Fixed High Pass Filter @18Hz
- Variable Low Pass Filter: 50-150Hz / 18dB per octave
- Power Standby LED: red (blue when system is active)
- Auto On/Standby Function: switch selectable "On" or "Off"
- Amplifier Output Connector: 5-way Binding Post
- Output monitor LED's: 6 Level readings

255R 39817430

1000W RMS CLASS J DSP AMPLIFIER



The XJ-1000FR is the flagship of the XJ series. Featuring advanced patented Class J output technology, full PC interfaced DSP engine, OMEGA control, VE-TAT acceleration and MARS protection - all in a cool running 1U form factor.

- 2x 150W RMS (8Ω Stereo)
- 1x 600W RMS (8Ω Bridged Mono)
- Frequency Response 10Hz~24kHz
- MAC & PC compatible DSP Interface
- IR Remote control

XJ1000FR 39816007

AV SYSTEMS

MINI HI-FI SYSTEMS

CD - DAB+FM - BT MUSIC SYSTEM

CAMBRIDGE AUDIO



A system designed for Audio lovers.

- Control Unit: Cambridge One music system
- Features: CD, DAB+FM & Bluetooth
- Speakers: SX50 - 5" 2-way Bookshelf
- Colour: Black

ONESX50BL 01619052

DVD MICRO MUSIC SYSTEM

PHILIPS



- Lightning dock
- HDMI 1080p up-scaling to high definition
- HDMI ARC to access all the sound from your TV
- Bluetooth wireless music streaming via your devices
- USB Direct for easy MP3 music playback
- 150W RMS
- Karaoke

DTD3190 01931390

TURNTABLE HI-FI WITH CD PLAYER



Belt-Drive Turntable for 33, 45 & 78s.

- CD Player & USB Port
- Bluetooth Streaming
- AM/FM Radio

GE4100 01931454

MICRO NETWORKING STEREO SYSTEM

YAMAHA



The MCR-N670 Micro Component System redefines Hi-Fi.

- MusicCast
- Bluetooth Output for music streaming
- Advanced technical design for superior sound
- Subwoofer output for extra bass power
- Power output: 65W per Channel
- THD: 0.003%

●	MCRN670BBG	01938390
◒	MCRN670SBG	01938392

MICRO NETWORKING STEREO SYSTEM

YAMAHA



Budget micro Audio system allowing you to enjoy a wide range of sources.

- MusicCast
- Bluetooth Output for music streaming
- Internet radio and various music streaming services
- High performance speaker with VCCS
- AirPlay® allows music streaming from Mac, PC, iPod, iPhone & iPad
- Control App for easy operations
- Centre Unit Colours: Black & Silver

●	MCRN470B	01938396
◒	MCRN470S	01938398

MICRO STEREO SYSTEM

YAMAHA



Playback any music source in style.

- CD player
- FM Radio
- USB & Aux input
- Bluetooth
- Available Colours: Black & White

●	MCRB020B	01938403
○	MCRB020WH	01938404

YAMAHA MICRO SYSTEM

YAMAHA



All you need for playback of any music source.

- Bluetooth
- DAB and FM Tuner
- 30 Station preset tuning
- Yamaha's Music Enhancer
- Available Colours: Black & White

●	MCRB043DB	01938408
○	MCRB043DWH	01938412

IPHONE/IPAD DOCKS

WIRELESS SPEAKER WITH AIRPLAY

B&W Bowers & Wilkins



Zeppelin Wireless delivers a whole new standard in wireless home audio.

- Advanced digital processing
- AirPlay®, Bluetooth aptX® and Spotify Connect
- Control App

	ZEPPELINWIRELESS	01933012

DIGITAL CLOCK RADIO & DOCK

PHILIPS



Universal charging cradles and clutter-free cable management. Charges any smartphone, iPhone or Android.

- Wake up to your favourite radio tune or a buzzer
- FM digital tuning with presets
- Dual alarm to wake you and your partner at different times
- Gentle wake for a pleasant wake up experience
- Sleep timer for easy falling asleep to your favourite music

	AJ3200	01931392

HOME THEATRE SYSTEMS

5.1CH HOME THEATRE PACK

YAMAHA



Get ready to rock with the LiveSTAGE 5400.

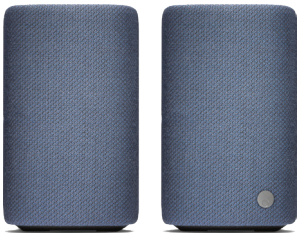
- 5.1ch cinema surround sound
- Includes 5x speakers and an active subwoofer
- Includes DJ party light

	LIVESTAGE5400	01933146

PORTABLE AUDIO

MEDIUM STEREO PORTABLE BLUETOOTH SPEAKERS

CAMBRIDGE AUDIO



Sound first design in a stylish wool finish.

- Bluetooth
- Gesture Control
- USB Charging
- Up to 24hrs battery life
- 100% Worsted wool

	YOYOMBL	01931172
	YOYOMLG	01931175
	YOYOMDG	01931178

PORTABLE BLUETOOTH SPEAKER

CAMBRIDGE AUDIO



English sound and style portable Bluetooth speaker.

- Gesture Control
- USB Charging
- Inbuilt mic for receiving phone call
- Up to 14hrs battery life
- 100% Worsted wool

	YOYOSBL	01931160
	YOYOST	01931163
	YOYOSLG	01931166
	YOYOSDG	01931169

HOME AUDIO SYSTEM

CAMBRIDGE AUDIO



All in one Home audio System.

- Hi-res Audio Compatible
- Bluetooth streaming, Google Cast and Spotify Connect
- HDMI with ARC input for your TV
- Learns TV remote commands for seamless integration
- TOSLINK optical and aux connections

	YOYOLLG	01931181
	YOYOLDG	01931184

ULTRA COMPACT WIRELESS SPEAKER

CAMBRIDGE AUDIO



An ultra-compact Bluetooth speaker with big sound.

- Bluetooth with NFC
- 3.5mm jack input
- Wirelessly link two G2s together
- Charges your device on the go
- Speakerphone functionality
- 10hr battery life
- Class D digital amplifier

	G2BL	01931201
	G2CH	01931202
	G2RE	01931203
	G2BLU	01931205

WIRELESS PORTABLE MUSIC SYSTEM

CAMBRIDGE AUDIO



Take an award winning Bluetooth speaker, add NFC pairing, and the ability to charge your phone while you play, and you have a party anywhere!

- Quick 2hr recharge
- Bluetooth technology (remembers up to 8 Bluetooth devices)
- Mains or battery powered
- Digital Signal Processing (DSP)
- 5 Speaker array
- High quality Class-D amplifier
- USB charging port

	GOBLU	01931209
	GORE	01931210

100W BLUETOOTH SPEAKER

CAMBRIDGE AUDIO



Ultra high-end Bluetooth speaker.

- 4" BMR drivers
- Bass control
- Power Output: 100W
- aptX® Bluetooth
- RCA & 3.5m Aux inputs

	BLUETONE100	01931213

MINX WIRELESS MUSIC SYSTEM

CAMBRIDGE AUDIO



Cambridge Audio Air 100 wireless music system.

- High quality class-D amplifier - 100 Watt
- Apple AirPlay® technology
- Bluetooth technology (aptX®, AAC and SBC compatible)
- Internet radio
- Digital Signal Processing (DSP)
- Remote control
- Adjustable bass control

	AIR100	01931214

WIRELESS PORTABLE SPEAKER WITH RADIO

CAMBRIDGE AUDIO



Great Audio on the go.

- FM radio tuner with three presets
- AptX® Bluetooth
- USB charging port
- Digital Signal Processing
- Mains or battery powered
- Near Field Communication pairing
- High quality Class D amplifier

●	GORADIOB	01931218
○	GORADIOW	01931219

ENVAYA PORTABLE BLUETOOTH SPEAKER

DENON



Denon Envaya premium Bluetooth portable speaker.

- Connects to all your Bluetooth devices
- Premium Sound
- Charges your mobile device on the go
- Grab-n-go with 10hr rechargeable battery
- Includes 4 interchangeable grille cloth covers
- Supported codecs: aptX® low latency/ AAC/SBC
- Multi-pairing: 8

●	DSB200BL	01931223
○	DSB200WH	01931224

ENVAYA MINI BLUETOOTH SPEAKER

DENON



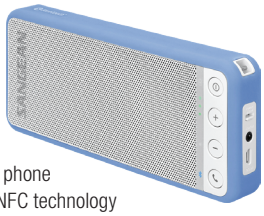
Denon Envaya mini Bluetooth portable speaker.

- Connects to all your Bluetooth devices
- Premium sound
- Built-in Microphone
- Charges your mobile device on the go
- Grab-n-go with 10hr rechargeable battery
- Available in Black or White

●	DSB100B	01931226
○	DSB100W	01931229

BLUETOOTH PORTABLE SPEAKER

SANGEAN



The BTS-101 is the ideal travel accessory.

- Handsfree speaker phone
- Touch to pair with NFC technology
- Built-in Bluetooth technology Version 4.0 Class II wireless audio streaming
- Built-in Lithium-Ion battery
- Rechargeable via Micro USB port
- Supports aptX® decoding for high fidelity music

	BTS101	01931292

WIRELESS MINI BLUETOOTH SPEAKER

STRONG



Compact size big sound.

- Stream from any Bluetooth device
- Rubberised finish
- Volume control on unit
- Up to 10hrs playback (6hrs wirelessly)

	SRTBT1R	01931383

BLUETOOTH PORTABLE SPEAKER

B&W Bowers & Wilkins



T7 Wireless Portable Speaker Bowers & Wilkins
T7 combines high-quality Bluetooth wireless streaming with compact size.

- Bluetooth streaming with aptX® (10m range)
- Rechargeable battery with 18hrs playback
- Remembers 8 devices for simple reconnection
- 3.5mm Input for connection to non-Bluetooth devices

	T7	01933013

PORTABLE BLUETOOTH SPEAKER

B&O PLAY



- Splash and dust resistant design
- Portable and easy to carry, weighing in at a very light 275 grams
- Shake and double tap to activate, no switches required
- Premium and durable materials

●	BEOP2SS	39814522
●	BEOP2RBL	39814524
●	BEOP2BLK	39814526

360 DEGREE BLUETOOTH SPEAKER

B&O PLAY



Portable Bluetooth speaker featuring True360 Sound and 24hr battery.

- True360 Sound technology
- Bang & Olufsen signature sound
- Designed for portability
- 24hr battery life
- Charging of your smartphone
- Bluetooth connectivity with social sharing

●	BEOA2SG	39814519
●	BEOA2SLV	39814531
●	BEOA2GRN	39814532

360 DEGREE BLUETOOTH SPEAKER

B&O PLAY

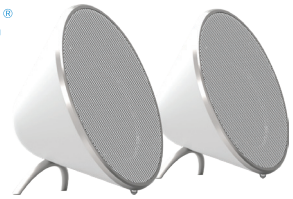


- True360 Sound
- 24hr battery
- Truly portable and dust and splash resistant

●	BEOA1BLK	39814527
●	BEOA1N	39814528
●	BEOA1GR	39814529

BLUETOOTH STEREO SPEAKERS

ASTONE®



- Sound Output: 2x 3W
- Frequency response: 150Hz-6kHz
- Bluetooth range: 10m
- 3.5mm audio jack

○	AS300TWHT	39817253
●	AS300TBLK	39817257

PORTABLE BLUETOOTH SPEAKER

tp-link



Perfect angle for indoor or outdoor music experience.

- Groovi Ripple with larger sound driver
- Pocket size with smart handle
- 20m range with Bluetooth 4.0 technology
- 240min run on 750mAh battery

	BS1001	39817263

WATERPROOF BLUETOOTH SPEAKER

DIGITECH



Fully waterproof shock resistant design.

- Integrated full range stereo speakers
- Stainless steel speaker grill cover
- Built-in rechargeable Lithium battery 7.4V 1800mAh 10hr play or talk time
- 3W Class D amplifier
- Built-in Mic with noise cancelling
- Hands free speaker-phone

	XC5208	39817265

CD/RADIO/CASSETTE PLAYER

Panasonic



The Panasonic RXD50 CD / Radio / Cassette recorder with quality sound you can take anywhere.

- Natural surround and high-quality sound
- 2-way, four speakers
- Remote control
- AM/FM Radio, CD player and cassette recorder
- Music port on front panel

RXD50 42092860

DYNAMO MULTI-FUNCTIONAL PLAYER

DOSS



The beauty of this device is the hand-cranked dynamo that means you will never run out of power! If the battery gets low, simply crank the handle to give it some more juice.

- 4x LED Torch
- AM/FM Radio
- USB/SD Card music playback
- Emergency flashing light with siren
- Charges Mobile phones and USB devices: charging adaptors included

DMP7 42097005

DICTAPHONES

SPARE 3.5MM MICROPHONE

OLYMPUS



Olympus ME12 spare microphone.

- Mono, Electret condenser microphone
- Uni-directional
- Powered by recorder
- Frequency response: 200Hz-5kHz
- Dia. 10mm x 22mm length

ME12 41856908

SPARE 3.5MM LAPEL MICROPHONE

OLYMPUS



ME-15 External Microphone – Tie Pin style.

- Highly sensitive miniature tie-clip microphone
- To record your own voice or from other people nearby
- 3.5mm monaural jack

ME15 41856910

OLYMPUS BOUNDARY MICROPHONE

OLYMPUS



Clearly record the voices of each speaker in a large conference room.

- Up to 3 units connected to a Mono Recorder (or 6 max. if connected to a Stereo Recorder)
- 2m long cord
- Ø3.5mm 3-pole mini plug & Jack (mono)

ME33 41856912

PROFESSIONAL CONFERENCE KIT

OLYMPUS



For meetings, conferences and concerts, with the ME-30W Conference Kit, it is easier than ever to capture sounds in large gatherings, all in high quality stereo.

- Easy set-up on any conference table
- Two high quality conference microphones
- Omnidirectional recording to capture every sound
- Supplied in a smart carrying case for easy portability

ME30W 41856914

PROFESSIONAL TRANSCRIPTION KIT

OLYMPUS



For dedicated transcription needs, Olympus offers the AS-2400 Transcription Kit which includes a foot-switch and headset for hands-free operation. It allows easy transfer from the voice recorder to the secretary's office.

- Main screen can be minimized to a smaller view to enable clear access to Microsoft Word
- All Folders can be renamed to reflect the workflow
- Conveniently long 3 metre cable to allow easy connection to your computer
- Within the main window view, it is possible to insert a comment into an audio file

AS2400 41856918

ADVANCED TELEPHONE PICKUP

OLYMPUS



The TP-7 is a super-sensitive microphone for telephone conferencing. Just plug it into the "MIC" jack of your recorder, and put the earphone side into your ear. When speaking on the telephone, the TP-7 will capture both sides of the conversation for recording on your voice recorder.

- Works with DECT phones and mobile phones
- Plugs into a 3.5mm monaural jack
- Frequency: 50Hz-20kHz

TP8 (TP7) 41856920

BUSINESS DICTATION RECORDER

OLYMPUS



Olympus Business dictation recorder.

- Conference & Dictation setting
- SD / SDHC up to 32GB
- PC connectivity – Via USB Cable (supplied)
- 2x "AAA" Ni-MH rechargeable batteries (supplied)
- Compatible OS – Microsoft Windows XP, Vista, 7, 8 & Mac OS X

DS2500 41857002

DIGITAL MP3 TRUE STEREO VR

OLYMPUS



Everyday recorder for use in a wide variety of situations.

- True stereo microphones
- Automatic sensitivity adjustment
- Voice filtering
- Noise cancellation
- Variable playback speed with out pitch alteration
- 4GB memory
- Built-in USB

WS852 41857208

8GB DIGITAL TRUE STEREO MP3 VR

OLYMPUS



Everyday recorder for use in a wide variety of situations.

- True stereo microphones
- Automatic sensitivity adjustment
- Voice filtering
- Noise cancellation
- Variable playback speed with out pitch alteration
- 8GB memory
- Built-in USB

WS853 41857211

SLIM DIGITAL VOICE RECORDER

OLYMPUS



Pen Style Digital voice recorder.

- One Touch Record
- Stereo microphones
- Anti rustle
- Voice balancer
- Transcription mode
- Inbuilt direct USB
- 4GB Memory

VP10 41857216

HIGH PERFORMANCE BUSINESS REC

OLYMPUS



High quality recorder with outstanding reliability for business use.

- 48kHz/16-bit Linear PCM and MP3 recorder
- 4GB memory
- Voice Balancer
- Tresmic 3 microphone system
- Zoom Microphone
- Automatic sensitivity adjustment with Intelligent Auto Mode
- Noise cancellation for clear playback quality

DM720 41857228

DIGITAL MUSIC & SOUND RECORDER

OLYMPUS



LS100 is specifically designed to record in the highest fidelity in any sound environment.

- 24-bit/96kHz linear PCM recording
- Stereo Condenser microphones
- 20Hz-20kHz Freq. response
- XLR Phantom power supply
- Multi Tracking and editing
- Independent Left & Right recording levels
- High precision tuner and Metronome

LS100 41857314

PORTABLE USB TAPE CASSETTE



A totally self-contained cassette to MP3 converter.

- No computer required
- Automatically or manually partition songs

GE4102 42092883

RADIOS

POCKET RADIOS

AM/FM POCKET RADIO

SANGEAN



Sangean SR35 pocket AM / FM radio with inbuilt speaker.

- Power LED indicator
- Tuning LED indicator
- Integrated speaker
- Headphone connection
- FM telescopic antenna
- 12 Month Warranty
- Excellent sound and reception

SR35 34571048

AM/FM POCKET RADIO

Panasonic



- Slide-Rule Tuning Dial for Easy Tuning
- LED Tuning Indicator
- LED power indicator
- Hand-strap for easy carrying

RFP50DGCS 34571050

POCKET RADIO WITH SPEAKER

SANGEAN



Pocket Digital PLL Radio.

- Built-in Speaker
- Supplied with Stereo Earphones
- Removable Belt clip
- Hand Held size
- Colour: Silver
- 19 Random Pre-Sets

DT250 34571055

BLACK DIGITAL FM/AM RADIO

SANGEAN



The Sangean DT-120 Digital Pocket Radio delivers portable, comfortable radio listening. Check out all your favourite stations easily with the digital tuner. Program your favourite stations in and listen to them with the included headphones. Auto Off shuts down after 90 minutes, saving your battery life.

- PLL Synthesized Digital Tuning
- Direct Recall - 15 presets (10x FM & 5x AM)
- Audio Search Station
- Stereo/Mono Switch
- Deep Bass Boost
- Includes headphones

DT120BK 34571057

WHITE FM/AM DIGITAL RADIO

SANGEAN



With reception second to none teamed up with superior sound quality and ease of use Sangean radios truly are the best on the market.

- PLL Synthesized Digital Tuning
- Direct Recall - 15 presets (10x FM & 5x AM)
- Audio Search Station

DT120WH 34571058

DAB+ FM POCKET DIGITAL RADIO

richter



- 1.44" Display screen
- Built-in micro-speaker
- 1,000mAh rechargeable Lithium battery
- 40 station presets (20x DAB+ & 20x FM)
- Micro USB for power charging

RR10 34595099

DAB+ FM-RDS POCKET RADIO

SANGEAN



Personal pocket radio.

- FM and DAB+ / Digital Radio Plus
- Superior reception and sound quality
- Re-Chargeable Lithium-Ion battery built-in
- Charging and Low Battery LED indicator
- Pocket size design for use anywhere

●	DPR35B	34595101
○	DPR35W	34595104
●	DPR35R	34595107

DAB+/FM POCKET RADIO

SANGEAN



- DAB+/FM
- 10 Presets (5x DAB & 5x FM)
- Signal & Battery indicators
- DC powered via 2x "AA" batteries
- Includes stereo Headphones
- LCD Display
- Sleep timer

DPR39 34595110

PORTABLE RADIOS

DAB+ DIGITAL AND FM RADIO

richter



- DAB+ Digital Radio and FM Radio
- 20 station presets (10x DAB+ & 10x FM)
- AC/DC Operation (Takes 4x "AA" batteries)

RR25 34543054

WIRELESS SPEAKER WITH RADIO PHILIPS



USB/Micro SD card to playback MP3 media.

- Digital FM radio
- 3W RMS
- Bluetooth wireless streaming
- Stereo headphone jack
- Bright LED display
- Built-in, USB rechargeable lithium polymer battery

SD700A 34543056

DAB+/FM PORTABLE RADIO

SANGEAN



- 10 station presets (5x DAB+ & 5x FM)
- Menu-selection of major functions
- Easy to read LCD display with backlight
- Automatic station search
- Plays on rechargeable and dry-cell batteries
- Rechargeable battery facility with charging LED indicator

◪	DPR67WB	34543063
◪	DPR67WR	34543064

AM/DAB+/FM PORTABLE

SANGEAN



- Unique 3 band Tuner allows access to all radio bands
- Long distance am reception
- 45 station presets (15 per band)
- Large backlit easy to read LCD display
- Integrated carry handle
- Bass and Treble controls
- AC/DC with 4x Battery compartment

DPR45 34543073

DAB+ ULTRA COMPACT RADIO

SANGEAN



DPR-65+ DAB+ / FM-RDS / Portable Travel Digital Radio.

- 10 station presets (5x DAB+ & 5x FM)
- Information display for service data
- Easy to read LCD display with backlight
- Auto station seek / Manual Tuning
- Ultra compact design
- Lock Switch to prevent accidental operation
- Plays on rechargeable and dry-cell batteries
- Available in White & Black

○	DPR65W	34543080
●	DPR65BLK	34543081

DAB+ FM & BLUETOOTH RADIO

SANGEAN



FM and DAB+ / Digital Radio Plus.

- Superior reception and sound quality 'Music' and 'News' tone control selector
- Re-Chargeable battery facility (Batteries not included)
- Auxiliary Input for iPod/MP3 playback
- Menu Display for selection of major functions

DPR26BT 34543093

DAB+/FM DIGITAL RADIO

SANGEAN



Sangean portable digital Radio with clock function.

- 10 station presets (5x DAB+ & 5x FM)
- High resolution 2.4" colour TFT LCD screen
- 2 alarm timer by radio or buzzer
- Selectable sleep timer
- Adjustable nap timer
- Battery power indicator
- Colour: White

DPR16CW 34543094

FM/AM LONG RANGE RADIO

SANGEAN



Sangean is a world leader in the exciting new area of DAB (Digital Audio Broadcast) with several DAB receivers already available in Australia.

- PLL tuning
- Auto scan stations
- Long distance MW reception
- 10 preset stations (5x MW & 5x FM)
- Rotary tuning and volume control

PRD3 34543105

AM/FM TOUGH BOX UTILITY RADIO

SANGEAN



ToughBox AM/FM Utility "Tradie's" Radio.

- Digital PLL Tuner FM and AM
- Large backlit LCD display
- 10 station presets (5x AM & 5x FM)
- Built-in battery recharge facility for NiMH batteries
- AUX-in for MP3 or iPod playback
- Roll cage protected

TBOXR 34543150

DAB+ TOUGH UTILITY RADIO

SANGEAN



DAB+BOX DAB+ / FM-RDS / Utility "Tradie's" Digital Radio.

- Digital PLL Tuner FM and DAB+
- Large backlit LCD display
- 10 station presets (5x DAB+ & 5x FM)
- Built-in battery recharge facility for NiMH batteries
- Aux-In for iPod and MP3 playback
- Roll cage protected

DABBOXY 34543160

ULTRA RUGGED UTILITY RADIO

SANGEAN



DAB+ / FM-RDS / Bluetooth / Aux-in, IP64 Ultra Rugged Digital Tuning Receiver.

- 10 station presets (5x DAB+ & 5x FM)
- Built-in Bluetooth wireless audio streaming with indicator
- Simply touch to pair with NFC technology
- Easy to read LCD display with backlight
- IP64 rated, rain, dust and shock resistant
- Bass and treble controls
- USB jack 5V/1A for charging mobile phones

U4DBT 34543165

AM/FM PORTABLE RADIO AC/DC

Panasonic



- 10cm Dynamic speaker
- Slide-rule tuning dial
- Earphone jack
- Fold-down handle
- 240V AC or 4x "AA" batteries (Not Included)

RF2400D 34571042

AM/FM PORTABLE RADIO

SANGEAN



The PR-D4 is a lightweight and convenient portable AM/FM radio with very good performance. You can power it with the included AC Adapter, or six "AA" size batteries (not included). The PR-D7 conveniently displays radio frequency and time of day at the same time.

- PLL Synthesized tuning system
- 10 station presets (5x FM & 5x AM)
- Rotary volume control
- LCD displays separately clock and radio information
- Auto scan stations
- Two alarm timers (radio and buzzer)

PRD4P 34571059

FM/AM DIGITAL TUNING PORTABLE

SANGEAN



The PR-D7 is a lightweight and convenient portable AM/FM radio with very good performance. You can power it with the included AC Adapter, or six "AA" size batteries (not included). If you use it with rechargeable batteries, you can charge them right in the radio. The PR-D7 conveniently displays radio frequency and time of day at the same time.

- Available in black or white
- FM/AM digital tuner with 10 (2 x 5) presets
- Automatic station search
- Ultra compact, good for traveling
- Plays on rechargeable and dry-cell batteries (Batteries Not Included)
- Back light LCD

PRD7BK 34571062

DIGITAL WORLD RECEIVER

SANGEAN



Professional Radio.

- RF Gain Control
- Round Volume Knob
- 306 Memories
- Upper and Lower SSB
- 40Hz resolution on SSB
- Priority Memory Key

ATS909X 34571085

Replacment telescopic antenna ATS909XANT 34571199

DAB+/FM-RDS WATERPROOF RADIO

SANGEAN



- Waterproof up to JIS7 standard
- 8 station presets (4 DAB+, 4 FM)
- Emergency LED illumination (Torch)
- Emergency Buzzer
- Battery power indicator
- Clock

H203D 34573110

COMPACT AM/FM ANALOGUE RADIO

SANGEAN



Sangean PRD6 compact AM/FM AC/DC portable analogue radio.

- Excellent reception and sound reproduction
- Rotary bass and treble controls
- Backlit dial scale display
- Flexible rubber antenna
- AC/DC with 4x "AA" battery compartment
- Carry strap
- 12 Month Warranty

○ PRD6W 34573112

PORTABLE DAB+ FM RADIO

PURE



- 40 Station Presets
- Colour Screen
- Aux-in
- Headphones Out

ELANE3 34590005

TABLE TOP RADIOS

DIGITAL DAB+ ALARM CLOCK RADIO

richter



DAB+ Digital
Radio & FM Alarm
Clock with Bluetooth Audio / NFC Tap and Pair.

- 20 station presets (10x DAB+ & 10x FM)
- Single Speaker 1W Sound
- Large 3.2" display with adjustable dimmer function
- Dual Alarm with 24/48 hour Option, Once, Weekday or Weekend Settings
- USB fast charge for smart devices

● RR40BLK 34543049

RR40WAL 34543052

PORTABLE DAB+ FM RADIO OAK

PURE



DAB, DAB+ & FM Radio.

- Bluetooth
- Full colour display
- 40 Station Presets
- Sleep and Kitchen Timer
- Power Supply: 5.5V DC 1A power adaptor
- (Portable when combined with the rechargeable ChargePAK B1 battery)

EVOKEH3 34590007

PORTABLE DAB+ FM RADIO OAK

PURE



DAB, DAB+ & FM Radio.

- Bluetooth
- Full colour display
- Sleep and Kitchen Timer
- Power Supply: 12V DC 1.2A power adaptor
- 40 Station Presets
- (Portable when combined with the rechargeable ChargePAK F1 battery)

EVOKEH4 34590009

STEREO DAB+ FM RADIO OAK

PURE



Stereo DAB, DAB+ & FM Radio.

- Bluetooth
- Full colour display
- 40 Station Presets
- Power Supply: 12V DC 2.4A power adaptor
- (Portable when combined with rechargeable ChargePAK F1 battery)

EVOKEH6 34590011

RECHARGEABLE BATTER PACK

PURE



The ChargePAK F1 is a rechargeable battery pack, designed to suit most suit Pure Radios.

- Provides up to 50hrs playtime

CPF1 34590013

DAB+ FM-RDS BLUETOOTH

SANGEAN



Stylish tabletop digital receiver.

- Built-in Bluetooth
- Easy to read LCD display with backlight
- Bass & Treble controls
- 2 Alarm times by Radio or Buzzer
- 20 station presets
- Auto scan stations

DDR36 34592735

TABLETOP ST DIGITAL RECEIVER

SANGEAN



- 20 station presets (10x DAB+ & 10x FM)
- Built-in Bluetooth wireless audio streaming with indicator
- Slot in CD MP3 / WMA playback
- SD card / USB MP3 playback and recording
- Infrared remote control
- 3.5mm Stereo Aux input and Line output

DDR47BT 34592754

ALL IN ONE MUSIC SYSTEM

SANGEAN



- High resolution 3.2" colour display
- High sensitivity DAB+ / FM digital radio
- Advanced internet radio with Wi-Fi and wired LAN connection
- 30 station presets (10x DAB+, 10x FM & 10x iRadio)
- Infrared remote control
- UNDOK™ remote control App for Sangean Internet radios
- Optical and coaxial SPDIF output, Line-out, headphone, RJ-45 and USB A type

DDR66BT 34592756

BASIC DAB+/FM BEDSIDE CLOCK

SANGEAN



FM and DAB+ / Digital Radio Plus Bedside Clock.

- Snooze Timer
- Superior reception and sound quality
- 2x Alarm Timers with Daily, Once, Weekdays, Weekends options
- Auxiliary Input for iPod/MP3 playback
- Line-out for playback through other equipment
- FM-RDS displays station name and/or song title

DCR89+ 34595140

BASIC AM/FM BEDSIDE CLOCK

SANGEAN



With reception second to none teamed up with superior sound quality and ease of use Sangean radios truly are the best on the market.

- AM/FM digital tuner
- 10 station presets (5x AM & 5x FM)
- 2 wake up timers
- Sleep timer
- Nap timer
- Easy to read LCD with back light

RCR5SW 34595220

WHITE AM/FM CLOCK RADIO

SANGEAN



Large easy read display.

- AM / FM-stereo digital tuning
- 15 station presets (10x FM & 5x AM)
- Display dimmer adjustment
- Two alarm times by radio or buzzer
- Adjustable alarm volume

RCR24WH 34595222

AM/FM WOODEN CABINET RECEIVER

SANGEAN



- Wooden cabinet made of MDF in light walnut
- Soft and precise tuning
- Rotary Tuning and Volume controls
- Bluetooth with NFC technology
- Tuning LED indicator

WR15BT 34595234

ALARM CLOCK RADIOS

DAB AND INTERNET RADIO TUNER

Wintal Digital Living



Internet radio with DAB and FM.

- Optical output
- UPnP/DLNA music streaming
- Wireless connection
- 2.8" TFT colour display
- 3.5mm line out jack

DAB17C 34544042

PURE DAB+ FM CLOCK RADIO

PURE



DAB, DAB+ & FM Radio.

- 10 Station Presets
- Headphones Out
- Sleep Timer

SIESTAS2G 34590001

PURE BEDSIDE DAB+ CLOCK RADIO

PURE



DAB, DAB+ & FM Radio.

- 20 Station Presets
- Built-in Speaker
- Headphones Out
- USB Powerport

SIESTARISE 34590003

PHILIPS DIGITAL CLOCK RADIO

PHILIPS



FM digital tuning with presets.

- Big display for easy viewing
- Dual alarm to wake you and your partner at different times
- Battery back-up ensures memory of time during power failure

AJ3115 34592417

PHILIPS FM CLOCK RADIO

PHILIPS



FM digital tuning with presets.

- Repeat alarm for additional snooze
- Sleep timer for easy falling asleep to your favourite music
- Dual alarm to wake you and your partner at different times
- Battery back-up ensures memory of time during power failure

AJ3123 34592421

LARGE DISPLAY CLOCK RADIO

PHILIPS



- Dual alarm
- FM/MW, Digital tuning
- Time & alarm backup
- Wake to Music or Buzzer

AJ3232B 34592419

PHILIPS CLOCK RADIO WITH DAB+

PHILIPS



- DAB+ and FM compatible for a complete radio experience
- USB port to charge any mobile device
- Audio-in for easy portable music playback

AJB4300W	34592423

MIRROR-FINISH CLOCK RADIO

PHILIPS



Mirror finish display.

- FM, Digital tuning
- Digital clock

AJ2000	34592426

BLUETOOTH CLOCK RADIO

PHILIPS



- Bluetooth enabled
- Built-in Microphone for making and receiving phone calls
- USB port to charge your mobile devices
- FM tuner
- Dual alarm

AJT5300	34592428

AM / FM CLOCK RADIO

Panasonic



- "Sure-Alarm" battery backup system
- Doze and Sleep function
- Red LED display
- Two-step clock dimmer control
- Power failure, AM/PM and ALARM point indicators
- 7cm PM dynamic speaker

RC700	34593989

PYE AM/FM CLOCK RADIO

PYE



Budget AM/FM clock radio.

- Red LED display
- Snooze control
- AM/FM Radio
- Wake to Music or Buzzer

CR275	34594118

AM/FM DIGITAL TUNE CLOCK RADIO

SANGEAN



Sangean Clock Radio.

- AM/FM-stereo digital tuning
- Analogue clock display
- 2 alarm timers by radio or buzzer
- Humane Wake System
- Adjustable nap and sleep timer
- I/O jacks: Aux-in and headphone

RCR9	34595247

QI CHARGER & BLUETOOTH CLOCK RADIO

iStyle™



Qi Universal Wireless Charger.

- Digital Clock, Alarm & Stereo Speaker
- Bluetooth Speaker
- USB output to charge your USB devices
- Audio Jack: 3.5mm Stereo
- Available Colours: Black & White

●	QIBTSPBK	43075652
○	QIBTSPWH	43075653

INTERNET RADIOS

INTERNET & DAB+ PORTABLE RADIO

SANGEAN



Portable Internet Dab+ FM network receiver.

- 2.4" colour TFT LCD display
- Controlled by iPhone, iPad, iPod touch & Android devices
- Stream Spotify through your radio
- Use the Spotify App as a remote
- Supports 5G/2.4G Routers with inbuilt antenna
- Network music player
- Built-in rapid battery charger

WFR27C	34573231

PANORAMA BLUETOOTH RADIO

cord



Now with Bluetooth streaming.

- FM Radio with RDS
- High sensitivity DAB+ reception
- Large graphical OLED Display
- Internet Radio with Wi-Fi and wired LAN
- Stream audio from your PC or Mac
- Stereo AUX in and Headphone socket
- Digital Alarm clock with snooze and sleep

PANORAMABT	34573239

IPOD/IPHONE DOCK RADIOS

DAB+ DESKTOP AUDIO SYSTEM

YAMAHA



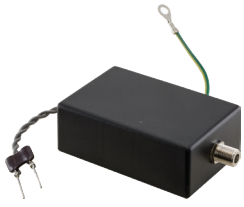
- High-quality Bluetooth playback
- DTA Controller App
- Intelli alarm
- USB
- DAB - DAB+

TSXB235DWHI	34592717

ACCESSORIES

GROUND BALUN FOR LOOP ANTENNA

PK's Loop Antennas



AM Balun specially designed for use on tuners with balanced or un-grounded loop inputs.

CRXBALUNGND	00441023

TUNABLE LOOP ANTENNA

PK's Loop Antennas



Designed specially for use with portable radios and will work with any radio that has an inbuilt ferrite rod antenna. There are NO Wires to connect and it uses no batteries or electricity, true green power!

- NO batteries or electricity -True Green Power!
- Significantly lift the signal level of weak stations
- Tunes 520 to 1725KHz

Premium	Dia 360mm	ALOOPTAM	00441005
Mini	Dia. 250mm	ALOOPMTAM	00441010

LOOP AM ANTENNA WITH 5M LEAD

PK's Loop Antennas

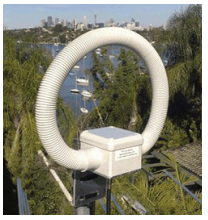


Dramatically improve the Signal to Noise Ratio on your AM reception.

- The optimised broadband design requires no tuning
- This is a great new product with a design not seen elsewhere

ALOOPMATCH	00441020

COMMERCIAL GRADE LOOP ANTENNA

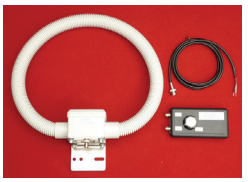


HD Series Matched Loop Antenna for Hi-Fi Receivers – Outdoor Version.

- The optimised broadband design requires no tuning
- Ideal for building applications and easy to use DIP Switch configuration for Installers

CLOOPHDMATCH 00441025

HD SERIES REMOTE TUNED LOOP



PK's Fringe AM Loop antenna with remote tuning.

- IP56 – 40cm paintable PVC loop
- Includes 1x 10m 'F' plug to 'F' plug cable
- Remote tuning control box
- Designed and manufactured in Australia

CLOOPHDLRAM 00441030

CAR AUDIO

PLAYERS

6.2" TOUCH-SCREEN MEDIA PLAYER

Pioneer



Touch-screen Multimedia player with Apple CarPlay & Bluetooth.

- Bluetooth
- 6.2" Touch-screen
- Apple CarPlay
- Dual Camera Inputs
- DAB+ Digital Radio

AVHZ3100DAB 41691345

MEDIA TUNER BLUETOOTH

Pioneer



The MVH-295BT lets you enjoy hands-free calling and audio streaming in the car, courtesy of built-in Bluetooth.

- Built-in Bluetooth
- USB playback: MP3/WMA/WAV
- MOSFET 50W x 4
- AM/FM Tuner with 24 presets

MVH295BT 41691353

MEDIA TUNER WITH BLUETOOTH

Pioneer



Multimedia Tuner with Dual Bluetooth, Spotify, Smartphone connectivity & Siri Eyes Free.

- Dual Bluetooth
- Siri Eyes Free
- USB Playback: MP3/WMA/AAC/WAV/FLAC
- MOSFET 50W x 4

MVHS305BT 41691355

CD TUNER WITH MIXTRAX

Pioneer



DEH-X3950BT can simultaneously connect 2x smartphones (Dual Bluetooth).

- CD/CD-R/RW Playback
- Siri Eyes Free
- Dual Bluetooth
- Spotify®

DEHS4050BT 41691357

SPEAKERS

6.5" CLOTH SPEAKER - VENTED BASKET

EARTHQUAKE SOUND Sound That Will Move You.



Ideal speaker replacement.

- 6.5" Midbass
- Impedance: 8Ω
- Frequency Response: 112Hz-10kHz
- Stamped steel basket with jet-black finish
- Edge-wound aluminium bobbin voice coils

6.5" 65W EQ6-8 39155605

2-WAY 16CM 250W CAR SPEAKER

Pioneer



- 250 Watts Max Power (40 Watts Nominal)
- IMPP Composite Cone Woofer
- 1-3/16" PEI (Poly-Ether Imide) Balanced Dome Tweeter with Ferrite Magnet

TSG1620F 39494737

6" X 9" 420W CAR SPEAKERS

Pioneer



TS-A series speakers offer improved bass and dynamic range, higher power handling and a new cosmetic design.

- Maximum power: 420W (60W RMS)
- Frequency Response: 28Hz to 36kHz
- Multilayer Mica Matrix Cone

TSA6966S 39494739

2-WAY 10CM 200W SPEAKER

Pioneer



- IMPP (Injection Molded Polypropylene) Rigilite™ composite cone for richer bass response
- 1-1/8" silver film (PET) cone tweeter
- High energy strontium magnet (Woofer)
- Shallow mounting depth for wider installation coverage

TSG1020F 39494741

2-WAY 13CM 220W SPEAKER

Pioneer



2-way speakers with 220W power.

- 5-1/4" speakers
- 1-3/16" Piezoelectric Tweeter

TSG1320F 39494742

SUBWOOFERS

10" SUBWOOFER 8Ω IMPEDANCE

EARTHQUAKE SOUND Sound That Will Move You.



- 300W RMS, 1000 Watt Max, 8Ω V.C.
- Heavy-duty stitched leads
- Spring loaded speaker connections
- Anti-wobble cone construction
- TCT Technology (Turbine Cooled Transducer) for high efficiency output
- Military grade single 8Ω voice coil

TREMOR-X108 39155640

MAGMA X SERIES SUBWOOFER



- Dual 4Ω voice coils
- Stiff non-pressed 3mm fibre cone for faster response and lighter mass
- 1" Thick single layer Poly-ether draw surround for longevity and max excursion
- Turbo Cooled Technology (TCT)
- Inverted edge reinforced dust cap for lower cone distortion
- OD Max spider for increased spider surface and linear movement
- 2" thick motor to assist long excursion
- Light-mass flat piston for reduced distortion at high speeds

12"	500W RMS	MAGMA-12	39155650
15"	700W RMS	MAGMA15	39155655

PRO-X SERIES PRO SUBWOOFER



Earthquake Sound's Pro-X Series die cast professional subwoofers are specifically designed to deliver hard hitting bass with tight sound.

- Die cast basket with jet-black finish
- 8Ω V.C.
- Push on terminals
- Multi roll cloth surround
- Heavy-duty magnet
- High efficiency/ sensitivity
- Multi-vent cooling system

12"	600W RMS	PRO-X128	39155680
15"	700W RMS	PRO-X158	39155685
18"	800W RMS	PRO-X184	39155690

10" 350W SUBWOOFER



Designed for high power in-car sound systems, the SW10 high power subwoofer features extra massive magnets. The treated paper cone has a dense foam roll surround.

- 10" subwoofer
- Max. power handling: 350W
- Impedance: 4Ω
- Frequency Response: 22 ~ 100Hz
- Size: Ø225 x 140mm

SW10 39496010

COMPONENT TUNERS

DAB

FM TUNER - MP3 MEDIA PLAYER



DMP230 is a MP3 file player and FM Tuner designed as an audio source for commercial sound systems.

- FM tuner mode with RDS station name display
- Media player/tuner for USB thumbdrives/ SD cards up to 16GB
- FAT32 file system
- MP3 file name readout on large LCD display (no MP3 tag display)
- Regular and random play sequence
- 10 self-programmable radio station presets
- Balanced (XLR) and unbalanced (RCA) output

DMP230 60720870

FM RECEIVER - MEDIA PLAYER



The DMW300 is the chameleon of program sources for commercial sound systems.

- Media player with stand-alone mode
- LAN replay via UPnP, folder and playlist support
- Internet Radio receiver
- Built-in Jingle Player to insert up to 3 jingles
- Balanced (XLR) and unbalanced (RCA) output
- Playable file formats: MP3, WMA, FLAC, AAC, WAV and OGG
- IR Remote included

DMW300 60720880

BLACK DAB+/AM/FM TUNER



Professional quality DAB+ Tuner for reception of analogue FM and digital DAB+ broadcasts.

- Quartz referenced phase locked loop
- Sophisticated surface acoustic wave (SAW) filter
- Specially selected linear phase IF filters
- A mono mode is provided to minimize background noise
- Can store and recall 30 FM stations
- Built-in RDS function which provides automatic reception and display of data
- 3 Year Warranty

XTDB 60720940

DAB+/FM & INTERNET RADIO TUNER



Hi-Fi component Tuner.

- Internet radio with Wi-Fi and wired LAN connection
- Immediate access to over 12,000 internet stations worldwide
- High resolution 3.2" colour display
- High sensitivity DAB+ / FM digital radio
- 15 station presets (5 DAB+, 5 FM and 5 iRadio)
- MP3 and WMA playback via USB

WFT3D 60721082

DAB+/FM TUNER & INTERNET RADIO



DAB+ band III digital tuner and analogue FM tuner.

- UPnP compatible - play music from PC's on your network
- Internet radio station streaming
- USB playback
- MP3, AAC+, WMA-9 playback
- Wired or wireless 802.11b/g

A2696 60721088

DAB+/FM TUNER WITH BLUETOOTH



DAB+ band III digital tuner and analogue FM tuner.

- Bluetooth audio streaming
- Two lines LCD Display 16-characters each line
- Blue backlight

A2698A 60721091

TURNTABLES

WOODSTOCK RETRO TURNTABLE



Retro brief-case styled design.

- 3-speed play audio and support 33/45/78 rpm
- Speakers, 3.5mm Jack, RCA out

	MBTR89TBL	60810013
	MBTR89BLU	60810014
	MBTR89BLK	60810015

CLASSIC USB TURNTABLE RECORDER

mbeat



- Support Speed: 33/45/78 rpm
- Support Record Size: 18/25/30cm
- Speakers: Built-in 2 speakers
- Interface: USB Host, RCA audio out, DC-in

USBTR68 60810011

RECORD/TAPE DIGITAL RECORDER

mbeat



- Classical wooden style PVC veneered case
- 2-in-1 record function for vinyl and cassette
- USB record to PC with Audacity Editing software
- Built-in loud speaker to play back your collections
- Rotary power and volume control with LED indicator

USBTR08 60810019

RETRO TURNTABLE RECORDER

mbeat



Combination retro style and modern technology.

- Constructed of wood and bound in a fine leatherette material
- Retro briefcase-styled design is lightweight and easily transported
- Featuring built-in stereo speakers so you can listen to your music without having to connect it to a speaker system
- Convert your vinyl to digital via USB connection to PC or MAC

USBTR88 60810025

RETRO USB TURNTABLE RECORDER

mbeat



- Retro turntable supports 33/45/78 rpm Vinyl
- Direct recording Vinyl to USB storage
- Built-in internal speakers
- Built-in Bluetooth for connectivity with smartphones
- No software installation or PC required

USBTR128 60810027

VINTAGE USB TURNTABLE RECORDER

mbeat



Vintage and classic wooden style turntable.

- Unique built-in Bluetooth speaker function
- Wireless Bluetooth music through smartphones and tablets
- Support classical AM/FM radio function
- Support 33/45/78 rpm vinyl records

USBTR98 60810030

MANUAL BELT DRIVE TURNTABLE

elipson



Made in France Belt Drive Turntable.

- Chassis: Matt Black PVC
- Plate: Pressed Steel
- Cartridge: Ortofon OM10
- DDS Speed Control
- Suspended Motor
- Aluminium Tone Arm

ALPHA100 60814025

MANUAL BELT DRIVE TURNTABLE

elipson



Made in France Belt Drive Turntable.

- Chassis: Matt Black PVC
- Plate: Pressed Steel
- Cartridge: Ortofon OM10
- RIAA MM / MC pre-amp inbuilt
- DDS Speed Control & Suspended motor
- Aluminium Tone Arm

●	ALPHA100RIAA	60814030
● w/ BT aptX TX & USB	ALPHA100RIAAPBT	60814035

MANUAL BELT DRIVE TURNTABLE

elipson



Made in France Belt Drive Turntable.

- Lacquer finish PMMA Chassis
- Cartridge: Ortofon OM10
- Carbon Fibre Tone Arm
- RIAA MM / MC pre-amp inbuilt
- DDS Speed Control
- Suspended Motor
- World Wide power supply

●	OMEGA100RIAABL	60814040
○	OMEGA100RIAAWH	60814045
● w/ BT aptX TX & USB	OMEGA100RIAABTBL	60814050
○ w/ BT aptX TX & USB	OMEGA100RIAABTWH	60814055

ESSENTIAL USB BLACK TURNTABLE

Pro-Ject



- Belt drive with low vibration AC-motor
- Silicone drive belt
- MDF platter with felt mat
- Stainless steel main bearing
- 4-point motor suspension
- Chassis made from particle board
- Ortofon cartridge

PROESSUSB 60817910

DIRECT DRIVE TURNTABLE

reloop



Type: 2 speeds, fully manual.

- Drive: quartz-driven direct drive
- Speeds: 33 1/3 and 45 rpm
- Starting torque: > 1000 g/cm
- Supplied with Ortofon cartridge

RP2000M 60817970

MANUAL PHONOGRAPH TURNTABLE

Sherwood



Manual Phonograph for Analogphile with Pitch Control.

- Semi-Automatic Belt-Drive System with Pitch Control and EP Adaptor
- Front panel push buttons for speed change and reject, Selectable 33/45 rpm
- Supplied with Audio Technica Moving Magnet cartridge and Stylus
- Quick Start Hi-Fi Turntable
- Designed for Analogue Records with 33 and 45 rpm
- Studio-Type Turntable with Massive Die-Cast Platter

PM9805 60817990

AUTOMATIC BELT DRIVE TURNTABLE

cord



30cm / 12" LP records and 17cm / 7" EP records can be played automatically.

- Power Supply: 240V 50Hz
- Power Consumption: 2W
- Output Impedance: 47Ω
- Fully automatic
- Warranty: 12 months
- Dimensions: 350(W) x 341(D) x 98(H)mm

F700 60817980

MANUAL DIRECT DRIVE TURNTABLE

cord



Pro Direct Drive turntable.

- USB Recording
- Phono Preamp
- Pitch Control
- High start torque

DJUPRO	60817987

AUTOMATIC TURNTABLE

DENON



The DP-300F provides solid performance at a moderate price.

- Dynamic balance tone arm
- Two speeds: 33-1/3 rpm and 45 rpm
- Aluminium platter
- Belt-drive system with DC servo motor
- Built-in RIAA equalizer
- Removable Headshell

DP300FB	60817997

SILVER ANALOGUE TURNTABLE

DENON



Now's the time to put your vinyl records back into your listening rotation. The DP-29F includes a built-in RIAA phono equalizer to hook it up to your system through a standard analogue connection.

- Easy operation to maximize musical enjoyment
- High-Precision diecast aluminium turntable
- Automated system for easy operation
- MM cartridge included

DP29F	60817993

AUTOMATIC TURNTABLE

DENON



The DP-200USB is a fully automatic record player that easily converts your analogue records into digital files and stores them onto a USB memory stick.

- Belt Drive Motor
- DC Servo Motor
- Speed 33-1/3, 45 rpm
- Cartridge Type MM
- Wow & flutter 0.15% (W RMS)
- Dynamically Balance type, Straight Tone arm

DP200USB	60817999

USB DIRECT DRIVE TURNTABLE

reloop



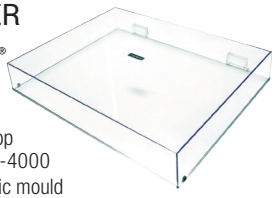
Quartz-controlled DJ turntable with direct drive.

- Type: 2 speeds, fully manual
- Speeds: 33 1/3 and 45 rpm
- Recording via USB port
- Supplied with Ortofon cartridge

RP2000USB	60818010

RELOOP TURNTABLE DUST COVER

reloop



Hinged dust cover.

- Suitable for Reloop RP-2000 and RP-4000
- Sturdy rigid plastic mould

COVERV2	60818011

AUDIO SPEAKER SYSTEMS

FLOORSTANDING SPEAKERS

2X 6" 2-WAY FLOORSTANDING SPEAKERS

Q ACOUSTICS



Leading technology – outstanding performance.

- Point-to-Point (P2PTM) bracing technique
- HPE technology
- Power: 25-100W
- Bass Unit: 2x 165mm (6.5")
- Treble Unit: 22mm (0.9") Decoupled design
- Frequency Response (+3dB, -6dB): 44Hz-30kHz
- Available Colours: Black, Walnut & White

●	Q3050IBL	39811529
●	Q3050IW	39811527
○	Q3050IWH	39811525

3-WAY FLOORSTANDING SPEAKERS

B&W Bowers & Wilkins



Inspired by recording studios. Made for living rooms.

- 3-way vented box system
- Frequency range: -6dB @ 28Hz and 33kHz
- Sensitivity: 90dB spl (2.83V RMS, 1m)
- Finishes Cabinet: Rosenut, Satin White & Gloss Black

●	702S2B	39817702
○	702S2W	39817706

3-WAY FLOORSTANDING SPEAKERS

B&W Bowers & Wilkins



Flagship 603 speaker features our award-winning Continuum cone technology, which creates a pure and precise soundscape.

- Decoupled Double Dome aluminium tweeter
- Continuum cone FST™ midrange
- 6.5" Paper/Kevlar profile bass
- Frequency Range: -6dB at 29Hz and 33kHz
- Frequency Response: 48Hz - 28kHz ±3dB Sensitivity 88.5dB spl (2.83V, 1m)
- Sold as a pair

●	603B	39817830
○	603W	39817832

3-WAY FLOORSTANDING SPEAKER

B&W Bowers & Wilkins



From delicate nuances to monstrous bass lines, this 700 series big speaker has the grace and power to bring every element of your music to life.

- 3-way vented box system
- Frequency Range: -6dB @ 30Hz and 33kHz
- Frequency Response: 46Hz-28kHz ±3dB
- Sensitivity: 89dB spl (2.83V RMS, 1m)
- Nominal Impedance: 8Ω (min. 3.1Ω)

●	703S2R	39817710
○	704S2W	39817718

3-WAY FLOORSTANDING SPEAKERS

YAMAHA



3-Way Bass-Reflex Tower Speaker System. The EF (Elliptical Form) Series feature Waveguide horns, PMD (Polymer-injected Mica Diaphragm) woofers and highest quality internal Monster Cable wiring for total enjoyment of digital movie sound and music sources, plus elegant Yamaha traditional piano finish cabinets.

- High sensitivity and wide dynamic range for contemporary digital sources
- Waveguide horn allows the sound field to be shaped and controlled for optimal spatial expression in home theatre environments
- PMD (Polymer-injected Mica Diaphragm) cone woofer combines high performance materials and design for extreme accuracy
- Frequency response: 35Hz-35kHz
- Nominal Input Power: 100W
- Impedance: 6Ω
- Sensitivity: 88dB

NS555B	39817936

3-WAY FLOORSTANDING SPEAKERS

YAMAHA



Listening pleasure that draws you back again and again.

- DC-Diaphragm™ tweeter
- Advanced Polymer Injected Mica Diaphragm for Bass & mid drivers
- Spiked feet for better sound
- Sold as a pair
- Aluminium diecast basket
- Square voice coils for dynamic bass
- Freq response: 40Hz-50kHz

NSF500B	39817954

6.5" 2-WAY FLOORSTANDING SPEAKERS

Sherwood



The Sherwood Teatro speakers deliver a true in home cinema-like experience. The efficient five speaker system is complimented by a 10" subwoofer to reproduce the full audio range, true to life imaging and bass.

- Floor standing, two way, tuned bass reflex speaker
- 2x 6.5" Mid-Bass Drivers and 1x 1" Soft Polydome Tweeter
- Removable Cloth Grille
- 150W maximum @ 6Ω
- Black with grey surrounds
- Size: 1000(H) x 210(W) x 290(D)mm
- Sold as a pair

TEATRO6F	39819032

BOOKSHELF/ SURROUND SPEAKERS

EPSON ACTIVE SPEAKERS

EPSON EXCEED YOUR VISION



- Output Power: 2x 15 Watt at 10% THD
- Frequency Response: 80Hz ~ 20kHz
- Driver: Tweeter/Woofer
- Impedance: 8Ω
- Sold as a pair

ELP-SP02	39814908

MINI HOME THEATRE BOOKSHELF SPEAKER

B&W Bowers & Wilkins



Setting new standards for compact home theatre.

- 2-way vented box system
- Combine it with either the ASW608 or the new PV1D subwoofer to create a home theatre experience with superb integration and impressive power for such a discreet system
- Sleek, compact, yet packing a powerful punch
- Available Colours: Black & White

●	M1B	39810854
○	M1W	39810856

4" 2-WAY BOOKSHELF SPEAKERS

Q ACOUSTICS



Open soundstage from slim line speaker.

- 25% increased cabinet volume from previous model
- P2P bracing
- Bass Unit: 100mm (4")
- Treble Unit: 22mm (0.9")
- Low profile terminals
- Amplifier Power: 15-75W
- Available Colours: Black, Walnut & White
- Sold as a pair

●	Q3010IBL	39811507
●	Q3010IW	39811509
○	Q3010IWH	39811511

5" 2-WAY BOOKSHELF SPEAKERS

Q ACOUSTICS



Bigger, bolder sound from the 3000i series.

- 25% increased cabinet volume from previous model
- P2P bracing
- Bass Unit: 125mm (5")
- Low profile terminals
- Treble Unit: 22mm (0.9")
- Amplifier Power: 25-75W
- Available Colours: Black, Walnut & White
- Sold as a pair

●	Q3020IBL	39811513
●	Q3020IW	39811515
○	Q3020IWH	39811517

BLUETOOTH ACTIVE SPEAKERS 42W

EDIFIER®



2.0 Lifestyle Studio HD Audio Speakers with Bluetooth & Optical.

- Audio Sources: Bluetooth, Optical, 3.5mm AUX
- Treble, bass, and volume knobs on active/powered speaker
- Wireless Remote control included
- Frequency Response: 50Hz-20kHz
- Subwoofer/Bass Unit: 4" (106mm), 6Ω
- Tweeter Unit: Ø13mm Silk Domed Tweeter, 4Ω
- Dimension: 146(W) x 234(H) x 196(D)mm

R1280DB	39814917

BLUETOOTH STUDIO SPEAKERS

EDIFIER®



Digital Signal Processing (DSP) and Dynamic Range Control (DRC) limits distortion.

- Bluetooth pairing capability
- Dual RCA inputs for connectivity to multiple audio sources

R1700BT	39814918

BLUETOOTH STUDIO SPEAKERS 120W

EDIFIER®



- 25mm silk dome "Eagle Eye" tweeters
- Built-in Digital Signal Processing (DSP) and Dynamic Range Control (DRC) to minimise distortion
- High gloss piano finish
- Optical and RCA inputs
- Using Bluetooth you can pair your smartphone

R2000DB	39814923

BLUETOOTH STUDIO SPEAKERS

EDIFIER®



- Angled design for creating a larger sound with a low frequency
- Bluetooth aptX®
- 5.5" aluminium bass drivers with a titanium dome tweeter
- Frequency Response: 48Hz~20kHz (±4dB)
- Optical, Coaxial, PC and Auxiliary inputs
- Remote control included

S1000DB	39814925

POWERED BLUETOOTH SPEAKERS

EDIFIER®



- Connect two Bluetooth devices at the same time
- Speaker wire only for connecting the speakers together
- Built-in amplifier eliminates need for amplifier/receiver

	R1010BT	39814927

5.25" 2-WAY BOOKSHELF SPEAKERS

CAMBRIDGE AUDIO



- Impedance: 8Ω
- Recommended amplifier power: 10-100 Watts
- Frequency Response: 50Hz ~ 22kHz
- Colour: Gloss Black or Gloss White

●	MINX XLB	39815150
○	MINX XLW	39815155

SINGLE SATELLITE SPEAKER

CAMBRIDGE AUDIO



Extraordinary sound from incredibly small cabinets.

- BMR (Balanced Mode Radiator) speaker technology
- Easy to use terminals
- Recommended Amp Power: 25-200W
- Dimensions (HxWxD): 78x78x85mm (3.1x3.1x3.3")
- Finish: High Gloss Black or White

●	MIN12B	39815220
○	MIN12W	39815221

DUAL DRIVER SATELLITE SPEAKER

CAMBRIDGE AUDIO



Extraordinary sound from incredibly small cabinets.

- BMR (Balanced Mode Radiator) speaker technology
- Easy to use terminals
- Recommended Amp Power: 25-200W
- Dimensions: 154(H) x 78(W) x 85(D)mm
- Finish: High Gloss Black or White

●	MIN22B	39815222
○	MIN22W	39815223

2-WAY BOOKSHELF SPEAKERS BLACK

B&W Bowers & Wilkins



These 700 series bookshelf speakers feature a tweeter-ontop design. They deliver an uncompromising high performance, revealing subtle nuances in music other speakers miss.

- 2-way vented box system
- Frequency Range: -6dB at 45Hz and 33kHz
- Frequency Response: 50Hz-28kHz ±3dB
- Sensitivity: 88dB spl (2.83V RMS, 1m)
- Nominal Impedance: 8Ω (min. 3.7Ω)
- Sold as a pair (Speaker stands not included)

	705S2B	39817720

2-WAY BOOKSHELF SPEAKERS

B&W Bowers & Wilkins



The 700 series bookshelf/standmount speakers with the acoustic heft to satisfy the demands of bigger rooms, thanks to its large midrange/ bass drive unit.

- 2-way vented box system
- Frequency Range: -6dB at 45Hz and 33kHz
- Frequency Response: 50Hz-28kHz ±3dB
- Sensitivity: 88dB spl (2.83V RMS, 1m)
- Nominal Impedance: 8Ω (min. 3.7Ω)
- Sold as a pair (Speaker stands not included)

	706S2R	39817728

2-WAY 700 SERIES BOOKSHELF SPEAKERS

B&W Bowers & Wilkins



Ideal for smaller rooms, and designed for use on bookshelf or stand, these smaller 700 series range speakers deliver tremendous highs and depths for a compact unit. Its 2-way design and advanced drive units make for a sound that's clear, powerful and remarkably cohesive.

- 2-way vented box system
- Frequency Range: -6dB at 45Hz and 33kHz
- Frequency Response: 50Hz-28kHz ±3dB
- Sensitivity: 84dB spl (2.83V RMS, 1m)
- Nominal Impedance: 8Ω (min. 4.0Ω)
- Sold as a pair (Speaker stands not included)

	707S2W	39817736

2-WAY SHELF SPEAKERS

B&W Bowers & Wilkins



The 606 standmount loudspeaker in the new 600 Series from Bowers & Wilkins transforms your home with pristine sound.

- Decoupled Double Dome aluminium tweeter
- Continuum cone bass / midrange Flowport™
- Frequency Range: -6dB at 40Hz and 33kHz
- Frequency Response: 52Hz-28kHz ±3dB
- Sensitivity: 88dB spl (2.83V RMS, 1m)
- Sold as a pair

●	606B	39817836
○	606W	39817838

2-WAY SHELF SPEAKERS

B&W Bowers & Wilkins



Small is beautiful – at just 160mm wide, the 686 may be the most compact speaker in the new 600 Series, but don't underestimate its power and precision.

- Frequency Response: 62Hz-22kHz ±3dB on reference axis
- Nominal Impedance: 8Ω (min. 5.2Ω)
- Recommended Amplifier: 25-100W
- Sensitivity: 85dB SPL (2.83V, 1m)

●	686S2-BA	39817812
○	686S2-W	39817813
🟤	686S2-RC	39817814

2-WAY BOOKSHELF SPEAKERS

YAMAHA



2-Way Acoustic Suspension Speaker System. The EF (Elliptical Form) Series feature Waveguide horns, PMD (Polymer-injected Mica Diaphragm) woofers and highest quality internal Monster Cable wiring for total enjoyment of digital movie sound and music sources, plus elegant Yamaha traditional piano finish cabinets.

- Frequency Response: 60Hz ~ 35kHz
- Nominal Input Power: 60W
- Sensitivity: 87dB
- Impedance: 6Ω
- Sold as a pair

	NS333B	39817980

REFERENCE BOOKSHELF SPEAKERS



- 25mm silk dome tweeters
- 5.25" mid-bass driver
- Ideal for surround, passive studio monitor or 2-channel stereo

	RBS52	39818800

5" 2-WAY BOOKSHELF SPEAKERS



- Wall Mountable, 2-way, Tuned Bass Reflex Speaker
- 1x 5" Mid Bass Drivers
- 1x 1" Soft Polydome Tweeter
- 50-120W Max. @ 6Ω

	TEATRO5R	39819036

THEIA CENTRE CHANNEL SPEAKER



Full range, magnetically shielded drivers with 4" Kevlar cones and Piston-Max patented technology.

- 2x 1" enhanced live action silk dome tweeters
- AASD (Acoustic Array System Design) technology
- Patented SLAPS (Symmetrically Loaded Audio Passive System) Technology
- Gold-plated push terminals
- Adjustable rear spike for better speaker aim

	TITAN THEIA	39816710

3-WAY CENTRE SPEAKER



The HTM6 centre channel speaker in the new 600 Series from Bowers & Wilkins transforms your home with pristine sound.

- Decoupled Double Dome aluminium tweeter
- Continuum cone bass/midrange Flowport™
- Frequency Range: -6dB at 42Hz and 33kHz
- Frequency Response: 72Hz-28kHz ±3dB
- Sensitivity: 87dB spl (2.83V RMS, 1m)

●	HTM6B	39817848
○	HTM6W	39817850

3-WAY CENTRE SPEAKER



Designed to be paired with larger speakers in the range, this 3-way centre-channel speaker delivers unprecedented power and transparency, for totally convincing voice reproduction.

- 3-way vented box system
- Frequency Range: -6dB @ 45Hz and 33kHz
- Sensitivity: 89dB spl (2.83V RMS, 1m)
- Finishes Cabinet: Gloss Black & Satin White

◓	HTM71S2B	39817738
○	HTM71S2W	39817742

2-WAY CENTRE SPEAKER



Ideal at the centre of most home theatre systems, the HTM62 S2 is the smaller centre speaker that still excels at delivering power and precision.

- Frequency response: 70Hz-22kHz ±3dB
- Sensitivity: 87dB SPL (2.83V, 1m)
- Nominal impedance: 8Ω (minimum 3.5Ω)
- Recommended amplifier power: 25-120W into 8Ω

●	HTM62S2-BA	39817820
○	HTM62S2-W	39817821
◓	HTM62S2-RC	39817822

CENTRE SPEAKERS

DUAL 4" 2-WAY CENTRE SPEAKER



Accurate Centre speaker with precision drivers.

- Bass Unit: 2x 100mm (4")
- Treble Unit: 22mm (0.9")
- Amplifier Power: 25-100W
- P2P bracing

●	Q3090CIBL	39811531
◓	Q3090CIW	39811533
○	Q3090CIWH	39811535

2-WAY CENTRE SPEAKER



This high performance 2-way centre speaker is a great choice for home cinema set-ups in smaller rooms, where space is at a premium. Partner it up with the more compact 700 Series speakers, such as the 706 or the 704.

- 2-way vented box system
- Frequency Range: -6dB @ 48Hz and 33kHz
- Frequency Response: 70Hz-28kHz ±3dB
- Sensitivity: 87dB spl (2.83VRMS, 1m)
- Nominal Impedance: 8Ω (min. 4.3Ω)

●	HTM72S2B	39817744
◓	HTM72S2R	39817746

2-WAY DUAL WOOFER CENTRE



2-Way Dual-Woofer Acoustic Suspension Centre Channel Speaker System.

- High sensitivity and wide dynamic range for contemporary digital sources
- Highest quality internal Monster Cable wiring
- Waveguide horn allows the sound field to be shaped and controlled for optimal spatial expression in home theatre environments
- PMD (Polymer-injected Mica Diaphragm) cone woofer combines high-performance materials and design for extreme accuracy
- Beautiful Yamaha piano finish with elegant elliptical form

	NSC444B	39817934

4" 2-WAY CENTRE SPEAKER

Sherwood



The Sherwood Teatro speakers deliver a true in home cinema-like experience. The efficient five speaker system is complimented by a 10" subwoofer to reproduce the full audio range, true to life imaging and bass.

- 2-way, magnetically shielded, Twin Port Speaker
- 2x 5" Mid-Bass Drivers and 1x 1" Soft Polydome Tweeter
- 120W max. @ 6Ω
- Removable Cloth Grille

TEATRO4C	39819034	

SUBWOOFERS

COMPACT CONCEALABLE SUBWOOFER

quest engineering



Ideal compact sub for MX series speakers.

- Woofer: 10" dual magnet woofer
- Voice Coil: 50mm
- Max. SPL: 118dB SPL
- Sensitivity: 96dB 1W @ 1m - 60Hz
- Power Handling: 300W RMS

MXS10	39776203	

HEOS WIRELESS SUBWOOFER

HEOS by DENON



Shake your world with movies and music – wirelessly.

- Dual 5.25" Drivers
- Class D amplifier
- Simple set up and operation
- Control all your sound via the HEOS App
- Built-in HEOS network technology
- Advanced settings like crossover and phase for advanced users
- Pair with the HEOS Bar 2 HEOS speakers as rear channels to get a fully wireless 5.1 system

HEOSSUBWOOFER	39811065	

8" BALANCED-DRIVE SEALED SUB

B&W Bowers & Wilkins

The world's most musical subwoofer goes digital.



- 2x 200mm (8") Paper-Kevlar®/aluminium cone long-throw
- 400W Class D amplifier
- RS-232 automation control

○ PV1DW	39810872	
● PV1DB	39810873	

300W 8" ACTIVE SUBWOOFER

CAMBRIDGE AUDIO

Cambridge Audio Minx Compact sub.



- Power Output 300W RMS
- Weight 7.5kg
- High Gloss finish
- 1x 8" active woofer and 1x passive woofer
- Dimensions: 311(H) x 266(W) x 278(D)mm

○ X301W	39815224	
● X301B	39815225	

200W 6.5" SUBWOOFER

CAMBRIDGE AUDIO

Cambridge Audio Minx Compact Sub.



- Power Output 200W RMS
- 1x 6.5" active woofer and 1x passive woofer
- Dimensions: 219(H) x 210(W) x 222(D)mm
- Weight: 5kg
- High Gloss finish

● X201B	39815228	
○ X201W	39815229	

MINIME SLAPS POWERED SUBWOOFER

EARTHQUAKE SOUND Sound That Will Move You.



Providing monster bass from small spaces. When it comes to compact subwoofer design, our MiniMe subs continue to break ground.

- Two-driver (one active – one passive) system
- Earthquake Evolved Class D amplifier
- Earthquake extra long-throw driver
- High-gloss piano lacquer finish

○	8"	320W	MINIMEP8W-V2	39816131
●	10"	600W	MINIMEP10-V2	39816135
●	12"	600W	MINIMEP12-V2	39816137
Spare Amp Board for P10/P12			SD-25	39816164

8" POWERED SUBWOOFER 320W

EARTHQUAKE SOUND Sound That Will Move You.



Built-in 320 Watt, high efficiency digital amplifier.

- 8" long throw, premium quality drivers
- Convenient compact size

MINIMEFF8-V2	39816141	

8" POWERED SUBWOOFER

EARTHQUAKE SOUND Sound That Will Move You.



- Speaker level input - up to 10 Volts
- RCA level (low) audio input
- 0.5 to 2.3 Volts
- Auto Turn On / signal detection circuitry

SUB80	39816145	

150W COUCH POTATO SUBWOOFER

EARTHQUAKE SOUND Sound That Will Move You.



Earthquakes new SleekWave CP8 subwoofer can go where others can not. It can be placed under / behind a sofa or bed.

- Built-in 150 Watt amplifier
- 8" long-throw woofer
- Including 2" voice coil ensures high output

CP-8	39816150	

600W SUPERNOVA MKVI SUBWOOFER

EARTHQUAKE SOUND Sound That Will Move You.



The Supernova MKVI Series epitomizes the state-of-the-art in subwoofer design. The MKVI series is uncompromised performance and superior technology coupled with the world's most refined low frequency response.

- Patented SLAPS (Symmetrically Loaded Audio Passive System)
- Earthquake Class J amplifier
- 1,200 Watts dynamic power
- Frequency Response: 15-120Hz
- Full and advanced room correction
- Balanced XLR inputs
- Black ash wood veneer finish

12"	600W	MKVI-12BLK	39816166
15"	600W	MKVI-15BLK	39816168

SUPERNOVA MKVII SUBWOOFER FRONT FIRING



The Supernova MKVII (Mark Seven) Series subwoofers deliver uncompromised LFE performance with magnificent dynamics and accurate articulation. With a deep luxurious black piano lacquer cabinet, these subs are specifically curved to reduce internal resonance and diffractions.

- 600W high efficiency class "J" amplifier
- Phase delay 0-20ms
- ±6dB 20Hz, 30Hz and 40Hz room correction
- Auto On/Off switch
- 110-120V/220-240V voltage selection switch
- XLR, RCA and high level speaker inputs
- Available Sizes: 12" & 15"

12"	MKVII12FF	39816170
15"	MKVII15FF	39816172

COMPLETE AMPLIFIER FOR MKVI



Deliver an unprecedented performance to your home theatre experience with this amplifier. Designed with the patented class "J" circuitry, the IQ1500 can produce massive amounts of power with minimal heat production.

- Custom flush mount design
- Amplifier power: 8Ω load - 700W
- Built-in room equalisation
- Phase shift and delay
- Comes with: Transformer, Remote Eye & Remote

	IQ1500	39816177

400W FRONT FIRING SUBWOOFER



Earthquake's FF subwoofer system was designed to offer consumer budget and volume optimized subwoofer system solutions.

- Front firing design
- Single slot port for optimized bass output
- Built-in 400W Class "A/B" high efficiency power amplifier

10"	FF10	39816202
12"	FF12	39816204

6.5" FRONT FIRING SUBWOOFER



- Single slot port for optimized bass output
- Built-in 150W Class "A/B" amplifier
- Automatic signal detection
- 6.5" high power amplifier
- Front firing design with small footprint

	FF6.5	39816200

MINIME P63 3 SIDED 6.5" SUB



The perfect sub for people who love to experience music and movies at full throttle but are tight on space.

- 3-sided subwoofer with 6.5" driver
- Frequency Response: 30Hz-160Hz
- 500W Max. power
- Piano gloss finish
- Available Colours: Black, White, Red, Silver & Yellow

●	MINIMEP63B	39816210
○	MINIMEP63W	39816212
●	MINIMEP63R	39816214
●	MINIMEP63S	39816216
●	MINIMEP63Y	39816218

10" 1000W ACTIVE SUBWOOFER



Give your home cinema set-up the bass impact it deserves with DB4S – a powerful, classically styled single driver subwoofer that's a perfect match for the 700 series.

- 1,000W Class D Hypex amplifier
- Active closed-box subwoofer system
- Control App
- Finishes Cabinet: Satin White & Gloss Black

●	DB4SB	39817750
○	DB4SW	39817754

100W ACTIVE SUBWOOFER



A stylish addition to any room.

- New Twisted Flare Port
- Advanced YST II

8"	100W		NSSW050	39818216
10"	100W		NSSW100B	39818218
8"	130W	Front Control Panel	NSSW200B	39818223
10"	250W	Front Control Panel	NSSW300B	39818233

10" 100W ACTIVE SUBWOOFER



The Sherwood Teatro speakers deliver a true in home cinema-like experience. The efficient five speaker system is complimented by a 10" subwoofer to reproduce the full audio range, true to life imaging and bass.

- Forward firing, tuned port subwoofer
- 1x 10" Long Throw bass driver
- 100W maximum output

	TEATRO10SW	39819040

PREMIUM 8" 100W DOWNFIRING SUB



Lifestyle sub for music or movies.

- Driver: 8" long throw
- Power: 100W
- Colour: Gloss Black
- RCA & Speaker level inputs
- 0-180 Phase Adjustment
- Level & Crossover Adjustment

	SUB8BK	39819050

600 SERIES SUBWOOFER



Its long-throw driver allows the 600 Series Subwoofers to move the large volumes of air needed for high-quality low-frequency output, and its audiophile-standard Class D amplifier keeps the unit running cool, even when the music or movie action is whipping up a storm.

●	8"	200W	ASW608-BA	39819192
○	8"	200W	ASW608-W	39819193
●	10"	200W	ASW610-BA	39819196
○	10"	200W	ASW610-W	39819197
●	10" (Dual VC)	200+200W	ASW610XP-BA	39819200
○	10" (Dual VC)	200+200W	ASW610XP-W	39819207

8" 1000W HIGH RESOLUTION SUB

Sunfire



- Custom, High Excursion 8" Woofer
- High Back-EMF Design
- 1,000 Watts RMS
- Tracking Downconverter Power Supply
- Soft clipping circuitry
- Auto turn ON
- Crossover Adjustment 30-100Hz inf. var, or crossover bypass

8"	1000W	HRS8B	39819214

DUAL 10" 300W SUBWOOFER

TANNOY



Tannoy TS2.10 active subwoofer.

- 300W Class D amplifier
- Dual 25cm Long throw drivers (1x active, 1x passive)
- Digital signal processing
- Auto power on/off
- Heavy-duty 25mm MDF cabinet

TS2.10	39819328

SPEAKER PACKS

ARENA LITE SPEAKER PACK SILVER

TANNOY



Arena Lite is a special addition to the Arena family designed to make Arena's inspirational style and award-winning performance more affordable than ever.

- Satellite Recommended amplifier: 15 ~ 100 Watts
- Satellite Max sensitivity: 88dB
- Satellite Frequency response: 50Hz ~ 54kHz
- Subwoofer Power: 300W
- Subwoofer size: 10"

AL5.1S	39814517

MINI THEATRE SPEAKERS & SUB

B&W Bowers & Wilkins



Thanks to some dramatic technological improvements, satellites and subwoofers now integrate so seamlessly that each individual speaker seems to vanish, leaving you with the most immersive, fully formed cinema sound possible.

●	MT60DBLACK	39810879
○	MT60DWHITE	39810880

MINI THEATRE SPEAKERS & SUB

B&W Bowers & Wilkins



Blockbuster sound in a small package.

- The MT50 is B&W's smallest home theatre kit
- Despite the size, expect a great movie experience

●	MT50BLACK	39810874
○	MT50WHITE	39810876

MINX 5.1 SPEAKER PACK

CAMBRIDGE AUDIO



- Comprises: 5x Min12 Sats & 1x X301 Sub
- BMR Technology
- Digital subwoofer
- Sub Power Output: 300W
- Sub Speakers: 1x 8" subwoofer 1x 8" passive radiator
- Finishes: High gloss black or high gloss white

●	S315B	39815236
○	S315W	39815240

MINX 5.1 SPEAKER PACK

CAMBRIDGE AUDIO



Sub / Sat pack developed to meet the needs of the most obsessive movie lover.

- BMR Technology
- Digital subwoofer
- Sats: Dual Drivers
- Finish: Black Gloss
- Comprises: 5x MIN22 Sats & 1x X301 Subwoofer
- Sub Speakers: 1x 8" subwoofer 1x 8" passive radiator
- Sub Power Output: 300W

●	S325B	39815244
○	S325W	39815248

7000I 5.1 SPEAKER PACK

ACOUSTICS



The 7000i precision soundstage, powerful dynamics and rich deep bass make it the natural choice for both home cinema and music lovers.

- Shelf or wall mountable using its integrated bracket
- Optional Floor stands
- Class D 150W

●	Q7000IB	39811490
○	Q7000IW	39811495

5.1CH SPEAKER SYSTEM WITH SUB

YAMAHA



Simple 5.1 system with active subwoofer that'll take movies to the next level.

NSPA40B	39817908

5.1CH HOME THEATRE SYSTEM

Sherwood



The Sherwood Teatro speakers deliver a true in home cinema-like experience. The efficient five speaker system is complimented by a 10" subwoofer to reproduce the full audio range, true to life imaging and bass.

- Front: Floor standing, 2-way, tuned bass reflex speaker
- Centre: 2-way, magnetically shielded, Twin Port Speaker
- Rear: 2-way, tuned bass reflex speaker, wall mountable
- Sub: Forward firing, tuned port subwoofer
- The Teatro Pack Speakers can be purchased separately and individually

TEATROPK	39819030

5.1CH HOME THEATRE PACK

Jamo



Jamo A102HCS6W 5.1 Sub / Sat speaker pack with Black satellites.

- A coaxial drive unit
- Compact Neodymium magnets to concentrate magnetic force to the voice coil for cleaner sound
- Power (long/short term): 60W/80W
- Sensitivity: (2.8V, 1m) 86dB
- Frequency Range: 150Hz-20kHz
- Impedance: 6Ω
- Satellites available in Black or White

A102HCS6B	39819119

5.1 HOME THEATRE SPEAKER PACK



Attractive partner for any flat screen TV.

- 5x A200 Satellites
- A200 wall or desk mountable
- 1x Sub 210
- High Gloss Black

A200HCS5B 39819090

DARK APPLE 5.1 SPEAKER PACK



The Jamo S626HCS10 system offers excellent value for money.

- 1x pair of S626 Floorstanding Speakers
- 1x pair of S622 Bookshelf Speakers
- 1x S62CEN Centre Speaker
- 1x J10 10" 300W Subwoofer
- Colour: Dark Apple

S626HCS10DA 39819893

SOUNDBAR

SOUNDBAR WITH DUAL BLUETOOTH



Take your TV sound to the next level.

- Easy to wall-mount
- Amazon Alexa via Bluetooth
- Virtual 3D surround sound with DTS Virtual: X
- Dual Bluetooth for wireless music streaming
- Simple setup with HDMI, optical or aux connection
- Clear Voice mode makes movie dialogue stand out
- 2x 30W and 60W built-in subwoofer

YAS108B 01938683

4K ULTRA HD - HI RES AUDIO BAR



Experience thrilling HD home cinema and sensational music streaming.

- 3-channel soundbar with a dedicated center speaker
- Latest HDMI and 4K UltraHD compatibility
- Bluetooth streaming
- Supports all major streaming formats, including high resolution audio
- Dolby TrueHD, DTS-HD Master Audio

HEOSBAR 01932910

SOUNDBAR & WIRELESS SUBWOOFER



Get the sound that your picture deserves.

- Great style and sound
- Wireless subwoofer
- Bluetooth and NFC connectivity
- 4x HDMI inputs
- ARC
- BMR speaker technology

TVB2 01931980

SOUNDBAR & WIRELESS SUBWOOFER



Elegant, slim soundbar with wireless subwoofer.

- HDMI connectivity (1-in/1-out) with ARC
- Bluetooth wireless streaming with aptX®
- Dolby Digital and DTS decoder built-in
- Optical, Coaxial digital and analogue input
- Learns your TV remote control commands
- Built-in keyholes for direct wall mounting
- Quick Setup Guide for an easy start

DHTS514 01932906

HEOS HOME CINEMA SOUNDBAR

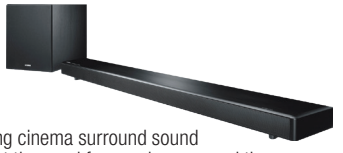


Heos by Denon soundbar and subwoofer.

- Include wireless subwoofer
- Built-in Wi-Fi
- Bi-amplified mid-woofers and tweeters
- Dolby Digital, Dolby Digital Plus and DTS technology
- Spotify®, Pandora® and iHeart Radio

HEOSHOMECINEMA 01932915

7.1CH SOUNDBAR & WIRELESS SUB



Thrilling cinema surround sound without the need for speakers around the room.

- MusicCast multi room with MusicCast App
- Wireless subwoofer
- Wireless music streaming from Bluetooth devices
- IntelliBeam automatically calibrates the Sound Bar for any size or shape room
- HDMI (3-in/1-out) input with 4K60p pass-through and HDCP 2.2
- HD Audio format decoding (Dolby Digital True HD, DTS-HD®)
- Pandora® and Spotify® Connect built-in

YSP2700 01938704

DIGITAL SOUNDBAR & SUBWOOFER



Amazing surround sound and multi-room performance.

- MusicCast
- App for easy set up and operation
- Music streaming via Bluetooth or Airplay
- Bluetooth output for music streaming
- Free controller App for android and iOS
- 4K Ultra HD Full Support with 4K60p, HDCP2.2

YSP1600BMK2 01938692

128W SURROUND SOUND BAR



Top of the range soundbar offering 3D sound equivalent to 7.1.2.

- Dolby Atmos®
- MusicCast
- Dialogue lift
- Wi-Fi, Airplay®, DLNA, Spotify®, Pandora®
- Includes YSTRSW300B subwoofer
- Bluetooth out

YSP5600BSWMK2 01938705

SOUNDBAR WITH BLUETOOTH 50W X2



World's first soundbar with virtual 3D surround.

- Bluetooth for wireless music streaming
- Includes wireless subwoofer
- HDMI: (1-in/1-out) with 4K60p pass through and HDCP2.2
- Clear Voice makes dialogue easy to listen to
- Controller App for iOS and Android

YAS207 01938709

MUSICCAST BAR 400 SOUNDBAR



MusicCast BAR 400 – Transform the way you watch TV.

- Includes wireless subwoofer
- Clear Voice mode
- Alexa voice control compatibility
- Music streaming services built-in
- MusicCast multi-room technology
- High-resolution audio

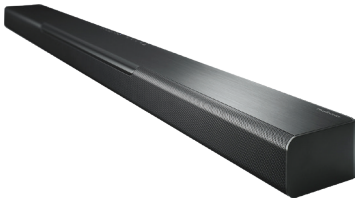
YAS408B 01938714

MUSICCAST BAR40 SOUNDBAR

YAMAHA

MusicCast BAR 40- understated sophistication.

- 3D surround sound with DTS Virtual: X
- Clear Voice mode
- Alexa voice control compatibility
- Music streaming services built-in
- MusicCast multi-room technology
- Ability to add wireless surround sound speaker/s



- Ability to add wireless subwoofer (MusicCast SUB 100)

YMS4080B 01938718

2.1CH SOUND BAR + WIRELESS SUB

Wintal Digital Living

The WSB11 is intended to replace your Slim TV's low quality audio and includes a wireless subwoofer that can be placed anywhere in your room, providing a richer and deeper sound that would otherwise be impossible to achieve with your TV's built-in speakers.



- 100 Watts power (20W x 2 + 60W wireless subwoofer)
- Dolby Digital and DTS surround sound
- Can be wall-mounted or placed on a shelf or rack

WSB11 39816600

IN-WALL / CEILING SPEAKERS

6.5" EDGELESS CEILING SPEAKERS

Wintal Digital Living

6.5" Woofer & 1" Mylar Cone Tweeter with treated paper cone & rubber surround. Designed to be mounted flush in-walls or ceilings.

- 6.5" (145mm) Woofer
- 1" (25mm) Mylar Cone Tweeter
- Cut-out Diameter: 205mm
- Sold as a pair
- 6dB Crossover
- Spring/push terminals for quick installation
- Fixing lugs automatically swing out when tightening, so no need for rear access



CE650 39814232

CI 600 SERIES IN-CEILING & IN-WALL SPEAKERS

B&W Bowers & Wilkins



CWM652



CWM663



CWM664



CCM662



CCM663



CCM664



CCM665



CCM663SR



CCM664SR



CCM682



CCM684

Each of B&W's custom installation speakers has been developed with the same care and attention as they lavish on their more conventional, cabinet-based designs. The CI 600 Series speakers are no exception.

- Super-thin bezels that can be sprayed in a colour of your choice mean they are barely noticeable
- A choice of square or round grilles allow a speaker to blend into its surrounding
- Harnesses the same Bowers & Wilkins technologies that are used in some of the world's best recording studios
- A combination of in-wall and in-ceiling speakers provides a great deal of flexibility
- Almost all CI 600 tweeters can be positioned in a variety of angles
- Switch on the front baffle of our speakers enables you to angle the midrange frequencies
- Nautilus™ swirl loaded aluminium dome tweeter
- Blue Kevlar® cone bass/midrange

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Unit	Mount	Model	Code
Stereo/LCR/Surround	5"	2-way	100W	54Hz ~ 50kHz	86dB	8Ω	153 x 228mm	191 x 264 x 95mm	Pair	In-wall	CWM652	39818020
Stereo/LCR/Surround	6"	2-way	150W	45Hz ~ 50kHz	88dB	8Ω	183 x 279mm	221 x 315 x 95mm	Pair	In-wall	CWM663	39737025
Stereo/LCR/Surround	6"	2-way	130W	45Hz ~ 35kHz	87.5dB	8Ω	183 x 279mm	221 x 315 x 95mm	Pair	In-wall	CWM664	39737030
Stereo/LCR/Surround	6"	2-way	150W	45Hz ~ 50kHz	88dB	8Ω	Ø202mm	Ø240 x 133mm	Each	In-ceiling	CCM662	39818021
Stereo/LCR/Surround	6"	2-way	130W	45Hz ~ 50kHz	88dB	8Ω	Ø202mm	Ø240 x 133mm	Each	In-ceiling	CCM663	39818022
Stereo/LCR/Surround	6"	2-way	130W	45Hz ~ 35kHz	87dB	8Ω	Ø202mm	Ø240 x 133mm	Pair	In-ceiling	CCM664	39818024
Multi-purpose	6"	2-way	130W	45Hz ~ 35kHz	87dB	8Ω	Ø202mm	Ø240 x 133mm	Pair	In-ceiling	CCM665	39818025
Single/Surround Stereo / Surround	6"	2-way	80W	48Hz ~ 30kHz	83dB	8Ω	Ø202mm	Ø240 x 133mm	Each	In-ceiling	CCM663SR	39818023
Single/Surround Stereo / Surround	6"	2-way	80W	48Hz ~ 30kHz	82dB	8Ω	Ø202mm	Ø240 x 137mm	Each	In-ceiling	CCM664SR	39818033
Stereo/LCR/Surround	8"	2-way	150W	35Hz ~ 50kHz	89dB	8Ω	Ø250mm	Ø290 x 137mm	Each	In-ceiling	CCM682	39818027
Stereo/LCR/Surround	8"	2-way	130W	35Hz ~ 35kHz	88dB	8Ω	Ø250mm	Ø290 x 133mm	Pair	In-ceiling	CCM684	39818030

6" 2-WAY IN-WALL SINGLE SPEAKER

B&W Bowers & Wilkins



Experience true cinema sound with this CI700 range speaker. Compact design, allows it to slot into tight spaces without any loss of sound quality.

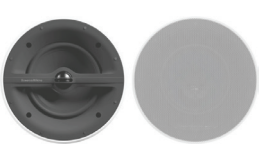
- Nautilus™ tube loaded soft dome tweeter with a ø150mm (6") blue Kevlar® cone bass/midrange

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Model	Code
Stereo/LCR/Surround	6"	2-way	150W	49Hz ~ 28kHz	86dB	6Ω	226 x 390mm	251 x 415 x 460mm	In-wall	CWM7.4SINGLE	39737034

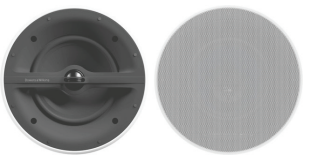
CI 300 SERIES IN-CEILING & IN-WALL SPEAKERS

B&W Bowers & Wilkins

The three models in the CI 300 Series have been specifically designed to cope with more demanding environments, so whereas their cost effectiveness may lead them to being described as entry level, they also provide a point of entry to areas of the home that were previously off-limits for high-quality installation loudspeakers.



CCM362



CCM382



CWM362

- Suitable for high-humidity environments such as a sauna or indoor swimming pool
- Custom installation speakers, music and movies can enrich your life, but needn't intrude into it
- Crafted from the finest materials and using the latest technology
- Sold in pairs
- Frequency Range (-6dB): 50Hz-30kHz

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Multi-purpose	Humidity-resistant	6"	2-way	80W	50Hz ~ 30kHz	89dB	8Ω	Ø204mm	Ø240x79mm	In-ceiling	Pair	CCM362	39818004
Multi-purpose	Humidity-resistant	8"	2-way	80W	45Hz ~ 30kHz	90dB	8Ω	Ø253mm	Ø290x85mm	In-ceiling	Pair	CCM382	39818006
Multi-purpose	Humidity-resistant	6"	2-way	80W	50Hz ~ 30kHz	89dB	8Ω	185x279mm	221x315x76mm	In-wall	Pair	CWM362	39818015

3-WAY IN-CEILING SPEAKER

B&W Bowers & Wilkins

Setting a whole new standard for in-ceiling sound quality, the top-range CCM7.3 is a three-way speaker featuring true audiophile technologies.



- Nautilus™ tube-loaded 25mm (1") soft dome tweeter
- 100mm (4") FST™ Kevlar® mid-range
- 2x 130mm (5") paper/Kevlar bass drivers
- Reinforced ABS baffle

CCM7.3	39818040

IN-WALL/CEILING SUBWOOFER

B&W Bowers & Wilkins



Incredibly versatile and compact in-wall and in-ceiling subwoofer.

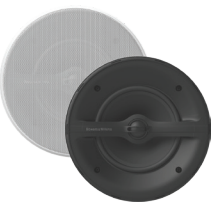
- 2x 165mm (6.5") Paper/Kevlar® cone
- Maximum Amp Power: 250W
- Impedance Nominal: 8Ω (Minimum 6.3ohm)
- Frequency response: ±3dB 27Hz-120Hz adjustable (EQ at A)
- Weight: 12.5kg

Application		Size	Power	Frequency response	Impedance	Dimensions	Mount	Unit	Model	Code
Subwoofer	Passive	2x 6.5"	250W	27Hz ~ 120Hz	8Ω	330 x 470 x 235mm	In-wall	Each	ISW3	39818050

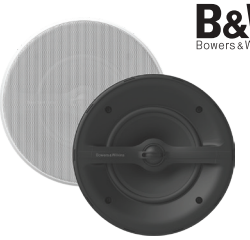
IP66 MARINE-GRADE SPEAKERS

B&W Bowers & Wilkins

These marine speakers were first designed to match exacting sound quality standards, then the necessary toughness to survive the harsh marine environment was added.



MARINE6



MARINE8

- Marine-grade stainless steel metal grille and screws
- Tweeter dome has a rear support to prevent permanent deformation when hosed down
- Sold in pairs

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Marine/Outdoor	6"	2-way	80W	43Hz ~ 26kHz	88dB	8Ω	Ø202mm	Ø243 x 96mm	In-ceiling	Pair	MARINE6	39818060
Marine/Outdoor	8"	2-way	80W	36Hz ~ 26kHz	88dB	8Ω	Ø253mm	Ø292 x 101mm	In-ceiling	Pair	MARINE8	39818062

7" IN-CEILING LCR SPEAKER

B&W Bowers & Wilkins

This speaker is designed for down-firing, in-ceiling left, centre and right speaker positions in a discreet home cinema system.

- They are angled towards the listener for clear dialogue and accurate special effects



CCMCINEMA7



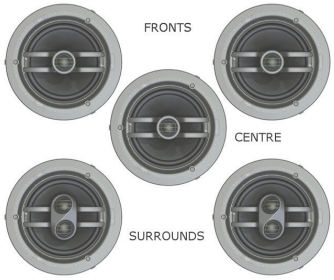
CWMCINEMA7

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	7"	2-way	150W	25Hz ~ 50kHz	87dB	8Ω	Ø254mm	Ø290 x 133.5mm	In-ceiling	Each	CCMCINEMA7	39817002
Stereo/LCR	4"	3-way / 5-driver	150W	34Hz ~ 50kHz	85dB	8Ω	147 x 597mm	175 x 625 x 100.2	In-wall	Each	CWMCINEMA7	39817004

HOME THEATRE SPEAKER PACK

NILES

A complete Home Theatre solution, utilizing ceiling mount loudspeakers specially tailored for front, centre and surround effect applications. It's glass fiber woofer cones and proprietary Teteron® tweeters extend the frequency response for a superior listening experience.



PR7SYSTEM



PR8SYSTEM

Application		Mount	Unit	Model	Code
Surround Pack	3x DS7PR + 2x DS7FX	In-ceiling	Pack	PR7SYSTEM	39812400
Surround Pack	3x DS8PR + 2x DS8FX	In-ceiling	Pack	PR8SYSTEM	39812402

CM LOUDSPEAKER SERIES

NILES



CM4PR



CM7BG



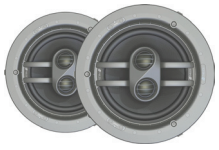
CM7MP



CM7PR



CM7SI



CM7FX



CM7HD



CM7SD



CM8MP



CM8PR



CM8SI



CM8HD

Available in 7" and 8" versions, there are left/centre/right, surround effects, and stereo input models to satisfy applications ranging from advanced home theatres to distributed audio systems.

- Magnetically attached MicroThin™ round speaker grilles ensure a clean, unobtrusive designer appearance that blends with the room's aesthetics
- Weather-resistant construction enables installation in moist areas such as bathrooms or outdoors under eaves

Application		Size	System	Power	Frequency response	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Multi-purpose	with rear-wave enclosure	3.5"	2-way	100W	70Hz ~ 21kHz	8Ω	Ø117.5mm		In-ceiling	Each	CM4PR	39812444
Background		7"	2-way	75W	58Hz ~ 20kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Each	CM7BG	39812450
Multi-purpose		7"	2-way	130W	55Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Each	CM7MP	39812452
Stereo/LCR		7"	2-way	130W	52Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Each	CM7PR	39812454
Single speaker	Stereo input	7"	2-way	130W	55Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Each	CM7SI	39812456
Surround	Di-/Bi-pole	7"	2-way	140W	52Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Pair	CM7FX	39812458
Stereo/LCR		7"	2-way	160W	48Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 111mm	In-ceiling	Each	CM7HD	39812460
Shallow depth		7"	2-way	100W	52Hz ~ 21kHz	8Ω	Ø251mm	Ø251 x 70mm	In-ceiling	Each	CM7SD	39812462
Multi-purpose		8"	2-way	140W	50Hz ~ 21kHz	8Ω	Ø248mm	Ø289 x 121mm	In-ceiling	Each	CM8MP	39812468
Stereo/LCR		8"	2-way	140W	48Hz ~ 21kHz	8Ω	Ø248mm	Ø289 x 121mm	In-ceiling	Each	CM8PR	39812470
Single speaker	Stereo input	8"	2-way	130W	55Hz ~ 21kHz	8Ω	Ø216mm	Ø251 x 95mm	In-ceiling	Each	CM8SI	39812472
Stereo/LCR		8"	2-way	160W	48Hz ~ 21kHz	8Ω	Ø248mm	Ø289 x 121mm	In-ceiling	Each	CM8HD	39812475

DIRECTED SOUNDFIELD SERIES CEILING MOUNT LOUDSPEAKERS

NILES



DS7FX DS7PR DS7MP DS7SI DS8FX DS8PR DS8HD

Niles DS Loudspeakers deliver an uncompromising combination of designer oriented aesthetics, superb sound performance, and ease of installation. Niles' Directed Soundfield™ pivoting woofer technology precisely directs the sound to the listening area for the best possible audio performance.

- Magnetically attached MicroThin™ round speaker grilles ensure a clean, unobtrusive designer appearance
- Patented Directed Soundfield™ technology precisely directs the sound to the listening area for better sound quality
- Spring tensioned mounting clamps permit quick installation and compensate for uneven mounting surfaces

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Surround	Di-/Bi-pole	7"	2-way	140W	52Hz ~ 21kHz	107dB	8Ω	Ø216mm	Ø252 x 152mm	In-ceiling	Pair	DS7FX	39812405
Stereo/LCR		7"	2-way	130W	52Hz ~ 21kHz	107dB	8Ω	Ø216mm	Ø252 x 152mm	In-ceiling	Each	DS7PR	39812410
Multi-purpose		7"	2-way	130W	55Hz ~ 21kHz	105dB	8Ω	Ø216mm	Ø252 x 152mm	In-ceiling	Each	DS7MP	39812416
Single speaker	Stereo input	7"	2-way	130W	55Hz ~ 21kHz	105dB	8Ω	Ø216mm	Ø252 x 152mm	In-ceiling	Each	DS7SI	39812420
Surround	Di-/Bi-pole	8"	2-way	160W	48Hz ~ 21kHz	115dB	8Ω	Ø248mm	Ø286 x 152mm	In-ceiling	Pair	DS8FX	39812438
Stereo/LCR		8"	3-way	140W	48Hz ~ 21kHz	112dB	8Ω	Ø248mm	Ø286 x 152mm	In-ceiling	Each	DS8PR	39812440
Stereo/LCR		8"	3-way	160W	48Hz ~ 21kHz	115dB	8Ω	Ø248mm	Ø286 x 152mm	In-ceiling	Each	DS8HD	39812442

IN-WALL MULTI-PURPOSE / LCR

NILES



MP6R HD8R HD6R PR6R HDLCRRP

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Multi-purpose		6.5"	2-way	75W	65Hz ~ 20kHz	88dB	8Ω	194 x 270mm	222 x 300 x 105mm	In-wall	Pair	MP6R	39812530
Stereo/LCR		8"	2-way	150W	50Hz ~ 21kHz	89dB	6Ω	232 x 333mm	260 x 362 x 105mm	In-wall	Pair	HD8R	39812531
Stereo/LCR		6.5"	2-way	125W	50Hz ~ 21kHz	89dB	6Ω	194 x 270mm	222 x 300 x 105mm	In-wall	Pair	HD6R	39812537
Stereo/LCR		6.5"	2-way	100W	60Hz ~ 20kHz	89dB	4Ω/8Ω	194 x 270mm	222 x 300 x 105mm	In-wall	Pair	PR6R	39812538
Stereo/LCR	Dual-woofer	5.25"	2-way	150W	65Hz ~ 20kHz	89dB	4Ω	181 x 337mm	369 x 210 x 102mm	In-wall	Each	HDLCRRP	39812539

IN-WALL LCR SOUNDBAR SYSTEM

NILES

Niles Cynema Soundfield in-wall LCR soundbar.

- Suits 450 or 600mm stud configurations
- Sensitivity: 86dB, 1kHz @ 1W/1m
- Max. SPL: 105dB (LCR System)
- Frequency Response: 65Hz - 25kHz
- Power Handling Capability: 100 Watts
- Hole Cutout Dimensions: 9.53(H) x 114.94(W)cm



Application		Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	LCR-in-one	100W	65Hz ~ 25kHz	86dB	6Ω	95.3 x 1149.4mm	133.5 x 1219.2 x 126mm	In-wall	Each	CSF48P	39813009

IN-CEILING SPEAKER

EARTHQUAKE SOUND Sound That Will Move You.

The new ACS 3.0 In-Ceiling speakers were designed to produce audiophile quality sound from a compact package. These tiny speakers can effortlessly produce full sound that will impress you. With its resemblance to ceiling recessed lights, paintable grille and frame, the ACS3.0 can easily blend to its surrounding.

- Push terminals
- Compact design with paintable grille and frame to easily blend with the surroundings
- Comes completed with mounting clips for a snappy installation



Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Background	3"	1-way	50W	150Hz ~ 20kHz	85dB	8Ω	Ø74mm	Ø81 x 65mm	In-ceiling	Each	ACS3.0	39816012

AMP235 + EWS600 SPEAKER KIT



The ideal amplifier+speakers kit for your Home Entertainment System. The slim design AMP-235 Amplifier is perfect for sitting behind your TV, whilst the pair of edgeless EWS600 speakers can be mounted seamlessly into the wall or ceiling.

- Kit Includes: 1x AMP235 2 Channel digital amplifier & 1x pair of EWS600 6.5" 2-way wall speakers.

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Model	Code
Stereo/LCR	6"	2-way	300W	40Hz ~ 20kHz	87dB	8Ω	188 x 275mm	248 x 303 x 90mm	In-wall	AMP235KIT	01618967

EDGELESS ECS SERIES CEILING & WALL SPEAKERS

The new ECS Edgeless Ceiling Speaker series is one of Earthquake Sound's most valued speaker lines. Designed like no other, the ECS is a prime example of Earthquake's continuing pursuit of audio excellence. With aesthetics (WAF - Wife Approval Factor) and sound quality in mind, the ECS seamlessly blends into its surrounding as it provides a lifetime of durability and high-end performance.

- Frameless design for reduced visibility/seamless blend
- Low mass stiff Kevlar cone bodies for a very smooth, accurate and detailed sound reproduction
- 1" (25mm) silk dome NEO swivelling tweeters
- ±3dB bass and treble controls
- 12dB/Octave filter network crossover with polyswitch protection
- Gold-plated, spring loaded terminals
- Easy to use Turn-N-Lock™ installation mechanism
- Magnetically attached and paintable grilles


EWS530C


ECS6DUAL


EWS600


ECS6.5


ECS8.0


ECS8DUAL


ECSSS82


EWS800

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Centre	Dual-woofer	5.25"	3-way	350W	40Hz ~ 20kHz	87dB	8Ω	326x224mm	349x248x85mm	In-wall	Each	EWS530C	39816040
Surround/single speaker	Stereo or Di-/Bi-pole	6"	2-way	350W	40Hz ~ 20kHz	87dB	4Ω/8Ω	Ø200mm	Ø217x110mm	In-ceiling	Each	ECS6DUAL	39816018
Stereo/LCR		6"	2-way	300W	40Hz ~ 20kHz	87dB	8Ω	188x275mm	248x303x90mm	In-wall	Pair	EWS600	39816045
Stereo/LCR		6.5"	2-way	300W	40Hz ~ 20kHz	87dB	8Ω	Ø200mm	Ø217x110mm	In-ceiling	Pair	ECS6.5	39816015
Stereo/LCR		8"	2-way	400W	30Hz ~ 20kHz	88dB	8Ω	Ø240mm	Ø267x124mm	In-ceiling	Pair	ECS8.0	39816025
Surround/single speaker	Stereo or Di-/Bi-pole	8"	2-way	450W	30Hz ~ 20kHz	88dB	4Ω/8Ω	Ø240mm	Ø267x124mm	In-ceiling	Each	ECS8DUAL	39816028
Stereo/LCR/Surround	SweetSpot angled	8"	2-way	300W	30Hz ~ 30kHz	91dB	8Ω	Ø245mm	Ø285x153mm	In-ceiling	Each	ECSSS82	39816029
Stereo/LCR		8"	2-way	500W	30Hz ~ 20kHz	88dB	8Ω	224x326mm	248x349x103mm	In-wall	Pair	EWS800	39816050

IQ SERIES CEILING MOUNT SPEAKERS



The IQ audiophile in-ceiling speakers are designed to produce a flawless sound in an imperfect form. The IQ series employs over-sized butyl surround which allows long excursions and enhances the low frequency extension well beyond the typical response of any other in-ceiling speakers.

- Aluminium electroplated carbon fibre cones
- 3/4" neodymium magnet dome tweeter with "On-Axis" 180° positioning for better staging and imaging
- High roll surround / long excursion
- Gold-plated spring loaded terminals
- Sold as a pair

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Single speaker	Stereo input	8"	2-way	400W	30Hz ~ 21kHz	91dB	8Ω	Ø240mm	Ø267 x 121mm	In-ceiling	Pair	IQ8S	39816310

THOR – 10" IN-WALL SUBWOOFER



The Thor is one of the world's most popular in-wall subwoofers due to:

- A shallow 96mm mounting depth
- Big power due to Earthquake's SLAPS passive radiator design
- Fits between standard 450mm or 600mm studs
- Power 2 Thors off a single XJ700 subwoofer amp

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Subwoofer	10"	1-way	300W	20Hz ~ 160Hz	89dB	4Ω	349 x 610mm	473 x 711 x 96mm	In-wall	Each	IW-SUB10	39816055

IN-WALL LINE ARRAY LCR SPEAKER

EARTHQUAKE SOUND
Sound That Will Move You.

Designed for use in home theatres, hallways, bathrooms and atriums.

- 6x 3" low mass poly cone midbass
- Frameless design for reduced visibility/seamless blend
- Stiff aluminium body
- Magnetically attached, versatile, paintable grilles



Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	6x 3"	2-way	350W	40Hz ~ 20kHz	89dB	8Ω	654 x 102mm	673 x 121 x 73mm	In-wall	Each	EWSLA63	39816090

REFERENCE CEILING SPEAKERS

EARTHQUAKE SOUND
Sound That Will Move You.

The newly redesigned 6.5" RCS (Reference Ceiling Speakers) maintain their balance of high quality audio and affordability while giving the added bonus of high end visual aesthetics.

- Edgeless design for seamless blend
- 1" silk dome swivel NEO tweeter
- Bumped back basket for high speaker excursion
- Wider surround for deeper bass and higher speaker excursion
- 12 dB/Octave filter network crossover
- Thermal tweeter protection
- Custom compact spring loaded terminals
- Easy to use Turn-N-Lock™ installation mechanism
- Paintable rust-resistant grille



R650



R800

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	6.5"	2-way	160W	45Hz ~ 20kHz	92dB	8Ω	Ø200mm	Ø233x101mm	In-ceiling	Pair	R650	39816110
Stereo/LCR	8"	2-way	200W	45Hz ~ 20kHz	92dB	8Ω	Ø240mm	Ø267x116mm	In-ceiling	Pair	R800	39816115

MARINE GRADE SPEAKER SET

EARTHQUAKE SOUND
Sound That Will Move You.

Marine component speaker set. Includes paired 5" woofers, 20mm tweeters, and crossovers. All sealed and made from high-grade weather resistant components. Rubber seals and rubber coated cones add superior protection against the elements.

- 145 Watts MAX power
- Impedance: 4Ω
- Frequency Response: 50Hz-22kHz
- Sensitivity: 89dB@1W/1M



MC5	39816230

IN-CEILING SPEAKERS

studio acoustics
inspired by imagination



SA350W



SA360W



SA600WM



SA800WM



SASS360



SASS366

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Multi-purpose		5.25"	2-way	70W	50Hz ~ 20kHz	88dB	8Ω	Ø175mm	Ø205 x 82mm	In-ceiling	Pair	SA350W	39817155
Background		6.5"	2-way	80W	45Hz ~ 20kHz	89dB	8Ω	Ø212mm	Ø232 x 70mm	In-ceiling	Pair	SA360W	39817158
Multi-purpose	Indoor/outdoor	6.5"	2-way	80W	40Hz ~ 20kHz	89dB	8Ω	Ø202mm		In-ceiling	Pair	SA600WM	39817162
Multi-purpose	Indoor/outdoor	8"	2-way	100W	35Hz ~ 20kHz	89dB	8Ω	Ø246mm		In-ceiling	Pair	SA800WM	39817178
Multi-purpose	Stainless steel	6.5"	2-way	80W	50Hz ~ 20kHz		8Ω	Ø193mm	Ø216 x 85mm	In-ceiling	Pair	SASS360	39817220
Single speaker	Stainless steel + Stereo input	6.5"	2-way	80W	50Hz ~ 20kHz		8Ω	Ø193mm	Ø216 x 85mm	In-ceiling	Each	SASS366	39817230

INVISIBLE SPEAKER

EOGO

Experience first-class sound whilst maintaining spatial aesthetics. Sophisticated sound panels are artfully hidden within the walls, providing an ambient music-filled space with no visible speakers.

- Disperses sound outwards in a full 180°
- Patented Polymer Acoustic Transmission Fibre powder for limit sound wastage
- 8Ω Impedance
- Overall Dimensions: 300(W) x 400(H) x 33.5(D)mm



Rated Power	Max. Power	Sensitivity	Frequency Response	Dimensions	Model	Code
20W	30W	92dB	150-20kHz	150-20kHz	V30	39814402
20W	30W	92dB	100-20kHz	100-20kHz	V30P	39814404
40W	60W	94dB	100-20kHz	100-20kHz	E30	39814406
80W	120W	96dB	120-20kHz	120-20kHz	M30	39814408

LINEARESPONSE® INVISIBLE SPEAKERS

Stealth Acoustics

With Stealth Acoustics you get dynamic full range audio placed where you want, without regard to the architectural conflicts that occur with conventional speaker grilles and boxes.

- Totally invisible full-range speakers
- Totally invisible subwoofers
- Installs like a standard drywall patch
- Finish options include latex paint, flat finish, orange peel texture, light plaster, light wallpaper, or light fabric


LR3


LR6SINGLE


LR6


LR8SINGLE


SLR8SINGLE


LR8


B22


B30

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Dimensions	Mount	Unit	Model	Code
Stereo/LCR		8"	3-way	150W	40Hz ~ 20kHz	85dB	4Ω	403 x 762 x 83mm	In-wall	Pair	LR3	39817400
Stereo/LCR		6"	2-way	100W	45Hz ~ 20kHz	83dB	8Ω	403 x 302 x 58mm	In-wall	Each	LR6SINGLE	39817408
Stereo/LCR		6"	2-way	100W	45Hz ~ 20kHz	83dB	8Ω	403 x 302 x 58mm	In-wall	Pair	LR6	39817407
Stereo/LCR		8"	2-way	120W	40Hz ~ 20kHz	83dB	8Ω	403 x 559 x 63.5mm	In-wall	Each	LR8SINGLE	39817416
Single speaker	Stereo input	8"	2-way	120W	45Hz ~ 20kHz	82dB	8Ω	403 x 559 x 64mm	In-wall	Each	SLR8SINGLE	39817420
Stereo/LCR		8"	2-way	120W	45Hz ~ 20kHz	83dB	8Ω	403 x 559 x 64mm	In-wall	Pair	LR8	39817412
Subwoofer		8"	1-way	80W	30Hz ~ 150Hz	86dB	8Ω	403 x 559 x 64mm	In-wall	Pair	B22	39817427
Subwoofer	Dual-woofer	8"	1-way	100W	20Hz ~ 160Hz	86dB	4Ω/16Ω	403 x 762 x 64mm	In-wall	Pair	B30	39817425

100W 8" 2-WAY CEILING SPEAKERS

cord

Cord CM8 in-ceiling speakers.

- 8" 2-way
- Tweeter: 1" adjustable Ferrofluid Cooled Silk Dome
- Woofer: 8" with Polypropylene Cone
- Magnetic detachable, Micro edge bezel paintable grilles
- Freq response: 30Hz ~ 20kHz
- Sold as a pair



CM8	39819046

LOW-PROFILE IN-CEILING SPEAKERS

YAMAHA

Yamaha's new easy-to-install and versatile in-ceiling speakers deliver high performance sound in a low profile and unobtrusive design. The speakers are designed to fit all situations.

- Choice of four models with high sound quality to meet various custom installation requirements
- Grain-finished acoustic baffle with spiral pattern for natural sound dispersion
- Slim profile design for flush in-ceiling or in-wall mounting
- Sealed back cover to protect speaker and crossover from dust and moisture
- Paintable grille with magnets for quick and easy installation
- Sold in pairs


NSIC400


NSIC600


NSIC800

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Multi-purpose	4"	1-way	90W	95Hz ~ 40kHz	87dB	8Ω	Ø122mm	Ø139 x 79mm	In-ceiling	Pair	NSIC400	39819252
Multi-purpose	6"	2-way	110W	65Hz ~ 28kHz	90dB	8Ω	Ø204mm	Ø231 x 109mm	In-ceiling	Pair	NSIC600	39819254
Multi-purpose	8"	2-way	140W	50Hz ~ 28kHz	90dB	8Ω	Ø245mm	Ø272 x 109mm	In-ceiling	Pair	NSIC800	39819256

CONTRACTOR CS SERIES IN-CEILING SPEAKERS

Jamo

The Contractor series offers a remarkable yet affordable acoustic performance. It is a versatile series that is the right choice for a wide range of installations, from hallways, workshops and retail stores to basements, garages and offices. Simply put: every place where there is a need for good sound.

- Full-range in-ceiling speakers
- Ideal for background/ambient music
- Paintable grille
- Moisture resistant Polypropylene woofers


IC102


6.5CST


6.52DVCA2


8.5CST

Application		Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Background		2"	1-way	45W	150Hz ~ 20kHz	82dB	6Ω	Ø72mm	Ø80 x 60mm	In-ceiling	Pair	IC102	39819700
Background		6.5"	2-way	25W	75Hz ~ 22kHz	88dB	8Ω / 70V / 100V	Ø198mm	Ø227 x 70mm	In-ceiling	Pair	6.5CST	39819710
Single speaker	Stereo input	6.5"	2-way	25W	65Hz ~ 22kHz	89dB	8Ω	Ø198mm	Ø229 x 85mm	In-ceiling	Each	6.52DVCA2	39819715
Background		8"	2-way	25W	50Hz ~ 22kHz	88dB	8Ω / 70V / 100V	Ø241mm	Ø272 x 93mm	In-ceiling	Pair	8.5CST	39819720

200 SERIES IN-CEILING SPEAKERS

The Jamo Custom 200 family is the latest addition to the highly acclaimed Jamo Custom Series of in-wall and in-ceiling speakers. By utilizing modern design (including paintable, magnetic grilles), and core technologies such as Decoupled (DTT) Tweeters and Hard Conical Cone (HCC) woofers, Jamo has once again revolutionized the custom-installation speaker market with audiophile-grade performance at unparalleled price points.

- White flat paintable grille
- Injection molded graphite woofer
- Pivot tweeter
- Tweeter bridge



IC206 IC208

Application	Size	System	Power	Frequency response	Impedance	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	6.5"	3-way	110W	68Hz ~ 21kHz	8Ω	Ø201 x 124mm	In-ceiling	Pair	IC206	39819706
Stereo/LCR	8"	2-way	130W	60Hz ~ 21kHz	8Ω	Ø272 x 112mm	In-ceiling	Pair	IC208	39819708

3-WAY 6.5" IN-CEILING SPEAKER

LCR in-ceiling speaker.

- 6.5" 3-way speaker
- 1" Polymer Soft Dome Pivot Tweeter with DTT Technology
- 1.5" Polymer Soft Dome Pivot Midrange
- 6.5" Injection Molded Graphite Woofer



- Frequency Response: 68Hz-21kHz
- Flat paintable magnetic grille

IC206LCRFG 39819712

8.5" SINGLE STEREO SPEAKER

The 8.52DVCA2FG is an excellent, value in-ceiling sound solution.

- Can be used indoor or outdoor
- Pivoting domes that can be directed
- Paintable frame and grille



- Dual voice coil for true stereo sound from a single speaker

8.52DVCA2FG 39819717

2-WAY 6.5" IN-WALL SPEAKERS

A wall loudspeaker packed with high-performance features.



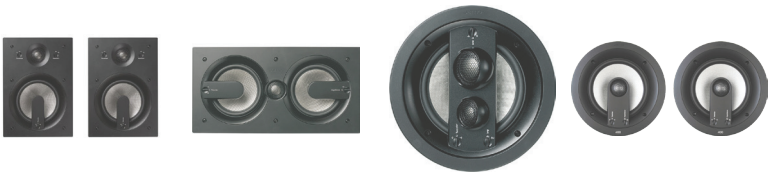
- Tweeter: 0.5" Mylar™ tweeter
- 6.5" 2-way
- Sold as a pair
- Woofer: 6.5" Polypropylene woofer
- Freq. Response: 75Hz-22kHz
- Cut out dimensions: 11.5 x 7.8"

660CS 39819755

400 CUSTOM SERIES IN-CEILING & IN-WALL SPEAKERS

If you like the acoustic qualities of the potent cabinet speakers in the C 400 series, you can now have the same sound built-into your walls or ceilings. This means that you can now have great sound in a limited space.

- All 400 Custom Series speakers have Kevlar® cones for exceptional lightness, an incredible strength and great stiffness
- Speakers can be mounted at a height of several metres thanks to Jamo's clever SoundAngle technology
- Entire range is paintable to match your decor



IW406FG IW425LCRFG IC408LCR IC408FG

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	6.5"	2-way	60W	65Hz ~ 22kHz	88dB	4Ω/8Ω	199x291mm	231x325x107mm	In-wall	Pair	IW406FG	39819740
Stereo/LCR Dual-woofer	5.5"	2-way	60W	75Hz ~ 22kHz	89dB	4Ω/8Ω	362x174mm	395x204x104mm	In-wall	Each	IW425LCRFG	39819750
Stereo/LCR Dual, directional tweeters	8"	3-way	80W	55Hz ~ 22kHz	89dB	4Ω/8Ω	Ø244mm	Ø272x141mm	In-ceiling	Each	IC408LCR	39819794
Stereo/LCR	8"	2-way	80W	55Hz ~ 22kHz	89dB	4Ω/8Ω	Ø244mm	Ø272x112mm	In-ceiling	Pair	IC408FG	39819796

600 CUSTOM SERIES IN-CEILING & IN-WALL SPEAKERS



IW606FG IW608FG IW626LCR IC606FG IC608 IC608LCR IC610LCRFG

As a perfect match for the C 600 series, Jamo offers a series of advanced installation speakers, the 600 Custom series. They are all equipped with the same tweeter and woofer as the cabinet speakers in the C 600 series.

- Complete speaker system, characterised by an open and very musical sound reproduction
- You can focus the sound around your listening position, as speakers have directional treble and midrange frequencies
- Jamo's SoundAngle technology, makes it possible to angle the sound (up to 30°) downward

Application	Size	System	Power	Frequency response	Sensitivity	Impedance	Cut-out	Dimensions	Mount	Unit	Model	Code
Stereo/LCR	6.5"	2-way	60W	65Hz ~ 22kHz	88dB	4Ω/8Ω	199x291mm	231x325x107mm	In-wall	Pair	IW606FG	39819777
Stereo/LCR	8"	2-way	80W	55Hz ~ 22kHz	89dB	4Ω/8Ω	240x344mm	270x375x105mm	In-wall	Each	IW608FG	39819780
Stereo/LCR Dual-woofer, dual-tweeter	6.5"	3-way	80W	60Hz ~ 22kHz	90dB	4Ω/8Ω	200x530mm	232x562x107mm	In-wall	Each	IW626LCR	39819782
Stereo/LCR	6.5"	2-way	60W	65Hz ~ 22kHz	88dB	4Ω/8Ω	Ø201mm	Ø229x114mm	In-ceiling	Each	IC606FG	39819786
Stereo/LCR	8"	2-way	80W	55Hz ~ 22kHz	89dB	4Ω/8Ω	Ø244mm	Ø272x112mm	In-ceiling	Each	IC608	39819790
Stereo/LCR Dual, directional tweeters	8"	3-way	80W	55Hz ~ 22kHz	89dB	4Ω/8Ω	Ø244mm	Ø272x141mm	In-ceiling	Each	IC608LCR	39819792
Stereo/LCR Dual, directional tweeters	10"	3-way	100W	32Hz ~ 22kHz	91dB	4Ω/8Ω	Ø310mm	Ø342x192mm	In-ceiling	Each	IC610LCRFG	39819802

ACTIVE ABUS IN-CEILING SPEAKER



6.5" 2-way active in-ceiling speakers.

- 60 Watts
- 55Hz-20kHz
- Inbuilt IR receiver
- Learning remote with wall cradle
- Muting facility with indicator LED
- Status indicator
- Sold as a pair

ABDC6	39894572

PASSIVE ABUS IN-CEILING SPEAKERS



6.5" 2-way passive in-ceiling speakers.

- 5-60 Watts power rating
- 55Hz-20kHz response
- Impedance: 8Ω
- 88dB sensitivity
- Powder coated Aluminium grill
- Cut out Diameter 206mm
- Sold as a pair

ABPC6	39894576

ON-WALL / DIPOLE SPEAKERS

HIGH FIDELITY LCR SPEAKER



Full range, magnetically shielded drivers with 4" Kevlar® cones and Piston-Max patented technology.

- 2x 1" enhanced live action silk dome tweeters
- AASD (Acoustic Array System Design) technology
- Vari-Mount installation system for vertical/horizontal placement
- Gold-plated push terminals

TITAN HESTIA	39816102

INDOOR / OUTDOOR SPEAKERS

HI-FI LANDSCAPE AUDIO SYSTEM



Transform your backyard into an outdoor audio entertainment area.

- 4x 4" 2-way satellite speakers
- 1x 8" dual voice coil burial sub
- All-weather enclosures
- Expandable with AS4SAT Expansion Pack. Sold separately
- Frequency Response: 39Hz-20kHz
- Recommended Amp Power: 100-200 Watts

AS41	39812060

4" 2-WAY SATELLITE SPEAKERS



Acoustascape Satellite extension pack.

- Max. 2 pairs (4) per system
- 4" 2-way satellite
- Frequency Response: 80Hz-20kHz ±3dB
- Recommended Amp Power: 100-200 Watts
- Sold as a pair

AS4SAT	39812065

5" 2-WAY STEREO INPUT SPEAKER



Single speaker with excellent stereo imaging for use in small areas where having two speakers is impractical.

- Integrated Woofer/ Baffle assembly
- Mica-filled Polypropylene speaker with Dual voice coils
- Butyl Rubber Cone Surround
- Stereo Imaging Tweeter Array
- Dual 1" UltraSilk Domes With Fluid-cooling
- Weatherproof

●	5"	100W	OS5.3SIB	39812540
○	5"	100W	OS5.3SIW	39812541
●	6"	125W	OS6.3B	39812545
○	6"	125W	OS6.3W	39812546

5" OUTDOOR SPEAKERS



It features dual 135mm Injection molded TCC polypropylene woofers which offer extreme rigidity to reduce breakup and also lower distortion. The 25mm Teteron tweeter is fluid cooled and delivers ultra wide dispersion producing clear and precise high frequencies.

- Impedance: 4Ω
- Recommended Amplifier Power: 10W to 150W
- Frequency Response: 65Hz-21kHz ±3dB
- Sensitivity: 89dB with 2.83V pink noise input, measured at 1m on axis
- Frame Dimensions: 8-1/4" x 14-1/2"
- Hole Cutout Dimensions: 7-1/8' x 13-1/4'
- Depth Behind Wall: 3-1/2" (assumes 1/2' drywall)
- Sold as a pair

●	OS5.3B	39812542
○	OS5.3W	39812543

7" 2-WAY OUTDOOR SPEAKERS



The Niles OS7.3 outdoor speaker range has been designed to provide value for money whilst maintaining the build and sound quality Niles is renowned for.

- 7" Mica-filled Polypropylene bass cone
- 1" UltraSilk dome with fluid-cooling
- Impedance: 8Ω
- Recommended Amplifier Power: 5-100W
- Frequency Response: 65Hz~21kHz (±3dB)
- Sold as a pair

●	OS7.3B	39812547
○	OS7.3W	39812548

6.5" 2-WAY ROCK SPEAKER



Weather-proof rock speaker.

- 6-1/2" Injection-molded TCC (Talc, Carbon, And Ceramic) Filled Polypropylene bass cone
- 1" Tri-laminate Teteron Domes with Fluid-cooling and Ultra-wide Dispersion
- Impedance: 8Ω
- Recommended Amplifier Power: 10W to 150W
- Frequency Response: 60Hz-21kHz
- Sensitivity: 89dB For 2.83V Pink Noise
- Dimensions: 12"(H) x 14"(W) x 11"(D)

Granite	RS6GRANITE	39813002
Sandstone	RS6SANDSTONE	39813004

4" OUTDOOR SPEAKERS

studio acoustics



- Power Handling: 60 Watts
- Impedance: 8Ω
- 4" (100mm) Polypropylene cone woofer with butyl rubber surround
- 1/2" (13mm) Balance dome tweeter
- Frequency response: 100Hz-20kHz
- Sold as a pair

●	SA500B	39813361
○	SA500W	39813363

5.25" ON-WALL POWERED SPEAKERS

KRAMER



High end amplified speakers.

- Ideal for conference rooms, boardrooms, classrooms
- Colour: White
- Power: 2x 30W RMS
- Auto Power Off
- Separate Volume, Bass and Treble controls
- Sold as a pair

	TAVOR50BL	39814062

5" ACTIVE OUTDOOR SPEAKERS

Wintal Digital Living



- Weather resistant
- Class D amplifier
- 8Ω Impedance
- Auto-Standby mode
- Connect any audio source directly
- Frequency Response: 60Hz-18kHz
- Power Capacity: 40W RMW (90W max.)
- Dimensions: 240(H) x 180(W) x 150(D)mm
- Sold as a pair

●	CLASS5AB	39814110
○	CLASS5AW	39814115

6.5" ACTIVE OUTDOOR SPEAKERS

Wintal Digital Living



- Weather resistant
- Class D amplifier
- Connect any audio source directly
- Frequency Response: 20Hz-20kHz
- Power Capacity: 60W RMS (130W max.)
- Dimensions: 285(H) x 205(W) x 180(D)mm
- Sold as a pair
- 8Ω Impedance
- Auto-Standby mode

●	CLASS6AB	39814120
○	CLASS6AW	39814125

5.25" 2-WAY BOX SPEAKERS

cord



Cord Indoor / Outdoor surface mount speakers.

- Power: 80W RMS
- Frequency Response: 50Hz-20kHz
- Impedance: 8Ω
- Colour: Black
- Sold as a pair

	SMFIVE	39814220

5" HALF MOON OUTDOOR SPEAKERS

Wintal Digital Living



5.25" 2-way high performance cabinet speakers.

- 5.25" main driver
- 1" dome tweeter
- Sensitivity: 85 ± 3dB
- Rated power: 30 Watts RMS
- Sold as a pair

	HM5B	39814260

5" STUDIO SERIES OUTDOOR SPEAKERS

Wintal Digital Living



Weather resistant enclosure with metal grill for indoor or outdoor use.

- Universal 180° swivel bracket
- 4mm Heavy-duty Gold plated terminal posts
- Woofer: 5" Polypropylene cone
- Tweeter: 2" Dome
- Frequency Response: 50 ~ 22kHz
- Power Capacity: 35W RMS / 80W max.
- Sold as a pair

●	STUDIO5B	39814280
○	STUDIO5W	39814281

6" STUDIO SERIES OUTDOOR SPEAKERS

Wintal Digital Living



Weather resistant die-cast enclosure with metal grille for indoor or outdoor use.

- Power: 50W RMS / 100W Max.
- Frequency Response: 55Hz ~ 20kHz
- Universal 180° swivel bracket
- 4mm Heavy-duty Gold plated terminal posts
- Woofer: 6" Polypropylene cone
- Tweeter: 1" Dome
- Sold as a pair

●	STUDIO6B	39814289
○	STUDIO6W	39814288

4" 30W 2-WAY HIGH PERFORMANCE OUTDOOR SPEAKERS

YAMAHA



High performance outdoor speakers with outstanding sound quality and weatherproofing. The simple design allows them to be installed in many types of locations.

- 2-way bass reflex design
- Powerful woofer delivers accurate mid/low frequency response
- Sensitivity: 85dB (2.83V, 1m)
- Impedance: 8Ω
- Balanced dome tweeter ensures clear high frequency response
- Frequency Response: 100Hz-20kHz
- Nominal Input Power: 30W
- Sold as a pair

●	NSAW194B	39815390
○	NSAW194W	39815392

6.5" 50W 2-WAY HIGH PERFORMANCE OUTDOOR SPEAKERS

YAMAHA



Yamaha's advanced speaker design combines superior sound quality with excellent weatherproofing.

- Excellent audio performance, weatherproof cabinets that are drip, water and UV resistant
- Sold as a pair
- Frequency Response: 80Hz-20kHz
- Nominal Input Power: 50W
- Sensitivity: 87dB (2.83V, 1m)

●	NSAW294B	39815394
○	NSAW294W	39815396

40W 5.25" WATERPROOF SPEAKERS

YAMAHA



The unique angled cabinet design of these all-weather speakers allows them to seamlessly blend with a wide array of external and interior decors.

- 2-way suspension design
- Waveguide and front baffle for wide sound dispersion
- Flexible installation options with supplied mounting brackets
- Weather resistant 5-way binding post terminals
- Fluid-cooled, coated soft dome tweeter for clear high frequency sound
- Powder-coated aluminium speaker grilles
- Supplied rubber feet for desktop/bookshelf placement
- Sold as a pair

●	NSAW392B	39815398
○	NSAW392W	39815400

6.5" 50W WATERPROOF SPEAKERS

YAMAHA



The unique angled cabinet design of these all-weather speakers allows them to seamlessly blend with a wide array of external and interior decors.

- 2-way suspension design
- Fluid-cooled, coated soft dome tweeter for clear high frequency sound
- Waveguide and front baffle for wide sound dispersion
- Weather resistant 5-way binding post terminals
- Powder-coated aluminium speaker grilles
- Supplied rubber feet for desktop/bookshelf placement
- Sold as a pair

●	NSAW592B	39815401
○	NSAW592W	39815402

8" 60W OUTDOOR SPEAKERS

YAMAHA



Outdoor speaker systems that combine quality and durability, and provide a wide variety of installation options.

- 2-way acoustic suspension design
- High-grade weatherproof cabinets with special processing for drip, water and UV resistance
- Powder-coated aluminium speaker grilles
- Supplied rubber feet for desktop/bookshelf placement
- Sold as a pair

●	NSAW992B	39815406
○	NSAW992W	39815408

INDOOR/OUTDOOR SPEAKERS

EARTHQUAKE SOUND
Sound That Will Move You.



Earthquake's AWS indoor/outdoor speakers combine performance, reliability and aesthetics in one package.

- All rust proof aluminium screws, brackets & grilles
- Two mounting options: bookshelf or bracket
- Sensitivity: ≥90dB
- 5.25" & 6.5" Speakers are sold as pairs, 8" are sold individually

●	5.25"	120W	Pair	AWS502B	39816065
○	5.25"	120W	Pair	AWS502W	39816067
●	6.5"	150W	Pair	AWS602B	39816070
○	6.5"	150W	Pair	AWS602W	39816071
●	8"	200W	Each	AWS802B	39816076
○	8"	200W	Each	AWS802W	39816075

5" 2-WAY WEATHERPROOF MONITORS

B&W Bowers & Wilkins



The AM-1 Architectural Monitor offers a unique combination of high-quality sound and supreme flexibility.

- Articulate, exciting and powerful all-weather monitors
- Rear-mounted auxiliary bass radiator (ABR)
- AM-1 has been carefully designed to be easy to install and very flexible
- Sold as a pair

●	AM1BLACK	39817120
○	AM1WHITE	39817122

5.25" INDOOR/OUTDOOR SPEAKERS

studio acoustics



- Power Handling: 120 Watts
- Impedance: 8Ω
- 5.25" Polypropylene cone woofer with butyl rubber surround
- 1/2" Balance dome tweeter
- Frequency Response: 100Hz~20kHz
- Dimension: 250(H) x 235(W) x 127(D)mm
- Sold as a pair

	SA850W	39817195

5" INDOOR/OUTDOOR SPEAKERS

studio acoustics



5" 2-way Indoor/ Outdoor Speaker System Pearl White.

- Power Handling: 75 Watts
- ABS ported enclosure with heavy-duty binding post terminals, sold in pairs
- 5" (127mm) Polypropylene cone with butyl rubber surround
- 1/2" (13mm) Black Mylar Diaphragm tweeter
- Crossover Network: 12dB/Octave Integrated crossover network
- Impedance 8Ω, Frequency Response: 60Hz-20kHz

	SAC860	39817215

5.25" 2-WAY INDOOR/OUTDOOR SPEAKERS

Jamo

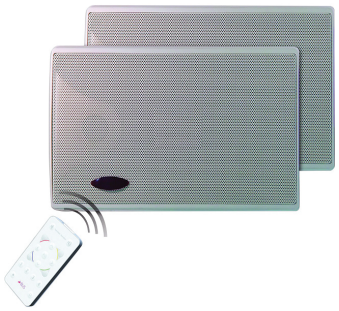


- Aluminium Grille
- Impedance: 8Ω
- System Type: 2-way bass reflex
- Frequency Range: 64Hz-20kHz
- Tweeter: 25mm (1")
- Woofer: 133mm (5¼")
- Available in: White & Black
- Sold as a pair

○	3A2W	39819665
●	3A2B	39819667

5.25" 2-WAY ACTIVE ABUS IN/OUTDOOR SPEAKERS

Forté ABUS



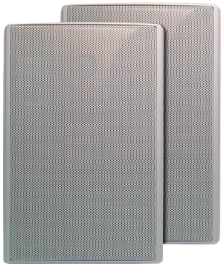
Active indoor/outdoor on-wall speakers.

- 5.25" 2-way on-wall speakers
- 50 Watt
- 65-20kHz response
- Built-in IR receiver with Status indicator
- Learning remote control with wall cradle
- Mute indicator
- Sold as a pair

	ABDW5	39894580

5.25" 2-WAY PASSIVE ABUS BOX SPEAKERS

Forté ABUS



- 5.25" 2-way
- 5-50 Watts power rating
- 65Hz-20kHz response
- Weather and UV resistant
- Standard U bracket for mounting
- Sold as a pair

	ABPW5	39894584

WIRELESS SPEAKERS

AIRPLAY & DLNA SPEAKER SYSTEM



Iconic in shape, elegant in appearance and gorgeous in sound, the BeoPlay A9 is a powerful one-point music system that streams via AirPlay® or DLNA.

- Wireless streaming via AirPlay® or DLNA
- Spotify® Connect for easy access to millions of songs
- 3-way loudspeaker with individual digital amplifiers for each speaker driver and a total output power of 480 Watts
- Adaptive Bass Linearization
- Built-in room adaptation optimises the acoustic performance of BeoPlay A9 according to its placement in the room: On the wall, in a corner, or freestanding
- Customizable with a choice of different fabric colours and wooden legs

○		BEOA9WH	39814541
●		BEOA9BLK	39814542
●	Spare cover/grille	BEOA9CRD	39814543
○	Spare cover/grille	BEOA9CWH	39814544

PORTABLE BLUETOOTH SOUNDBOX XS SPEAKER



Crystal-clear sound from a compact speaker.

- Capacitive Touch Sensitive control buttons
- 2x 5W drivers and the passive radiator
- 8hrs playtime
- Bluetooth 4.0 or Aux-in input
- Dimensions: 132(W) x 72(H) x 69(D)mm

●	DS1003BLK	39814715
●	DS1003BLU	39814717
○	DS1003WHT	39814716
●	DS1003PNK	39814718

PORTABLE BLUETOOTH SOUNDBOX SPEAKER



Superior and powerful sound quality.

- Wireless and portable
- 10hrs playtime
- Bluetooth 4.0, Aux-in, or Micro SD input
- Dimensions: 168(W) x 74(H) x 69(D)mm

●	DS1681BLK	39814700
○	DS1681WHT	39814701
●	DS1681BLU	39814702
●	DS1681RED	39814703

32W PORTABLE BLUETOOTH SPEAKER



Crisp stereo sound.

- Strong 20W driver, 12W Subwoofer & 2 passive radiators
- Bluetooth 4.0, Aux-in, or Micro SD input
- 10hrs playtime
- Dimensions: 300(W) x 67(D) x 132(H)mm

	DS1685BLK	39814710

SOUNDBOX COLOUR SPEAKER



- Ease of use with four simple buttons
- Sleek design with portability in mind
- Dual playing modes: Bluetooth or Aux-in
- Amazing performance with dual 6W drivers
- 12hrs playtime with rechargeable 2,200mAh

●	DS1771BLK	39814750
●	DS1771BLU	39814752
●	DS1771GRN	39814754
●	DS1771WHT	39814756

SOUNDBOX PRO BLUETOOTH SPEAKER



Bring colour to your music! With 7 colours and 4 illumination patterns, you can enjoy your music, your way!

- Beat-driven light show
- Active Extra-Bass with a push of a button
- MicroSD slot and Aux-in input
- Up to 12hr battery life
- 2x full range drivers & dual passive radiators for a big, clear sound

●	WB10BLK	39814760
●	WB10BLU	39814762

20W PORTABLE BLUETOOTH TRAVELLER SPEAKER



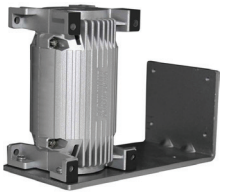
The perfect compact portable speaker for all adventures in the great outdoors.

- IPX6 Waterproof, Shockproof & Dustproof
- Five light modes
- Bluetooth 4.0, Aux-in, or Micro SD input
- 12hrs playtime
- Premium sound quality
- Dimensions: 168(W) x 69(H) x 74(D)mm

●	WB60BLK	39814705
●	WB60GRN	39814707

SPEAKER ACCESSORIES

TACTILE TRANSDUCER WITH BRACKET

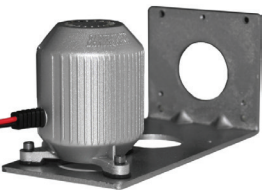


The Q10B is an awe-inspiring sub harmonics unit designed for special-effects enhancement. One Q10B bass shaker can easily replace three, four, or even five typical shakers.

- Universal mounts
- Platform mounting, Chair mounting, 2x4 mounting
- Rugged cast aluminium heat sink
- Flat wire aluminium voice coil
- 2" excursion @ 22Hz
- Frequency Response: 5-40Hz

	Q10B	39155200

TACTILE TRANSDUCER MINIQUAKE

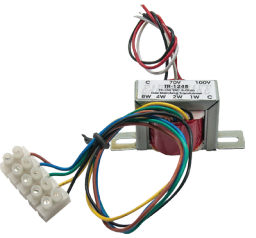


You can now add super-sensitive low frequency effects without using costly hydraulics or a bulky and expensive subwoofer. The Quake Tactile Transducers virtually eliminate low-end resonation into adjoining areas.

- Universal mounts, Including chair and platform mounting
- Flat wire aluminium voice coil
- Rugged cast aluminium heat sink
- Transducer brings rumble effects to your chair or couch
- 1.5" excursion @ 22Hz
- Frequency Response: 15-50Hz

	MQB1	39155210

70/100V AC 8Ω TRANSFORMER



- 1, 2, 4 and 8 Watts primary taps with 8Ω impedance
- Less than 0.6dB insertion loss
- Frequency Range (1dB): 70Hz-20kHz

	TR1248	39155215

NOISE BARRIER ENCLOSURE



- Suits in-ceiling speakers
- Improves sound quality
- Provides moisture barrier
- Reduces noise through floors
- Diffuses back-wave distortion

	DYNABOX	39810250

ENCLOSURE SYSTEM KIT

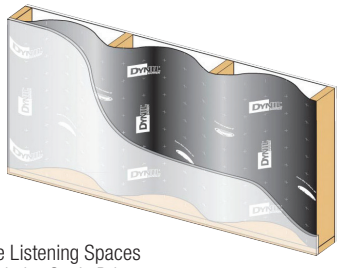


Get better speaker sound quality.

- Damp, diffuse and decouple in-wall speakers
- Reduce unwanted noise and vibration in adjacent rooms
- Includes Dynamat, Back Wave Foam and SoundSnake

ENWALL 39810254

DENSE ACOUSTIC SOUND BARRIER



Isolate Listening Spaces & Maximize Sonic Privacy.

- Dynil is ideal for the home theatre, office, nursery or home recording studio
- Reduce sound transmission through walls, floors and ceilings

DYNIL 39810258

10.4SQM SOUND BARRIER



DynaPad is designed to provide an under carpet sound barrier.

- Carpet underlay replacement
- Four layer composite sound barrier
- 1x Roll: 137x762 (10.4sqm)
- 12.7mm thick

DYNAPAD 39810262

ROUGH IN KIT RK-EC6



It offers extreme versatility for all installations.

- Easy for Sheetrock installers to spot
- Aluminium dog-ears for more installation flexibility
- Meets and exceeds all building codes

RK-EC6 39816019

ROUGH IN KIT FOR ECS8 SPEAKER

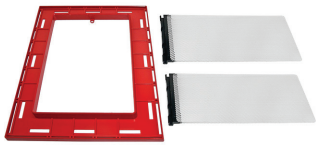


Extremely quick install.

- Easy for sheetrock installers to spot
- Aluminium dog-ears for more installation flexibility
- Product specific for ECS8 speakers
- Designed to work with Turn-N-Lock installation mechanisms
- Meets and exceeds all building codes

RKEC8 39816158

6" ROUGH-IN-KIT FOR EWS600



These rough-in kits are designed to expedite installations as well as deliver higher overall performance and customer satisfaction.

- Easy for Sheetrock installers to spot
- Aluminium dog ears for extreme installation flexibility
- Outer install plate dimensions: 373.1x285.75mm

RK6IW 39816160

PAIR BACK BOX FOR EWS600



Suits EWS600 6" in-wall speakers and the RK6IW Rough-in kit.

- Dimensions: 343x253x89mm

BB6IW 39816162

STUDIO MONITOR / POWERED

8" 2-WAY 480W DJ MONITOR



- Built-in 480 Watts amplifier
- 8" woofer with 1.5-in voice coil
- Clip alert red LED indicator
- Front bass clipping blue LED indicator

DJ8M 39816402

TOYS AND GADGETS

OBDII HEADS UP DISPLAY



3" Multi-colour LED display projects the information onto your windscreen.

- Speed, water temp, battery voltage, fuel consumption, low voltage alarm, hight temp alarm & speed alarm

LA9027 47054065

LAND MONSTER RACING CAR 2.4GHZ



- Up to 15km/h
- Suspension
- Over-sized tyres

GT4204 53805435

HEXAPOD ROBOT TOBBIE



Tobbie is the new 6-legged robot that you can build. He can walk and spin in any direction, and will beep and flash his eyes while moving around.

- Build from scratch - D.I.Y. assembly
- 2 Mode function: Follow Me mode & Explore mode
- Six legs for stable walking

KJ9031 53805439

PUPPY GO AI SMART DOG ROBOT



- Voice command interaction
- Touch sensor interaction
- Can be used as Bluetooth speaker
- Program set actions using App
- USB rechargeable 3.7V 500mAh Li-Po battery
- Playing Time: about 45mins

KR9234 53805445

AV ACCESSORIES

MULTIROOM AV DISTRIBUTION 66
- MULTIROOM AUDIO 66
- AUDIO ACCESS 70
- AV DISTRIBUTION 70
- AV DISTRIBUTION ACCESSORIES 73

HEADPHONES 73
- WIRELESS HEADPHONES 73
- WIRED HEADPHONES 74
- WIRED EARPHONES 76
- HEADPHONE SPARES 77
- PILLOW SPEAKERS 78
- HEADPHONE AMPS 78

TURNTABLE ACCESS. 78
- BELTS 78
- PRE-AMPS 78
- STYLI 79
- CARTRIDGES 83
- RECORD CLEANERS 84
- STYLUS CLEANERS 84

REMOTE CONTROLS 85
- SPARE REMOTES 85
- UNIVERSAL REMOTES 85
- COMMERCIAL REMOTES 85
- IP TO IR / RS232 CONVERTERS 86
- IR REMOTE EXTENDERS 86

WIRELESS SENDERS 89
- AV SENDERS 89
- AUDIO SENDERS 89
- PRESENTATION SYSTEM 90

AV SELECTORS 90
- ANALOGUE AV SELECTORS 90
- DIGITAL AV SELECTORS 91
- MATRIX SWITCHES 91

AV CONVERTERS 93

AUDIO EXTRACTOR 96

VIDEO CAPTURE 97

MODULATORS 97
- ANALOGUE MODULATORS 97
- SD DIGITAL MODULATORS 97
- HD DIGITAL MODULATORS 98

SPEAKERS REPLACEMENT 99
- GENERAL PURPOSE 99
- TWEETERS 99
- MIDBASS & WOOFERS 100
- SUBWOOFERS 100

SPEAKER SWITCH BOXES 100

SPEAKER DISTRIBUTION 101

SPEAKER ATTENUATORS 101

EXTENDERS 102
- AUDIO 102
- COMPOSITE AV 103
- COMPONENT 103
- VGA 103
- HDMI 103
- CATV 105

SPEAKER ACCESSORIES 106
- GRILLES 106
- ACCESSORIES 106

STANDS & BRACKETS 107
- TV MOUNTS 107
- PROJECTOR MOUNTS 123
- SPEAKER MOUNTS 125
- ACCESSORIES & CABLE MANAGEMENT 128
- CONSUMER IPAD / TABLET MOUNTS 129
- COMMERCIAL IPAD / TABLET MOUNT 131

TAPE BELTS 131

PHONE & TABLET ACCESSORIES 132
- SCREEN PROTECTORS 132
- CASES & COVERS & STYLUS 132
- LEADS 133
- STANDS & DOCKS 133
- PERIPHERALS 133

AV ACCESSORIES

NEW PRODUCTS

4-WAY 18GBPS HDMI SWITCHER

Pro.2



Easily switch between four different HDMI sources with the push of a button or using the included remote.

- HDMI 2.0 version (Support 4K@60Hz YUV4:4:4)
- Up to 18Gbps bandwidth
- Extract 2ch analogue or 5.1ch digital audio
- Analogue and digital audio inputs
- HDR10, ARC, EDID, HDCP2.2

HDMI4S18G 64510380

BLUEHUB BLUETOOTH RECEIVER

studio acoustics



Bluetooth audio receiver with AUX input 2x 50W speaker outputs.

- Easy connect terminals

SABH1 01458228

HEOS SERIES 2 SPEAKER

HEOS by DENON



Compact speaker delivering big HEOS sound.

- High resolution audio support
- Bluetooth integrated
- Versatile horizontal or vertical placement
- Use two for a stereo pair
- Dual custom full range drivers
- Two dedicated Class D amplifiers

●	HEOS3B	39894766
○	HEOS3W	39894770

18GBPS 2-WAY HDMI SPLITTER



Full 18GBPS HDMI splitter with manual EDID control.

- EDID control allows user to split a true 4K source (i.e. Foxtel 4K) to 2x 4K displays or to 1x 4K display and a 1080P display or modulator

AC1781 64510012

HDMI DONGLE WIRELESS EXTENDER

ATEN



- Wireless extend HDMI signals up to 10m, up to 7m with superior image quality
- Uncompressed full HD 1080p video transmission
- Low latency < 1ms
- Up to 4 Wireless HDMI Transmitters can be paired to one Receiver

VE819 64600275

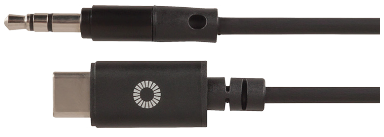
USB-C TO 3.5MM TRRS AUDIO LEAD



- Built-in Realtek DAC
- Lead Input Type: USB Type-C
- Lead Output Type: 3.5mm TRRS Stereo
- Length of Lead: 80mm

WC7930 30251980

USB-C TO 3.5MM AUDIO LEAD - 1M



- USB: 3.0 Type-C
- Audio Plug: 3.5mm, 3 Pole
- Chipset: Realtek DAC
- Length: 1m
- Frequency: 192KHz, 24-bit

WC7932 30251982

USB-C TO HDMI LEAD - 1M



- 4K @ 60Hz
- HDMI V2.0
- USB 3.1 Type-C
- Length 1m

WC7950 30251985

MULTI AV TO HDMI CONVERTER

Krysma



- Convert multiple analogue & digital inputs to a HDMI output
- Features VGA & Audio, Mini DisplayPort, USB Type-C and HDMI inputs
- USB (Type-A & Type-C) charging and Ethernet pass-through ports

4PAVS 64550160

70M HDBASET EXTENDER KIT

BLUSTREAM



HDMI 2.0 4K60Hz 4:4:4 (18Gbps) HDCP2.2 HDBaseT™ extender set.

- Advanced HDBaseT™ technology
- Advanced Colour Space Conversion (CSC) supports HDMI2.0 18Gbps
- Supports 4K 60Hz 4:4:4 UHD video up to 40m
- Supports bi-directional IR & RS-232 pass through
- Advanced EDID management

HEX70CS-KIT 07351288

HDMI VGA EXTENDER WALL PLATE



- Extends HDMI or VGA signals over a single CAT5e/ 6/6a or ATEN 2L-2910 CAT6 cable
- Superior video quality:
  - HDMI: 4K at distance up to 100m via a CAT6a or ATEN 2L-2910 CAT6 cable
  - VGA: 1600x1200 and 1920x1200 up to 100m via a CAT6a or ATEN 2L-2910 CAT6 cable
- Supports HDBaseT™ Long Reach Mode – up to 150m via a single CAT5e/6 cable at resolutions up to 1080p
- Supports Auto Switch – automatically switches to a newly plugged-in source

VE2812EUT 07350890

SUPER SLIM FULL MOTION MOUNT

SANUS



Max. Weight		54kg
TV Size		51 ~ 70"
VESA standard	min.	200x100mm
	max.	700x400mm
Tilt		0 to -10°
Depth		31.2 ~ 530mm

VLF320 43130476

22"-50" LOW PROFILE WALL MOUNT

SANUS SIMPLYSAFE



Easy to install all wall TV mount.

Max. Weight		36kg
TV Size		22 ~ 50"
VESA standard	min.	75x75mm
	max.	400x400mm
Tilt/Turn		Fixed
Depth		28.4mm

VML44 43130491

17-32" MONITOR DOUBLE ARM

Xergo



(Monitors not included)

A dual monitor arm that features smooth and accurate height adjustment.

- Screen Size: 17-32"
- Min Vesa: 75x75mm
- Max Vesa: 100x100mm
- 360° screen rotation
- Spring assisted mechanism
- Cable management
- Two mounting options

EMA14C24 43130930

PFFE7131 MOTORISED LIFT TROLLEY

vogel's



Professional motorised lift trolley.

- Max. TV Size: 90"
- Max. Vesa: 600x400mm
- Max. Weight: 120kg
- Cable remote control

TE3164B 43130448

BLACK SINGLE POLE TV TROLLEY

vogel's



TV trolley that allows displays to be moved to different locations.

- Pole Length: 2m
- Vesa Mount: 400x400
- Max. Weight: 80kg

T2084B 43130457

ECHO DOT 4.5" MOUNT KIT

VANGUARD DYNAMICS



Echo Dot not included.

The ultimate custom integration voice control smart home

- Includes a choice of either a 4.5" square or round magnetic trim cover
- Paintable trim covers
- Spring clips securely hold voice dock onto drywall
- Rubber bumpers hold Echo Dot securely in place

VOICEDOCK 43136462

MULTIROOM AV DISTRIBUTION

MULTIROOM AUDIO

CLASS D POWER AMPLIFIER

McLELLAND



Perfect for in-wall/in-ceiling speakers, the AMP-D20 can be mounted on/in-walls using the supplied mounting ears.

- Operates in Stereo or Bridged modes (stereo or mono)
- 3.5mm Stereo input
- Quick disconnect screw-terminating plugs for easy installation (power + speaker output)
- Provides 20W max. of audio power to 4Ω (stereo) speakers
- 40W max. in bridge mode @ 4Ω

AMP-D20E 01458225

CLASS D BLUETOOTH AMPLIFIER

McLELLAND



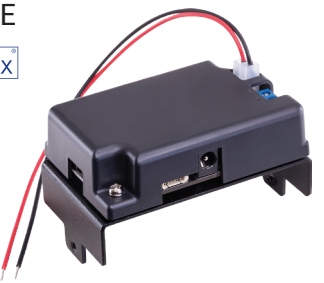
Bluetooth receiver for wireless high fidelity audio from portable devices.

- Audio inputs: 2x RCA & 1x 3.5 Mini Jack
- Bluetooth connection
- Internal Microphone
- RS232 Controller

AMP-D20BR 01458227

8W BLUETOOTH AMPLIFIER MODULE

resi-linx



Up to 10m range.

- PIN code changeable via PC for secure pairing
- Rename via PC to create more zones
- 8W RMS per channel
- Class D amplifier

CLIBT510 01458229

3-SOURCE AMPLIFIER WITH BUILT IN DAC



3-source Audio Power Amplifier with built-in DAC.

- Output power: 15W RMS per channel
- Amplifier Type: Stereo D-Class
- Digital Input Type: Coaxial & Optical
- Minimum Load Resistance: 4Ω (speaker) 16Ω (earphone)
- 32-192kHz sample rate
- Includes Speaker Protection circuit

PRO1299 01458292

4-ZONE STEREO POWER AMPLIFIER



- 4-zone speaker Amp
- 15W per CH @ 4Ω
- Analogue stereo input
- Stereo loop-out for connecting multiple units
- Individual volume controls for each zone
- Minimum Load Resistance: 4Ω (speaker), 16Ω (earphone)
- Headphone output for monitoring (with volume control)

PRO1300 01458295

4-ZONE AUDIO POWER AMPLIFIER



The PRO1323 is a quick and easy way of adding audio in up to four rooms.

- 4-zone speaker amplifier
- 15W per channel @ 4Ω
- Digital (Optical / Coaxial selectable), RCA Stereo, 3.5mm Stereo & Dynamic Microphone inputs
- Stereo loop-out for connecting multiple units
- Individual volume controls for each zone
- Headphone output for monitoring (with volume control)

PRO1323 01458298

STEREO AUDIO POWER AMPLIFIER



Use the PRO1328 to power in-ceiling speakers with the audio output from any source device such as computers, DVD players, TVs and even Microphones.

- Small size and compact
- Also suitable for wall-mounting
- Works with 4Ω, 6Ω and 8Ω speakers
- Speaker screw terminals handle wire sizes from 24 to 12 gauge
- 15W RMS per channel @ 4Ω

PRO1328 01458301

AUDIO AMPLIFIER WALL PLATE



- Decora-style wall plate design
- Works with 4Ω, 6Ω and 8Ω speakers
- 2x speaker screw terminals (24 to 12AWG)
- 15W RMS per channel @ 4Ω

PRO1328WP 01458303

MIC AND STEREO POWER AMPLIFIER



Speaker audio power amplifier with 15W output per channel.

- Speaker volume control
- Class D power amplifier
- Speaker protection circuit
- Screw terminals handle wire sizes from 24 to 12 gauge

PRO1328K 01458307

BLUETOOTH AUDIO POWER AMP



Use the PRO1351 to power in-ceiling speakers with the audio from any Bluetooth enabled device.

- Bluetooth wireless audio receiver built-in
- Switch between Bluetooth or 3.5mm (line) inputs
- Compact design
- Volume control
- Suitable for 4Ω, 6Ω and 8Ω speakers
- 15W RMS per channel @ 4Ω
- Includes Speaker Protection circuit

PRO1351 01458312

BLUETOOTH WALL PLATE AMP



Use the PRO1351 to power in-ceiling speakers with the audio from any Bluetooth enabled device.

- Bluetooth wireless audio receiver built-in
- Switch between Bluetooth or 3.5mm (line) inputs
- Compact design
- Volume control
- Suitable for 4Ω, 6Ω and 8Ω speakers
- 15W RMS per channel @ 4Ω
- Includes Speaker Protection circuit

PRO1351WP 01458314

2X 15W PORTABLE AMPLIFIER



This amplifier gives you 15W RMS into two 4Ω speaker outputs, powered either from the mains adaptor supplied, or just 4x "AA" batteries (per speaker)!

- Compact and portable
- Speaker de-thump circuit
- Frequency Response: 20Hz-20kHz
- Intelligent short-circuit / over-temp protection
- Suits 4 and 8Ω speakers for versatility
- Accepts standard audio line output from any sound system

AA0504 01458316

4-SOURCE 4-ZONE AMPLIFIER

AMC



Multi Zone and multi source amplifier.

- Number of Zones: 4
- Number of Sources: 4
- Output Power: 30W RMS per stereo zone
- Requires: 1x XK1 Key pad per zone
- 3 Year Warranty

XOIB 01610770

6-ZONE 8-SOURCE MULTIROOM

AMC



An Amplifier designed and built with the notion of reliability and powerful distribution of audio throughout its high efficiency digital technology.

- 6x Zones from 8x Sources (4x Global & 4x Remote Local)
- Speaker Outputs: 2x 15W RMS (per Zone)
- Only requires RJ45 & Speaker cable for installation
- 2-way Digital Data Communication System with Doorbell and telephone mute system (PDM1)
- Designed with cascade feature for keypad XK1 (required and extra)
- Volume Control & Tone Control for each Zone
- 4x 38KHz and 4x 56KHz IR outputs

X86I 01610775

6-ZONE 12CH POWER AMPLIFIER

McLELLAND



- Local source or BUS IN each zone
- IR/RS232 control each zone
- 12V DC mute trigger in
- 12V DC status out
- Front panel zone on and zone overload LEDs each zone
- Rack mountable
- 110/220V switchable

CA1250 01618947

2X 35W DIGITAL AMPLIFIER WITH IR

McLELLAND



2x 35W output power.

- Coaxial and Optical digital inputs
- RCA Line input
- Subwoofer output
- IR learning function for volume control
- Detachable screw terminal for speaker output
- Easy mounting

AMP235 01618953

150W 2CH POWER AMPLIFIER

McLELLAND



The POWERPRO300 stereo power amplifier represents the state of art design. Featuring dual inputs with signal sensing, POWERPRO300 amplifier can be configured to turn on automatically when music is sensed on the inputs. Input-1 will override Input-2 whenever the signal is present, this makes the POWERPRO300 the perfect amplifier for a zone amplifier for multi-room distribution system. Local sources take priority at any time.

- 150 Watts RMS per channel power amplifier with complete custom installer feature set
- Bridgeable outputs for 470 Watts RMS total output power
- 2 pairs of Stereo RCA input: 1 pair of primary, 1 pair of priority
- 1 pair of high-level speaker input
- 1 pair of Stereo RCA output
- Automatic source switching with adjustable delay timer (3-15 seconds)
- Two sets of speaker outputs selectable from the front panel

POWERPRO300 01618955

6-ZONE DISTRIBUTION AMPLIFIER

McLELLAND



6-Zone distribution amplifier with wi-fi hotspot.

- Output power: 2X 50W @ 4Ω per zone
- Stereo/Bridge mono output
- Built-in IR receiver and IR remote controller

MAP1200WD 01618962

KEYPAD WITH IR

AMC



Keypad designed to work with the XOi, X86i, XG, and XAi multi channel amplifiers.

- Designed to control volume and audio sources per zone
- 3 coloured faceplates are included: White, Black and Beige

XK1 39894213

IEAST SOUNDSTREAM PRO

iEAST



Wireless multi-room Hi-Fi music streamer.

- Stream from local library on phone, tablet, USB, NAS, AUX
- Supports Spotify®, Pandora®, iHeart Radio, Tidal and more
- Free App available for iOS and Android
- WPS for simple Wi-Fi connection
- Requires 1x SoundStream Pro unit per zone
- Wake up to your music
- Preset power Off

M30 39894255

MUSIC STREAMER AMPLIFIER 2X80W

iEAST



Add speakers for a powerful and affordable multiroom zone.

- Hi Definition Streaming
- Pure Direct function
- Full App control
- 2x 80W @ 4Ω
- Stream Spotify®, TuneIn, iTunes, Qobuz, vTuner
- Connect up to 32-zones

AM160 39894260

50W COMPACT BLUETOOTH AMP

resi-linx



- 50 Watts RMS per channel
- Bluetooth connectivity
- Only requires power and speakers
- Control your music directly from your Bluetooth enabled device

RLBT600 39894295

BLUEWAVE 20W RMS AMPLIFIER

resi-linx



Retro fit to any in-ceiling speaker.

- 20 Watts RMS Amplifier
- Built-in Bluetooth
- Up to 20m range
- Easy to install
- Connects to any speaker

BTA1000 39894320

WI-FI AUDIO MODULE RECEIVER



A versatile wireless streamer that can accept audio from a variety of sources.

- Compact, stackable design
- Free iOS and Android app for ultimate control
- Magnetic power sharing that can power up to 3 modules
- One-to-one and one-to-multiroom operations
- Also acts as a Wi-Fi hotspot, eliminating dead-spots

AR300	39894345

BLUETOOTH TRANSMITTER



Enhance your home entertainment centre with wireless sound.

- Long-range transmitter
- 50m Transmission
- TOSLINK connector
- 3.5m Aux input

VGTX	39894355

BLUETOOTH MUSIC RECEIVER 20M



Stream music wirelessly from your smartphone/ tablet to any stereo/stand-alone speaker via Bluetooth.

- Connect with your Bluetooth or NFC-enabled device, using the HA100 or NFC Tag
- Connects to any stereo supporting 3.5mm or RCA jacks
- Transmits up to 20m (66ft) away, within direct line of sight
- Bluetooth 4.1, compatible with all A2DP stereo Bluetooth devices

HA100	39894365

BLUETOOTH MUSIC TRANSCEIVER



Bluetooth receiver and transmitter in one!

- No App or driver needed
- Built-in rechargeable Li-Ion battery
- Multi-band equalizer configuration
- Voice prompt support

PRO1398	39894382

BLUETOOTH MUSIC RECEIVER



Lose the wires without compromising audio quality or having to upgrade your audio system!

- Incorporates the aptX® codec for exceptionally high CD quality wireless performance
- Dual simultaneous digital & analogue output
- S/PDIF Optical output
- 3.5mm analogue stereo output
- Low 70ms latency
- Low SNR: >100dB
- High level output: 2V RMS

BMR3X	39894385

WIRELESS AUDIO TRANSCEIVER KIT



Wireless audio transceiver that allows you to play audio material from your audio source player to almost any powered speaker or amplifier wirelessly.

- Multi-Channel: 20-channels to choose from
- Point-to-point and point-to-mass pairing
- Stereo audio input and output (3.5mm stereo outlet)
- USB connection supports power and audio source

Rx only	SWAT2.4R	39894398

VOLUME CONTROL MODULES



Volume Control Modules (wall mounted) incorporates an individual amplifier for each speaker. VCM's with IR, also send control commands to source components and in most cases volume level can also be controlled from anywhere in the room by remote. CAT5 cable is run from the hub to the modules and speaker cable to your speakers.

- Input CAT5 via RJ45
- Output Screw terminal up to 14 gauge
- Screw-less wall plate

Standard	Rotary	AB20	39894506
IR	Rotary	AB39	39894512
IR	Touch	AB43	39894516

SINGLE INPUT INTERFACE



Forte ABK50 Single input interface.

- Converts analogue to A-BUS output (RJ45)
- Enables standard receivers to connect via single CAT5 to structured wiring
- Power switching by automatic music sensing or voltage trigger from status input
- Surface mount

ABK50	39894528

LOCAL SOURCE BLUETOOTH MODULE



Linx Audio ABBT10 Local source Bluetooth module.

- Inputs: RJ45 Input from system
- In/Output: RJ45 Output to Amplified volume control or A-BUS/Direct Speaker
- Indicator: Blue LED Indicator
- Pairs to your iPad, iPhone, iPod touch or other Bluetooth enabled device
- Range up to 15m

ABBT10	39894530

SINGLE INPUT MULTI-ROOM HUB



These will power up by either music auto-sensing or voltage trigger from the status input.

- IR emitter outputs (3.5mm jack)
- Fully buffered A-BUS outputs (2 or 4)
- 2x RCA sockets audio input

1-in 2-out	AB61	39894542
1-in 4-out	AB62	39894546

4 ROOM HUB RJ45 WITH BRACKET



4 room hub with expansion ports.

- Drives from 1 to 4 A-BUS modules
- Input: Krone punch down, fully buffered
- Outputs: RJ-45 Phantom power for input interface
- Dimensions: Case Size: 162(W) x 10(H) x 64(D)mm

ABK4RJB	39894552

4-INPUT 4-ZONE SWITCHING HUB



- Drives 2 modules per zone
- Full remote control operation
- Any of the four sources can be selected in each individual zone at the same time
- 4x dedicated (ROUTED) IR emitter outputs
- 1x common emitter output
- Individual input level adjustments for each source
- Dimensions: Case size: 432(W) x 200(H) x 67(D)mm

	ABX88	39894556

HEOS 1 PORTABLE COMPACT SPEAKER



Compact wireless speaker for small areas.

- Metallic Grille - Water & Humidity resistant
- Can be stereo paired
- Dual drivers including a wide range mid-woofer & dome tweeter
- DSP (Digital Signal Processing) to deliver full range sound, with custom EQ
- Optional IPX4 rated Go Pack with Bluetooth

●	HEOS1B	39894744
○	HEOS1W	39894748

HEOS 7 ULTIMATE ROOM SPEAKER



The ultimate in wireless speaker performance.

- Two Custom tweeters and mid-woofers
- Large sub-woofer and two large radiators
- Five dedicated Class-D amplifiers
- Effortlessly fills large rooms with huge sound
- Free HEOS app for iOS and Android
- Available in Black or White

●	HEOS7B	39894780
○	HEOS7W	39894783

MUSICCAST WI-FI SPEAKER



A versatile speaker for any occasion.

- Music streaming services built-in
- MusicCast multi-room technology
- High-resolution audio
- Colour: Black or White
- Alexa voice control compatibility
- Can be used as surround speakers with an AV receiver or soundbar

●	MUSICCAST 20B	39896543
○	MUSICCAST 20W	39896547

STEREO MUSICCAST SPEAKER



Expect the unexpected with room-filling, dynamic sound.

- Music streaming services built-in
- MusicCast multi-room technology
- Alexa voice control compatibility
- High-resolution audio
- Ability to be used as surround speakers with an AV receiver or sound bar
- Stereo pairing (requires 2 units)
- Colour: Black or White

●	MUSICCAST 50B	39896552
○	MUSICCAST 50W	39896555

MUSICCAST STUDIO SPEAKERS



Inheriting all the precision of the classic NS-10M Studio Monitor.

- MusicCast
- AirPlay® compatible
- Wireless music streaming via Bluetooth
- Discrete analogue amplifier
- 192kHz/24-bit optical digital input
- Bluetooth output for convenient music streaming
- Sold as a pair

●	NXN500BL	39896565
○	NXN500WH	39896568

BLUETOOTH AUDIO ADAPTER



Transmit or receive wireless stereo audio.

- Turns speakers into a wireless Bluetooth speaker
- Turns audio devices into Bluetooth music sender
- Charging time: 2.5hrs
- Wireless range: 10m

	AA2104	43080038

REMOTE CONTROL KEYPAD

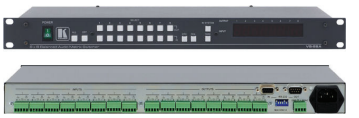


A-Bus remote.

- Learning capable
- Hand held or Wall cradle

	ABR43	64538242

8X8 AUDIO MATRIX SWITCHER



Kramer matrix balanced stereo audio switcher.

- 8x8 balanced audio
- Front panel, RS-232, RS-485 controlling
- Take button
- Memory locations

	VS88A	64538570

AUDIO ACCESS

BLUETOOTH ANTENNA EXT KIT



Increase reception range for a Bluetooth (2.4 GHz) receiver when installed to a 19" equipment rack or any other (shielded) enclosure.

- 7dBi Antenna
- Multifunctional Bracket (Rack-mount / Surface-mount)
- Pre-terminated SMA antenna cable: 1m
- Pre-terminated SMA antenna cable: 5m

	BAE100	00460320

AV DISTRIBUTION

VANCRYST VGA BOOSTER



The VGA booster extends the display distance without any signal loss to bring you a crystal clear video display at a longer distance.

- Long distance transmission up to 70m
- Adjustable video compensation
- Up to 1920x1200 (30m); 1280x1024 (70m)
- Supports wide screen formats
- Supports hot-plugging
- Plug and Play – no software installation required

	VB100	00760649

4-WAY VGA + PC AUDIO SPLITTER

Pro.2 Providing AV Solutions



- Video Bandwidth: >500MHz
- Supported Resolutions: VGA, SVGA, XGA, SXGA, UXGA, QXGA, WUXGA, WQXGA
- Gain and EQ Adjustments
- Input/Output Connector: HD-15 Female

PRO1296	00760650

2X4 VGA + AUDIO MATRIX

Pro.2 Providing AV Solutions



Perfect for bars, club houses, and function spaces; distribute two PC sources up to four different zones independently!

- 2x PC inputs with 'PC On' indicator
- Four outputs/zones each feature source selector switch with indication LED
- Boosts signals for transmission up to 65m for VGA and 100m for Audio
- 2x VGA inputs / 4x VGA outputs
- 2x Audio Inputs / 4x Audio outputs (3.5mm Stereo Jack)

PRO1338	00760652

4-WAY AV DISTRIBUTION AMP

Pro.2 Providing AV Solutions



This audio video distribution amplifier lets you split video and stereo audio output signals from a DVD, VCR, or other video sources without any signal loss.

- Send video and stereo audio signals to as many as four other TVs or VCRs
- Maintain picture quality when driving up to four TV monitors
- Make up to four copies of your favourite camcorder tapes simultaneously

PRO1047	00760656

ACTIVE TOSLINK SPLITTER

Pro.2 Providing AV Solutions



2-in/4-out TOSLINK Audio Switcher/Splitter.

- Supports digital audio signal (Coaxial/ Optical) input and 4 optical outputs
- Built-in audio amplifier ensures loss-less signal integrity
- Supports 2CH LPCM audio signal (sampling rate up to 192kHz)
- Supports Dolby and DTS audio signal
- Supports sampling rate from 32kHz-192kHz
- Suitable for home or professional audio distribution

PRO1359	30251890

AV DISTRIBUTION OVER CAT5

Pro.2 Providing AV Solutions



Distribute composite video and stereo audio plus IR signals using economical CAT5 cable.

- Designed to be surface mounted for in-wall composite video, and stereo audio with IR return
- The system can be expanded up to 4-zones with additional PRO1235DS/WP spare receivers

Wallplate receiver	PRO1235DSWP	39894085
	PRO1235D	39894086
Spare receiver	PRO1235DS	39894087

4-ZONE HDTV OVER CAT5 WITH IR RETURN

Pro.2 Providing AV Solutions



Four-zone Component AV distribution with IR return.

- Send HD video and audio signals up to 120m
- Transmit IR signals to remotely control AV devices
- Supports 480p to 1080p
- Analogue and digital (coax) audio

	PRO1247D	39894088
Spare receiver	PRO1247DS	39894089
Wallplate receiver	PRO1247DSWP	39894090

VGA + AUDIO OVER CAT5 BALUN

Pro.2 Providing AV Solutions



Distribute your VGA+Audio signals via single UTP CAT5/5e to up to four zones (8 outputs).

- Transmission distance up to 300m
- With the loop-out function on the receiver, it can be expanded to more than four zones

	PRO1270	39894094
Spare receiver	PRO1270S	39894096

1-IN 2-OUT SDI AMPLIFIER

DOSS®



Distributes 1 SDI input to 2 SDI outputs simultaneously.

- Work as a repeater to transmit up to 120m
- Support SDI Standard: SD-SDI, HD-SDI, 3D-SDI

SDI2SP	43151166

4-WAY SDI SPLITTER & REPEATER

DOSS®



Distributes 1 SDI input to 4 SDI outputs simultaneously.

- With Audio extraction (3.5mm stereo audio output)
- Single unit can transmit up to 120m
- Support SDI Standard : SD-SDI, HD-SDI, 3D-SDI

SDI4SP	43151176

H.264 HDMI ENCODER FOR IP TV

Pro.2 Providing AV Solutions



The ideal tool to convert your HDMI resource into IP sharing resource. Perfect for multimedia display walls, video conferences, IP TV projects etc.

- Supported protocols: UDP, HTTP, RTSP, RTMP, Onvif
- Remote management via web UI
- Supports up to 720p, 1080p@60Hz HD video input

HE01	43151280

8-INPUT HD IP STREAMING SERVER

ZyCast



- High density 8-input
- UDP/RTP unicast
- Dual mode MPEG-2
- Video bitrate control
- Individual stream control
- EAS functionality

HDIP8000	43151285

8-CHANNEL DVB-T TO IP ENCODER

ZyCast



Terrestrial Signal Distribution over IP.

- 8 Independent DVB-T inputs up to 32 Independent IP Output Streams
- Full parameter settings
- Professional programs mapping

CT2IP8032	43151290

1-IN 2-OUT HDMI SPLITTER

BLUSTREAM



4K HDMI splitter.

- Splits an HDMI source to 2 outputs without loss
- Extract audio from HDMI source via analogue and digital outputs
- Advanced EDID management
- LEDs for power-on and outputs indication
- Full 3D pass-through
- HDCP compliant

SP12AB	64510002

1-IN / 4 OUT HDMI SPLITTER

BLUSTREAM



4K HDMI splitter.

- Splits an HDMI source to 4 outputs without loss
- Extract audio from HDMI source via analogue and digital outputs
- Advanced EDID management
- LEDs for power-on and outputs indication
- Full 3D pass-through
- HDCP compliant

SP14V2	64510004

HDMI SPLITTERS

Pro.2



One input signal can be split to up to 16 HDMI devices.

- HDCP 1.2 protocol compliant
- With Deep Colour and x.v.Colour support
- Supports HD digital audio formats (L-PCM, Dolby TrueHD and DTS-HD Master Audio)
- Supports cable lengths of up to 15m (26AWG)
- Supports HDMI signal retiming
- Power supply (included)

2-way	HDMI2SP	64510010
4-way	HDMI4SP	64510020
8-way	HDMI8SPEDID	64510032
16-way	HDMI16SPEDID	64510042

18GBPS 2-WAY HDMI SPLITTER

Pro.2



High quality HDMI splitter, takes a single HDMI input and splits the signal into multiple outputs without an signal loss.

- Slim design, idea for hiding behind TVs
- Up to 4K HDMI 2.0 UHD
- Supports 36 bit Deep Colour, 1080p, 3D
- Displays resolutions up to 3840x2160
- Built-in EDID simulator and HDCP key-set
- Robust metal case, solid construction

2-way	HDMI2SPV2	64510014
4-way	HDMI4SPV2	64510024
8-way	HDMI8SPV2	64510034

HDMI 4K SPLITTER & DOWN SCALER

BLUSTREAM



2-way HDMI splitter and down scaler.

- 4K HDCP2.2 compliant
- HDMI output 2 downscales
- Audio Breakout
- Edid Management
- HD Audio
- Supports 3D

SC12SP	64510070

1X HDMI IN 4X HDBASET OUTPUTS

BLUSTREAM



HDMI - HDBaseT™ splitter.

- Splits an HDMI source to 4 outputs without loss
- HDBaseT™ Lite output distance up to 70m for 1080p, 40m for 4K
- HDCP2.2 support
- POC, no power supply needed for the receivers
- Extract audio from HDMI source via analogue and digital outputs
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Advanced EDID management

HSP14AB-V2	64510074

HDMI CAT5 SPLITTER RECEIVER

Pro.2



SPC5RX is the bridge between any PRO2 SPC5L series HDMI over UTP transmitter and your HD display using a single CAT5e/CAT6 cable.

- Comes with bidirectional IR
- 3D full HD 1080p
- Power supply, IR receiver, emitter and mounting ears included

SPC5RX	64510140

HDMI OVER CAT5 SPLITTER

Pro.2



HDMI splitter over single CAT5e/6 cable.

- 1 local HDMI output
- Transmit over 50m with IR
- Supports Full HD 1080p

2-way	H2SPC5L	64510142
4-way	H4SPC5L	64510144
8-way	H8SPC5L	64510146

2-WAY DISPLAYPORT SPLITTER

sunix



Enjoy multiple monitors from a single digital DisplayPort source.

- Fully HD compatible
- Compatible with DisplayPort v1.1a, HDMI V1.3, VESA DDM, and EDID v1.4 Standards
- Supports video mirror and extension mode
- Driver free under Windows and Linux operation systems
- Hot Plug 'n' Play feature without configuration

DPD2001	64510330

HD IP DISTRIBUTION SYSTEM

resi-linx®



resi-linx® RLIP1000 HD IP distribution system.

- HDMI, Component, Composite video inputs with auto detection
- Dual mode H264 AVC / MPEG-2 selectable
- Video Resolution from 480i to 1080p
- Analogue, Coaxial and Optical audio inputs
- Audio Format: MPEG-1 Layer2 (MP2), AAC
- Easy installation and use
- Web based programming

HDIP800	64538100

4-INPUT 4 OUTPUT HD IP PRO STREAMER

ZyCast



Deliver both Apple® HLS and MPEG-DASH streams with this leading-edge dual-output codec encoder.

- HDMI /Component / Composite 1RU High Density IPTV Encoder
- 3 HLS and 3 DASH Outputs
- Select any 3 resolutions

HDIP404DHP	64538101

8X8 COMPONENT AV MATRIX SWITCH



The AVS88 has been specifically designed to allow the widest variety of control options.

- Eight zone multi-room A/V controller
- Eight component video inputs and outputs allowing distribution up to 60m
- Eight audio inputs and outputs (analogue and coax digital)
- Bass, treble and balance control for each zone
- Compatible with wide range of controllers
- Inputs and Outputs may be 'split' for routing audio and video independently
- Eight IR inputs for discrete simple control from each zone via IR repeating systems

AVS88 64538575

AV DISTRIBUTION ACCESSORIES

DUAL 7" MONITOR WITH HDMI INPUT



Wide view angle IPS Screen, high resolution 1280x800, bright, colourful display.

- Software control via Ethernet connection
- Slim design and 3RU size
- HDMI input and loop-through

D71H 29500500

HEADPHONES

WIRELESS HEADPHONES

8GB BLUETOOTH AQUA BUDS



Ergonomically designed specifically for sports with comfort and convenience.

- MP3, WMA, APE, FLAC,WAV music format
- 8GB built-in flash memory
- Weight: 26g

AQB18BLU 08850015

AQB18BLK 08850018

P5 WIRELESS ON-EAR HEADPHONE



Fantastic sound, luxurious materials with advanced Bluetooth streaming and aptX® support.

- Battery life of 17hrs
- Voted 5 stars by What Hi-Fi

P5WIRELESS 20510614

P7 WIRELESS OVER-EAR HEADPHONE



These incredibly immersive over-ear headphones deliver professional-quality sound.

- Bluetooth aptX®
- 17hrs wireless music playback
- Charge via USB
- Folding (hinged) design

P7WIRELESS 20510616

PX NOISE CANCELLING WIRELESS



PX combines incredible sound with adaptable noise cancellation, 22hr battery life and intuitive controls that respond naturally to your behaviour.

- Bluetooth 4.1 with aptX® HD
- Digital hybrid noise cancellation
- 22hr battery life
- Smart sensors for Auto Play/ Pause/On/Off

PX-GOLD 20510619

PX-GREY 20510618

INFRARED TV HEARING AID



Phone hearing aid function.

- Chatting hearing aid function
- Wired listening hearing aid function for MP3, radio, PC etc.
- Tone control, Balance control
- Battery life: 8hrs

AA2099 20514536

SPARE RECEIVER TO SUIT AA2099



Spare receiver neckloop for AA2099 Infra-Red T-Coil Hearing Aid Transmitter.

AA2103 20514537

2.4GHZ TV LISTENING SYSTEM



Digital TV listening system.

- Gain up to 120dB
- Carrier Frequency: 2.4GHz
- Frequency: 30Hz-20kHz
- Supplied with 2x rechargeable Batteries
- Operating time per battery: Approx. 4hrs
- Microphone for local communication

A41030 20514670

2.4GHZ TV LISTENING SYSTEM



Digital TV listening system.

- Operating Frequency: 2.4GHz
- Frequency Response: 20Hz-20kHz
- Battery type: Li-Polymer approx. 240mAh
- Operating Time: Approx. 6hrs
- Connectors: Audio analogue / TOSLINK digital
- Teleloop transmits the sound inductively to your hearing aid integrated T-coil

A41360 20514673

2.4GHZ SWING DIGITAL HEADSET

HUMANTECHNIK



Under chin Digital Headset TV listening system.

- Operating Frequency: 2.4GHz
- Frequency Response: 20Hz-20kHz
- Battery type: Li-Polymer approx. 240mAh
- Operating Time: Approx. 6hrs
- Connectors: Audio analogue / TOSLINK digital
- Teleloop transmits the sound inductively to your hearing aid integrated T-coil

A41310 20514676

900MHZ WIRELESS HEADPHONES

Wintal Digital Living



Simply connect the headphone base to any sound source and enjoy cable free listening.

- 900MHz RF technology
- Hassle free auto-tuning
- Built-in Charger
- Auto On/Off
- Operating Distance: Up to 100m
- Base station can be connected to up to 15 to 20 spare headphones!

RF900 20518510

WIRELESS RF HEADPHONES

SENNHEISER



The RS 120 is an open, supra-aural wireless RF headphone system. Its transparent and well-balanced sound with great bass response makes this system an ideal choice for all types of music and TV applications.

- Open, stereo, supra-aural, wireless RF headphone system
- Detailed, analytical sound reproduction with strong bass response
- Perfectly suitable for all types of modern music and TV applications
- Range of up to 100 metres
- Three selectable RF channels
- Control elements conveniently positioned to provide easy, intuitive operation

RS120-9 20518875

DIGITAL WIRELESS HEADSET UNIT

SENNHEISER



Taking home entertainment to the next level, Sennheiser's RS 175 offers an impressive range of features in a compact, ergonomic package, so that you can enjoy music and television to the fullest.

- Closed, circumaural headphones
- Exceptional digital audio clarity and transmission range of up to 100m
- Switch between dynamic bass and virtual surround sound
- Supports analogue and digital audio inputs
- Multi-purpose transmitter functions as "easy-charge" cradle and docking station
- Transmitter supports up to two pairs of headphones simultaneously

RS175 20518895

BLUETOOTH WIRELESS NOISE CANCELLING HEADPHONE

SENNHEISER



- Noise Cancelling
- Bluetooth 4.0, aptX® codec and NFC
- Mic and volume controls

HD4.50BTNC 20518919

SENNHESIER BLUETOOTH HEADSETS

SENNHEISER



- Bluetooth 4.0, aptX® codec and NFC
- Mic and volume controls

HD4.40BT 20518922

WIRED HEADPHONES

OVER-EAR HEADPHONE

B&W Bowers & Wilkins



Bowers & Wilkins newest and finest headphones, the P7 is a revelation in transparency, scale and resolution. Prepare to be amazed.

- Designed to sound great on the go
- Brushed stainless steel and a leather-encased headband and ear pads give a high-quality, high-comfort finish
- P7 performs more like a traditional, audiophile speaker, less like other headphones. The result is stunning, natural sound

P7 20510607

P3 BLACK ON-EAR HEADPHONE

B&W Bowers & Wilkins



A refreshed version of the successful and highly portable P3 headphones with a new premium leather finish.

- Lightweight and foldable
- Frequency range: 10Hz to 20kHz
- Impedance: 34Ω (passive)
- Weight: 130g

P3S2 20510610

STEREO WIRED HEADPHONE

Wintal Digital Living



- Detachable 3.5mm cable with in-line Mic
- Black colour
- Extra soft earpad
- Cable Length: 1.2m

HP17 20512170

BASIC OVER-EAR HEADPHONE

RPG



Fully adjustable headband with large soft vinyl ear cushions for comfortable positioning on your ears, and reducing unwanted noise.

- 57mm driver units
- Cord Length: 1.6m
- Frequency Response: 25 ~ 18,000Hz
- Impedance: 8Ω
- PH100R features individual left & right volume controls

1.6m		PH100	20517601
1.6m	with volume control	PH100R	20517617

TV HEADPHONES WITH VOLUME CONTROL

SENNHEISER



These TV headphones provide a balanced, clear reproduction of TV sound while the volume control on their 5.2m connection cable offers separate controls for the left and right channels.

HD35TV 20518803

TV HEADPHONES WITH VOLUME CONTROL

SENNHEISER



Comes with connection cable of 5.2m for direct connection to your TV.

- The volume control offers separate controls for the left and right channels
- Closed design

HD65TV 20518806

CLOSED-BACK ON-EAR HEADPHONE

SENNHEISER



Ultra lightweight and compact and foldable.

- Powerful bass response

HD2.10 20518824

ON-EAR HEADPHONE FOR IPHONE

SENNHEISER



The compact, extremely lightweight design makes it easy to get the most out of portable devices.

- For iPhone
- Colour: White

HD2.30IW 20518828

ON-EAR HEADPHONE WITH MIC

SENNHEISER



The compact, extremely lightweight makes it easy to get the most out of portable devices.

Suits Apple Devices	HD2.30IB	20518829
Suits Android Devices	HD2.30G	20518830

BASIC STEREO HEADPHONES

SANSAI



Lightweight headphones with in-line Volume Control.

- 1.5m cable with 3.5mm headphone jack

MLPR48 20518932

OVER EAR HEADPHONE FOR IPHONE

SENNHEISER



- 3-button smart remote conveniently allows you to control music and take calls with ease
- Sturdy folding design makes these headphones durable and compact enough to be taken anywhere

○	HD4.30IW	20518943
●	HD4.30IB	20518944

OVER-EAR HEADPHONE WITH MIC

SENNHEISER



- Featuring an extremely durable construction and a folding headband for easy storage when not in use, the HD 4.20s is perfect for listening to music and taking calls on the go
- The convenient 1-button smart remote on the cable allows to control portable device

HD4.20S 20518941

PROFESSIONAL OPEN BACK

SHURE



Shure SRH1440 Professional Headphones.

- 40mm neodymium drivers
- Open-back, circumaural design
- Fully adjustable, premium padded headband with steel frame
- Oxygen-free copper cable (OFC) with Kevlar® reinforced jacket
- Dual-exit cables with gold-plated MMCX connectors
- Individually tested and serialized

SRH1440 20519670

PROFESSIONAL DJ HEADPHONES

SHURE



Shure SRH550DJ headphones.

- Frequency Range: 5Hz-22kHz
- Sensitivity: 109dB SPL/mW
- Transducer Type: Dynamic, Neodym-Magnet
- Max. Input Power: 3000mW
- Type of cable: Attached, straight

SRH550DJ 20519695

REFERENCE STUDIO HEADPHONES

SHURE



Shure SRH940 Reference studio headphones.

- Lightweight, ergonomic fit with premium padded headband
- Closed-back, circumaural design
- Collapsible design with 90° swivel ear cups
- Replacement set of ear pads included
- Zippered, hard travel case

	SRH940	20519710

PORTABLE FOLD-UP HEADPHONE

SENNHEISER



Amazingly compact "fold & flip" mini headphones.

- Closed-back blocking outside noise
- Frequency Response: 10Hz-21kHz
- 3.5 mm headphone jack with a 1.2m single-sided cable & volume control
- Carrying case included

	PX200-IIW	20550479

WIRED EARPHONES

STEREO EAR BUDS

SANSAI



- Neck strap "Y" style for a comfortable fit
- 3.5mm headphone jack with 120cm PU cord
- Available Colours: White and Black

	MDR242	20512158

3.5MM SINGLE EAR PIECE



Magnetic earpieces with 3.5 mm plug for radios, TV or instruments.

○	1M	MR13	20511501
●	5M	E15MT	20511517

EXERCISE FREAK IN-EAR WIRELESS HEADPHONES

DENON



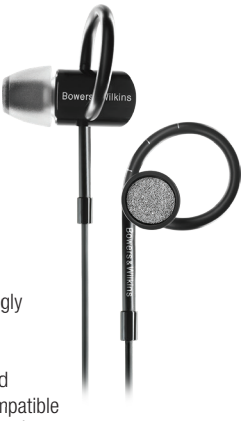
The ultimate, super-lightweight, sweat proof, wireless fitness headphones that perform the way you do.

- Integrated Controls and Microphone
- Professional tuning and an integrated amplifier
- Wireless Bluetooth 3.0 Connectivity
- Secure fit and sweat proof design allows you to focus on your workout
- Reflective Back band for safe evening workouts

●	AHW150BK	20510516
●	AHW150BU	20510518

C5 SERIES 2-IN-EAR HEADPHONE

B&W Bowers & Wilkins



C5 Series 2-in-ear headphones bring you amazingly natural acoustics and fit so snugly you'll hardly be aware you're wearing them.

- Natural, lifelike sound
- Improved iPhone compatible 3-button remote control
- Strong, durable, lightweight aluminium body
- Adjustable and detachable Secure loop design
- Micro Porous filter, CCAW Coil, Tungsten balanced design
- Supplied with four different eartip sizes and case

	C5S2	20510592

ULTRA LIGHT BLUETOOTH EARPHONE

Panasonic



Enjoy great sound in a slender, wireless design.

- Clear sound, robust bass
- 9mm Driver Unit
- Ergonomical design for comfortable fit
- 4hrs 20mins of wireless playback
- Colour: Black

	RPNJ300BEK	20510713

IN-EAR EARPHONE WITH MIC

Wintal Digital Living



- One button music and phone control
- Tangle-free flat cable
- Includes soft flex sleeves
- L-shaped connector

	EP17	20512172

BUD IN EAR HEADPHONES

Panasonic



Comfort fit in-ear headphones.

- Made of elastomer material for comfort fit
- Impedance: 16Ω
- Unique rubber clip to prevent tangles
- Frequency Response: 10Hz-25kHz

●	RPHV41GUK	20517968
○	RPHV41GU-W	20517970

BLACK SPORTS CLIP EARPHONE

Panasonic



- Colour: Black
- Frequency Response: 10Hz-25kHz
- Water resistant

●	RPHS34EK	20517980

EAR GRIP HEADPHONES

SANSAI



Stereo headphone with 3.5mm headphone jack.

- Stylish blue ear buds with ear-grip design for comfortable and perfect fit
- Turbo Sound design ideal for digital equipment

	HS994	20518925

PHILIPS BUD EARPHONE WITH MIC

PHILIPS



Bass beat vents allow air movement for better sound with a deep rich bass.

- Small enough for optimum wearing comfort and big enough to deliver crisp, non-distorted sound, the 15mm speaker driver is an ideal size for listening enjoyment

●	SHE1355BLU	20519361
○	SHE1355WH	20519362

SOUND ISOLATING IN-EAR MONITOR

SHURE



Shure SE112GR Sound isolating earphone.

- Colour: Grey
- Single dynamic MicroDriver
- Sound isolating design
- Comes with drawstring carry pouch

	SE112GR	20519610

SOUND ISOLATING IN-EAR MONITORS

SHURE



- Single High-Definition MicroDriver
- Tuned BassPort
- Detachable cable with formable wire
- Sound isolating sleeves in multiple sizes block up to 90% of the background noise
- Available in clear or black

●	SE315BK	20519630
●	SE315CL	20519635

SOUND ISOLATING EARPHONES

SHURE



- Blocks up to 37dB of outside noise
- Bluetooth 4.1 connectivity
- Remote + mic control
- 8 hours of battery life
- 10m wireless range

	SE215CLBT1	20519657

IN-EAR HEADPHONE FOR IPHONES

SENNHEISER



3-button in-line remote with an integrated mic.

- Jack plug: 3.5mm angled
- Cable length: 1.2m

○	1.2m	CX2.00IWH	20550058
●	1.2 m	CX2.00IBK	20550059

IN-EAR HEADPHONE ANDROID

SENNHEISER



3-button in-line remote with an integrated mic.

- Jack plug: 3.5mm angled
- Cable length: 1.2m

CX2.00GBK		20550335

HEADPHONE SPARES

HEADSET STAND WITH USB3.0 HUB

Flujo



- Headphone cable management function
- Up to 5Gbps transfer speed
- 3x USB 3.0
- 1x 3.5mm AUX Port

	AH2SL	20518740
	AH2GLD	20518742

HEADPHONE LEAD SUITS HD490

SENNHEISER



Spare headphone lead to suit HD490.

91581		20518756

SENNHEISER HEADPHONE LEAD

SENNHEISER



3 metre lead with 3.5mm stereo plug and mini 2-pin plug. Suits all Sennheiser models with plug-in leads.

37974		20518760

EARPADS FOR RF550 (RS430)

Wintal Digital Living



Earpads to suit the Wintal RF550 headphones.

RF550P		20524110

GENUINE SENNHEISER SPARE EARPADS

SENNHEISER



Spare earpads to suit a variety of Sennheiser headphones.

●	HD400 series	EPHD400	20526018
●	HD414	EPHD414	20526029
●	HD424	EPHD424	20526046
●	HD222	EPHD222	20527110
●	PMX60	EPPMX60	20527200
●	PC350/PXC350	EPPC350	20527210
●	PC130	EPPC130	20527220
●	RS170	EPRS170	20527310

EARPAD FOR HD440/ 442/450/452

SENNHEISER



EPHD440/442/435		20526055

BATTERY TO SUIT WIRELESS HEADPHONES

SENNHEISER



Genuine spare batteries for Sennheiser wireless headphones.

Suits	Model	Code
IS450	BA90	20527092
RS30/RS45/RS65/RA85/SET810	BA151	20527095
SET900/SET840/RI900	BA300	20527097
MM550X	BA370	20527102

HEADBAND CUSHION FOR PX100

SENNHEISER



HBC100	20527112

900MHZ WIRELESS HEADPHONE SPARES

Wintal Digital Living



Spares available:

- Spare headset
- 2x rechargeable "AA" batteries
- 2x ear pads

Spare headset	RF900SP	20518515
Spare batteries (x2)	RF900BAT	20527600
Spare ear pad (x2)	RF900EP	20527605

PILLOW SPEAKERS

WHITE PILLOW SPEAKER

SANGEAN

Sangean PS300 pillow speaker.

- Inbuilt amplifier
- On/Off switch for amplifier
- In-line volume control
- White



PS300	38857018

HEADPHONE AMPS

E3 PORTABLE HEADPHONE AMP

CREATIVE



The Sound Blaster E3 is a headphone amplifier that gives you high audio quality performance with music streaming wirelessly to your smart mobile devices.

- Enjoy wireless freedom via Bluetooth
- Audio fidelity of 112dB (DAC) Signal-to-Noise Ratio (SNR)
- Small and light, at only 44 grams
- Supports up to 600Ω, no limits to the type of headphones
- Works on PC and Mac too
- Using your headphones for conversations over the phone

E3HA	01458286

4-WAY HEADPHONE AMPLIFIER

Pro.2 Providing AV Solutions



Perfect for headphone displays in stores or create your own Silent Cinema room at home! Connect up to four sets of headphones, each with individual volume controls.

- Loop-out via both Stereo 3.5mm and RCA output simultaneously
- Output power: 105mW RMS per channel
- THD+N: 0.05% (@ RL=16Ω, f=1kHz)
- Voltage: 12V DC / Centre positive
- Dimensions: 185(L) x 86(W) x 31(H)mm

PRO1340	01458306

HEADPHONE AMPLIFIER

Pro.2 Providing AV Solutions



Many headphone outputs are simply not designed to power higher impedance, large driver headphones; the PRO1343 provides this extra power with low noise!

- Compact design
- Volume control with Power Switch
- 3.5mm Jack and RCA inputs
- Both 3.5mm and 6.3mm Jacks
- THD+N: 0.05% (@16Ω; 1kHz)
- DC Input: 5VDC (centre positive)
- Dimensions: 97(L) x 64(W) x 30(H)mm

PRO1343	01458308

COMPACT USB HEADPHONE DAC

CAMBRIDGE AUDIO



Compact USB Headphone DAC.

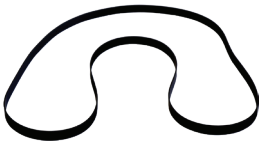
- Plugs into PC/Mac via a single USB
- Dramatically improves audio quality on all digital audio
- Headphone amplifier built-in for deeper bass and higher power
- Sturdy aluminium casing
- 53 Step analogue volume control

DACMAGICXS	01619114

TURNTABLE ACCESS.

BELTS

RUBBER TURNTABLE BELT



Spare turntable belt suits a variety of turntable brands.

Ø195 x 5mm	10JB204	60851017
Ø178 x 5mm	10JB207	60851033

78 PULLEY + BELT CONVERSION KIT

Pro-Ject



78 Conversion Kit for suitable Project Turntables.

- Belt and Pulley Kit
- Drive pulley exchange can be reversed easily

PROJECT78KIT	60851045

PRE-AMPS

DIGITAL TO ANALOGUE CONVERTER

DENON



Compact USB DAC / Headphone Amp.

- 1x USB-B, 1x coaxial and 2x optical digital inputs
- Audiophile analogue signal (line level) output and headphone amplifier stage
- Advanced AL32 Processing and High-Precision 32bit, 192kHz D/A conversion
- Noise isolating circuit design prevents distortion via USB
- Front panel touch input selector switch and headphone volume control
- OLED display shows selected input signal and headphone volume

DA300USB	01611055

CORD MM AND MC PHONO PRE-AMP

cord



High quality Phono Pre-Amp.

- Supports both MM and MC cartridge types
- Made from machined aluminium and steel
- High Gain Output signal
- Gold-plated RCA sockets
- Includes matching power supply

CPS1	01619097

DIGITAL TO ANALOGUE CONVERTER

Pro-Ject



Project Audio D/A converter.

- 24bit, 192kHz, 8 times oversampling
- 3 Inputs: 1x USB, 1x optical (TOSLINK), 1x coax (S/PDIF)
- 2 selectable filter settings
- Ultralinear circuitry
- Extremely low impedance output stage
- Gold-plated RCA line level output sockets

DACBOXDS	01619115

PROJECT PHONO PREAMPLIFIER



Pure vinyl listening
pleasure plus recording functionality!

- Amplification and RIAA equalisation for MM & MC
- Design principle inspired by Dr. Sykora
- Digitalisation of vinyl for recording direct to USB with suitable recording programs
- Automatic recognition, no additional drivers needed
- Runs on Windows®, Mac OS® & Linux operating systems
- SMD circuitry with special low noise components
- Internal metal shielding

RECORDBOXE 01619124

USB RECORDING WITH PREAMP



- Digitise records using PC or Mac
- High quality Pre-Amp

AC1593 60850405

INLINE PHONO PREAMP



In order to utilise the line-level inputs most amplifiers have (Aux, Tape, Line, Video, CD, etc.), you need to first pass the signal through an external Pre-Amp to connect a turntable.

- Ultra compact design
- Use either 9V Battery or 9V-100mAH Power supply (not included)
- Simply plug and play
- Current consumption: 1mA (average)
- Amplification: 34dB

PA005 60850410

PHONO PREAMP WITH USB



For all turntables with moving magnet (MM) cartridges or audio devices with line level (e.g. tape decks).

- External housing, reliably shielded against interference
- Audio recording takes place through USB
- No need to open the computer housing
- Top quality circuit technology and components
- Built-in low-noise phono Pre-Amp circuit conforms to the RIAA standard
- Signal and peak LED

UP2 60850420

STEREO AUDIO LINE PREAMP



This audio Pre-Amp is great for audio distribution systems where sources may have different output levels. Adjust the Pre-Amp gain so your source is matched with the others before entering your distribution or zone amps!

- Frequency Response: 20Hz to 20kHz
- Gain Control: 0-15dB
- S/N Ratio: >85dB

PRO1327 60850430

RIAA PHONO PREAMP WITH AUX



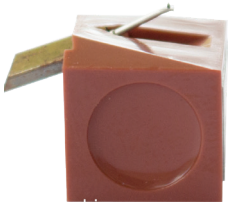
Phono & Aux input selector.

- Phono Amplitude Gain: 40dB (@1kHz)
- AUX Amplitude Gain: 6dB
- Signal to Noise ratio: 70dB
- Precise RIAA (Recording Industry Association of America) equalization

PRO1387 60850435

STYLI

STYLUS TO SUIT NAGAOKA

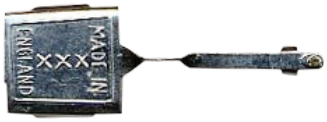


Stylus - Nagaoka
N10MP, N11MP,
N15MP, N20MP.

- Original Cartridge - Nagaoka MP10, MP11E, MP15, MP20

D1095SR 40325476

CONICAL STYLUS

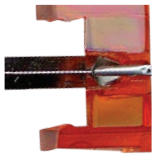


Suits Brands: Ronette, Collaro, HMV.

- Cartridge Type: Ceramic

D44SR 40320186

CONICAL STYLUS

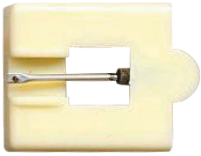


Suits Brand: National-Panasonics-Technics.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.5g

D567SR 40320791

CONICAL STYLUS

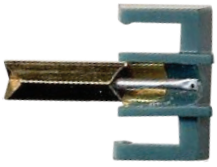


Suits Brands: NEC Nihon, Sanyo, Sharp, Novatech, Audio Reflex and more.

- Cartridge Type: Ceramic
- Tracking Force: 5.0g

D543SR 40320821

CONICAL STYLUS

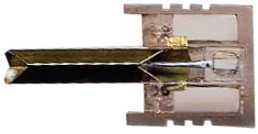


Suits Brands: Excel, Kriesler, Lenco, Neat, Realistic Tandy, Ronette, Sanyo, Sonotone.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.0-2.5g

D501SR 40320854

CONICAL STYLUS

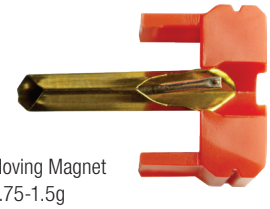


Suits Brands: CEC, Jelco Apan, Onkyo, Rotel, Sansui, Sanyo.

- Cartridge Type: Moving Magnet
- Tracking Force: 3.0g

D570SR 40320921

CONICAL STYLUS

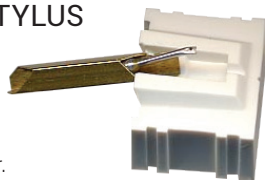


Suits Brands: Dual, Shure, Realistic Tandy.

- Cartridge Type: Moving Magnet
- Tracking Force: 0.75-1.5g

D186SR 40320931

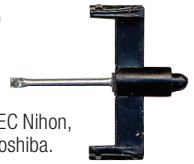
CONICAL STYLUS



Suits brand: Pioneer.

D506SR 40320951

CONICAL STYLUS

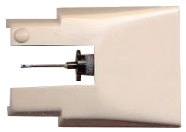


Suits Brands: NEC Nihon, Sanyo, Sharp, Toshiba.

- Cartridge Type: Ceramic
- Tracking Force: 7.0g

D590SR 40320971

CONICAL STYLUS



Suits Brands: AWA, Sharp, Audio Technica, Columbia Denon, Hitachi, Onkyo, Toshiba, Yamaha and more.

- Cartridge Type: Variable Magnet
- Tracking Force: 2.5g

D603SR 40320986

CONICAL STYLUS



Suits Brands: Aiwa, Columbia Denon, CEC, CDC, BSR, Hitachi, JVC Nivico, National-Panasonic-Technics, Onkyo and more.

- Cartridge Type: Ceramic
- Tracking Force: 6.0g

D325SR 40321626

CONICAL STYLUS



Stylus for Shure M44. Suits Brands: Shure, Dual, Garrard, Krielser.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-3.0g

D387SR 40321936

CONICAL STYLUS

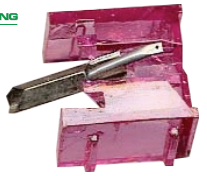


Stylus for Shure M75. Suits Brands: Dual, HMV, Lenco, PYE, Realistic Tandy, Sanyo, Sharp, Shure, Yamaha and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 0.75-1.2g

D414SR 40322071

CONICAL STYLUS

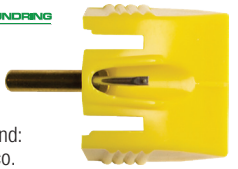


Suits Brands: JVC Nivico, Rank Arena, PYE, Audio Reflex.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.5-3.5g

D555SR 40322526

CONICAL STYLUS



Suits Brand: JVC Nivico.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.0g

D556SR 40322531

CONICAL STYLUS

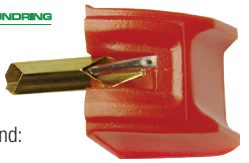


Suits Brand: Kenwood Trio.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.7-2.3g

D631SR 40322616

CONICAL STYLUS

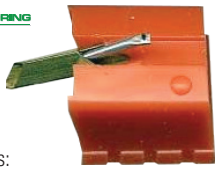


Suits Brand: Pioneer.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.7-2.5g

D574SR 40322640

CONICAL STYLUS

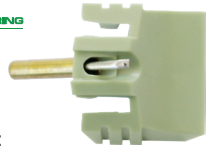


Suits Brands: Audio Technica, Columbia Denon, Kenwood Trio, Onkyo, Sony and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.5g

D492SR 40322686

CONICAL STYLUS



Suits Brands: Hitachi, Micro, Rotel, Sharp, Sony, Toshiba and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D605SR 40322696

CONICAL STYLUS



Suits Brands: Audio Reflex, Hitachi, Mitsubishi, Sansui, Sharp and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D564SR 40322726

CONICAL STYLUS

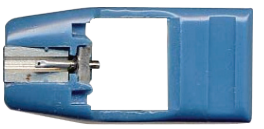


Suits Brands: Audio Technica, CEC, Mitsubishi, Onkyo, TEAC, Yamaha and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.5g

D679SR 40322761

CONICAL STYLUS

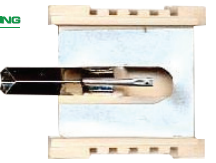


Suits Brands: ADC, Pioneer, Realistic Tandy.

- Cartridge Type: Induced Magnet
- Tracking Force: 0.75-1.5g

D544SR 40322791

CONICAL STYLUS

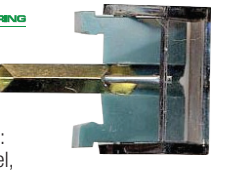


Suits Brand: Sansui.

- Cartridge Type: Induced Magnet
- Tracking Force: 2.5g

D597SR 40322821

CONICAL STYLUS



Suits Brands: Diotran, Excel, Kriesler, Onkyo, PYE, Realistic Tandy, Sanyo, TEAC, Toshiba.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.0-2.0g

D585SR 40322896

CONICAL STYLUS



Suits Brand: Pioneer.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0-3.0g

D576SR 40322966

CONICAL STYLUS

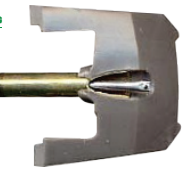


Suits Brands: Audio Technica, Columbia Denon, Hitachi, Kenwood Trio, Marantz, Mitsubishi, Sharp, Sony, Toshiba, Yamaha and more.

- Cartridge Type: Variable Magnet
- Tracking Force: 2.0g

D720SR 40323041

CONICAL STYLUS

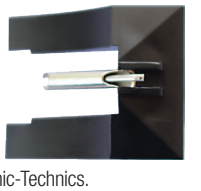


Suits Brands: JVC NIVICO.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.0g

D604SR 40323111

CONICAL STYLUS



Suits Brand: National-Panasonic-Technics.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.0-1.5g

D634SR 40323116

CONICAL STYLUS



Suits Brands:
Akai, Piezo,
Colubia Denon,
Sansui, Rank Arena, Nagaoka.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.5g

D735SR 40323741

CONICAL STYLUS



Suits Brands:
Philips, Akai,
Toshiba, Novatech, Luxman, Rotel.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5g

D745SR 40323931

CONICAL STYLUS

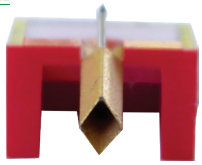


Suits Brands: Philips,
Columbia Denon,
JVC Nivico and more.

- Cartridge Type: Ceramic
- Tracking Force: 6.0g

D957SR 40323941

CONICAL STYLUS



Suits Brands:
Aiwa, CEC,
CDC, Columbia Denon, JVC
Nivico, NEC Nihon, PYE, Rank
Arena, Sanyo, Silver, Toshiba.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D904SR 40323946

CONICAL STYLUS



Suits Brands: Aiwa, Sony,
Audio Technica, Akai, Scott,
National-Panasonic-Technics,
Onkyo, Sanyo, Rotel, Luxman.

- Cartridge Type: Variable Magnet
- Tracking Force: 2.0g

D873SR 40324081

CONICAL STYLUS



Suits Brand: Kenwood Trio.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.8g

D862SR 40324136

CONICAL STYLUS

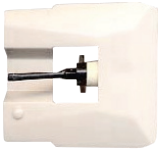


Suits Brands: Dual, Ortofon.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D930SR 40324269

CONICAL STYLUS



Suits Brands:
Akai, Audio
Technica, Sharp,
National-Panasonic-Technics, Pioneer,
Sanyo, Sony, Toshiba, Yamaha.

- Cartridge Type: Variable Magnet
- Tracking Force: 3.5g

D955SR 40324551

CONICAL STYLUS



Suits Brands: Columbia Denon,
NEC Nihon, Piezo, AWA.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D932SR 40324611

CONICAL STYLUS



Suits Brands:
Aiwa, Akai, CEC, CDC, Columbia
Denon, Dual, Ortofon, Sony, TEAC.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D1124SR 40324621

CONICAL STYLUS



Suits Brands:
Excel, CEC,
Krielser, TEAC, Silver, PYE.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.0-2.5g

D963SR 40324626

CONICAL STYLUS

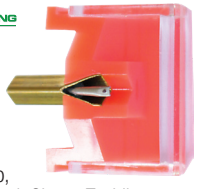


Suits Brands:
Audio Reflex,
Audio Technica,
CEC, NEC Nihon, Sanyo, TEAC, Yamaha.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D967SR 40324681

CONICAL STYLUS

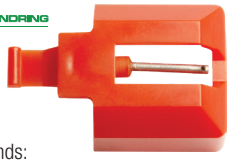


Suits Brands:
Hitachi, Onkyo,
Mitsubishi, Rotel, Sharp, Toshiba.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D956SR 40324781

CONICAL STYLUS



Suits Brands:
National-Panasonic-Technics, Sanyo,
Toshiba, Sony, Nec Nihon, AWA, Thorn.

- Cartridge Type: Ceramic
- Tracking Force: 4.0g

D976SR 40324796

CONICAL STYLUS



Suits Brand:
Sony.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.8g

D686SR 40324861

CONICAL STYLUS

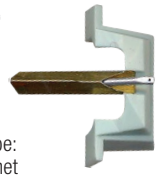


Suits Brands: Marantz, JVC NIVICO,
National-Panasonic-Technics, Yamaha.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25g

D970SR 40324891

CONICAL STYLI

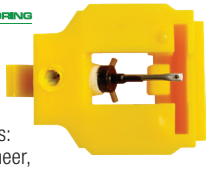


Suits Brands:
Shure SC35C.

- Cartridge Type:
  Moving Magnet
- Tracking Force: 4.5g

D1047SR 40324946

CONICAL STYLUS

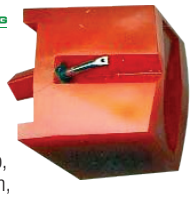


Suits Brands:
Philips, Pioneer,
Sony, Yamaha and more.

- Cartridge Type: Variable Magnet
- Tracking Force: 2.0g

D975SR 40325041

CONICAL STYLUS

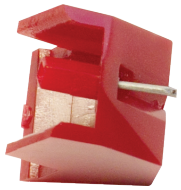


Suits Brands:
Marantz, Sharp,
Scott, Novatech,
Morse, JVC Nivico, Audio Reflex, TEAC,
Silver, Realistic Tandy and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0-3.0g

D1054SR 40325051

CONICAL STYLUS

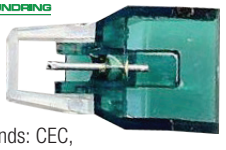


Suits Brands:
Columbia Denon,
Nagaoka, Sanyo, Toshiba and more.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25g

D1061SR 40325091

CONICAL STYLUS



Suits Brands: CEC, CDC, Marantz, Realistic Tandy, TEAC.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5g

D1031SR 40325103

CONICAL STYLUS



Suits Brands: Micro, Kenwood Trio, Sansui, Toshiba, Novatech, Nec, Morse, Mitsubishi, Silver, Realistic Tandy.

- Cartridge Type: Induced Magnet

D1035SR 40325106

CONICAL STYLUS

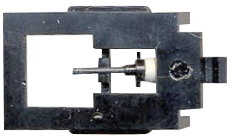


Suits Brands: Akai, AWA, Kenwood Trio, Sansui, TEAC, Sherwood.

- Cartridge Type: Induced Magnet
- Tracking Force: 3.0g

D1134SR 40325111

CONICAL STYLUS



Suits Brands: Toshiba, Yamaha, Sharp, Kenwood, Marantz.

- Cartridge Type: Variable Magnet
- Tracking Force: 2.2g

D1058SR 40325171

CONICAL STYLUS



Suits Brands: AWA, Realistic Tandy, Samsung, Sharp, Teac, Philips.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.5g

D1066SR 40325231

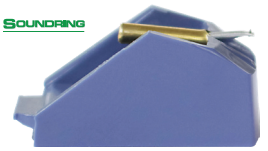
CONICAL STYLUS



Replaces Marantz.

D1136SR 40325310

CONICAL STYLUS



Suits Brands: National-Panasonic-Technics, Yamaha.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.0g

D1099SR 40325341

CONICAL STYLUS

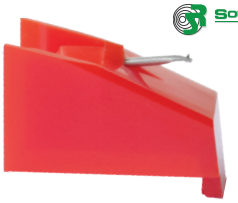


Suits Brands: Audio Technica, Akai, Dual, JVC Nivico, National-Panasonic-Technics, Pioneer, Sony, Hitachi and more.

- Cartridge Type: Variable Magnet
- Tracking Force: 1.3g

D1041SR 40325361

CONICAL STYLUS

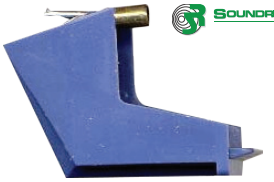


Suits Brands: Kenwood Trio, Sanyo, Novatech, Teac.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25g

D1130SR 40325366

CONICAL STYLUS

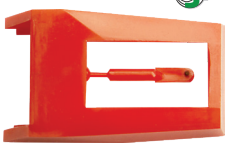


Suits Brands: Kenwood Trio, Jelco, Toshiba.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25g

D1146SR 40325396

CONICAL STYLUS



Suits Brands: Philips, Sanyo, Sharp and more.

- Cartridge Type: Ceramic
- Tracking Force: 4.0g

D1153SR 40325456

CONICAL STYLUS



Suits Brand: Pioneer.

- Cartridge Type: Induced Magnet
- Tracking Force: 1.25g

D1132SR 40325585

CONICAL STYLUS

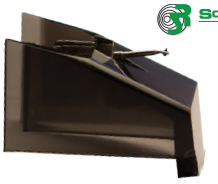


Suits Brands: Columbia Denon, Nagaoka, Sharp, Sanyo, AWA, Tempest.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25g

D1131SR 40325656

CONICAL STYLUS

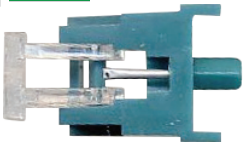


Suits Brands: Marantz, Sanyo, TEAC.

- Cartridge Type: Induced Magnet
- Tracking Force: 1.25g

D1204SR 40325671

CONICAL STYLUS



Suits Brands: Marantz, Kenwood Trio.

- Cartridge Type: Moving Magnet

D1185SR 40325700

CONICAL STYLUS

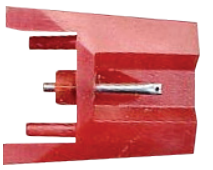


Suits Brand: Akai.

- Cartridge Type: Induced Magnet
- Tracking Force: 1.25g

D1147SR 40325749

CONICAL STYLUS



Suits Brands: Kenwood Trio, Marantz, Sanyo, Sharp, Sherwood, Silver, Sony, TEAC and more.

- Cartridge Type: Moving Magnet

D1234SR 40325763

ELLIPTICAL STYLUS

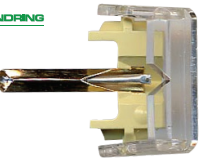


Suits Brands: Audio Technica, Hitachi, National-Panasonic-Technics.

- Cartridge Type: Variable Magnet
- Tracking Force: 1.3g

D983E 40325765

ELLIPTICAL STYLUS



Stylus for Shure M55E. Suits Brands: Linear Design, Shure, Rotel.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.3g

D425E 40322127

ELLIPTICAL STYLUS

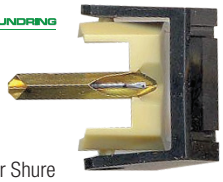


Stylus for Shure M75. Suits Brand: Shure.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.2g

D456E 40322282

ELLIPTICAL STYLUS

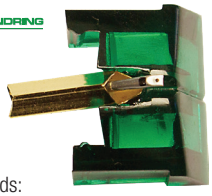


Stylus for Shure M95ED. Suits Brands: Shure, Dual.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.1g

D848ED 40323033

ELLIPTICAL STYLUS



Suits Brands: National-Panasonic-Technics, Nagaoka.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.0g

D665E 40323082

ELLIPTICAL STYLUS



Suits Brands: Shure, Realistic Tandy.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-3.0g

D849EJ 40323447

ELLIPTICAL STYLUS

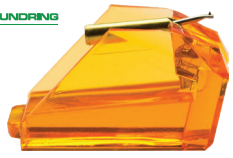


Stylus for Ortofon OM10. Suits Brands: Ortofon.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.25-2.0g

D894E 40324571

ELLIPTICAL STYLUS

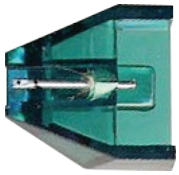


Suits Brand: National-Panasonic-Technics.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.5-2.0g

D960E 40324693

ELLIPTICAL STYLUS

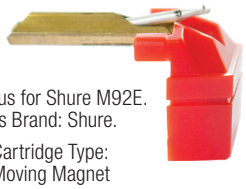


Suits Brands: Excel, Kriesler.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0g

D1032E 40325016

ELLIPTICAL STYLUS



Stylus for Shure M92E. Suits Brand: Shure.

- Cartridge Type: Moving Magnet
- Tracking Force: 1.3g

D1106E 40325496

ELLIPTICAL STYLUS



Suits Brand: Philips.

- Cartridge Type: Moving Magnet
- Tracking Force: 3.0g

D1127E 40325652

ELLIPTICAL STYLI



Suits Brands: Dual, Shure, Realistic Tandy.

- Cartridge Type: Moving Magnet
- Tracking Force: 0.75-1.5g

D186E 40320932

ELLIPTICAL STYLUS



Stylus for Stanton 500E.

- Cartridge Type: Moving Magnet
- Tracking Force: 2.0-5.0g

D859E 40320941

FLIPOVER STYLUS



Suits Brands: Astor, AWA, Hitachi, HMV, Sanyo, Sharp, Sony, Voxon and more.

- Cartridge Type: Ceramic
- Tracking Force: 5.0g

D88SR2 40320441

FLIPOVER STYLUS



Suits Brands: Garrard, Kriesler, Sonotone.

- Cartridge Type: Ceramic

D263SR2 40321316

FLIPOVER STYLUS



Suits Brands: BSR, HMV, Rambler, Onkyo, Thorn and more.

- Cartridge Type: Ceramic
- Tracking Force: 5.0g

D442SR2 40322211

FLIPOVER STYLUS



Suits Brands: Garrard, General Electric, HMV, Sharp, Sonotone and more.

- Cartridge Type: Ceramic
- Tracking Force: 4.5g

D444SR2 40322221

FLIPOVER STYLUS



Suits Brands: VACO, SANYO.

- Cartridge Type: Ceramic

D837SR2 40322266

FLIPOVER STYLUS



Suits Brands: HMV, Astor, Kriesler.

- Cartridge Type: Ceramic
- Tracking Force: 4.5g

D464SR2 40322321

FLIPOVER STYLUS



Suits Brands: BSR, HMV, Philips, Sanyo.

- Cartridge Type: Ceramic
- Tracking Force: 4.5g

D475SR2 40322376

CARTRIDGES

P MOUNT CARTRIDGE INCL. STYLUS

AUDIO TECHNICA



Great value replacement P mount cartridge.

- Frequency Response: (Hz): 20-20,000
- Vertical Tracking Force: (grams): 1.0-1.5
- Stylus Construction: Bonded round shank
- Output: 5.0 (mV at 1kHz, 5cm/sec)

AT3482P 07160525

UNIVERSAL TURNTABLE HEADSHELL



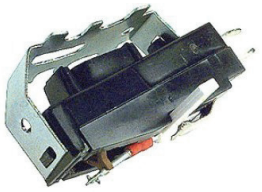
Light weight aluminium universal four pin bayonet connection. Connection leads included.

- Plug-in headshell suits all 1/2" mount cartridges

HS01 07163340

REPLACEMENT TURNTABLE CARTRIDGE

BSR



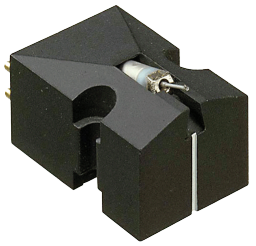
Replacement ceramic cartridge.

- 1/2" or centre screw mounting with removable mounting clip
- Replaces ceramic & crystal cartridges

KC172 07163360

MOVING COIL CARTRIDGE

DENON



Industry standard high end cartridge.

- Type: Moving Coil
- Tip: Conical
- Output: 0.3mV
- Tracking Force: 2.3 to 2.7g

DL103 07165130

REPLACEMENT TURNTABLE CARTRIDGE

ortofon



With an elliptical stylus, OM 5E promises quality sound from Ortofon's moving magnet (VMS) system. New technology and further optimization have produced the greatest sounding magnetic cartridges from Ortofon - ever!

- Standard 1/2" mounting
- Output voltage: 4mV
- Frequency response: 20 - 20,000Hz
- Stylus type: Elliptical diamond

OM5E 07165200

ORTOFON 2M RED CARTRIDGE

ortofon



Ortofon's superb 2M series cartridge.

- Moving Magnet (2M)
- Stylus Type: Elliptical
- Tracking force range: 1.6-2.0g (16-20mN)
- Tracking force, recommended: 1.8g (18µmN)
- Output voltage at 1000Hz, 5cm/sec: 5.5mV

2MRED 07165210

MBEAT TURNTABLE CARTRIDGE KIT

mbeat the new digital experience



- Ceramic cartridge, suits MBEAT turntable
- Pack of 2

STYLUS01 07166380

RECORD CLEANERS

RECORD WASHER SYSTEM MK11



Spin clean Record wash system MK2.

- Suits LP'S, 45'S and 78' rpm
- Easy and effective to use
- Cleans both sides at once

SPINCLEAN 60870022

PRO CLEANWASHER 8OZ CLEANING



Spin clean 8oz bottle Pro Cleanwasher.

- For use with the Spin clean wash MK2
- 8oz

SCWF 60870028

PRO REPLACEMENT BRUSHES



Pro replacement brushes to suit Spin Clean MK2.

- Spare pair for Spin Clean MK2

SCPB 60870032

REPLACEMENT ROLLERS



Replacement rollers for Spin Clean MK2 record cleaner.

SCRR 60870034

GROOVE WASHER RECORD CLEAN KIT

GROOVEWASHER



Superior record cleaning performance with classic style.

- Hand painted solid Poplar wood handle
- Instruction Manual
- G2 2oz mist spray fluid
- Record label protector mask
- Microfibre and absorbent fabric cleaning pad
- Available Colours: Red Hot Red, South Beach Green & Walnut

●	GWRCR	60870080
●	GWRCSB	60870082
●	GWRCW	60870084

G2 RECORD CLEANING FLUID KIT

GROOVEWASHER



GrooveWasher G2 Fluid is the result of years of research and testing.

- 1x 2oz Mist spray Bottle
- 1x 4oz Refill Bottle
- G2 Fluid Contains: Surfactants, Wetting agent, Emulsifiers & deionised water

GWG2KIT 60870086

WALNUT DISPLAY BLOCK FOR GW

GROOVEWASHER



Stylish walnut display block.

- Suits: GWRCW Record cleaning & GWSC1K Stylii cleaning kits
- Note: Cleaning kits sold separately

GWDB001 60870095

STYLUS CLEANERS

SC1 STYLUS CLEANING KIT

GROOVEWASHER



A necessary tool for your sound system.

- 90° angle brush
- Soft dense bristles
- Dome cut top
- SC1 Stylus Fluid in a 15ml dropper bottle

GWSC1K 60870090

REMOTE CONTROLS

SPARE REMOTES

REMOTE CONTROL FOR SRT4922B

STRONG



Replacement remote for Strong High Definition Digital Satellite Receiver (SRT4922B).

SRT4922BREM 01000827

REMOTE TO SUIT DSD4121RV

ALTECH UEC



Suits all Altech UEC VAST set-top box and PVR models.

RCU4UECSAT 01000862

RESI-LINX FOXTEL IQ REMOTE

resi-linx



Operates Australian Pay TV set top box (cable/satellite).

- No programming or set up required
- Built-in LED to show acknowledgement of IR commands
- For use with resi-linx® range of AV distribution equipment as a spare
- Powered by 2x "AA" batteries (not included)

RLACC140 37164905

F110 & F120 FOXTEL REPLACEMENT

ONE FOR ALL



- Ready to operate Foxtel IQ
- 16:9 key for quick wide screen selection
- Simple instructions for quick and easy set up
- Supports PVR functions like on demand, pause and replay
- Manual included
- Batteries included

URC1669 37164957

UNIVERSAL REMOTES

2-IN-1 UNIVERSAL REMOTE

Remote Master 820.



- Replace 2 remotes (TV and Digital Satellite Receiver)
- Simple key arrangement
- Volume control punch through functions
- Set up by code-entering or upgraded automatic search
- Dimensions: 13.0(L) x 5.5(W) x 3.0(H)cm

RM820 37164866

8-IN-1 UNIVERSAL REMOTE

odrok



Odrok Universal Remote can operate up to 8 devices, it has learning function and over 800 brands pre-programmed!

- Can operate up to 8 devices
- Easy to use and simple to set up
- Small LCD Screen for ease of use
- Has learning function & pre-programmed for over 800 brands

450020 37169017

BIG BUTTON TV REMOTE CONTROL



- Preloaded with codes for all the major brand TVs

AR1962 37169021

SMARTPHONE CONTROLLED IR

KlikR



Organize all devices in your home via your smart phone.

AR1956 37169024

HARMONY 650 COLOUR LCD REMOTE

Logitech



A colour-screen universal remote that brings you showtime in no time.

- Colour screen
- Guided online setup
- One-click activity buttons: No more complicated lists
- Replaces 5 remotes: It's easy to say good-bye to that jumble
- Live support: If you have any questions

HAR650 37169037

HARMONY 350 UNIVERSAL REMOTE

Logitech



Combine up to 8 remotes in 1 – control your TV, cable or satellite box, DVR, Blu-ray player, sound system and more.

- World's most compatible - Harmony database of 270,000+ devices
- One-touch entertainment
- 5 programmable favourite buttons
- Get started in minutes

HAR350 37169046

HARMONY ELITE HOME CONTROL

Logitech



Integrated control of both home entertainment and home control devices.

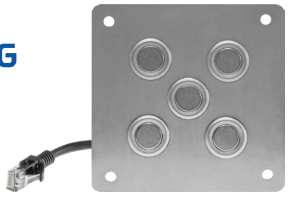
- Combine your entertainment, lighting, blinds, locks, and more to create unique experiences
- Harmony App turns your iOS or Android smartphone or tablet into a personal universal remote
- The included Harmony Hub sends commands from the remote or the app using IR, Wi-Fi or Bluetooth wireless signals

HARELITE 37169055

COMMERCIAL REMOTES

VANDAL PROOF IR REMOTE PANEL

RPG



Extremely durable TV control panel for volume, channel and power.

- A custom remote solution designed primarily for prisons and public spaces
- Provides a vandal-proof IR remote solution allowing for easy operation of TV sets
- The panel is custom programmed to match your original TV remote and provides 5 buttons
- See online for full product information including the ordering process

CRM51 37165000

PHILIPS LCD TV MASTER REMOTE

PHILIPS



Set-up remote control for easy install and configuration of Hotel TVs.

- Same functionality as the superseded Green Philips remote

22AV8573 43095095

IP TO IR / RS232 CONVERTERS

ITACH TCP/IP TO IR CONVERTER



Control Infrared devices over a network and the internet.

- Power Adaptor included
- 1x IR Blaster included
- 3x IR emitters included
- 3x Independent selectable IR outputs or sensor inputs

IP2IR 37164670

ITACH TCP/IP TO SERIAL (RS232) CONVERTER



Control Infrared devices over a network and the internet.

- Power Adapter included
- 100/10 Base-T Ethernet Protocol
- Adheres to TCP, DHCP and HTTP Standards
- Power and RS232 (Serial) Connectivity Indicators

IP2SL 37164675

ITACH TCP/IP TO CONTACT CLOSURE CONVERTER



Seamlessly connect, monitor, and control relay activated devices over a network and the Internet.

- Power adapter included
- 3x Integrated contact closure relays
- 100/10Mbits Ethernet Protocol
- Adheres to TCP, DHCP and HTTP standards
- LED indicators for power and all connectors

IP2CC 37164680

FLEX IP WITH POE



Connect any device to any network instantly.

- Connects most electrical devices to a IP network instantly
- Access, monitor, automate, and control standalone equipment
- Web-based control protocol using HTTP
- 4 conductor Flex Link Port allows for versatility using Flex Link cables
- Built-in IR learning and access commands to cloud-based IR database

FLEXIPP 37164685

IR REMOTE EXTENDERS

USB POWERED IR EXTENDER

REMOTEMASTER



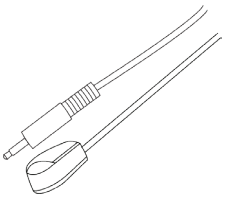
USB powered IR Repeater is the simplest solution for allowing you to use your existing infrared (IR) remote to control a single set top box.

- Plug & Play USB powered IR extender
- PLASMA/CFL/ LCD/LED/FOXTEL
- Infrared frequency bandwidth: 30-60KHz

IRE-30601 37168500

TWIN IR EMITTER

BLUSTREAM

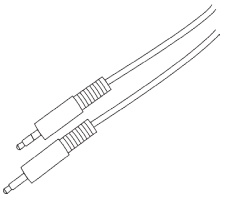


- Replacement emitter for Blustream IR

IRE2 37168508

3.5MM MONO- 3.5MM STEREO PLUG

BLUSTREAM



3.5mm Mono to 3.5mm Stereo Cable (12V to 5V).

IRCAB 37168512

MINI INFRA RED RECEIVER

forté ABUS



Mini infrared receiver.

- Includes Black, White and Silver cover
- Broad spectrum frequency
- Status and talk back LED
- 90° angle
- 5-30m range

IRR450 37168550

INFRARED RECEIVER BARREL

forté ABUS



Infrared barrel receiver.

- Dual frequency
- Ships with black, white and brass rings
- Plasma and sunlight resistant
- Status and talk back LED
- 5-30m operating range
- Talk back and Status LED

IRR600 37168555

SINGLE ZONE PASSIVE IR BLOCK

forté ABUS



IR passive connecting block.

- 5x Emitter ports
- Signal attenuation
- Includes power supply
- Second power supply required for Status

IRC135 37168560

MINI INFRA RED EMITTER

forté ABUS



Single or double infrared emitter.

- Low profile
- Comes with Blank out cover(s)
- 4 spare double sided tape labels and stick tack

Single	IRE110	37168565
Dual	IRE120	37168570

COMPACT IR REPEATER KIT



Hide your AV equipment in a cupboard or rack without losing the ability to control them with their remote controls.

- Quick and simple installation
- Four amplified emitter output connections
- Convenient IR confirmation LED
- Compact size for mounting near equipment
- IR receiver and emitters supplied
- Compatible with Foxtel iQ2

PRO1326 37168700

TUBE IR TARGET FOR PRO1326



Flush/surface mount IR Receiver for PRO1326 (only).

- Foxtel iQ2 Compatible
- Overall length: 23mm
- Diameter: 16mm
- Thread diameter (mounting hole): 12.5mm

PRO1330 37168702

WIRELESS IR REPEATER SYSTEM



Compatible with all universal full band carrier frequency infrared remote.

- Better IR receive sensitivity (distance), over 7m
- Digital encrypted function ensures safety and reliability
- 915MHz RF technology to ignore current 433MHz RF-interference
- Long range 915MHz

PRO1369 37168708

IR REPEATER KIT



Connects IR receivers, power supply and emitters together to interface the IR system to the audio/video components.

- Six emitter output connections
- Convenient IR confirmation LED
- Status power receptacle with LED indicator
- Compact size for mounting near audio equipment

PRO1183 37168730

PRO2 IR REPEATER WALL PLATES



IR repeater wall plate kit connects the IR connecting block, IR receiver, IR emitter, and power supply together to interface the IR system to Audio/Video components.

- Three emitter output connections
- Convenient IR confirmation LED
- Status power connector with LED indicator

PRO1255 37168731

DUAL IR EMITTER



Control two devices from one output on your IR distribution module.

- For use with Connecting Blocks and Home Automation controllers
- Round shape, with elegant compact size
- Infrared diode is built-in transparent housing
- 10 feet cable length

PRO1142 37168732

SINGLE IR EMITTER



This single IR emitter has a self-adhesive pad that allows it to be stuck directly to the IR sensor window of your audio/video equipment. This configuration gives you the highest level of signal transmission accuracy, continues to allow external IR signal through (so that you can still use your remote by directly pointing it at your audio/visual component).

- For use with Connecting Blocks and Home Automation controllers
- 10 feet cable length
- Round shape, with elegant compact size
- Infra-red diode is built-in transparent housing

PRO1141 37168733

SURFACE MOUNT IR RECEIVER



Receives IR signals from a handheld IR remote control and relays this signal to the audio/video equipment for operation from another room.

- CFL friendly – allows installation in areas with compact fluorescent lighting
- Blue IR confirmation LED
- 3m cable with 3.5mm stereo mini plug

PRO1178A 37168734

IR OVER COAX SYSTEM



This kit allows IR signals to be inserted onto a coax cable in one location and extracted from coax on another location.

- Creates an IR system with existing wiring
- Power 4 IR receivers with one power supplied (included)
- Quick and easy installation

	PRO1188A	37168736
Spare receiver	PRO1188AS	37168737

IR REPEATER SYSTEM



The resi-linx® RL-IR100 is a Plasma Friendly Hard Wired Infrared repeater kit for use in DIY & /or custom installations, to control an A/V device at a remote location (up to 2.7m).

- Fully Foxtel Approved F30535
- Built-in LED to show acknowledgement of IR commands
- Junction Box is compact and lightweight

RLIR100 37168740

4-PORT JUNCTION BOX



Compact Distribution Module for use in resi-linx® NEW 'linx-IR' Discrete Infrared system, with RL-IR505 (Receiver Module and Flat Target). Advantage of Discrete IR control of specific AV devices from each zone, ideal where two of the same AV devices are installed in the one area.

- Frequency Range: 20kHz-200kHz
- Power Input: 12V DC 500mA Switch Mode
- Foxtel Approved: F30543 for domestic fit off
- Cable Requirement: UTP cable
- Max. Cable Length: Up to 60m
- Max. Targets per System: Up to 7 Targets

RLIR305 37168745

IR TARGET & JUNCTION BOX



Receiver Module for use in resi-linx® NEW 'linx-IR' Discrete Infrared system with RLIR305 (Distribution Module) and RL-IR700 (single) or RL-IR800 (double) Emitter.

- Frequency Range: 20kHz-200kHz
- Cable Length Included: 1.75m
- Max. Targets per System - incl. RL-IR305: Up to 7 Targets
- Max. Cable Length: Up to 60m
- Max. Target Reception Distance: Up to 10m
- Foxtel approved F30544 for domestic fit off

RLIR505	37168748

IR FLAT TARGET FOR COAX SYSTEM



The resi-linx® RL-RF210 is a sleek and unobtrusive "Plasma Friendly" Flat IR Target for use in the resi-linx® range of RF IR Video Distribution system.

- Flat IR Target
- LED Recognition

RLRF210	37168780

IR EMITTERS



A head blaster-type IR emitter for AV equipment.

- Emitter strength: Up to 200mm away from IR receiver
- Cord length: 1.75m
- Connectors: 3.5mm mini mono jack
- Emitter type: Blaster

1.75m	Single (Foxtel Approved)	RLIR700	37168755
1.75m	Dual	RLIR800	37168760

IR EMITTER SHIELD



IR Emitter Shield for use with RL-IR700/800 emitters. Accurately projects signal when used in Discrete IR installations.

- IR Emitter shield for use with RL-IR700/800 emitters
- Accurately projects signal

RLACC160	37168762

IR RECEIVER TUBE

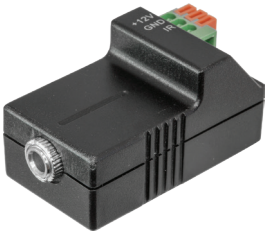


The Dual Band IR Receiver Tube receives IR signal from a handheld IR remote control and relays this signal to the audio/video equipment for operation from another room.

- Blue IR confirmation LED
- Wide band IR receives IR from many types of remotes
- 3 metres cable with 3.5mm stereo mini-plug

PRO1292	37168805

IR RECEIVER ADAPTOR



Extend your IR control system with IR receiver adaptor.

- Easy to install
- 3.5mm modules to connect to UTP cable
- Spring Clamp Terminal Block
- Wire range: 20-26 AWG

PRO1294B	37168807

6M IR EXTENSION LEAD



- Cable Length: 6m (20ft)

PRO1297	37168815

IR OVER RF TRANSCEIVER



Allows your existing remote to control equipment anywhere inside or outside the house.

- Transmits the remote control signal with radio frequency
- Transmission distance up to 30 metres through walls
- Transmitter is installed in the battery pocket
- Works with most "AA" & "AAA" powered remotes
- Simply replaces battery in your remote

	RE03	37169670
6-Eye emitter extender 2.4m cable	IR2RF6E	37169656

TRANSMITTER & BATTERY PACK



Complete accessory pack for the RE03 IR over RF kit.

- Batteries and transmitters
- IR emitter cable

RE04	37169672

IR REMOTE CONTROL WIRELESS EXTENDER





The Pro2 IRE12 transmitter takes the standard IR signal from your existing remote controls and converts it to the more powerful and reliable RF frequency which can pass through walls and objects!

- Maximum range: 50m line-of-sight
- 433.92MHz operating frequency
- Compatible with Foxtel iQ2

	IRE12	37169700
Spare IR transmitter	IRE12SPT	37169702

DC BLOCKER TO FILTER DC

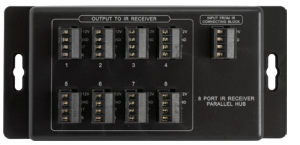


The RL-ACC130 is used to prevent unrequired voltages passing to AV devices on any TV output of RL-RF320 splitter, where an IR target is not used.

- Connections: 1x F-connector
- Dimensions: 33(L) x 10(W)mm
- Blocking voltage: 10-22V

RLACC130	37169723

8-PORT IR RECEIVER HUB



- Distribute infrared signal from the IR repeater (PRO1183) to up to eight receivers
- Screw terminals handle wire sizes form 24 to 12 gauge
- Large detachable terminal block (supplied) for quick and easy installation in structured wiring cabinet

PRO1256	39894134

WIRELESS SENDERS

AV SENDERS

5.8GHZ WIRELESS AV/IR SENDER



Healing AVS580 AV sender.

- Compatible with Pay TV IR signals. (Including FOXTEL IQ2)
- Easy to install – ideal Plug and Play AV transmission
- 8x 5.8GHz selectable channels
- Infrared emitter extender with self adhesive pad
- LED indicates IR transmission activity

HVS580 64600195

FULL HD WIRELESS HDMI SENDER



This Wireless AV Sender with IR Extender transmits 1080p Full HD HDMI signal up to 30m.

- 5GHz digital transmission
- Bandwidth: 10.2Gbps
- Complies with: HDMI1.3 & HDCP 1.2
- HDMI Resolutions: up to 1080p @ 50/60Hz
- Latency: ≤ 200ms
- Power: 5V DC @ 2A

AR1908 64600263

WIRELESS HDMI SENDER



The VE809 HDMI Wireless Extender extends your HDMI display up to 30m from the HDMI source using wireless technology.

- Wirelessly extend an HDMI display up to 30m from the HDMI source
- Setup two HDTVs and view HD content on two HDTVs simultaneously
- Wireless 3D Supported
- Superior video quality 480p, 720p, 1080i and 1080p
- Connect and transmit wireless video content from your Foxtel IQ2 box, Blu-ray DVD player, HD Cable box or other HDMI device wirelessly
- Wireless HD in Full 1080p and 5.1-channel digital audio
- Keep home theatre electronic devices neatly out-of-sight

VE809 64600255

MULTICAST HDMI WIRELESS SENDER



Connect 2 HDMI inputs to 5 HDMI outputs wirelessly.

- Range: up to 30m
- 3D supported and HDCP compatible

VE849 64600190

WIRELESS HDMI SENDER 5-SOURCES



Wireless transmission of full uncompressed HD videos up to 30m for two HD TVs.

- Switch and independently select any of 5-sources (4x HDMI, 1x Component) between 2 HD TVs
- Supports full uncompressed HD, 1080p, 3D content and 5.1-channel digital audio
- USB HID ports on Transmitter and Receiver units enable wireless keyboard connectivity to control attached computers/laptops
- HDMI (3D), HDCP compatible

VE829 64600211

WIRELESS 1080P HDMI SENDER KIT



Transmit HDCP compliant 1080p HDMI AV signals via the 2.4GHz band as well as allowing you to control your IR devices.

- Adaptive and dynamic compression rates for best picture quality and low latency
- 1 IR extender function (38KHz and 56KHz)

WHDMI24 64600270

AUDIO SENDERS

2.4GHZ SUBWOOFER TRANSCEIVER



2.4GHz Universal Wireless Audio Subwoofer Kit.

- Equip your home theatre system with a wireless subwoofer
- Compact size
- Wireless range of up to 30m
- 2.4GHz digital wireless link provides crystal-clear audio signals
- 34-channel selection for interference free operation

UWA-SB 39894415

2.4GHZ SPEAKER TRANSCEIVER KIT



2.4GHz Universal Wireless Audio Subwoofer & Speaker Kit.

- Equip your home theatre system with a pair of wireless rear speakers as well as a subwoofer
- Wireless range of up to 30m
- CD-quality, 16-bit/48kHz uncompressed signal transmission
- 34-channel selection for interference free operation
- Easily add a 2nd audio zone without a worry

UWA-S 39894410

WIRELESS SUBWOOFER KIT



Run your sub wirelessly to your YSP5600BSW soundbar.

- Simple set-up: No "pairing"
- Designed to work with the YSP-5600
- Uncompressed linear PCM for great sound
- Compact easy to install

SWKW16 39894418

WIRELESS TRANSCEIVER



- Frequency range of 2400 to 2528MHz
- Stereo audio input and output (3.5mm stereo outlet)
- USB connection supports power and audio source
- High level input 0.5V to 17V RMS

SWAT2.4X 39894422

IPOD & IPHONE4 FM TRANSMITTER



Play your music wirelessly through your car/ home FM stereo, simply changing the channel by pressing the key & recharge as you set out for the musical journey ahead.

- Stylish and elegant chrome design
- Pocket size and light weight to carry
- Transfer your music through the FM stereo wirelessly
- Simply press the button to adjust over 200 FM channels
- Comes with DC charger to charge your iPods and iPhone 3G on the go

FM188AB 64600370

IPOD/IPHONE FM TRANSMITTER

Aerpro



DC iPod & iPhone car charger with in-built cradle, LCD display and flexible metallic gooseneck for various viewing angles.

- Line in cable and support frames supplied
- Charge to iPod
- Supports various iPod players
- Fitted with cigarette lighter plug for easy connection into any 12V Socket
- FM 87.5 ~ 108MHz total 206-channel
- High definition and fashion LCD display monitor

ADM1501	64600390

IPHONE5 FM TRANSMITTER



iPhone5 charger.

- 3.5mm jack for audio streaming over FM radio band
- Built-in microphone allows hand-free phone calls
- USB charger

AR3127	64600395

PRESENTATION SYSTEM

AIRLINK WIRELESS PRESENTATION KIT

Pro.2 Providing AV Solutions



The AIRLINK002 is a wireless presentation kit with two USB-button dongles for collaboration and huddle spaces.

- PC/MAC compatible
- Share content from laptops or mobile devices to a communal presentation screen
- Fast and simple switch between sources using USB-button dongle
- Base unit can support up to 14 dongles max.

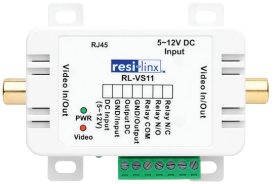
	AIRLINK002	64600410
Spare Dongle (2-pack)	USDB002	64600412

AV SELECTORS

ANALOGUE AV SELECTORS

UNIVERSAL VIDEO SENSOR

resi-linx



Compact universal Video Sensor.

- Connect to the EAS Control terminals of HD4001 to override broadcast transmissions
- Use to either trigger a Voltage Output or Dry Contact Relay on sensing of video signal
- Supports composite and component video inputs and pass through
- Can be powered remotely, or by 5V DC output of Video Extender
- Philips Pronto approved

RLVS11	08874002

2-WAY COMPOSITE AV SELECTOR

Pro.2 Providing AV Solutions



Switch between two composite video and stereo audio sources.

- Easy push-button operation
- Channel separation: 60dB @ 1kHz
- Cross-talk: 70dB @ 1kHz
- Dimensions: 135(W) x 50(D) x 32(H)mm

AV212	64530995

3-WAY COMPOSITE AV SELECTOR

Pro.2 Providing AV Solutions



3-in/2-out Composite AV Selector.

- Connect multiple AV sources to multiple destinations
- Easily switch between AV sources with the press of a button

AV313	64531002

4-WAY AV S-VIDEO SELECTOR

Pro.2 Providing AV Solutions



4-source inputs 1 video output.

PRO1048	64531006

DIGITAL AV SELECTORS

4K HDMI SWITCH WITH AUDIO BREAKOUT

BLUSTREAM



- Supports 4K UHD video
- Supports 3D signal display
- HDMI audio breakout to analogue L/R audio and Coaxial digital outputs concurrently
- Control via front panel and IR (remote control included)
- Advanced EDID management
- HDCP compliant

2-way	SW21ABV2	64537920
4-way	SW41AB-V2	64537922

2-WAY AUTO HDMI STANDBY SWITCH

KRAMER



Auto HDMI standby switch.

- 2-in/1-out
- HDTV compatible
- HDCP compliant
- Advanced Auto switching
- 3D and EDID pass through
- Dip switches for Auto mode

VS211HA	64537965

2 HDMI + 1 MINI HDMI SWITCHER

CONNEXIA



Allows user the plug in 3 devices (DVD, game console etc.) into the one HDMI input on a TV.

55080	64538006

3-WAY HDMI SWITCH + AUDIO

Pro.2 Providing AV Solutions



3-in/1-out HDMI switch with audio extraction.

- Connects up to 3 HDMI devices to 1 display
- Supports 4Kx2K, 1080p & 3D

HDMI3S4K	64510370

3-WAY TOSLINK DIGITAL AUDIO SWITCH



Switch between three input optical fibre channels and output to your TV or sound system.

- Audio format support: LPCM2.0/DTS/Dolby-AC3
- Support signal retiming
- Used optical fibre cable loss less than 0.2dB/m, output distance is up to 40m
- The input control can either by remote or directly press the button

PRO1376	64538019

MINI HDMI SELECTOR



Connects up to three or five HDMI sources to one HDMI display device.

- Maintains 480p, 720p, 1080i and 1080p video formats
- Maintains highest HDMI single link video resolution and digital audio signal
- Supports 3D & HDCP
- No power supply required for short HDMI runs!

3-way	HDMI3SM	64538007
5-way	HDMI5SM	64538009

4-WAY MULTI FORMAT VIDEO TO HDMI



Multi format to HDMI controller.

- HDTV compatible
- Automatic input selection
- HDCP compliant
- Lockable EDID

SIDX3N	64537960

4-WAY HDMI QUAD MULTI VIEWER SWITCH



The high performance HDMI 4x1 quad multi-viewer.

- HDMI 1.4b, HDCP 1.4 and DVI compliant
- Up to 1080p@60Hz video resolutions
- Audio supports LPCM 2/5.1/7.1CH, Dolby 5.1CH, Dolby True HD, DTS-HD
- Quad multi-viewer with five display modes supported

HD41QMV	07350810

4-WAY OPTICAL SWITCH WITH DAC



Advanced 4-way optical audio switch.

- 4x optical SPDIF digital inputs
- Single optical output
- DAC converts selected optical digital to analogue left/right stereo audio output
- Outputs optical digital, coaxial digital and analogue left/right stereo audio concurrently
- IR receiver on front panel to switch inputs and turn On / Off audio outputs using supplied IR remote
- External IR input can be used to extend IR with Blustream IR receiver cable

OPT41AU	64550150

7-IN 2-OUT MULTI FORMAT SWITCH



Ideal solution for commercial installations.

- Built-in video scaler
- Audio embedder/de-embedder
- Advanced EDID management
- Supplied with IR receiver and IR link cable
- Control via front panel, IR and RS-232
- HDCP compliant

MFP72	64537915

11-IN 2-OUT MULTI FORMAT SWITCH



Multi-format presentation switcher within-built video scaling, audio embedding, de-embedding.

- EDID management
- HDBaseT™ input and output
- Splitter mode
- Matrix Switcher mode
- Control via front panel, IR, RS-232 and TCP/IP
- HDCP compliant

MFP112	64537918

MATRIX SWITCHES

4X2 HDMI 18GBPS VS184B VS184BV SWITCH



The 4x2 HDMI 2.0 Matrix Switcher.

- HDMI2.0b, HDCP2.2/HDCP1.4 compliant
- Supports pass-through audio up to 7.1-channels of High Definition audio(LPCM, Dolby TrueHD, and DTS-HD Master Audio)
- Up to 4K2K@60Hz (4:4:4) on all HDMI ports

HDMIMX42V2	64510199

4K HDMI MATRIX SWITCHER



4K Matrix switch.

- Audio Breakout & EDID Con
- RS232 & IR controllable

4x2	Dolby Atmos	MX42AB	64510215
4x4		MX44AB	64510220

4X4 4K HDMI/VGA MATRIX SWITCH



4x4 matrix with video wall controller and multi viewer feature.

- 4 HDMI / VGA Video inputs configurable
- Multi-viewer mode with preset layouts
- Seamless video switching
- Advanced EDID management
- IR Routing
- RS-232, IR & TCP/IP Control
- 4K, 3D & HD audio

MX44VW	64537934

4X4 4K HDBASET MATRIX KIT



Contractor 4x4 HDBaseT™ Matrix Kit.

- Advanced HDBaseT™ technology
- 4x HDMI inputs routable to 4x HDBaseT™ outputs
- Output 1 features simultaneous HDMI and HDBaseT™ output
- Supports 4K UHD video up to 40m
- Extends HDMI up to a distance of 70m over single CAT cable
- Advanced EDID management
- HDCP 2.2 compliant

C44KIT	64510222

4X4 HDBASET MATRIX KIT



- HDBaseT™ Lite for the output distances up to 70m
- Matrix can power the remote receiver, POC
- Any HDMI display can view any HDMI source
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Advanced EDID management
- TCP/IP, RS232 & IR controllable
- Front-panel LCD display for status feedback

	HMXL44KIT	64510245
Remote to suit HMXL44	REM44	64510247

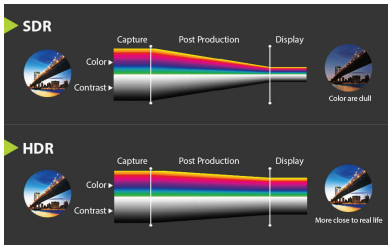
Be Sharper, More Vibrant

ATEN True 4K Series with HDR



Why ATEN's True 4K series with HDR?

The increasing popularity of High Dynamic Range (HDR) technology is giving displays an upgrade in terms of contrast and color depth, delivering much more vivid video than SDR, as you can see in the comparison below:





To ensure delivering the best quality HDR video signals, ATEN fully tested our True 4K Series with HDR to meet the following requirements:

1. Supports enough bandwidth for HDR content *
2. Supports comprehensive EDID settings to ensure output capability
3. Transmits complete InfoFrame data

* Bandwidth depends on the color sampling and color depth of your video signals.

Recommended Products

VM0404HB/VM0808HB 4 x 4 / 8 x 8 True 4K HDMI Matrix Switch



- Up to True 4K (4096 x 2160 @60Hz 4:4:4)
- HDR (VM0404HB, VM0808HB)
- EDID Expert
- HDCP2.2 (VM0404HB, VM0808HB, VM0808HA)
- Remote Control: Web GUI, IR, Serial, Telnet
- Rack mountable

* Feature support varies by model

Splitters VS0108HB

Distribute True 4K content to 8 displays.



Switch VS0801HB

Easily switch between eight True 4K sources



HDMI Cable 2L-7D03H

High quality tinned copper wire to resist interference. Gold-plated connectors.



Active Optical Cable VE7835

Detachable head to support both HDMI and micro-HDMI.



ATEN ANZ PTY LTD
Suite 3.19, 32 Delhi Road, Macquarie Park, NSW 2113, Australia
Website: www.aten.com/au/en Email:sales@au.aten.com Phone:+61-2-9114-9933

4X4 HDMI HDCP2.2 MATRIX SWITCH

BLUSTREAM



- 4x HDMI inputs (independently rout-able) to 4x HDMI outputs
- Supports HDMI 2.0
- Transmits HDMI resolutions up to and including 4K 60Hz 4:4:4
- Control via front panel, IR, RS-232 and TCP/IP
- Advanced EDID management
- HDCP2.2 compliant
- Supports 3D, Dolby TrueHD, Dolby Atmos, Dolby Digital Plus & DTS-HD Master Audio transmission

MX44ABV2	64510272

4X4 HDBASET MATRIX SWITCH

avgear



3 HDBaseT™ outputs, distances up to 70m at 1080p and 40m at 4Kx2K on a single CAT6.

- Supports HDMI 1.4 & HDCP 2.2
- Supports manual HDCP management and auto-detection
- Powerful EDID management

CSK4K44	64510275

4X4 HDBASET HDCP2.2 MATRIX KIT

BLUSTREAM



- HDBaseT™ Lite for the output distances up to 70m
- Matrix can power the remote receiver, POC
- HDCP2.2 compliant
- Any HDMI display can view any HDMI source
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Advanced EDID management
- TCP/IP, RS232 & IR controllable

HMXL44KIT-V2	64510280

4X4 HDMI MATRIX

Pro.2



Displaying any one of the 4-sources to any one of the 4 displays.

- Support 2x2 video wall mode
- Seamless switching ensures no switching delay and pictures loss
- Support high definition resolutions
- Remote control via IP/remote/RS232 port

HDMIMX4422	64510360

4X4 HDMI MATRIX AV SWITCH

ATEN



The VM0404H is a 4x4 HDMI Matrix Switch that provides a convenient way to route high definition video and audio from any of four HDMI sources to any of four HDMI displays.

- HDCP compliant
- HDMI CEC compliant
- Supports 12-bit Deep Colour for HDMI formats
- Supports Dolby True HD and DTS HD Master Audio
- Up to 60Hz refresh rate
- Long-distance transmission – up to 20m (24AWG) and 15m (28AWG)

VM0404H	64538500

HDBASET AV MATRIX

BLUSTREAM

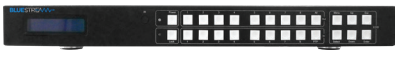


- Advanced HDBaseT™ technology
- Simultaneous HDBaseT™ and HDMI outputs to allow connection to dual displays per zone
- Extends HDMI up to distance of 100m@1080p over single CAT cable
- Supports 4K UHD video up to 70m
- Bi-directional IR from all input and output locations
- Advanced EDID management
- Supplied with Blustream IR receivers, emitters and RS-232 control cable

6X6	70M	PLA66LV2	64510262
6X6	HDCP2.2	PLA66ARCV2	64510266
8X8	70M	PLA88L-V2	64510255
8X8	HDCP2.2	PLA88ARCV2	64510258

8X8 HDBASET MATRIX SWITCHER

BLUSTREAM



Same as the HMXL88, but with HDCP 2.2, Web GUI, Line Level Volume Control added.

- Output distance up to 70m
- Advanced HDBaseT™ technology with zero latency
- 8x HDMI inputs can be independently routed to 8 outputs (6x HDBaseT™ + 2x HDMI)
- Dolby TrueHD and DTS-HD master audio pass through
- Bi-directional IR from all input and output locations
- Power over HDBaseT™ to power compatible HDBaseT™ receivers
- HDCP 2.2 compliant

HMXL88V2	64510253

8X8 HDBASET MATRIX SWITCHER

BLUSTREAM



- Output distance up to 70m
- Matrix can power the remote receiver
- Dolby TrueHD and DTS-HD master audio pass through
- Full 3D pass through
- Advanced EDID management
- Front-panel LCD display for status feedback
- IR remote, RS-232, and TCP/IP control

HMXL88	64510250
Remote to suit HMXL88	REM88	64510252

8X8 HDMI 4K MATRIX

Pro.2



- Supports HDMI 2.0
- Bandwidth up to 18Gbps
- 8x HDMI input, 8x HDMI output with 8x SPDIF audio

HDMIMX88V2	64510337

AV CONVERTERS

CASSETTE ADAPTOR

CONNEXIA



Play CD, MP3 & DVD audio through any audio Cassette Player.

- Right-angle 3.5mm headphone jack connection
- Cable Length: 1.1m

55528	08874033

COMPOSITE TO VGA CONVERTER



Connect a composite video or S-Video source to a VGA display monitor.

- VGA loop through

XC4906	30251926

HDMI TO COMPOSITE WITH AUDIO



Supports NTSC and PAL systems.

- HDCP compliant
- HDMI 1.3 compliant
- Resolution up to 1080p

AC1720	30251933

VGA AUDIO TO HDMI CONVERTER

Pro.2 Providing AV Solutions



The VH03 up-scales VGA signals to 720p/1080p (user-selectable).

- Converts computer VGA video signal and audio to HDMI output
- Hardware conversion, plug and play without software or drivers
- LED power indication
- HDMI output: 720p or 1080p (output selectable via push-button)
- HDCP 1.1 protocol compliant

VH03 30251945

USB 3.0 TO HDMI ADAPTOR

Pro.2 Providing AV Solutions



USB 3.0 to HDMI adaptor.

- Uses USB 3.0 connector and also back compatible with USB 2.0
- Connects multiple displays to your PC
- Supports up to 2K resolution 2560x1440

USB3HDMI 30251949

HDMI TO VGA WITH AUDIO

kanex



AirPlay® Mirroring For VGA Projector.

- Convert HDMI signal from a (non-Apple) laptop to a VGA projector
- Input video signal: HD source
- Output video signal: VGA HDCP 1.2 Compliant
- Audio Output: 3.5-mm stereo mini-jack
- Resolutions supported: 480i/576i/480p/576i/720p/720i/1080i/1080p (50/60Hz)
- Cable length: 70mm
- No external power or AC adapter required

ATVPRO 30251950

HDMI TO VGA WITH AUDIO

DIGITECH



Converts HDMI to VGA and stereo audio outputs.

AC1784 30251957

VGA TO COMPOSITE RCA & SVIDEO



A compact and versatile device that lets you use your wide screen plasma or LCD screen as a computer monitor for gaming or presentation use.

- PRESENTATIONS: Ideal for both classrooms and conference rooms
- DOCUMENTATION: Capture computer images on video tape
- TRAINING: Allows for easy software training from a laptop to any television
- ENTERTAINMENT: Play VCD, DVD movies, and computer games
- Supports composite video and S-Video output
- Up to 1024x768 resolution
- Display on both PC and TV simultaneously

VGA2RCA 30251955

VGA TO HDMI MINI CONVERTER

Pro.2 Providing AV Solutions



The Mini VGA to HDMI converter.

- Video and audio in full digital HDMI format, no transmission loss
- Supports standard VESA VGA timing output
- HDMI output support up to 1920x1200@60Hz
- Provides advanced signal and processing with great precision colours

VH04 30251975

DIGITAL TO ANALOGUE STEREO AUDIO

Pro.2 Providing AV Solutions



- Digital inputs: TOSLINK optical or S/PDIF coaxial
- Analogue outputs: left and right
- Digital loopout

PRO1259 64550001

STEREO TO MONO AUDIO CONVERTER

McLELLAND



- 1x stereo input to 2 mono outputs
- Passive converter

SC2M 64550003

ANALOGUE STEREO AUDIO TO DIGITAL

Pro.2 Providing AV Solutions



This high quality converter converts simple audio signal with no degradation, and supports variable sampling rates for maximum fidelity.

- Digital audio output format: LPCM
- Input impedance: 47kΩ
- Digital outputs: TOSLINK optical or S/PDIF coaxial
- Analogue inputs: left and right stereo

PRO1262 64550010

DUAL DIGITAL AUDIO CONVERTER

Pro.2 Providing AV Solutions



Supports conversion of Coaxial to TOSLINK or TOSLINK to Coaxial.

- Input selectable via switch
- Supports multichannel audio
- Outputs on both output ports simultaneously
- Input: 1x Coaxial RCA Jack & 1x TOSLINK port
- Output: 1x Coaxial RCA Jack & 1x TOSLINK port
- Coaxial RCA Input impedance: 75Ω

PRO1287 64550015

DIGITAL/ANALOGUE AUDIO CONVERTER

Pro.2 Providing AV Solutions



- Digital Output Type: Coaxial & Optical
- Digital Input Type: Coaxial & Optical
- Digital Audio Output Format: LPCM

PRO1298 64550020

DOLBY DIGITAL 5.1CH TO L/R

Gefen



The Gefen TV Digital Audio Decoder takes audio encoded in Dolby Digital (at up to 5.1-channels) from your multichannel S/PDIF or TOSLINK digital audio source and converts it to L/R analogue.

- Coaxial and Optical digital input
- Right and Left RCA-type Stereo analogue output ports
- Frequency Response: 90dB (20Hz-20kHz A Weighting)
- Power Supply/Power Consumption: 5V DC / 5W max.
- Compact and easy to install
- Dimensions: 1.8"(W) x 1.8"(H) x 0.9"(D)

GTVDD2AA 64550030

USB-C MULTI PORT - HDMI OUT

MINIX Next Generation Computing



Unlock the full potential of your Apple MacBook.

- 2x USB 3.0 Type-A ports
- 1x USB Type-C port
- TF and SD card readers
- Available in Space Gray, Silver or Gold

●	NEOCGR	64550057
●	NEOCGO	64550058
●	NEOCS	64550059

TVI/AHD TO HDMI CONVERTER

DOSS®



- 1x looping TVI/ AHD output
- Max. output supports HDMI 1080p@60Hz

AHD2HDMI 64550062

SDI TO HDMI CONVERTER

DOSS®



Convert the output of your HD-SDI CCTV Camera or Device to HDMI for viewing on modern Full HD Monitors.

- SDI/HD-SDI to HDMI
- Equalized SDI/ HD-SDI Loop-out
- HDCP Compliant
- Supports 1080p @ 25/29.97/30/60Hz
- Uses 5V power

SDI2HDMI 64550065

USB TO DVI/HDMI/ VGA ADAPTOR

WAVLINK



Utilizing 5Gbps Super USB as a display interface.

- Easily connect additional monitors using a USB Cable
- Plug-and-play connectivity to DVI, HDMI, VGA Displays
- Mirror or extend a computer display workspace
- Quickly add up to six displays to as desktop or notebook with minimal configuration and without an additional graphics card
- Support up to 2K resolution displays 1920x1200 / 2048x1152 at 32-bit colour
- Backward compatible with USB 2.0
- USB powered, no power supply needed

UG35D6 64550070

USB3.0 DVI VGA HDMI ADAPTOR

WAVLINK



USB 3.0 or 2.0 compatibility.

- Dual Display Resolution up to 2048x1152 Pixels
- Primary / Extend / Mirror Video Mode
- Expandable up to 6 display units
- Supporting DVI-I / HDMI / VGA
- Build in USB 3.0 Gigabit Ethernet Adapter

UG39DH1 64550072

HDMI TO SDI CONVERTER

DOSS®



The HDMI2SDI takes Full HD HDMI video with audio and converts it to SDI for transport over up to 2x coaxial cables.

- Great for adding HDMI sources to SDI DVRs
- Full HDMI support including embedded audio

HDMI2SDI 64550075

HDMI TO COMPOSITE CONVERTER

Pro.2 Providing AV Solutions



This handy box converts HDMI into good ol' Composite and Analogue audio for connection to legacy AV equipment. Alternatively use it to connect an HDMI source to your TV that may have all its HDMI inputs in use!

- PAL / NTSC / Auto format switch
- Supports up to 1080p/60 HDMI input signals
- Will only convert Stereo PCM audio to analogue – will not work for digital multi-channel sources

HC01 64550085

DIGITAL TO ANALOGUE DECODER

Pro.2 Providing AV Solutions



High quality DAC converts S/ PDIF & TOSLINK (PCM, DTS, & Dolby formats) to Stereo Analogue.

- Dual power input: USB or DC Adaptor
- 3.5mm and 2x RCA Outputs
- SNR: 120dB
- Dimensions: 72x55x20mm

DAC212 64550090

DIGITAL AUDIO DECODER

Pro.2 Providing AV Solutions



High quality DAC Converts digital multi-channel audio (PCM, DTS, & Dolby) to 5.1CH Analogue Output.

- Convert DTS/AC3 source digital audio to analogue 5.1ch audio output
- Expand 2.0CH Analogue audio up to 5.1CH
- Input ports: 2x TOSLINK, 1x Coaxial, 1x 3.5mm Stereo
- Outputs: 6x RCA (L / R / C / RL / RR / SW)
- Signal to Noise: 120dB
- Dimensions: 105x75x25mm
- Power Supply DC/9V 1A

DAD51 64550095

HDMI TO DVI+AUDIO CONVERTER

Pro.2 Providing AV Solutions



Converts HDMI to DVI & extracts audio signals in both digital and analogue formats.

- Supports up to 1080p/60Hz
- No drivers required; plug and play
- Converts HDMI to DVI-D Digital Video Signal
- Outputs stereo analogue audio (PCM to Analogue conversion only; no Dolby or DTS Decoding)
- Also outputs Coaxial digital (S/PDIF)
- 5V DC Power Supply included

HD02ECO 64550100

COMPOSITE TO HDMI CONVERTER

Pro.2 Providing AV Solutions



- Input: 3RCA
- Output: 1HDMI

AV2HDMI 64550106

PAL TO NTSC DUAL WAY CONVERTER

Pro.2 Providing AV Solutions



Convert all composite formats to PAL or NTSC (selectable via switch).

- Included audio through for neat installation

PNC616 64550110

MULTI REGION KIT SUITS OPPO



A DIY installation to make 'regioned' Blu-ray discs in multi-region discs.

- Installation requires plugging the chip into a connection on the motherboard
- Easy access to the motherboard on the UDP-203
- UDP-205 requires removal of 2 circuit boards
- DVD region setting is automatic
- Changing Blu-ray region is done by remote

UDP20X 64550112

1080P FULL HD TO 4K SCALER



If your 4K TV manufacturer skimped on the built-in scaling chipset, then your hi-res panel is going to waste! Take full advantage of your 4K panel and use the SC4K2K to do the up-scaling for you!

- 1080p to 4K HDMI scaler
- 4x user selectable operating modes
- 3D 1080p pass-through modes
- Audio extraction via TOSLINK/optical socket
- Full CEC pass-through

SC4K2K 64550115

5-INPUT MINI SCALER TO 1080P



Output resolution up to 1080p & 1920x1200.

- VGA is compatible with YPbPr & C-video
- Audio is selectable from HDMI embedded or external
- Controllable via buttons, IR & RS232
- Auto switching function
- CEC control function
- Firmware updatable via USB

SC51D 64550122

5 AV INPUT HDBASET SCALER



A HDBaseT™ scaler switcher with 5x Video, 5x Audio & 1x Mic inputs. Capable of scaling & switching any video signal to HDMI and HDBaseT™ outputs simultaneously.

- VGA is compatible with YPbPr & C-video
- Auto switching function
- CEC control function
- Supports online software upgrades
- Controllable via buttons, IR & RS232

SC51T 64550124

HDMI 4K HDCP2.2 DOWN SCALER



HDMI 4K down-scaler for installations with multiply displays.

- Supports 4K UHD video input (3840 x 2160 @30Hz)
- HDCP2.2 compliant
- Supports all known HDMI audio formats
- Advanced Edid management

SC11HD 64550128

DIGITAL TO ANALOGUE CONVERTER



Converts Coaxial or Optical signals from digital signal to analogue stereo audio.

- Simultaneous Analogue and Digital Output
- Converts Optical audio in to a Coaxial digital output
- 32kHz, 44.1kHz, 48kHz, 96kHz & 192kHz up to 24-bit resolution
- Simple Plug and Play

DAC12AU 64550132

ANALOGUE TO DIGITAL CONVERTER



Convert left/right analogue stereo audio into either coaxial or optical digital.

- Both digital outputs are output simultaneously
- The ADC11AU converts to 16-bit 48kHz digital audio for enhanced sound reproduction
- Plug and Play solution
- Mounting kit included

ADC11AU 64550135

DIGITAL AUDIO CONVERTER



Designed to convert digital audio signals from coaxial or optical inputs.

- Outputs are simultaneous so audio can be distributed to multiple locations
- 192kHz sample rate
- Optical to optical and coax, or, coax to optical or coax
- Plug and Play solution

DIG11AU 64550140

HDCP2.2 TO HDCP1.4 CONVERTER



- Support 4Kx2K@60Hz, YUV 4:2:0
- Support audio format Dolby, DTS, LPCM

HDCP2214V2 64550157

HDMI TO VGA CONVERTER



Convert HDMI input to RGB HV/YPbPr/ YCbCr output with a 15-pin HD-sub (VGA style) jack.

- Two digital HDMI 19-pin ports
- Two channel input can be switched easily
- Choose RGBHV or Component (YPbPr/ YCbCr) output with a switch
- RGB 4:4:4 (8-bit) digital input
- YPbPr 4:4:4 or YCbCr 4:2:2 digital output

HVY02 64550185

ADVANCED HDMI 2.0 - 2.2 SIGNAL



Great HDMI management tool to keep in the van.

- Solves most HDMI EDID, HDCP, compatibility and handshaking issues
- Supports full HDMI 2.0 specification 4K UHD video
- HDCP 2.2 compliant
- HDMI audio de-embedded to both analogue L/R audio and coaxial digital outputs concurrently
- Supports CEC bypass
- Embed analogue L/R 2CH audio input onto HDMI output
- Extract audio with or without an actual display connected

SM11 64550195

AUDIO EXTRACTOR

HDMI AUDIO EXTRACTOR



Extracts audio stream from HDMI.

- Suitable up to 4Kx2K@60Hz
- Supports: DTS HD, Dolby TrueHD (via HDMI)

AC1739 30251931

AUDIO EMBEDDER/EXTRACTOR HDMI

BLUSTREAM



Audio embedder-De-embedder.

- Supports 4K UHD video up to 40m
- Supports VGA-WUXGA and 480i-1080p
- Advanced EDID management
- Audio output via stereo or coaxial outputs
- Can be configured as a HDMI audio de-embedder or audio embedder

HD11AU	30258100

4K HDMI AUDIO EXTRACTOR

Pro.2 Providing AV Solutions



- Supports 3D
- Supports resolution up to 4K@30Hz
- Supports colour up to 36bit
- Extract the digital HDMI audio signal from the HDMI input to 2-Channel

HA01	64550087

VIDEO CAPTURE

1080P FULL HD VIDEO CAPTURE

Pro.2 Providing AV Solutions



Recording with one-click, easy to use.

- Support NTFS/ FAT32 format and USB 2.0 Host
- Automatically split the video up to 2GB per file

HDVC01	09002112

MODULATORS

ANALOGUE MODULATORS

VHF/UHF AV MODULATOR

Kingray



The MD100xS modulators allow for an RCA stereo audio/video baseband input with a frequency adjustable RF output.

- True stereo operation
- Fully shielded die-cast enclosure
- Can be locally or remotely powered
- Phase lock looped for stability

UHF Modulator	470 ~ 860MHz	MD100US	00760710
VHF Modulator	44 ~ 470 MHz	MD100VS	00760712

ANALOGUE DEMODULATOR COMPOSITE

Pro.2 Providing AV Solutions



Watch TV or Composite input on your computer monitor. With built-in multimedia tuner, it presents crystal clear and flicker free pictures.

- 1920x1200, 1920x1080 Support
- PIP (Picture in Picture)
- Video Entertainment on your PC
- Easy to use remote control

ADM5	37400014

3-INPUT RF MODULATOR

Pro.2 Providing AV Solutions



- Triple Audio/ Video Input, modulation & mixed output
- Digital display for UHF/ CATV channels & UHF/CATV status
- LED indication triple AV Input
- Small and compact aluminium housing design
- High stability PLL technology

with gain control	RFMX3	37400050
with IR	RFMX3IR	37400052
Spare IR target for RFMX3IR	RFMX3IRST	37400054

SD DIGITAL MODULATORS

SINGLE INPUT IR DVBT MODULATOR

resi-linx



resi-linx® single input SD modulator with IR return.

- Fully Programmable LCN, Channel and Network Names
- Front LCD display for adjustment of Output Channel & LCN
- Composite, Component & S-Video Inputs
- MPEG-2
- Web Management Set up
- Built-in IR control for connection to resi-linx's Video Hub, IR targets and emitters
- Includes 12V DC Power Supply

RLDM1102M	37400218

QUAD DVB-T DIGITAL MODULATOR

resi-linx



Quad Input Digital IR Modulator that converts video and audio signals to digital COFDM DVB-T Channel.

- Built-in IR control for connection to Video Hub, IR targets and emitters to allow remote TV locations to have IR control of AV equipment
- Programmable Channel & Network Names
- Composite Input
- 2K/8K Carriers
- Mixes all 4-channels into a 7MHz channel
- LCD Display for adjustments
- Adjustable logic channel numbering (LCN)

RLDM4000	37400270

8-INPUT SD DVB-T MODULATOR

resi-linx



Commercial modulator with low cost per channel.

- 8-Input Digital Modulator
- Multiplexes on to 2 separate 7MHz channel
- Adjustable VHF/UHF Output (6-69)
- Web Management for easy programming and monitoring
- Includes 12V DC Switch Mode Power Supply
- MPEG-2
- 1RU Housing

RLDM8000	37400272

DIGI MOD RACK MOUNT EARS

resi-linx



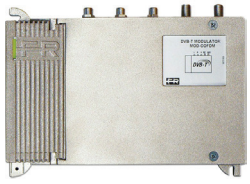
Rack mount ears.

- Suits the RLDM4000 & RLDM4002D

RLACC500	37400276

1CH ANALOGUE TO DTT MODULATOR

FRACARRO



- Works with any Analogue composite input
- Very cost effective and easy to install, everything included in one box
- Excellent output signal quality MER > 33dB
- Easy setup with hidden push button display
- Create your own channel name with TPE or use default
- Set your own Logical Channel Number or use default
- Set the video parameters and audio standards or use defaults

MODCOFDM	37400310

HD DIGITAL MODULATORS

HD DVB-T MODULATOR WITH MPEG2/4



digi-MOD HD converts a HD source into High Definition DVB-T channel/s for distribution via RF cable. Simple to setup and installed within minutes, digi-MOD HD is ideal for all your domestic and commercial applications including homes, motels, hotels, bars, restaurants, hospitals, airports, digital signage and much more.

- Converts HD video and audio signals to digital COFDM DVB-T Channels
- Dual Mode - MPEG-2 & AVC (MPEG-4) Encoding
- Distributes 576i / 720P / 1080i / 1080P picture quality (1080P only available on AVC)
- Programmable Channel, Network Names and LCN
- HDMI, Component, CBVS, Analogue Audio, Digital Coaxial/ Optical inputs
- Adjustable VHF / UHF Output (6-69)

Dual input	HD2002DM	37400250

MPEG-2 1080P HD DVB-T MODULATOR

OGG LABS



MOD1HDV2 is a compact single silicon low latency MPEG-2 Full HD 1080p DVB-T Modulator.

- Convert 1 HDMI HD video and audio input into MPEG-2
- Resolution up to 1080p@30fps
- Program via front keypad & LCD
- Fully programmable, all parameters can be customised easily from the menu

	MOD1HDV2	37400225
19" Rack mount for 2x MOD1HD	MOD1BKT	37400226

QUAD INPUT HD MODULATOR



MPEG-2, MPEG-4 and IP for compatibility across all TVs.

- Distributes 576i / 720p / 1080i / 1080p
- Fully programmable via web interface or front display
- HDMI, Component, CBVS, Analogue Audio, Digital Coaxial/ Optical inputs

	HD4002DM	37400265

DVB-T QUAD INPUT MODULATOR



DVB-T quad input modulator.

- MPEG-4, H.264 compression
- HDMI loop out
- Built-in IR

	HD4797	37400278

SINGLE INPUT DVB-T DIGITAL HD



Most cost effective quality HD modulator on the market.

- Full function front LCD display with menu driven configuration
- Adjustable VHF/UHF output (6-69)
- 2K/8K carriers
- Compatible input resolutions 576i / 720p / 1080i / 1080p
- The HD-1608 allows you to distribute any HD source around your home/business installation over coax cable with ease

	HD1608	37400280

SINGLE INPUT DVB-T DIGITAL HD



The replacement for the ever popular HD1600 single input DVB-T digital HD modulator is here!

- HDMI input with HDMI loop through for local connectivity
- IR return path
- Compact design
- Adjustment of settings available via WEB GUI

	HD1603	37400286

DVB-T SINGLE INPUT MODULATOR



DVB-T single input modulator.

- H.264 MPEG-4 compression
- Delayed audio out
- LCD front display

	HD1605	37400288

8-INPUT HD DIGITAL MODULATOR



Professional Eight Input High Definition DVB-T MPEG-2/4 Digital Modulator.

- Compatible to all HD TV's
- Distributes up to 1080p
- Adjustable VHF / UHF Output (6-69)
- Desk, Wall and Rack Mountable
- Programmable Channel, Network Names and LCN

	HD8002DM	37400290

SINGLE INPUT FOXTEL MODULATOR



Foxtel Approved single input (HDMI) HD digital modulator with a delayed audio output and HDMI loop through.

- Pre-programmed with Foxtel approved channel listing
- Foxtel Approved: F31059 (KT-FX1) & F31060 (KT-FX1DA)

	KT-FX1	37400295
w/ Audio Delay & HDMI loop through	KT-FX1DA	37400300

4-INPUT FOXTEL HD MODULATOR



Foxtel Approved quad input (HDMI) HD digital modulator.

- Pre-programmed with Foxtel Approved channel listing
- Foxtel Approved: F31062 (KT-FX4DA) & F31061 (KT-FX4)

	KT-FX4	37400315
With Audio Delay Output	KT-FX4DA	37400320

10 SPLIT POWER SUPPLY



Power supply for powering up to 10 modulators.

- Can be used on HD1600/1600L/ 1603/RL-DM1102M

	HDIPPS10	37400450

PASSIVE RF COMBINER

resi-linx



- 12/24-port RF input to 1-port output
- 20dB test port

12-port	STHC12G	37400452
24-port	STHC24G	37400454

RACK SHELF KIT FOR MODULATORS

resi-linx



Rack shelf kit for 10 modulators.

- Comes with top & bottom shelf + cross bar + 10 protection pad

	ZC10PK	37400456

REPLACEMENT SPEAKERS

GENERAL PURPOSE

MYLAR MINI SPEAKER

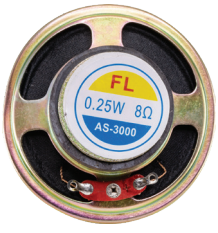


Mylar diaphragm speaker for replacement use in Telephones, Headphones Intercoms and also suitable where moisture is present.

- 8Ω / 0.25Watt
- Frequency Response: 30Hz ~ 18kHz

0.25W	Ø27 x 9 mm	SPG0927	38850927
0.25W	Ø40 x 10 mm	SPG0940	38850940

57MM 2.25" 0.25W 8Ω SPEAKER



Micro 8Ω speakers as used in radios, intercoms, and other low power applications.

- Frequency Response: 50 ~ 4kHz
- Wattage: 0.25W
- Overall Diameter: 57mm
- Overall Height: 20mm

SPG1001	38851001	

100MM 4" SQUARE 10W SPEAKER



Suitable for radios, Television sets, Car sound, small PA & general purpose, medium power applications.

- Frequency Response 60Hz ~ 18kHz
- 8Ω / 10 Watts
- Twin cone
- Overall Diameter: 105mm
- Overall Height: 47mm

SPG2301	38852301	

100MM 4" 15W TWIN CONE SPEAKER

REDBACK



15 Watts 8Ω High efficiency dual cone quality driver. Excellent midrange 'presence'.

- Frequency Response: 120Hz-20kHz
- Input Power: 8 Watts RMS
- SPL (1W@1m): 95dB
- Impedance: 8Ω

SPG6555	38856555	

203MM 8" 10W 8Ω PA SPEAKER



Designed primarily for PA and background music applications. Magnet includes transformer mounting holes at 51mm.

- Input Power: 5 Watts RMS
- Max. Input Power: 10 Watts
- Frequency Response: 80Hz-18kHz
- SPL (1w@1m): 92dB
- Impedance: 8Ω

SPG6617	38856617	

200MM 8" 50W COAX SPEAKER

REDBACK



These drivers employ polypropylene cones with a foam edge down rolled. This, coupled with a centrally mounted tweeter and midrange assembly, gives an excellent overall performance. Ideal for high performance, high power PA installations, foreground music systems, ceiling mount Hi-Fi extension speakers, etc.

- Frequency Response: 40Hz-20kHz
- SPL (1W@1m): 92dB
- Impedance: 8Ω
- Resonant Frequency: 40Hz
- Rated Power Input: 50W

SPG6630	38856630	

TWEETERS

HORN DRIVER

EARTHQUAKE SOUND



Power Handling: 150 Watt.

- Nominal Impedance: 8Ω
- Frequency Response: 400Hz-9kHz
- Sensitivity: 110dB
- Voice Coil Diameter: 2" (51mm)
- Throat Diameter: 1-3/8" (34.2mm)

HDX2	38954000	

200W SUPER BULLET TWEETER

EARTHQUAKE SOUND



Durable plastic tweeter casing.

- 7.9oz barium ferrite magnet
- Power Handling: 200 Watt
- Copper voice coil
- Frequency Response: 2.5kHz-22kHz
- Sensitivity: 105dB

SBT200	38954020	

150W TITANIUM BULLET TWEETER

EARTHQUAKE SOUND



Heavy-duty titanium bullet tweeter.

- Titanium dome
- Ferrofluid cooled
- Die cast aluminium housing
- Nominal Impedance: 4-8Ω
- Frequency Response: 2kHz-20kHz
- Sensitivity: 105dB

BT44S	38954025	

LARGE BULLET TWEETER

EARTHQUAKE SOUND



300W Titanium super bullet tweeter.

- Ferrofluid cooled
- Diecast aluminium housing
- Kapton voice coil
- Crossover capacitor included
- Power Handling: 300 Watt
- Frequency Response: 3kHz-20kHz
- Sensitivity: 110dB

BT90S	38954030	

100MM 4" 30W SPARE SPEAKER

REDBACK



A fully sealed 4" midrange speaker with doped paper cone and long lasting rubber surround.

- Frequency Response: 280Hz-12kHz
- Resonant Frequency: 450Hz
- Max. Input Power: 50W
- Impedance: 8Ω

SPM2050	39052050

200MM 8" 35W RMS ALUMINIUM

REDBACK



35W RMS aluminium spare speaker.

200mm (8")	35W RMS	SPM2330	39052330

MIDBASS & WOOFERS

8Ω POLYPROPYLENE SPEAKER

REDBACK



8Ω Woofer PECC Speaker. Suited to bass oriented enclosures, such as home theatre or car audio subwoofer enclosures.

165mm (6.5")	30W RMS	SPW5002	39155002
200mm (8")	60W RMS	SPW5015	39155015
250mm (10")	80W RMS	SPW5028	39155028
300mm (12")	100W RMS	SPW5047	39155047

5.25" CLOTH SPEAKER EQ5S8

EARTHQUAKE SOUND Sound That Will Move You.



5.25" Midbass.

- 150 Watts Max
- Sealed Basket
- 8Ω
- Frequency Response: 377Hz-5kHz
- Not Vented T-Yoke

EQ5-S8	39155600

CLOTH VENTED BASKET SPEAKER DRIVER

EARTHQUAKE SOUND Sound That Will Move You.



The Earthquake EQ line of Maximum Musical Output drivers are specifically designed to provide smooth, low-distortion mid-range/mid-bass output for the highest quality sound reinforcement applications.

- High efficiency/sensitivity
- Multi roll cloth surround
- New longer lasting, low mass cone
- Enhanced sound quality
- Heavy duty ferrite magnets
- Edge-wound aluminium bobbin voice coils
- Low harmonic distortion

8"	100W	EQ8-8	39155610
10"	200W	EQ10-8	39155615
12"	300W	EQ12-8	39155620

SUBWOOFERS

15" PASSIVE SPEAKER

EARTHQUAKE SOUND Sound That Will Move You.



Symmetrically Loaded Audio Passive System.

- Coupled with almost all woofers
- SLAPS increases output without added amplifier power or enclosure volume
- Suitable for high output needs where space is limited
- User-tunable adjustments can be set
- Installs just like a subwoofer

SLAPS-15	39052400

SPEAKER SWITCH BOXES

SPEAKER SELECTOR/ SWITCH BOX

Pro.2 Providing AV Solutions



These speaker selectors have been designed to let you add additional speakers around your home or office and turn them on without purchasing additional amplifiers.

- Ability to add up to 4 speaker pairs to your amplifiers
- Left and right "commons" are isolated to work with all types of amplifiers
- Protection for amplifier and unit
- Small size to fit with any system
- No power required for operation

4-way	SPS4	39894110
6-way	SPS6	39894120

2-WAY STEREO SPEAKER SWITCH

Pro.2 Providing AV Solutions



1-input to 2-outputs 2-way stereo speaker switch.

- Select Speaker Set A, B or A+B
- 10 Watts per channel
- Designed with non-shorting selector switch

PRO1001	39894123

2-WAY SPEAKER SELECTOR /SWITCH

Pro.2 Providing AV Solutions



Controls two pairs of speakers. The SPS2A is fitted with separate volume controls, speaker on/ off, and speaker protection on/off switches.

- 50 Watts RMS per channel
- Attenuation (Volume): 10-position volume control
- Channel separation at 1kHz: 38dB normal
- Cross talk between channels at 1kHz: 50dB normal

SPS2A	39894125

PREMIUM SPEAKER SELECTOR

McLELLAND



The SSV series Speaker Selectors are highly efficient dual-source speaker selectors that control pairs of speakers. The front panel provide a separate volume control for each speaker pair, allowing you to adjust the volume in each room from one convenient location. With two amplifier inputs, the SSV Series Speaker Selectors allow you to choose either program in each room.

- Dual amplifier sources inputs
- 4/6-Zone outputs with separate on/off switch and source switch
- Separate rotary volume control for each output
- No external power supply required!
- A/B source selection for each room independently to choose between two source amplifiers

4-way	SS24V	39894200
6-way	SS26V	39894210

100V 10-ZONE SPEAKER SELECTOR

REDBACK



The A2080 zone selection panel allows the control of paging and background music over 10 speaker zones.

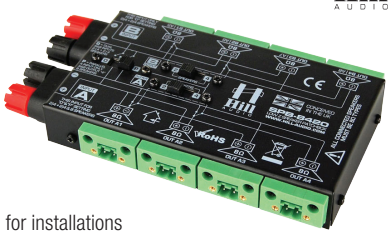
- 1U 19" rack mount
- 10-zones plus "All Call"
- Coloured switches show active zones
- Each zone has 50W power handling
- Requires no external power
- Units can be ganged together for systems of more than 10-zones

A2080B 39894216

SPEAKER DISTRIBUTION

LO IMPEDANCE SPEAKER PATCH BOX

Hill AUDIO



Ideal for installations in retail shops, restaurants and bars where audio quality is important.

- Low Impedance Speaker Patch Box
- Amp input: 2x Binding post inputs for 2.5mm² cables
- Speaker outputs: 8x 5.08mm Phoenix-style terminals
- Designed for 8Ω speakers
- Output configuration settable by 3 slide switches
- No power supply required
- Simple wall or ceiling mounting

SPB8420 39894106

A, B OR A+B SPEAKER SELECTOR

NILES

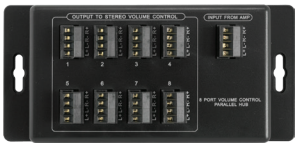


- Power handling: 350 Watts per channel RMS
- Connectors accommodate up to 14-gauge wire
- Removable buttons and Decora insert for quick and easy colour changes
- Requires 1-gang electrical box at least 3" deep

AB2D 39894127

8-WAY SPEAKER HUB

Pro.2 Providing AV Solutions



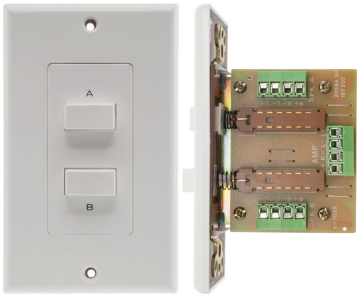
8-way speaker hub for use with parallel volume controls.

- Enables volume control in up to 8 rooms
- Lightweight
- Screw terminals handle wire sizes from 24 to 12 gauge
- Wall mountable
- Small size and compact
- Requires the use of impedance-matching volume controls

PRO1257 39894138

A, B OR A+B SPEAKER SELECTOR

Pro.2 Providing AV Solutions



Decora-style Speaker Selector Wall plate.

- Switch between 2x speaker pairs or both simultaneously
- Push-type toggle switches
- A / B / A+B Selector
- Power handling: 100W Max.
- Screw-type wire terminals

PRO1022 39894142

SPEAKER ATTENUATORS

MONO AUDIO LEVEL CONTROL PAD



With audio level indicator plate & control knob.

- Variable resistance attenuator
- Network L Impedance 4/8Ω
- Attenuation: 0 - 4dB

AT50 39894003

MONO AUDIO LEVEL CONTROL PAD

REDBACK



Mono Audio fader, suitable for remote speaker volume controls. Can also be mounted into speaker boxes or wall plates. 100W rating, suitable for 8Ω systems.

A2110 39894004

LINE LEVEL VOLUME CONTROLLER

REDBACK



In-line volume controls for line level sources such as CD player, Tuner, MP3 player etc.

- Both models utilise a 10kΩ logarithmic potentiometer
- Perfect for board rooms & lecture theatres
- Australian Made

A2287A 39894020

100W STEREO VOLUME CONTROL

NILES



Control the volume in a particular zone.

- Power Handling: 100 Watts Per Channel RMS
- Impedance Magnifying: 1X, 2X, 4X, 8X
- 12-step Control, 54dB Maximum Attenuation

VCS100K 39894035

100V/100W PA VOLUME CONTROL

Pro.2 Providing AV Solutions



100V/100W PA Volume Control.

- Audio power handling: 100 Watts rms/channel
- Frequency: from 20Hz to 20kHz
- Attenuation: 12 positions control
- Wire connector type: screw type, wire range from 14AWG to 22AWG

PRO1075 39894038

100V 20W VOLUME CONTROL



- 100V line transformer rated at 20W
- 12-position rotary switch
- Spring terminals for in-out connections
- Flush mounting coverplate conceals mounting screws
- Mounted on standard electrical wall plate
- Back-box supplied separately

Surface mount back box to suit	SUB0200	39894042

40W 100V VOLUME CONTROL

REDBACK



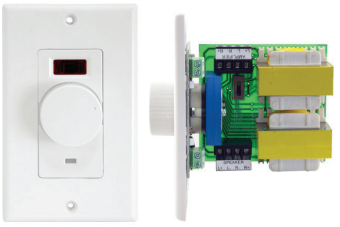
Designed to control 100V line speaker systems these attenuators are fitted to industry standard wall plates and install into an electrical wall box.

- 11 position switches for fine adjustment of sound level
- All circuitry is housed on a PCB with screw terminals for easy installation
- Includes override relay for emergency paging applications
- 22µF bipolar capacitor for line monitoring purposes

	A2265	39894048

100W 12-STEP VOLUME CONTROL

Pro.2 Providing AV Solutions



12-step 100W maximum stereo wall plate autoformer volume control.

- Impedance: Variable from 1-8Ω (for impedance matching)
- Rotary volume control and speaker on/off
- PRO1161 features IR receiver for use with an IR extender unit

With IR receiver	PRO1161	39894060
	PRO1163P	39894063

60W 6-STEP VOLUME ATTENUATOR

Pro.2 Providing AV Solutions



Clipsal style 6 step volume controller wall plate.

- For 4, 8 or 16Ω
- Power handling: 60 Watts
- Switch: 6 position rotary switch
- 6dB per step

	PRO1191	39894062

EXTENDERS

AUDIO

100M DIGITAL AUDIO EXTENDER

BLUSTREAM



TX RX

- 1x Optical (SPDIF) & 1x RCA (SPDIF) input connectors
- 1x Optical (SPDIF), 1x RCA (SPDIF) & 1x Analogue left/right output connectors
- Built-in DAC converts optical or coaxial digital (selectable) to analogue stereo left/right audio output
- Power Supply: 5V/1A DC (included)
- Ultra low jitter and high fidelity design

	CAT100AU	07350038

CAT5 DIGITAL AUDIO EXTENDER

Gefen



Gefen Digital Audio Extender.

- Input/Output: S/PDIF (digital coax). Optical TOSLINK
- Link Connector: RJ45 Shielded
- Includes Power Supply: 5V DC
- Supports Digital 8.1 (DTS, Dolby Digital, etc.)
- One CAT5 cable used for extension

	EXTDIGAUD141	07350043

ANALOGUE AUDIO CAT5 EXTENDER



Twisted pair Audio Ground Loop Isolator.

- RCA female to 2-pin screw terminal
- 20Hz to 20kHz Bandwidth
- Available for 75-120Ω cable
- High-performance to eliminate the audio ground loop interference

	TTP111A-K	07350045

DIGITAL AUDIO CAT5E/6 EXTENDER

Pro.2 Providing AV Solutions



Allow user to listen and control the music by using remote controller to control the audio player.

- Up to 200m distance
- Transmit digital signals with a single CAT5e or CAT6 cable
- Supports multi-channel audio

	PRO1362D	07350047

RCA STEREO AUDIO CAT5 EXTENDER

Pro.2 Providing AV Solutions



RCA to RCA over CAT5 extender.

- For analogue stereo audio only
- Adaptor length: 10cm
- RCA male to RCA male
- Suits CAT5/5e/6

	PRO1363A	07350051

3.5MM AUDIO CAT5 EXTENDER

Pro.2 Providing AV Solutions



Set of 2 audio baluns 1x transmitter and 1x receiver.

- For analogue stereo audio
- Bi-directional so each end can either transmit or receive
- Plug and Play

	PRO1363	07350053

COMPOSITE AV

BNC VIDEO & AUDIO CAT5 EXTENDER



BNC female +2 RCA female to RJ45 female.

- Video and stereo audio transmission over one CAT5 cable
- Two ways Audio and one Video over one CAT5 cable
- Passive, No power required
- Work with TDA109AV, perfect for school education system, multimedia AV application

	TTP111AV-K	07350005

COMPOSITE STEREO CAT5 EXTENDER



Send composite video and stereo audio signals over long distances using economical CAT5 cable allowing you to distribute video and sound easily and efficiently.

- Includes 2 modules to transfer AV signals
- PRO1211 includes passive IR return
- Distance: Up to 300m

	PRO1221	07350080
With IR	PRO1211	07350120

COMPONENT

COMPONENT VIDEO CAT5 EXTENDER



Designed for component video and digital audio signal transmission over one CAT5 UTP cable.

- Active type, with external power
- Digital Audio: coaxial or optical interface
- Up to 300m for video and digital audio
- Support HDTV signal up to 300m (480i /480p/720p/1080i/1080p)
- Offers a high quality component video signal for use on plasma and LCD displays

	CV02A-4	07350010

COMPONENT CAT5 EXTENDER



Delivers component video over CAT5 cable.

- Available models feature: no audio, digital audio (S/PDIF or coax), and analogue stereo
- RCA connections for Video/Audio
- RJ45 socket for CAT5 transmission

with 2x RCA audio	PRO1276	07350095

VGA

VGA+RS232 OVER CAT5 EXTENDER



Send VGA and RS232 Data over one CAT5 UTP cable to instead of VGA cable and data cable.

- 1 VGA loop output for local, plus 1 CAT5 RJ45 output for remote side
- Supports up to 1600x1200 @85Hz
- Long range transmission up to 300m (Max.)
- Each set includes transmitter and receiver
- Application for sending Video images to a projector and controlling it from your desk

	VD02-4	07350025

1-IN 5-OUT VGA OVER CAT5 EXTENDER



Each set includes one VD105T transmitter and one TTA111VGAR receiver.

- Dual output: 1x VGA loop-out for local viewing, plus 4x CAT5 RJ45 outputs for remote transmission
- Use CAT5 cable instead of VGA cable
- Long range transmission up to 300 metres (max)
- Built-in contrast, brightness adjustment at TTA111VGAR receiver
- Supports up to 1600x1200 @ 85Hz
- Extra receivers available separately

Spare receiver	TTA111VGAR-4	07350092

ACTIVE CAT5 VGA & AUDIO BALUN



Balun to transmit VGA and audio via CAT5 cable.

- Supports up to 1920x1200 pixels
- Up to 300m transmission

	AC1671	07350101

VGA OVER CAT5 EXTENDER



Transmit VGA signals across a standard UTP or STP CAT5 cable for distances up to 135 metres. Use for home or commercial applications, for example, classrooms, lecture halls, auditoriums, retail kiosks, video information displays, tradeshows, etc.

- Environment: VGA, VESA VP&D 1.0, VIP ver 2.0-Input Signals: Video 1V p-p
- Impedance: Input: RGB70Ω (DB15 HD) Unbalanced
- Output: RGB 100Ω (RJ45 shielded) Balanced

	VE01P	30257919

HDMI

HDMI OVER COAXIAL EXTENDER



The HDMI extender over 1 coaxial cable with IR control.

- Compliant with HDMI 1.3, HDCP 1.1 standards
- Supports digital video formats in Deep Colour Mode at up to 36 bits (12bits/colour) and 48KHz LPCM Digital audio
- Equalizes and recovers incoming TMDS data before re-transmitting it in high quality, regardless of the incoming signal quality

	HDVC100	07350800

HDMI OVER SINGLE COAXIAL CABLE



Send 1080p @ 60Hz HDMI signal with Deep Colour over a single RG6 cable.

- Video resolutions - 480i, 576i, 720p, 1080i and 1080p
- Extends HDMI 1080p up to a distances of 120m
- Bi-directional IR from input and output locations
- Supplied with Blustream IR receiver and emitter
- Smart EDID management
- HDCP compliant

	CEX120BKIT	07350900

IP-100M MULTICAST UHD VIDEO (TX / RX)



Blustreams IP Multicast UHD Video Transmitter / Receiver.

- Advanced UHD video over 1GB Network
- Extends HDMI up to a distance of 100m over single CAT cable
- Supports 4K UHD video up to 100m (3840 x 2160 @30Hz 4:4:4)
- HDCP 2.2 compliant
- Supports HDMI audio formats: Dolby TrueHD, Dolby Digital Plus and DTS-HD Master Audio transmission
- Advanced EDID management
- Bi-directional IR from all input and output locations

Transmitter only	IP100UHDTX	07350920
Receiver only	IP100UHDRX	07350925

IP MULTICAST CONTROL MODULE



Control module for TCP/IP, RS-232 and IR control of Blustream Multicast systems.

- Requires one per system for third party control
- System configuration using Blustream Wizard PC program
- RS-232 & IR integration for control of Multicast system
- Third party drivers available for all major home control brands

	CM100	07350930

HDMI & USB2.0 OVER DUAL CAT5



Extends 1080p by 40m; extend 1080i by 60m.

- Superior video quality - HDTV resolutions
- Supports USB touch panel
- Support Dolby True HD and DTS HD Master Audio
- Supports all USB 2.0 full speed device
- HDMI (3D, Deep Colour); HDCP compatible - signalling rates up to 2.25GB

	HDMIUC5	07351025

HDMI USB2.0 KVM EXTENDER



- Extending USB via CAT5/CAT6 up to 60m
- Extending HDMI via CAT5/CAT6 up to 100m
- Supports 1080p

	HDMIKVMV2	07351029

HDMI OVER CAT6 EXTENDER KIT



The ZIG-HAVEX is a transmitter / receiver extender kit for long distance transmission of HDMI video, embedded audio, 4-port PoE Ethernet switch, back channel analogue or digital audio plus bi-directional control signals over a single CAT6/7 type cable.

- Selectable back channel digital or analogue audio
- 3D Function Support
- Full HD support: 1080p@60Hz, 3D and 4Kx2K
- Supports uncompressed PCM 2-Ch Audio, 5.1, 7.1, DTS-HD, Dolby audio format
- Supports bi-direction RS-232
- CAT6/7 Cable distance 100m / 328ft

	ZIG-HAVEX	07351030

HDMI OVER SINGLE CAT6 EXTENDER



Transmit HDMI Signal over 50m single CAT5e/6 without signal loss.

- 3D compatible
- EDID reading and saving from display
- Easy to install, no extra settings
- Support high definition resolution up to Full HD 1080p

	HDC6ECO	07351034

HDMI OVER SINGLE CAT6 EXTENDER



An upgraded version of our HDC6EDID. Now with local HDMI loop out on transmitter device enables local viewing.

- EDID feature increases its compatibility with players or displays
- Extend HDMI up to 50m via CAT5E/6
- Supports 1080p and 3D video formats
- Integrated infra-red remote extender
- HDMI loop-out on transmitter

	HDC6L	07351046

HDMI OVER IP EXTENDER WITH POE



HDMI over IP extender with local HDMI loop out and IR.

- Extending HDMI source over single CAT5/6 cable
- Supports point to point, point to many, many to many
- Up to 120m extension
- Supports PoE

Tx + Rx Kit	HDMIIPPRO	07351065
Rx only	HDMIIPPRORX	07351066

HDMI OVER IP DISTRIBUTION



- Extending HDMI signal up to 120m
- Supports one-to-one, one-to-many
- HDCP compliant

	HDMIIPECOV2	07351120
Rx only	HDMIIPECOV2RX	07351122

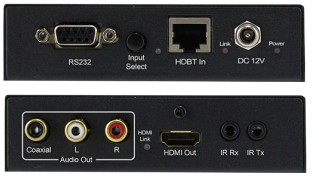
HDBASET TRANSMITTER 100M



- Supports 4K UHD video up to 70m
- Bi-directional: RS-232 pass through, IR & PoH (Power over HDBaseT™)
- Features 1x HDMI loop out
- HDCP 2.2 compliant

	HEX100ARC-TX-V2	07351247

HDBASET EXTENDER KIT 100M



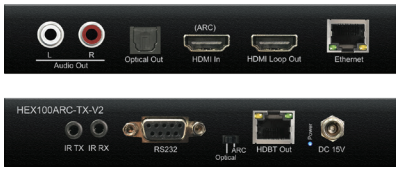
HDBaseT™ Extender Set – 100m (4K up to 70m).

- Switchable HDMI / VGA inputs
- Bi-directional IR, Bi-directional PoH (PoE)
- Audio breakout via LPCM stereo or optical outputs
- Audio Return Channel (ARC)
- Integrated 3-way Ethernet switch (LAN Serving)
- Supports LPCM 7.1CH, Dolby TrueHD, Dolby Digital Plus and DTS-HD Master
- Supports 3D signal display

	HEX100HDVGA-KIT	07351250

100M HDBASET EXTENDER WITH EDID & ARC

BLUSTREAM



- Audio Return Channel (ARC) supported via HDMI or backwards TOSLINK input
- Audio extractor at transmitter side via TOSLINK and L/R
- 3-way Ethernet switcher embedded
- HDMI v1.4 and HDCP compliant, support 1080p@60Hz, 3D and 4Kx2K
- Dolby TrueHD and DTS-HD master audio pass through
- Bi-Directional IR, RS232 and Ethernet pass through
- PoC, no power supply needed for the receivers

Tx + Rx kit	HEX100ARC-KIT-V2	07351275
Receiver only	HEX100ARC-RX	07351285

70M HDBASET EXTENDER WITH 2-WAY IR

BLUSTREAM



- HDMI v1.4 and HDCP compliant
- Supports 1080p@60Hz, 3D & 4K
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Bi-directional IR pass through
- PoC, no power supply needed for the receivers

Transmitter only	HEX70BTX	07351253
Receiver only	HEX70B-RX	07351280
Tx + Rx kit	HEX70B-KIT	07351255

70M HDBASET EXTENDER KIT

BLUSTREAM



HDBaseT™ Lite with EDID.

- HDCP compliant
- Support 1080P@60Hz up to 70m
- Dolby TrueHD and DTS-HD master audio pass through HDMI output
- Advanced EDID management
- Bi-directional IR and RS232 pass through
- POC, no power supply needed for the receivers
- ESD Protection

	HEX70ED-KIT-V2	07351265

70M HDBASET RECEIVER

BLUSTREAM



HDBaseT™ Receiver that will receive a signal from a compatible HDBaseT™ transmitter.

- Supports 4K HD up to 40m
- Supports 3D signal display
- Bi-directional PoH (Power over HDBaseT™)
- Supports bi-directional IR from all input and output locations
- HDCP compliant

	HEX70EDRX	07351282

HDBASET RECEIVER & AUDIO AMP

BLUSTREAM



HDBaseT™ with inbuilt multifunction audio amplifier.

- 70 transmission distance between device HDBaseT™ transmitter
- 2.1 stereo audio at 30W per channel
- Amplifier capability to drive 4, 6 & 8Ω speaker loads
- Bi-directional control of source via IR or RS232
- Advanced EDID management
- HDCP compliant

	RX70AMP	07351290

HDMI REPEATER BOOSTER

CONNEXIA



Signal booster for extended HDMI cable lengths.

- HDMI socket to HDMI socket
- Link & Power indicators
- AC/DC Power Adaptor included

	55090	30254287

HDMI2.0 4K2K REPEATER

Pro.2 Providing AV Solutions



- Bandwidth up to 18Gbps
- Resolution up to 4Kx2K@60Hz, YUV4:4:4
- HDCP 2.2/1.4 compliant

	HR04	30254289

HDMI EXTENDER OVER ANY WIRE

Pro.2 Providing AV Solutions



HDMI extender over any 2-conductor wire.

- With one HDMI loop out
- Transmit up to 3800m
- Supports Multi-level cascading
- IR pass-through control

	HDMIAW	64510347
Spare Receiver	HDMIAWRX	64510348

60KM HDMI EXTENDER OVER FIBRE

Pro.2 Providing AV Solutions



Support resolution up to 4Kx2K@60Hz, YUV4:4:4 HDR.

- Transmit from 1m to 60km over Single/ Multi mode, single/duplex fibre
- Support bandwidth up to 18Gbps
- Without latency
- Support HDCP2.2-input, HDCP2.2 output

	HDMIFIB18G	64510358

HDMI AUDIO EXTRACTION

Pro.2 Providing AV Solutions



Extract the digital HDMI audio signal from the HDMI input to 2 channel analog stereo output or 5.1 channel Audio output.

- Support PCM and Dolby DTS
- Supports resolution up to 4K@60Hz YUV4:4:4
- Three Audio EDID Settings: Auto/2.0 CH/5.1CH

	HA02	64510385

CATV

CATV / RF OVER CAT5E EXTENDER



Transmit & receive CATV / RF transmissions over CAT5e structured cabling.

- Used in pairs, you can install CATV equipment anywhere there is a convenient modular wall outlet
- Does not require any infrastructure modification
- Works with existing RF splitters and combiners
- Supports 40MHz ~ 2.4GHz
- Requires no power or extra equipment
- Maximum distance: 100m
- Supplied as Pair

	CE01TV	07350125

SPEAKER ACCESSORIES

GRILLES

METAL SPEAKER GRILLE



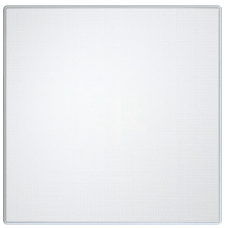
Heavy-duty punched metal grille with rubber edge ring.

- Mounting hardware: 4 – clamps and screws Included

10"	MG10	39531110
12"	MG12	39531112

NILES SQUARE GRILLE

NILES

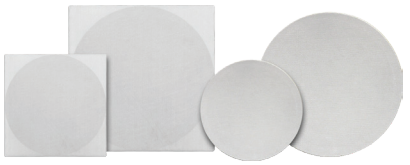


- Enables the loudspeaker to blend into any decor
- Corrosion-resistant MicroPerf™ grille material
- Can be used for ceiling-mount or in-wall applications

4"	Suits CM4PR	SG4C	39812498
7"	Suits DS7 & CM7	SG7C	39812500
8"	Suits DS8 & CM8	SG8C	39812502

EDGELESS ECS SERIES SPARE GRILLES

EARTHQUAKE SOUND Sound That Will Move You.



Spare grilles for Earthquake Edgeless ECS Series speakers.

- Available in Round and Square

○	6.5"	Suits ECS6.5	Square	SG-CS6	39816016
○	6.5"	Suits ECS6.5	Round	RG-CS6	39816017
○	8"	Suits ECS8.0	Square	SG-CS8	39816026
○	8"	Suits ECS8.0	Round	RG-CS8	39816027
●	6.5"	Suits ECS6.5	Round	RG-CS6B	39899420
●	8"	Suits ECS8.0	Round	RG-CS8B	39899425

4" SPEAKER GRILLE - WHITE



A compact white grille to suit 4" P.A. Ideal for PA and background music systems. Caps supplied to conceal screw heads.

- Ø130mm

SG4	39898001	

4" SLIM SPEAKER GRILLE - WHITE



For PA & background music systems, speaker posts included, speaker recesses into grille body.

- Caps supplied to conceal screw heads
- Diameter: 155mm

SG4S	39898004	

8" SPEAKER GRILLE - WHITE



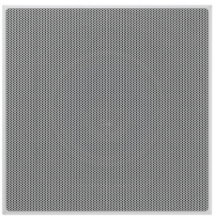
Super slimline grill with screw flush caps.

- Ultra slim profile
- Attractive good looks
- Cover caps to conceal fixing screws
- Loudspeaker recesses into grill body
- Very quick to install using GYPSEE Screws

C0805	39898019	

CI 300 SERIES SQUARE GRILLE

B&W Bowers & Wilkins



6"	Suits CCM362	GR66SQ	39898100
8"	Suits CCM382	GR68SQ	39898105

HEAVY-DUTY METAL GRILLE

EARTHQUAKE SOUND Sound That Will Move You.



- Universal (4) Hole Mounting Grille
- Heavy-duty steel grille
- Easily installed
- Compatible with EQ Series speakers

6.5"	GRL-6	39899400
8"	GRL-8	39899405

WHITE GRILLE FOR EWS600/ EWS800

EARTHQUAKE SOUND Sound That Will Move You.



- Attaches magnetically
- Paintable

EWS600	217(W) x 303(H)mm	GREWS6	39899435
EWS800	248(W) x 349(H)mm	GREWS8	39899437

ACCESSORIES

REAR WAVE ISOLATING BACK BOX

NILES



Suits Niles DS Series in-ceiling speakers.

- Provides superior quality predictable sound for every installation
- Reduces sound transfer into adjacent rooms or spaces
- Unique shape maximizes air volume for deeper bass
- Assembles quickly without the use of tools
- Requires minimal space
- 100% Dacron filled isolation

Suits DS8PR/DS8HD/DS8FX	RWE8C	39812506

TONTINE SPEAKER LINING



50mm thick (200gm Bonded SQW.) polyester fibre will not break down due to vibration, ideal for lining speaker enclosures.

- Width: 1470mm
- Sold by the metre (max. 30m roll)

TAW1	39897517	

RECTANGLE PLASTIC HORN



Rectangle plastic horn.

- Suits the Earthquake HD250-X horn driver
- Dimensions: 265x111x172mm

EQH-326 39899500

STANDS & BRACKETS

TV MOUNTS

BRACKET ACCESSORIES

TV MOUNT TILTING KIT

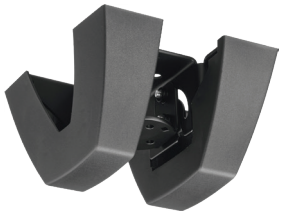


TV mount tilting kit.

- 0-15° tilting
- 4 hooks and 4 screw sets included

BLTHOOK 00904270

CEILING PLATE WITH TILT



Ceiling plate for connect it series.

- Suitable for flat and inclined ceilings up to 90°
- Ceiling solution for projectors or small to medium-sized displays
- Max. Weight: 30kg
- Tilt: 90°

PUC1035 43130201

PROJECTOR ANTI THEFT HOUSING

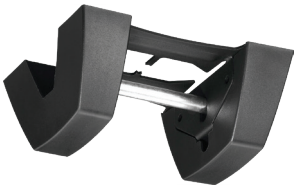


Security cage to protect your projector.

- Suits large size projectors
- Ideal for schools and public areas
- Supplied with anti-theft screws
- Padlock or bolt can also be added for extra security

PPA320 43130203

BLACK FIXED FLAT CEILING PLATE



Fixed flat ceiling plate.

- Part of the Connect-it series
- Suits: PUC 2508/2515/2530 poles
- Suits: PFB 3405/3407/3409/3411 interface bar
- Suits: PFS 3302/3304/3306/3308/3311 interface display strips
- Max. Screen Weight: 80kg
- Ceiling types: Flat ceiling, Girder, H beam

PUC1060 43130204

FLAT & INCLINED CEILING PLATE



Connect-it series ceiling plate.

- Suits flat or inclined ceilings (Max. 60°)
- Single or back to back display solution
- Max. Weight: 80kg
- Multi-directional

PUC1080 43130207

150CM CONNECT-IT POLE



Connect-it system pole.

- Length: 150cm
- Cable management
- Can be easily cut to length
- Aluminium

PUC2515 43130219

80CM CONNECT-IT POLE



Pole for modular Connect-it system.

- Length: 80cm Aluminium
- Cable management
- Can be easily cut to length
- Max. Weight: 30kg

PUC2108 43130202

300CM CEILING SUPPORT POLE



Vogel's ceiling support pole.

- 300cm Aluminium pole
- Inbuilt cable management

PFA9004S 43130296

FLOOR PLATE



Part of the modular Connect-it system with which you can create your own floor/ceiling solution for medium- to large-sized displays.

PFA9103 43130309

FLAT & INCLINED CEILING PLATE



Ceiling mounting plate.

- Part of the Connect-it series
- Suits flat or inclined ceilings
- Max. 90°

PUC1070 43130223

CEILING MOUNTING PLATE SILVER



Vogel's ceiling mount plate.

- Suits PFA 9003/9004/9015/9016 extension tubes

PFA9010S 43130288

CONNECT-IT - DISPLAY INTERFACE



The PFI 3035 display interface is a part of the modular Connect-it system.

- VESA 100x100, 200x100 or 200x200mm and up to 30kg
- Equipped with a levelling and tilting function (increments 0-10-20°)

PFI3035 43130301

INTERFACE DISPLAY STRIPS

vogel's



Part of the modular Connect-it system with which you can create your own ceiling or floor solution for medium to large sized displays.

- Suitable for medium to large sized displays up to 80kg with a max. vertical fitment of 420mm

PFS3304 43130315

CONNECT-IT 300CM POLE

vogel's



Connect-it series pole.

- Length: 300cm
- Max. Screen Weight: 80kg
- Cable management
- Multiple display mounting

PUC2530B 43130390

360° TURN CEILING PLATE

vogel's



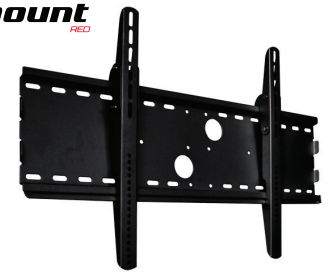
- Part of the Connect-it series
- Turn: 360°
- Main Colour: Black
- Max. Weight: 80kg

PUC1065 43137616

ON-WALL

EZIMOUNT FLAT TV BRACKET

EZYmount RED



Tilt mount for mid to large TV's.

Max. Weight		75kg
TV Size		37 ~ 80"
VESA standard	max.	770x480mm
Tilt/Turn		+8°/Fixed

VPF80B 43130142

20KG SMALL LCD WALL BRACKET

DOSS®



Fits most flat screen LCD TVs and computer monitors.

Max. Weight		20kg
TV Size		15 ~ 24"
VESA standard	min.	50x50mm
	max.	100x100mm
Tilt/Turn		20°/180°

LCD01AB 43130152

20KG LCD BRACKET

DOSS®



Small LCD bracket.

- 3 pivots

Max. Weight		20kg
TV Size		15 ~ 24"
VESA standard	min.	50x50mm
	max.	100x100mm
Tilt/Turn		20°/180°

LCD02AB 43130157

25KG SMALL LCD BRACKET

DOSS®



Slim and extremely low profile design; only 2cm distance from the wall.

- 2 piece design

Max. Weight		25kg
TV Size		32 ~ 46"
VESA standard	min.	75x75mm
	max.	100x200mm
Tilt/Turn		Fixed
Depth		20mm

LCD04B 43130162

13"-37" FLAT WALL MOUNT 22.7KG



Omnimount flat wall mount.

Max. Weight		22.7kg
TV Size		13 ~ 37"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		Fixed
Depth		28mm

OS50F 43130226

13"-37" +18° TILT WALL MOUNT



Omnimount Tilt wall mount.

Max. Weight		22.7kg
TV Size		13 ~ 37"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		+18°/Fixed
Depth		52mm

OS50T 43130229

40"-65" 30KG TILT/TURN MOUNT

vogel's



Vogel's design Mount Series.

- 3 pivots

Max. Weight		30kg
TV Size		40 ~ 65"
VESA standard	min.	100x200mm
	max.	600x400mm
Tilt/Turn		20°/120°
Depth		72 ~ 720mm

NEXT7345 43130237

FULL MOTION OLED TV WALL MOUNT

vogel's



Design mount series for LG OLED TV.

↗ 3 Pivots

Max. Weight		30kg
TV Size		40 ~ 65"
VESA standard	min.	1mm x 1mm
Tilt/Turn		120°
Depth		72 ~ 720mm

NEXT7346 43130239

MOTION MOUNT AUTO MOVEMENT

vogel's



Vogel's new motion mount bracket turns automatically.

↗ Automatic Motion

Max. Weight		30kg
TV Size		40 ~ 65"
VESA standard	min.	100x200mm
	max.	600x400mm
Tilt/Turn		Up to 120°
Depth		72 ~ 720mm

NEXT7355 43130244

Z BRACKETS FOR PFS3504

vogel's



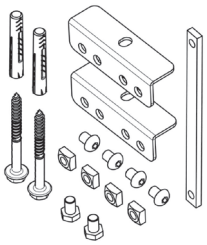
A tilt accessory for the PFS 3504 interface display strips. This bracket has a fixed angle of 8°, but in combination with the PFS 3504, can reach a maximum tilt angle of 15°.

↗ Sold as a pair

PFA9122 43130318

EXTRA BRACKET KIT

vogel's



↗ Suits Connect It interface Bars

PFA9126 43130323

SECURA FULL MOTION WALL MOUNT

SANUS



Great value full motion wall mount.

Max. Weight		50kg
TV Size		40 ~ 70"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		5°/-15°Tilt & 33°/-33°Turn
Depth		81.5mm

QLF214B2 43130460

40"-70" 50KG LARGE TILT MOUNT

SANUS



Great value tilting wall bracket.

Max. Weight		50kg
TV Size		40 ~ 70"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		5°/-10°
Depth		91.3mm

QLT35B2 43130465

32"-50" 22KG MEDIUM TILT MOUNT

SANUS



Medium size tilting wall mount.

Max. Weight		22kg
TV Size		32 ~ 50"
VESA standard	min.	100x100m
	max.	400x400mm
Tilt/Turn		0/-10°Tilt
Depth		32mm

QMT25-B2 43130472

SECURA FULL MOTION WALL MOUNT

SANUS



Great value full motion wall bracket for small TV's.

Max. Weight		15kg
TV Size		13 ~ 32"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		20°/180°
Depth		Up to 16.8cm

QSF207B2 43130473

SECURA SMALL TILT WALL MOUNT

SANUS



Great value Secura tilting wall mount for medium TV's.

Max. Weight		15.9kg
TV Size		Up to 39"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		0/-6°Tilt

QST25-B2 43130475

FIXED SIMPLY SAFE MOUNT

SANUS



SimplySafe is a game changer for consumers and installers.

↗ Built-in level

Max. Weight		61kg
TV Size		47 ~ 80"
VESA standard	min.	75x75mm
	max.	600x600mm
Tilt/Turn		Fixed
Depth		28.4mm

VLL61B2 43130477

PREMIUM FULL MOTION MOUNT

SANUS PREMIUM

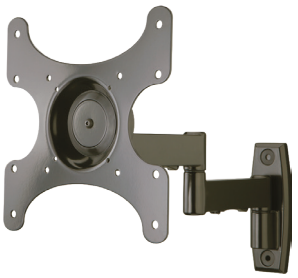


Sanus Premium series Bracket.

Max. Weight		57kg
TV Size		50 ~ 70"
VESA standard	min.	300x200mm
	max.	500x400mm
Tilt/Turn		5° ~ -15°/Fixed
	VLF515	43130478

PREMIUM FULL MOTION MOUNT

SANUS

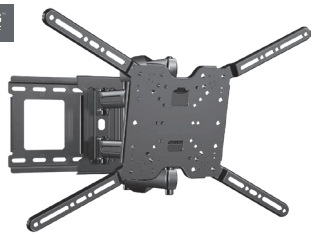


Easily installed Premium full motion mount.

Max. Weight		23kg
TV Size		13 ~ 39"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		±15°/±90°
	VSF415B2	43130481

47"-70" FULL MOTION WALL MOUNT

SANUS VUEPOINT

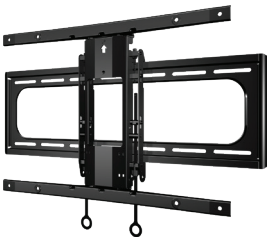


Viewmount by Sanus large full motion wall mount.

Max. Weight		59kg
TV Size		47 ~ 70"
VESA standard	min.	75x75mm
	max.	600x400mm
Tilt/Turn		±12°/±90°
Depth		72 ~ 357mm
	F180CB2	43130482

SWIVEL MOUNT FOR CURVED TV MOUNT

SANUS

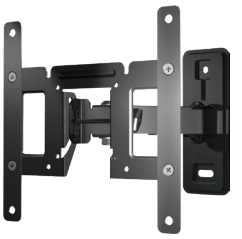


Curved TV Mount for the best view.

Max. Weight		68kg
TV Size		40 ~ 80"
VESA standard	min.	400x400mm
	max.	600x400mm
Tilt/Turn		±3°/±10°
Depth		68mm
	VLC1B2	43130483

13"-32" FULL MOTION WALL MOUNT

SANUS



Sanus viewmount Full motion wall mount.

Max. Weight		15.88kg
TV Size		13 ~ 32"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		32°/180°
Depth		58.7 ~ 182.4mm
	F107DB2	43130484

32"-50" 35KG TILT LCD MOUNT

SANUS



Sanus viewmount low profile wall mount with tilt.

Max. Weight		35kg
TV Size		32 ~ 50"
VESA standard	min.	75x75mm
	max.	400x400mm
Tilt/Turn		5°/-10°
Depth		49.5mm
	F35CB2	43130485

47"-80" TILTING WALL MOUNT

SANUS VUEPOINT



Sanus viewmount low profile wall mount for double stud.

Max. Weight		59kg
TV Size		47 ~ 80"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		15°/Fixed
Depth		49.5mm
	F58C2B2	43130486

SUPER SLIM FULL MOTION MOUNT

SANUS



↗ Extend and level after installation

Max. Weight		57kg
TV Size		40 ~ 80"
VESA standard	min.	200x200mm
	max.	600x400mm
Tilt/Turn		-8°/+ / -25°
Depth		47.3 ~ 325mm
	VLF613B2	43130487

FULL MOTION+ 42"-90" LCD MOUNT

SANUS



Enjoy a great picture no matter where you watch.

↗ Extend and level after install

Max. Weight		68kg
TV Size		42 ~ 90"
VESA standard	min.	200x200mm
	max.	600x400mm
Tilt/Turn		5°/-15°Tilt & 90°/-90°Turn
Depth		83 ~ 710mm
	VLF628	43130488

EXTENDED TILT SUITS 46"-90" TV MOUNT

SANUS

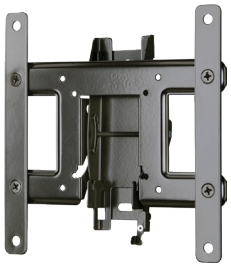


Sanus Premium extending Tilt bracket for large to extra large TV.

Max. Weight		68kg
TV Size		46 ~ 90"
VESA standard	min.	200x100mm
	max.	600x400mm
Tilt/Turn		7°/-12°
Depth		70mm
	VLT6B2	43130489

13"-32" TILTING WALL MOUNT

SANUS



Sanus viewmount tilting wall mount.

Max. Weight		16kg
TV Size		16 ~ 32"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		24°/Fixed
Depth		43.2mm
	F11CB2	43130490

47'-80" FLAT PANEL MOUNT

SANUS VUEPOINT



Wall mount solution for most 47" – 80" flat-panel TVs.

Max. Weight		59kg
TV Size		47 ~ 80"
VESA standard	min.	100x200mm
	max.	675x405mm
Tilt/Turn		Fixed
Depth		25.4mm
	F55CB2	43130493

19"- 40" SUPER FLAT TV BRACKET

vogel's



Vogel's SuperFlat™ model EFW 8105 is suitable for flat TV's from 19 up to 26". It leaves just 2 centimetres of space between the TV and the wall, just enough for ventilation and cables. The smart AutoLock® holds your screen securely in place.

Max. Weight		20kg
TV Size		19 ~ 40"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		Fixed
Depth		20mm
	EFW8105	43130500

32"-55" FLAT TV WALL MOUNT

vogel's



↗ Lifetime guarantee

Max. Weight		30kg
TV Size		32 ~ 55"
VESA standard	min.	75x75mm
	max.	500x400mm
Tilt/Turn		Fixed
Depth		22mm
	EFW8206	43130507

32"-80" SUPER FLAT TV BRACKET

vogel's

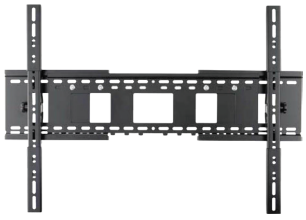


Vogel's SuperFlat™ model EFW 8305 is suitable for flat TV's from 32 up to 50". It leaves just 2 centimetres of space between the TV and the wall, just enough for ventilation and cables. The smart AutoLock® holds your screen securely in place.

Max. Weight		45kg
TV Size		32 ~ 80"
VESA standard	min.	75x75mm
	max.	800x450mm
Tilt/Turn		Fixed
Depth		24mm
	EFW8305	43130510

27"-110" 127KG TILT WALL MOUNT

SANUS



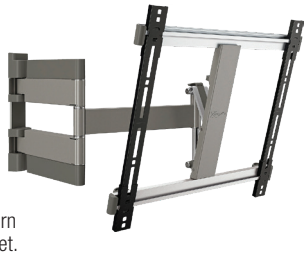
Dual-Purpose Wall Mount offers choice of tilting or low-profile mount.

↗ Cable management

Max. Weight		127kg
TV Size		27 ~ 110"
VESA standard	min.	100x100mm
	max.	700x600mm
Tilt/Turn		6°/-12°
	VMPL3B	43130479

BLACK ULTRA THIN TV WALL MOUNT

vogel's



Ultra thin Tilt, Turn and reach bracket.

Max. Weight		18kg
TV Size		26 ~ 55"
VESA standard	min.	100x100mm
	max.	400x400mm
Tilt/Turn		20°/180°
Depth		35 ~ 508mm
●	THIN245	43130598
○	THIN245W	43130599

ULTRA THIN TV WALL MOUNT

vogel's



Ultra thin elegant wall mount.

↗ Thinnest bracket in the world!

Max. Weight		40kg
TV Size		40 ~ 65"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		Fixed
Depth		15mm
	THIN505	43130602

vogel's®



Experience more with Vogel's

Vogel's mounting solutions are beautifully designed and professionally crafted to mount a TV, loudspeaker, tablet or projector to a wall, ceiling or floor. Vogel's mounts blend seamlessly into the background, allowing you to fully appreciate and enjoy the sights and sounds of your home entertainment system.



THIN 545

Thoughtfully crafted, a Vogel's solution guarantees 5 elements that define **The Quality Signature**.

- **Ease-of-use**
- **Design**
- **Innovation**
- **Reliability**
- **Ease-of-installation**

The Quality Signature



WALL 3345

Best selling & **Award** winning **Products**

reddot design award winner

Visit the Radio Parts showroom to view the Vogel's display.

Distributed by CANOHM

Radio Parts and Vogel's - Expanding your AV experiences

canohm.com.au

ULTRA THIN TV WALL MOUNT + TILT



Ultra thin elegant wall mount with tilt.

Max. Weight		25kg
TV Size		40 ~ 65”
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		up to 15° Tilt
Depth		20mm
	THIN515	43130612

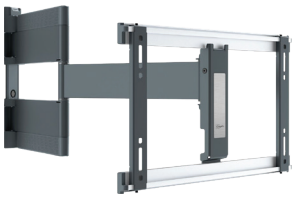
WHITE ULTRA THIN MOUNT



Extra-thin full motion TV bracket for large TVs.

Max. Weight		25kg
TV Size		40 ~ 65”
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		20°/180°
Depth		35mm
○	THIN545W	43130616
●	THIN545B	43130618

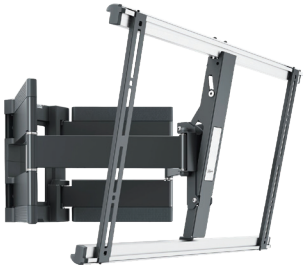
40-65" EXTRA THIN FULL MOTION



ExtraThin Full-Motion TV Wall Mount for OLED TVs.

Max. Weight		30kg
TV Size		40 ~ 65”
VESA standard	min.	100x200mm
	max.	400x200mm
Tilt/Turn		up to 180° Turn
	THIN546	43130626

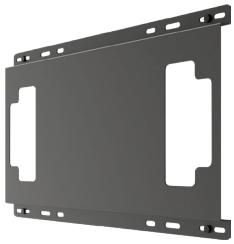
LARGE/XL 70KG WALL BRACKET



Extra-thin full motion TV bracket for extra large TVs.

Max. Weight		70kg
TV Size		40 ~ 100”
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		20°/120°
Depth		58mm
	THIN550B	43130628

STUD ADAPTOR FOR TV MOUNTS



When the ideal mounting position for your TV right in the middle of a hollow wall.

↗ Suits: THIN525 / 545 & 550 Mounts

↗ Max. Weight: 70kg

THIN595	43130636

2 PIVOT MEDIUM/LARGE 20KG



Vogel’s Medium large 2 pivot tilt and turn bracket.

Max. Weight		30kg
TV Size		32 ~ 55”
VESA standard	min.	100x100mm
	max.	400x400mm
Tilt/Turn		20°/120°
Depth		55 ~ 320mm
	WALL2225B	43130640

LARGE 2 PIVOT TILT/TURN MOUNT



TV bracket with turning function.

Max. Weight		30kg
TV Size		40 ~ 55”
VESA standard	min.	100x100mm
	max.	400x600mm
Tilt/Turn		20°/120°
Depth		55mm
	WALL3325B	43130646

LARGE 2 PIVOT TILT/TURN MOUNT



Vogel’s large 2 pivot tilt and turn bracket.

Max. Weight		30kg
TV Size		40 ~ 65”
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		20°/120°
Depth		55 ~ 320mm
	WALL2325B	43130657

TILT/TURN 3 PIVOT 20KG MOUNT



Securely mount virtually any model of TV, from 32”-55” (81-140cm), on the wall.

Max. Weight		20kg
TV Size		32 ~ 55”
VESA standard	min.	100x100mm
	max.	400x400mm
Tilt/Turn		20°/180°
Depth		55mm
	WALL3245B	43130652

TILT/TURN 3 PIVOT 30KG MOUNT



Ideal for mounting your flat screen TV around a corner.

↗ 3 pivots

Max. Weight		30kg
TV Size		40 ~ 65"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		20°/180°
Depth		55 ~ 540mm
	WALL3345B	43130655

TILT/TURN 3 PIVOT 30KG MOUNT



↗ 3 pivots

Max. Weight		35kg
TV Size		40 ~ 65"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		20°/180°
Depth		55 ~ 540mm
	WALL3345W	43130659

37"-55" CANTILEVER WALL MOUNT



The low profile LPHDLC cantilever mount fits most 37"-55" flat panels up to 68.1kg (150lbs) and is well-suited for those applications where seamless integration counts most. The LPHDLC is part of the Low Profile Series of fixed, tilt and cantilever mounts offering a sleek and slim design without compromising functionality.

↗ *with adapter included

Max. Weight		68.1kg
TV Size		32 ~ 55"
VESA standard	min.	100x200mm
	max.	500x900mm*
Tilt/Turn		-5° ~ +15°/Fixed
Depth		86 ~ 674mm
	LPHDLC	43130670

42"-75" CANTILEVER WALL MOUNT



The low profile LPHDXC cantilever mount fits most 42"-75" flat panels up to 113.4kg (250lbs) and is well-suited for those applications where seamless integration counts most. The LPHDXC is part of the Low Profile Series of fixed, tilt and cantilever mounts offering a sleek and slim design without compromising functionality.

↗ *with adapter included

Max. Weight		113.4kg
TV Size		42 ~ 75"
VESA standard	min.	100x200mm
	max.	500x900mm*
Tilt/Turn		-5° ~ +15°/Fixed
Depth		86 ~ 674mm
	ULPCX	43130685

FULL MOTION TV WALL MOUNT



Medium 3 pivot tilt and turn TV wall mount will allows you to view your screen from any point in your room.

↗ 3 pivots

Max. Weight		15kg
TV Size		19 ~ 37"
VESA standard	min.	100x100mm
	max.	200x200mm
Tilt/Turn		20°/180°
Depth		70 ~ 410mm
	WALL2145B	43130677
	WALL2145W	43130679

FULL MOTION TV WALL MOUNT



Max. Weight		35kg
TV Size		32 ~ 55"
VESA standard	min.	100x100mm
	max.	400x400mm
Tilt/Turn		15°/120°
Depth		94 ~ 461mm
	WALL2250	43130683

FULL MOTION TV WALL MOUNT



Max. Weight		45kg
TV Size		40 ~ 65"
VESA standard	min.	100x100mm
	max.	600x400mm
Tilt/Turn		15°/120°
Depth		98 ~ 600mm
	WALL2350B	43130686

FULL MOTION TV WALL MOUNT



Max. Weight		55kg
TV Size		55 ~ 100"
VESA standard	min.	100x100mm
	max.	800x400mm
Tilt/Turn		30°/120°
Depth		108~610mm
	WALL2450	43130688

40"-100" FIXED WALL TV MOUNT



The WALL3305B fixed TV bracket mounts large and heavy TVs securely and flat against the wall.

Max. Weight		80kg
TV Size		40 ~ 100"
VESA standard	min.	100x100mm
	max.	400x600mm
Tilt/Turn		Fixed
Depth		23mm
	WALL3305B	43130696

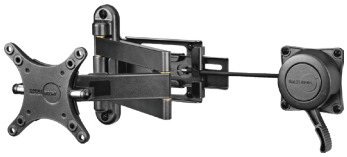
13"-32" FIXED FLAT TV BRACKET



Designed to fit most 13"-32" flat panels up to 18.1kg (40lbs), the OL50FT is perfect for eco-conscious consumers looking for a small tilt flat panel mounting solution. The OL50FT is a part of OmniMount's eco-friendly OmniLite Series™ – a line of mounts that are designed and packaged with the environment in mind so they do more, while using less.

Max. Weight		18.1kg
TV Size		13 ~ 32"
VESA standard	min.	75x75mm
	max.	200x100mm
Tilt/Turn		5°/Fixed
Depth		29mm
	OL50FT	43130700

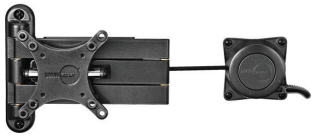
13"-23" CANTILEVER & LOCK



The RV1 fits most 13"-23" flat panels up to 9.1kg (20lbs) and is a perfect cantilever mounting solution for recreational vehicles.

Max. Weight		9.1kg
TV Size		13 ~ 23"
VESA standard	max.	75x100mm
Tilt/Turn		-5° ~ +15°/Fixed
Depth		~330mm
	RV1	43130720

23"-32" CANTILEVER & LOCK



The RV2 fits most 23"-32" flat panels up to 22.7kg (50lbs) and is a perfect cantilever mounting solution for recreational vehicles.

Max. Weight		22.7kg
TV Size		23 ~ 32"
VESA standard	min.	75x100mm
	max.	100x200mm
Tilt/Turn		-5° ~ +15°/Fixed
Depth		~330mm
	RV2	43130722

55"-80" FLAT DISPLAY WALL MOUNT



Max. Weight		100kg
TV Size		55 ~ 80"
VESA standard	min.	75x75mm
	max.	400x800mm
Tilt/Turn		Fixed
	PFW6800	43130761

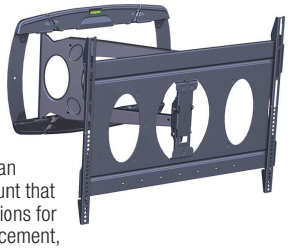
43"-100" PORTRAIT FLAT WALL MOUNT



Easy install portrait mount.

Max. Weight		100kg
TV Size		43 ~ 100"
VESA standard	min.	75x75mm
	max.	800x400mm
Tilt/Turn		Fixed
Depth		35mm
	PFW6815	43130763

32"-72" ULTRA FLAT WALL MOUNT

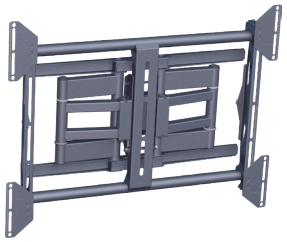


The PFW6850 is an ultra slim wall mount that provides three options for the swing arm placement, allowing the mount to swing out from the left, right or center, based on the installation requirements.

↗ 3 pivots

Max. Weight		45kg
TV Size		32 ~ 72"
VESA standard	min.	100x100mm
	max.	630x526mm
Tilt/Turn		15°/120°
Depth		38 ~ 760mm
	PFW6850	43130772

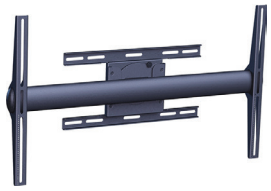
42"-75" TILT/TURN WALL MOUNT



Swingout mount for displays up to 80kg (175lbs).

Max. Weight		80kg
TV Size		42 ~ 75"
VESA standard	min.	200x200mm
	max.	820x650mm
Tilt/Turn		45° both sides/10°
Depth		79-400mm
	PFW6851	43130774

37"-63" LANDSCAPE/PORTRAIT WALL MOUNT

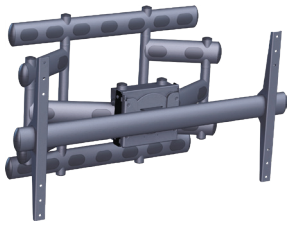


With 360° of continuous rotation, the display can be set in landscape or portrait position or any position in between. The mount is a two-piece design for easy installation.

↗ Portrait or landscape

Max. Weight		72kg
TV Size		37 ~ 63"
VESA standard	min.	200x200mm
	max.	870x505mm
Tilt/Turn		Fixed/360°
Depth		95mm
	PFW6854	43130779

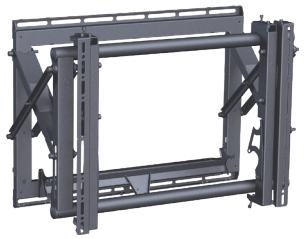
65"-82" TURN/TILT 227KG WALL MOUNT



With 90° rotation the panel can be set in Landscape or Portrait mode.

Max. Weight		227kg
TV Size		82"
VESA standard	min.	300x300mm
	max.	907x500mm
Tilt/Turn		-/90°
Depth		85mm
	PFW6855	43130781

VIDEO WALL POP-OUT MODULE



Spring-loaded display pop-out mechanism.

Max. Weight		72kg
TV Size		37 ~ 65"
VESA standard	min.	200x200mm
	max.	600x400mm
Tilt/Turn		Fixed
	PFW6870	43130785

40"-60" 31KG ACTION TV MOUNT

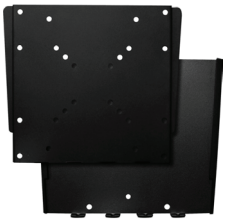


Get up and interact with your TV.

- 3 pivots

Max. Weight		31kg
TV Size		40 ~ 60"
VESA standard	min.	200x100mm
	max.	600x400mm
Tilt/Turn		+15 to -10°/180°
Depth		710mm
	PLAY70	43130898

FLAT MOUNT TV BRACKET



Low profile design (18mm), fast and simple wall mounting with VESA standard.

Max. Weight		35kg
TV Size		10 ~ 37"
VESA standard	min.	50x50mm
	max.	200x200mm
Tilt/Turn		Fixed
Depth		18mm
	VLC220B	43135820

FLAT DISPLAY WALL MOUNT 23-65"



Flat display wall mount for 23"-65" flat displays (up to 70kg).

- Part of a modular system which enables you to create your own wall mounting solution
- Autolock locking system locks the interface

PFW910S	43130795

SINGLE ARM LCD SWIVEL BRACKET



The VLM-2200 is easy to install and features a quick release mechanism to allow installation and removal of the screen in seconds.

- 2 pivots

Max. Weight		20kg
TV Size		19 ~ 37"
VESA standard	min.	75x75mm
	max.	200x200mm
Tilt/Turn		20°/180°
Depth		42 ~ 268mm
	VLM2200B	43135802

30KG LCD BRACKET



Budget LCD wall Bracket.

Max. Weight		30kg
TV Size		13 ~ 27"
VESA standard	min.	50x50mm
	max.	100x100mm
Tilt/Turn		Fixed/Fixed
Depth		15mm
	VLC110	43135824

37" MEDIUM RECESSED WALL BOX



The SB1 fits neatly in the wall, offering little to no profile when mounting medium flat panels. It also simplifies in-wall cabling as the wall cut-out hole is significantly bigger than regular installations, allowing easy access to wall cavities.

- Perfect for recessing large and extra large cantilever mounts inside the wall
- Features multiple j-box openings in order to bring in power and signal separately
- Removable bezel to facilitate both rough-in and retro-fit installations
- Paint to match any wall

SB1	43130800

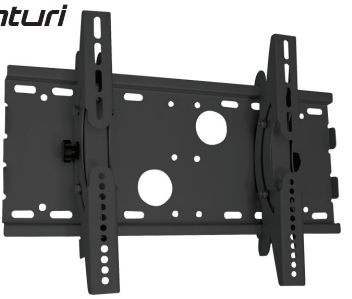
TRIPLE ARM ARTICULATED BRACKET



VLM-4600 elegant articulated arm, with 3 pivot points comes fully assembled and allows the screen to be viewed from any position.

Max. Weight		35kg
TV Size		37 ~ 70"
VESA standard	min.	200x200mm
	max.	600x400mm
Tilt/Turn		15°/180°
Depth		52mm ~ 610mm
	VLM4600B	43135817

50KG TILT TV BRACKET

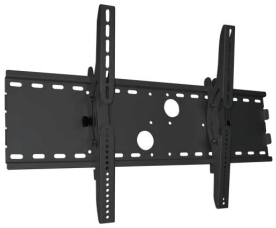


Package includes: Two universal tilting mounting brackets, wall mounting plate, mounting hardware and assembly instructions.

Max. Weight		50kg
TV Size		26 ~ 46"
VESA standard	max.	470x330mm
Tilt/Turn		15°/Fixed
	VMT140B	43136031

75KG TILT TV BRACKET

Venturi

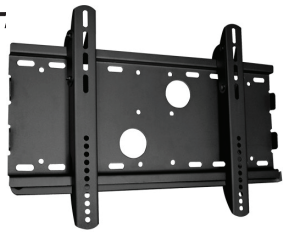


The screen can be adjusted ±15º to achieve the optimum viewing angle. Simply loosen the two twist handles, tilt the screen as desired and re-tighten the handles. Other tilt mounts require you to choose from a small number of set positions. But the Venturi VP-T150 Wall Bracket's unique tilting system allows infinite adjustment within the entire tilting range.

Max. Weight		75kg
TV Size		37 ~ 80"
VESA standard	max.	770x480mm
Tilt/Turn		15°/Fixed
	VPT150B	43136033

50KG FLAT TV BRACKET

Ventur



A unique securing method is employed to ensure the screen cannot be removed by unauthorised persons. Once the screen is positioned on the wall plate a discrete locking rod slides neatly between the mounting brackets and the wall plate.

Max. Weight		50kg
TV Size		32 ~ 55"
VESA standard	max.	465x400mm
Tilt/Turn		5°/Fixed
	VMF70B	43136036

TILT & TURN TV BRACKET

Venturi



Simple and affordable solution to mounting your LCD screen!

↗ Single stud, 2 pivots

Max. Weight		15kg
TV Size		10 ~ 26"
VESA standard	min.	75x75mm
	max.	200x100mm
Tilt/Turn		15°/90°
Depth		50 ~ 70mm
	VLC101B	43136041

TWIN PIVOT TV BRACKET

Venturi



Simple and affordable solution to mounting your LCD screen!

↗ Single stud, 2 pivots

Max. Weight		15kg
TV Size		13 ~ 32"
VESA standard	min.	75x75mm
	max.	200x100mm
Tilt/Turn		45°/180°
Depth		41 ~ 235mm
	VLC202B	43136046

TRIPLE PIVOT BLACK TV BRACKET

Venturi



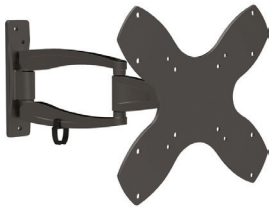
Simple and affordable solution to mounting your LCD screen!

↗ Single stud, 3 pivots

Max. Weight		15kg
TV Size		10 ~ 26"
VESA standard	min.	75x75mm
	max.	200x100mm
Tilt/Turn		45°/180°
Depth		50 ~ 370mm
	VLC303B	43136051

DOUBLE ARM LCD SWIVEL BRACKET

Venturi



The VLM3300B is ideal for both private homes and commercial premises alike. Easy to install, the VLM-3300 features a quick release mechanism to allow installation and removal of the screen in seconds.

↗ Single stud, 3 pivots

Max. Weight		20kg
TV Size		19 ~ 37"
VESA standard	min.	75x75mm
	max.	400x200mm
Tilt/Turn		20°/180°
Depth		45 ~ 330mm
	VLM3300B	43136054

35KG MEDIUM LCD FLAT BRACKET

DOSS®



35kg Universal flat panel mount.

Max. Weight		35kg
TV Size		26 ~ 55"
VESA standard	min.	50x50mm
	max.	200x250mm
Tilt/Turn		Fixed
Depth		28mm
	LCD06AB	43136061

SMALL LCD FLAT BRACKET

DOSS®



VESA standard mounting: 50X50mm – 75x75mm – 100x100mm.

Max. Weight		15kg
TV Size		15 ~ 24"
VESA standard	min.	50x50mm
	max.	100x100mm
Tilt/Turn		Fixed
Depth		35mm
	LCD06B	43136062

30KG MEDIUM LCD BRACKET

DOSS®



Max. Weight		30kg
TV Size		26 ~ 55"
VESA standard	min.	50x50mm
	max.	400x300mm
Tilt/Turn		15°/90°
Depth		60 ~ 350mm
	LCD07B	43136067

70KG MEDIUM LCD BRACKET

DOSS®



Universal Flat Panel Mount with Tilt, Turn & Reach.

↗ 2 pivots

Max. Weight		70kg
TV Size		32 ~ 80"
VESA standard	min.	75x75mm
	max.	660x450mm
Tilt/Turn		15°/180°
Depth		110 ~ 610mm
	LCD08B	43136071

75KG LARGE LCD BRACKET

DOSS®



75kg Universal Flat Panel Mount with Tilt.

Max. Weight		75kg
TV Size		32 ~ 75"
VESA standard	min.	75x75mm
	max.	660x475mm
Tilt/Turn		15°/Fixed
Depth		50mm
	LCDP10B	43136081

60KG MEDIUM LCD PLASMA BRACKET

DOSS®



Universal flat panel wall mount.

Max. Weight		60kg
TV Size		32 ~ 74"
VESA standard	min.	75x75mm
	max.	680x475mm
Tilt/Turn		Fixed
Depth		40mm
	LCDP16B	43136180

75KG LARGE LCD BRACKET

DOSS®

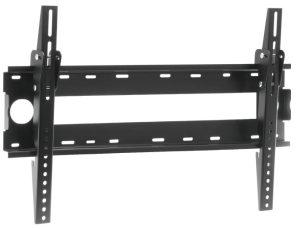


75kg Universal Flat Panel Mount with Tilt.

Max. Weight		75kg
TV Size		26 ~ 55"
VESA standard	min.	75x75mm
	max.	420x455mm
Tilt/Turn		15°/Fixed
Depth		50mm
	LCD09B	43136076

75KG LARGE LCD PLASMA BRACKET

DOSS®



75kg universal flat panel mount with Tilt.

Max. Weight		75kg
TV Size		32 ~ 84"
VESA standard	min.	75x75mm
	max.	805x475mm
Tilt/Turn		15°/Fixed
Depth		50mm
	LCDP11B	43136086

23"-46" 70KG TILT BRACKET

EZYmount



EZYmount SLT510B tilt flat panel wall bracket.

Max. Weight		70kg
TV Size		23 ~ 46"
VESA standard	min.	75x75mm
	max.	840x410mm
Tilt/Turn		10°/Fixed
Depth		23mm
	SLT510B	43136192

40KG FLAT PANEL LCD TV BRACKET

DOSS®



Universal flat panel mount suits TVs up 40kg.

Max. Weight		40kg
TV Size		Up to 32"
VESA standard	min.	75x75mm
	max.	400x300mm
Tilt/Turn		Fixed/Fixed
Depth		33mm
	LCD09BLT	43136078

60KG MEDIUM LCD PLASMA BRACKET

DOSS®



Universal flat panel wall mount.

Max. Weight		60kg
TV Size		26 ~ 55"
VESA standard	min.	75x75mm
	max.	440x320mm
Tilt/Turn		Fixed
Depth		40mm
	LCDP15B	43136175

37"-80" 70KG TILT BRACKET

EZYmount

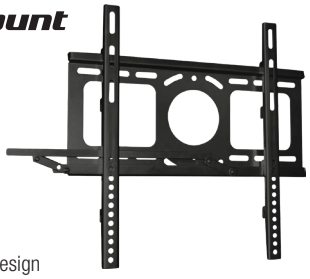


EZYmount SLT910B tilt bracket.

Max. Weight		70kg
TV Size		37 ~ 80"
VESA standard	min.	75x75mm
	max.	800x410mm
Tilt/Turn		10°/Fixed
Depth		23mm
	SLT910B	43136194

FLAT FIXED TV WALL MOUNT

EZYmount



↗ Anti-theft design

Max. Weight		70kg
TV Size		32 ~ 55”
VESA standard	min.	100x100mm
	max.	400x400mm
Tilt/Turn		20°/Fixed
Depth		23mm
	SLT400	43136197

32”-60” 80KG TWIN ARM MOUNT

DIGITEK Complete Digital Solutions



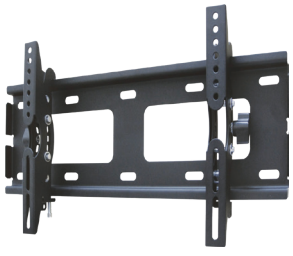
Extendable Bracket - Double Extension Arm.

↗ Double extension arm

Max. Weight		80kg
TV Size		32 ~ 60”
VESA standard	min.	50x50mm
	max.	770x475mm
Tilt/Turn		15°/45°
Depth		115 ~ 515mm
	22PLB110B	43136200

35KG 13”-37” TV BRACKET TILT

DIGITEK Complete Digital Solutions



The 22PLB101 is a strong, heavy-duty bracket.

↗ Integrated bubble level

Max. Weight		35kg
TV Size		13 ~ 37”
Tilt/Turn		30°/Fixed
	22PLB101	43136205

40KG LARGE LCD PLASMA BRACKET

DOSS®



Suitable for TVs between 37~63”.

↗ 2 pivots

Max. Weight		40kg
TV Size		32 ~ 65”
VESA standard	min.	75x75mm
	max.	600x400mm
Tilt/Turn		12°/90°
Depth		75 ~ 330mm
	LCDP18B	43136300

30KG MEDIUM LCD BRACKET

DOSS®



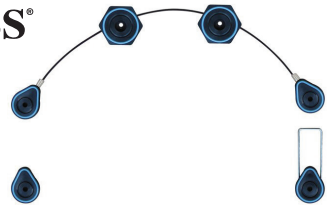
Suitable for TVs with max width of 30”.

↗ Single stud, 2 pivots

Max. Weight		30kg
TV Size		26 ~ 42”
VESA standard	min.	75x75mm
	max.	100x200mm
Tilt/Turn		15°/180°
Depth		~ 300mm
	LCD20B	43136306

30KG MEDIUM LCD BRACKET

DOSS®



The LCDP21B is designed for newer, lightweight LED, LCD, Plasma and 3D TVs. Its extremely low profile design perfectly compliments thin panel televisions that are increasing popular in the market.

Max. Weight		30kg
TV Size		26 ~ 65”
VESA standard	min.	200x200mm
	max.	600x400mm
Tilt/Turn		Fixed
Depth		10mm
	LCDP21B	43136309

5KG GAS SPRING LCD BRACKET

DOSS®



The gas-spring in the LCD23B means you can instantly move your monitor to any desired position and it will stay put without adjusting screws or latches.

↗ 3 pivots, gas-lift

Max. Weight		20kg
TV Size		10 ~ 24”
VESA standard	min.	50x50mm
	max.	100x100mm
Tilt/Turn		90°/90°
Depth		~ 510mm
	LCD23B	43136318

40KG MEDIUM LCD BRACKET

DOSS®



Single stud, double arm design makes this bracket a versatile choice for installing your small to medium flat panel TV.

↗ 3 pivots, single stud, double

Max. Weight		40kg
TV Size		10 ~ 32”
VESA standard	min.	100x100mm
	max.	200x200mm
Tilt/Turn		20°/180°
Depth		~ 300mm
	LCD24B	43136325

40KG MEDIUM LCD BRACKET

DOSS®



Single stud, double arm design makes this bracket a versatile choice for installing your medium to large flat panel TV.

↗ 3 pivots, single stud, double

Max. Weight		40kg
TV Size		26 ~ 65”
VESA standard	min.	200x200mm
	max.	400x400mm
Tilt/Turn		20°/90°
Depth		~ 545mm
	LCDP25B	43136330

PULL-DOWN WALL MOUNT BRACKET

DOSS®



You can now mount the TV above the fireplace and when it's time to watch something, gently pull the TV out and down, using the rubber handles on the bracket, for a more comfortable viewing experience.

- Gas spring

Max. Weight	35kg
TV Size	40 ~ 65"
Tilt/Turn	15°/45°

LCDP27 43136336

COMMERCIAL WALL

SILVER INTERFACE BAR

vogel's



Part of the modular Connect-it system with which you can create your own ceiling solution for medium to large-sized displays.

- Max. Horizontal Fitment: 650mm
- Stylish aluminium design

PFB3407S 43130303

CONNECT-IT INTERFACE BAR

vogel's



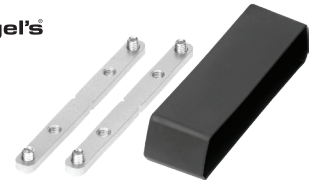
The PFB 34xx interface bars are part of the modular Connect-it system with which you can create your own ceiling/on-wall solution for medium to large-sized displays.

- Stylish aluminium design

715mm	PFB3407B	43130310
515mm	PFB3405B	43130311
1915mm	PFB3419	43130312
915mm	PFB3409B	43130313
1175mm	PFB3411B	43130314
3300mm	PFB3433B	43130321

BAR COUPLER FOR PFB SERIES

vogel's



- Couple element to couple two interface bars
- Increase fitment range

PFA9104 43130307

INTERFACE 3D DISPLAY STRIPS

vogel's



Adjustable interface display strip.

- Part of connect it series
- Max. Weight: 80kg
- Vesa Mount 400x variable to display bar
- Ideal for Wall or Ceiling applications
- Adjustable in 3 directions

PFS3504 43130317

630MM INTERFACE DISPLAY STRIPS

vogel's



Connect It series display strips.

- Max. Weight: 80kg
- Hole Pattern Min.: 200mm
- Hole Pattern Max.: 800mm
- Single or Back to Back display solutions

PFS3306 43130319

CEILING

60KG CEILING ADAPTOR POLE ONLY

Venturi



Ceiling Adaptor for Venturi Flat Panel Brackets with adjustable length pole and cable management.

- Weight Capacity: 60kg (screen weight)
- Height Adjustment: 870mm to 1560mm in 100mm increments
- Horizontal Pivot: 360°
- Ceiling Plate: 176x131mm

VCP600BK 43130139

80CM - 30KG LCD CEILING KIT

vogel's



Suitable for small to medium sized displays (VESA 100x200 or 200x200mm) up to 30kg.

- Levelling and tilting function (incremental 0-10-20°)

CFC0824 43130266

1500MM CEILING MOUNT TO 65"

vogel's



Vogel's connect it series ceiling mount.

- Ceiling plate for flat ceilings
- Incremental tilt functionality 10-15-20°
- Autolock® locking system
- Length of pole 150cm
- Max. VESA: 850x500mm
- 37" to 65" Flat panels
- Max. Weight: 80kg

C1564B 43130273

1.5M 30KG LCD CEILING MOUNT

vogel's



- Ceiling plate for flat ceilings
- Incremental tilt functionality 10-15-20°
- Length of pole 150cm
- Max. VESA: 200x200mm
- Max. Weight: 30kg

CFC1537 43130274

65" 80CM 80KG CEILING MOUNT

vogel's



- Max. TV Size: <65"
- Fitment: 400x400mm
- Max. Weight: 80kg (176lbs)
- Tilt: 20°

C0844 43130275

LARGE 3M 80KG CEILING KIT

vogel's



- Ceiling plate for flat ceilings.
- Incremental tilt functionality 10-15-20°
- Autolock® locking system
- Length of pole: 300cm
- Max. VESA: 850x500mm
- 37" to 65" Flat panels
- Max. Weight: 80kg

300cm pole CFC3064 43130276

MEDIUM SWIVEL CEILING BRACKET

vogel's



- Max. Weight: 80kg
- Vesa Min.: 100x100mm
- Vesa Max.: 450x420mm
- Turn: 360° Tilt: 20°
- Pole Drop: 1.5m

CT1544 43130277

FULL MOTION CEILING MOUNT

SANUS



- Full Motion ceiling mount
- Suits 23-40" TV's
- Easily adjust the height of your TV
- Conceal unsightly cables
- Max. Weight: 31.7kgs
- Vesa Min.: 100x100mm
- Vesa Max.: 200x200mm

MC1AB1 43130463

32"-65" SINGLE CEILING MOUNT



Omni Mount SCM125 32" to 65" single ceiling mount.

- Portrait or Landscape option
- Includes universal adapter for greater VESA compatibility
- Tension adjustment for variable tilt or locking pin mechanism for precise positioning
- Integrated cable management routes cables through NPT pipe and ceiling plate
- Lift 'n' Lock™ for quick installation
- Includes Grade 5 hardware kit
- NPT extension pipes available in 12", 18" and 24" lengths

SCM125 43130873

37"-70" DOUBLE CEILING MOUNT



The DCM UA is a sturdy double flat panel ceiling mount with universal adapters, that allows flat panels or digital signage to be seen from multiple locations.

- Fits most: 37" to 63" flat panels
- Supports up to: 181.4kg (400lbs)
- Tilt: 0 to +30°
- Universal & VESA compliant: 100x100 to 400x800
- Colour: Black

DCMUA-BK 43130878

32"-65" DOUBLE CEILING MOUNT



Omni Mount DCM250 32" to 65" double ceiling mount.

- Landscape or Portrait option
- Supports two panels for back to back mounting
- Includes universal adapter for greater VESA compatibility
- Tension adjustment for variable tilt or locking pin mechanism for precise positioning
- Integrated cable management routes cables through NPT pipe and ceiling plate
- Lift 'n' Lock™ for quick installation
- Includes Grade 5 hardware kit

DCM250 43130880

20KG CEILING MOUNT TV BRACKET

Venturi



A stylish yet low cost solution to mount your LCD TV to the ceiling.

- Weight Capacity: 20kg (screen weight)
- Height Adjustment: 620~870mm (50mm increments)
- VESA Standards: 100x100mm, 75x75mm, 50x50mm
- Horizontal Pivot: 190°
- Tilt: ±20°

VCL100B 43135905

30KG CEILING MOUNT TV BRACKET

Venturi



Ideal for both private homes and commercial premises alike. Easy to install and adjust to your desired height.

- Ceiling Mount for LCD Screens
- Suits LCD Screens with VESA 200x200, 200x100, 100x100 and 75x75mm
- Weight Capacity: 30kg (screen weight)
- Tilt: ± 20° Turn: 360°

VCL200B 43135910

50KG TELESCOPIC CEILING MOUNT

Venturi



- Max. TV Weight: 50kg
- TV Size: 37" to 70"
- VESA (min.): 200x200mm
- VESA (max.): 600x400mm
- Tilt/Turn: 25°/180°
- Height adjustable: 1060mm to 1560mm
- Cable management

VCL600B 43135920

30KG SMALL LCD CEILING MOUNT

DOSS®



VESA standard: 50x50; 75x75; 100x100 (mm).

- Distance to the wall: 50-80cm
- Max. Weight: 30kg
- Suitable for TV size up to 22"
- Tilt: 20°

LCDCM1B 43136141

75KG LARGE LCD PLASMA CEILING

DOSS®



VESA standard mounting: MAX 660x450mm.

- Tilt: 15º
- Swivel: 360º
- Distance to the ceiling: 600-700mm
- Max. Weight: 75kg

LCDCM2B 43136151

TELESCOPIC TV LIFT 50"-65" TV

future automation



British made TV lift actuator.

- Near silent motor system
- Compact design
- Cable management
- Push up lid
- Only 55mm (2.2") of height above television required
- Suits up to a 65" TV

AL965 43138415

SANUS WHITE SWIVEL TV BASE

SANUS



Swivelling TV Base creates the sleek look and feel of a mounted TV.

- Suits TVs from 32" up to 60"
- Swivel: 40º
- Adjusts up to 8" to fit soundbar
- Conceal Cables
- Stable foot print
- Colour: White

WSTV1-W2 43130469

20KG SMALL LCD CEILING BRACKET

DOSS®



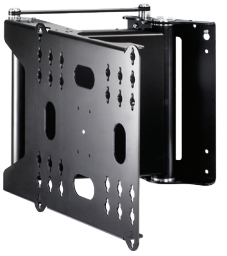
VESA standard mounting: 50x50mm 75x75mm 100x100mm.

- Tilt: 90°
- Swivel: 360°
- Supports panels up to 22"
- Max. Weight: 20kg

LCD03B 43136155

MOTORISED ARTICULATED TV MOUNT

future automation



British made motorised TV mount.

- Full rotation up to 90º clock wise
- Quiet smooth action
- Variable speed motion
- Full cable management
- Suits 46-65" TV's

PSE90CW 43138420

20KG SMALL LCD DESK MOUNT

DOSS®



VESA standard mounting: 50x50mm 75x75mm 100x100mm.

- Tilt degree: 90°
- Swivel degree: 360°
- Supports panels up to 22"
- Max. Weight: 20kg

LCDM2B 43136146

30KG SMALL LCD CEILING MOUNT

DOSS®



VESA standard mounting: 50x50mm 75x75mm 100x100mm.

- Tilt: 20°
- Swivel: 90°
- Typically supports panels that are 19, 22 and 24"
- Max. Weight: 30kg

LCDCM3B 43136160

MOTORISED ARTICULATED TV MOUNT

future automation



British made motorised TV mount.

- Full rotation up to 90º counter clock wise
- Quiet smooth action
- Variable speed motion
- Full cable management
- Suits 46-65" TV's

PSE90CCW 43138422

5KG GAS SPRING BRACKET CLAMP

DOSS®



The gas-spring in the LCD3B means you can instantly move your monitor to any desired position and it will stay put without adjusting screws or latches.

- VESA standard mounting: 50x50mm 75x75mm 100x100mm
- Desk mounted
- Maximum monitor weight: 5kg
- Mounting plate tilts 90° and turns 90°

LCDM3B 43136320

MOTORISED

TELESCOPIC TV LIFT 32"-48" TV

future automation



British made TV lift actuator.

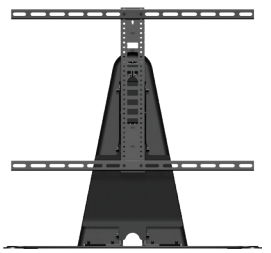
- Near silent motor system
- Compact design
- Cable management
- Push up lid
- Only 55mm (2.2") of height above television required
- Suits up to a 48" TV

AL675 43138410

DESK MOUNT

SANUS BLACK SWIVEL TV BASE

SANUS



Swivelling TV Base creates the sleek look and feel of a mounted TV.

- Suits TVs from 32" up to 60"
- Swivel: 40º
- Adjusts up to 8" to fit soundbar
- Conceals cables
- Stable foot print
- Colour: Black

WSTV1-B2 43130467

FLOOR STAND

VOGEL'S STYLISH LCD TV STAND

vogel's



Reinstalling the TV as a truly distinct piece of interior design.

- Max. Weight: 40kg
- TV Size: 40~70"
- VESA (min.): 100x100mm (max.) 400x400mm
- Distance to Floor: 508mm
- Colour: Light Oak

NEXT-OP1 43130256

HEIGHT ADJUSTABLE LCD TROLLEY

vogel's



Height adjustable flat panel trolley.

- Height adjustable
- Includes PFB34XX Display Bar
- Includes PFSXX Strips
- Cable storage under base
- Suits 32-65" TV's
- Max. Weight: 55kg

PFT2520 43130435

LED / LCD / PLASMA FLOORSTAND

vogel's



Vogel's EFF8330B LED / LCD / Plasma floorstand.

- VESA mounting 75x75mm up to 800x450mm
- Max. Weight: 45kg
- Turn: 60°
- Height: 1,202mm

EFF8330B 43130437

40"-65" TV FLOORSTAND

vogel's



Suitable for almost all TVs between the sizes of 40 and 65".

- Max. TV Weight: 45kg
- Smoothly turn your TV up to 60°
- Easily hide and guide cables at any height
- AV support included

EFF8340B 43130440

37"-50" DISPLAY TROLLEY 50KG

vogel's



The Vogel's PB175 trolley will support a 37" to 50" flat panel up to 50kg.

- 3 shelves
- Max. Weight: 50kg (110lbs)
- 2 Year Warranty
- Colour: Silver

PB175 43130445

FLOORMOUNTED 180CM SINGLE POLE

vogel's



Vogel's floormounted Flat panel mount.

- 180cm single pole
- Cable management
- Vesa compliant up to 400x400mm
- Consists of PFF7060, PUC2718, PFB3405 & PFS3304

FM1844 43130450

BLACK SINGLE POLE FLOORSTAND

vogel's



Suitable for almost all TVs between the sizes of 40 and 65".

- Max. TV Weight: 80kg
- Max. Vesa: 400x400mm
- Dimensions: 1,800(H) x 772(W) x 578(D)mm

F1844B 43130452

BLACK SINGLE POLE TV TROLLEY

vogel's



Part of Vogel's Connect-it modular and multi-functional system that allows displays to be mounted in various different ways.

- Includes: floor plate, pole, interface bar and interface strip

T1844B 43130454

DOUBLE POLE ADJUSTABLE TROLLEY

vogel's



Heavy-duty Flat Panel Trolley.

- Easy mounting
- Cable management
- Suits displays up to 65"
- Max. Weight: 80kg

TD2084 43130455

DOUBLE 180CM POLE TV TROLLEY

vogel's



This trolley is suitable for displays up to and including 65".

- Max. Weight: 80kg
- Includes extra large trolley frame, 2x 180cm poles, 915mm interface bar and interface display strips

TD1884B 43130458

50KG LARGE LCD/PLASMA TV STAND

DOSS



Locking castors to easily position stand & then provide stability.

- Shelf is ideal for placing AV components, dimension 330(W) x 260(D)mm
- Universal mount (max.): 800(W) x 600(H)mm holds TV up to 50kg
- VESA compatible bracket fitted for 800x600mm
- Overall size: 1,750(H) x 660(W) x 550(D)mm

LCDP26 43136332

PROJECTOR MOUNTS

ADJUSTABLE PROJECTOR MOUNT

SANUS



Adjustable Projector Mount with smooth tilt & swivel.

- Tilt: 30°/-30°
- Roll: 6°/-6°
- Swivel: 15°/-15°
- Weight: 22.68kg

VMPR1B 43130172

PROJECTOR CEILING MOUNT

vogel's



Large projector mount.

- Supports up to 25kg
- Easy Mounting
- 360° turn
- 15° tilt

PPC2500 43130181

ADJUSTABLE PROJECTOR MOUNT



Easy to install and simple to adjust.

- Turn: 360°
- Tilt: 15°
- Adjustable: 550 to 850mm
- Weight: 25kg
- Cable inlay system

PPC2555	43130183

UNIVERSAL PROJECTOR MOUNT



Omnimount large projector ceiling mount.

- Universal legs are adjustable to fit all projectors up to 22.7kg (50lbs)
- Gear driven 3-axis micro adjustment
- ± 20° pitch ideal for any throw
- ± 5° roll for post-installation adjustment
- Twist-and-lock for quick mounting
- Hex pin anti-theft security screws
- Includes complete Grade 5 hardware

HDPJTMA	43130188

UNIVERSAL PROJECTOR MOUNT



Omnimount 18.1kg Black projector mount.

- Lift n' Lock™ design
- MicroDial™
- QuickLock™
- Fits: Small to large projectors
- Supports up to: 40lbs (18.1kg)
- Pitch: ±16.5°
- Roll: ±16.5°
- Yaw: ±180°

PJT40	43130189

UNIVERSAL PROJECTOR MOUNT

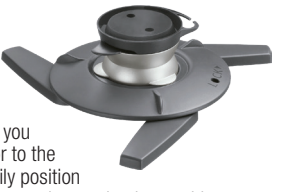


The 3N1-PJT universal projector mount has adjustable legs for compatibility with most any brand or size projector.

- Universal mounting pattern
- Legs adjustable up to 19.8" (503mm) diagonally
- Adjustable tilt and pitch
- Simple to install and use
- Includes complete hardware kit

PJT	43130190

CEILING PROJECTOR MOUNT



The EPC 6545 Ceiling Solution lets you mount your projector to the ceiling. You can easily position your projector and secure it to maintain a stable image while viewing. It comes with the universal EPA 6505 Projector Connector that fits virtually every projector weighing up to 10kg. Due to the Easy Connect feature, the EPT 6525 is part of the Vogel's Click & Switch system.

- Max. Weight: Projector 10kg (22.10lbs)

EPC6545	43130200

SHORT THROW PROJECTOR MOUNT



Vogel's short throw projector mount.

- Will support projectors up to 15kg
- 15° tilt and roll
- Adjustable 890 to 1520mm from wall
- CIS® (Cable Inlay System)
- Fine Tune Mechanism (VFT™)

PPS800W	43130199

TELESCOPIC PROJECTOR MOUNT



- Ceiling plate suitable for inclined and flat ceilings
- CIS® (Cable Inlay System)
- Adjustable 550-850mm
- Max. Weight: 15kg

PPC1555W	43130206

DIPPER PROJECTOR MOUNT



When activated, your projector silently dips into position. The patented design (unique to LP Morgan) ensures the projector is safely positioned within seconds.

- Dipper is capable of lifting projectors up to 12kg
- Precision Linear 24VDC Linear Actuator, power supply included
- Close Contact (Dry Contact) Control, Plug 'n' Play (just wire the switch)
- 12V Trigger, IR Remote, RF Remote and RS232 Upgrades available
- Undercoated 12mm MDF Ceiling Panel - to be painted to suit room decor

640x405x355mm	8 kg	HER20DIPMM	43131850
825x505x430mm	12 kg	HER20DIPML	43131860

FLIPPER PROJECTOR MOUNT



The Flipper takes the Dipper one revolutionary step; the ingenious design allows the Flipper to fit into small ceiling cavities, pitched ceilings, walls, or even upside-down into a tabletop or other surface.

- Flipper is capable of lifting projectors up to 12kg
- Quiet 12V DC Motor with adjustable limits
- Can be installed through own hole
- Close Contact Control as standard - Plug 'n' Play (just wire the switch)
- 12V Trigger, IR Remote, RF Remote and RS232

575x670x100mm	15kg	HER20FLIPMS	43131870
675x770x100mm	17kg	HER20FLIPML	43131880

CEILING PROJECTOR POLE MOUNT



- M3, M4, M5 and M6 set screws provided
- Ceiling trim to cover bolts
- Independently lockable yaw, tilt and pan adjustments
- Hollow tube for cable management
- Height adjustable post may be shortened

●	1000mm	LPM4SKYB1000	43131888
○	1000mm	LPM4SKYW1000	43131889
○	1500mm	LPM4SKYW1500	43131894

10KG PROJECTOR CEILING MOUNT



Make your home theatre projection system truly professional by installing your projector on the ceiling with the easy to use VPM-100 mount from Venturi. The universal design provides up to four extension arms that attach to your projector using the various sized screws provided.

- Easily Assembled
- Choice of 2 Pole Lengths: 80mm or 150mm (included)
- Can be Rotated 360°
- Adjustable Tilt and Angle ±15°
- Capacity: 10kg

VPM100	43135900

WHITE PROJECTOR MOUNT

Venturi



Telescopic projector mount

- Colour: White
- Max. Weight: 30kg
- Cable management
- Suitable for flat or inclined ceilings
- Projector adapter size 180mm to 400mm

○	520-600mm	VPM300W	43135902
○	820-1200mm	VPM500W	43135903

15KG CEILING PROJECTOR BRACKET

DOSS®



Fits most projectors.

- Max. Loading Weight: 15kg
- Distance to ceiling: 220-290mm
- Tilt: 15°

LCDPB1B 43136111

3M PROJECTOR CEILING MOUNT KIT

vogel's



Projector ceiling mount kit:

- Vogel VPC545 ceiling mount
- 300cm extension pole
- Ceiling plate

PPCK30 43136114

10KG WALL PROJECTOR BRACKET

DOSS®



The WPB1 wall projector mount is compatible with most of today's home theatre and short-throw projectors and is fully adjustable to fit a wide range of projector hole patterns.

- Single stud wall mount design
- Also ideal for short-throw projectors
- 10kg capacity
- Slide your projector into position up to 450mm from wall

WPB1 43136400

10KG CEILING PROJECTOR BRACKET

DOSS®



The CPB2 ceiling projector mount is compatible with most of today's home theatre projectors and is fully adjustable to fit a wide range of projector hole patterns.

- 10kg capacity
- Fine-tune the height of your projector into position up to 250~350mm from ceiling
- Mounting hardware included

CPB2 43136405

EPSON CEILING PROJECTOR MOUNT

EPSON EXCEED YOUR VISION



- Stylish, high quality powder coated finish
- Manufactured from high grade steel
- Highly adjustable to ensure simple installation
- Choice of extension/suspension adaptor poles

ELPMB22 43190525

LOW PROFILE PROJECTOR MOUNT

EPSON EXCEED YOUR VISION



Epson low profile mount.

- Ideal for Home Theatre projectors on low ceilings
- Simple installation
- Strong and secure

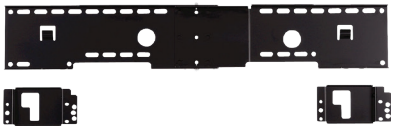
ELPMB30 43190529

SPEAKER MOUNTS

SPEAKER BRACKETS

WALL MOUNT BRACKET - YSP5600

YAMAHA



Also suitable for YSP4100.

SPMK30 01938703

WALL MOUNT TO SUIT YSP2700 SOUND

YAMAHA



Simple Wall Mount solution.

- Suits YSP4300 & YSP3300
- Easy installation

SPMK20 01938712

WALL MOUNTS TO SUIT MIN12/22W

CAMBRIDGE AUDIO



- Suits Minx MIN12 and MIN22 Speakers
- Dimensions: 35x60mm wall mounting area, 33mm deep (from wall to rear of speaker)
- Available Colours: Black & White
- Sold as a pair

○	400MW	39815249
●	400MB	39815251

25KG SPEAKER WALL BRACKETS

DOSS®



Ideal speaker brackets for bookshelf speakers.

- Horizontal tilt: 180°
- Vertical tilt: 90°
- Max. Weight Capacity: 25kg
- Sold as a pair

SPKB2 43136115

15KG SPEAKER WALL BRACKETS

DOSS®



Ideal speaker brackets for bookshelf speakers.

- Horizontal tilt: 270°
- Vertical tilt: 15°
- Sold as a pair
- Max. Weight Capacity: 15kg

SPKB1 43136120

18KG SPEAKER WALL BRACKETS

DOSS®



Ideal brackets for medium to large bookshelf speakers.

- Max. Speaker Weight: 18kg
- Sold as a pair
- Horizontal tilt: 160°
- Vertical tilt: 8°

SPKB3 43136125

MEDIUM SPEAKER BRACKET



Clamping construction makes screw-less mounting of your speaker possible. Features a tilt and turn function to guarantee an optimal listening position.

- Supplied as a pair for bookshelf loudspeakers
- Max. Weight: Loudspeakers: 20kg (44.20lbs)
- Max. Loud Speaker Height: 50cm (20")
- Available in black

	VLB200	43140005

SWIVEL SPEAKER BRACKET



The two piece construction makes it a breeze to install large heavy speaker boxes for example. Installation is simple. The base is fixed to the wall, the swivel assembly is then fixed to the speaker box and set to the desired angle.

- Up to 50° angle variation
- Requires no special tools for installation
- Installs in minutes
- Payload of up to 15kgs
- Australian designed and manufactured

○	H8040	43140007
●	H8042	43140010

SMALL SURROUND SPEAKER BRACKET



The elegantly designed ELW 6600 loudspeaker wall mount is especially for home cinema surround speakers.

- Tilt and turn functions guarantee optimal listening position
- Easy mounting (hardware included)

	ELW6600	43140017

SMALL WALL SPEAKER BRACKET



This universal wall support features a tilt and turn function to guarantee an optimal listening position. Installation is easy, and all mounting hardware is included.

- Tilt and turn functions guarantee optimal listening position
- For surround speakers and smaller Hi-Fi speakers
- Suitable for speakers up to 5kg
- Available in black and silver

◒	VLB500S	43140030
●	VLB500B	43140035

40KG PA MOUNTING BRACKET



Heavy-duty wall mount bracket designed for 35mm diameter 'top hat' mounts as found in professional audio loudspeakers.

- Suitable for speakers up to 40kg in weight
- The bracket can be angled 20° vertically and 180° horizontally
- Overall size: 242(L) x 200(W)mm

	H8055	43140072

WALL MOUNT TO SUIT HEOS1



- Easy mounting and connection
- Integrated spirit level
- Lock function
- Extension power cord included
- Mounting hardware included

●	SOUND5201B	43140148
○	SOUND5201W	43140149

WALL MOUNT TO SUIT HEOS3



- Easy mounting and connection
- Integrated spirit level
- Lock function
- Extension power cord included
- Mounting hardware included

●	SOUND5203B	43140150
○	SOUND5203W	43140151

WALL/CEILING SPEAKER BRACKET



OmniMount's 10.0 Stainless Steel speaker mount is a unique, top-of-the-line speaker mounting solution for speakers weighing up to 4.5kg.

- Polymer-injected ball controls resonance frequencies for better sound
- Ball and clamp design for greater mounting flexibility
- Includes clamp and jaw
- Stainless steel hardware for strength and durability

	OM10.0WCB	43140210

CSB175CV WALL MOUNT PLATE



YS62 wall mount plate suits the U shaped mounting bracket of CSB175CV.

	YS62	43140165

WALL MOUNT FOR SONOS ONE, PLAY:1 & PLAY:3 SPEAKERS

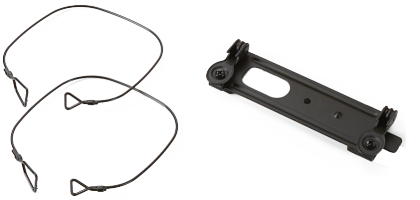


Enjoy optimal audio quality from anywhere in the room.

- Suits SONOS® ONE, PLAY: 1™ and PLAY: 3™ & other wireless speakers
- 30° Tilt
- 132° of speaker swivel
- InvisiGrip™ technology
- Easy, 3-step installation
- Available Colours: Black & White

●	WSWM21B	43140443
○	WSWM21W	43140445

SONOS ONE COMPATIBLE ADAPTOR



Adaptor bracket enables Sonos® One™ compatibility for WSWM1 and WSWM2 Wall Mounts.

- InvisiGrip™ technology holds speaker snugly in place
- No need for removal or reinstallation

	WSWMKIT	43140448

TILT & TURN WALL BRACKET



Great looking simple to use and offers flexible positioning.

- 'Tilt and Turn' loudspeaker bracket
- Adjusted via a single Allen bolt
- Supplied with both black and white bottom covers
- Suits Q3010, Q3020 and Q3090C speakers

	Q3000WB	43140575

SPEAKER STANDS

FLOOR STAND TO SUIT M1 SPEAKERS

B&W Bowers & Wilkins



Proof that even a speaker stand can be art.

- Incredibly heavy base
- Finely etched with the Bowers & Wilkins logo
- Amazing cable management system
- Available in black or white

○	M1-STANDW	39810857
●	M1-STANDB	39810859

GLOSS BACK SPEAKER STAND

Q ACOUSTICS



Precision steel construction - Stable speaker stands.

- Designed for the 3010 and 3020 loudspeakers
- Integral cable management
- Acoustic wadding inserts within columns
- Textured satin finish
- Available in Black or White

●	Q3000STGB	39811572

STANDS TO SUIT 7000I SERIES SPEAKERS

Q ACOUSTICS



A pair of Stands with hollow columns for running internal cables, a stylish armoured glass base and spikes or rubber feet for stability.

- Base: Ø320mm
- Height (excl. speaker): 780mm
- Weight (each): 2.6kg
- Available Colours: Black & White

●	Q7000ISTMB	39811578
○	Q7000ISTMW	39811581

TABLE STAND FOR JAMO SPEAKER

Jamo



Suits A102 & I300 Jamo speakers.

	A102TSB	39819110

FLOOR STAND FOR JAMO SPEAKER

Jamo



Small, yet powerful home theatre solution - Floor stand ONLY.

- Fits any home environment

	A102FSB	39819105

HEIGHT ADJUSTABLE STAND

SANUS



Get the optimal audio performance for your Sonos speaker.

- Suits: SONOS® ONE, Play1™ & Play3™
- Stylish durable anodised aluminium
- Tool free height adjustable
- Supplied with all fixings
- Available Colours: Black & White

●	WSSA1B2	39899206
○	WSSA1W2	39899208

20KG PA SPEAKER FLOOR STAND

SoundArt



Can support equipment up to 20kg in weight. Includes removable black powder coated steel head cap with screw mounting holes for flush fitting into speaker bins.

- Surface mount or recess mount
- Load capacity: 20kgs
- Adjustable height: 1.25m to 2.3m
- Top plate: 195(W) x 111(D)mm

	PASS01	43140068

45KG PA SPEAKER FLOOR STAND

DOSS®



Can support equipment up to 45kg in weight.

- Adjustable height: 1.25m to 2.3m
- Pole Diameter: 35mm

	PASS02	43140070

BUDGET STAND TO SUIT 685 / 686

B&W Bowers & Wilkins



The construction of the base plate, top plate and pillars are made from heavy gauge, mild steel. The pillars are hollow to accommodate sand or other deadening material.

- Height without spikes: 610mm
- Base: 240 x 300mm
- Top plate: 200 x 180mm
- Weight: 4.3kg

	STAV24	43140086

FLOOR STAND TO SUIT HEOS1 OR 3

vogel's



Get more out of your Denon HEOS 1 / HEOS 3.

- Easy Installation
- Integrated Power Cord
- Height: 82cm

●	SOUND5313B	43140153
○	SOUND5313W	43140154

SATELLITE SPEAKER STAND

Venturi



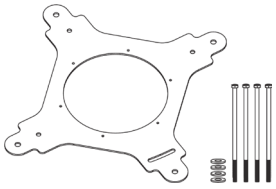
Height Adjustable: minimum 680mm to a maximum of 1100mm.

- One pair (2-pieces) VST-711 speaker stands
- Universal fixing hardware

	VST711B	43140160

MXS10 MOUNTING PLATE

Quest engineering



Powder coated Australian steel mounting plate.

- Wall or Ceiling mount
- Suits: MXS10 sub woofer

	MPS10	43140175

LARGE HEAVY-DUTY SPEAKER STAND



Anti-sway bars on legs.

- Suit Ø35mm top hats for most popular commercial equipment
- Adjusts from approx. 1.2 to 3m with a payload of 50kg

	C0523	43140195

ONE PAIR SATELLITES SPEAKER STANDS

EARTHQUAKE SOUND
Sound That Will Move You.



- Cable Management
- Adjustable Height: (from base of speaker to floor = 790mm Min. to 1450mm Max. +20mm for edge of speaker bracket height)
- Adjustable Width: (130mm to 210mm Max.)
- Assembled Weight: 4.1kg (each stand)

STAND1 43140199

ACCESSORIES & CABLE MANAGEMENT

HOLLOW WALL ANCHOR



Drywall mounting screws.

HWM1150 16831150

CABLE COVER TO SUIT ECSP

OMNIMOUNT

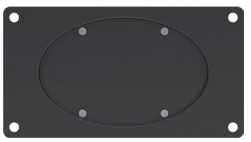


The ECS is a glass wall shelf that is designed to hold a cable box, DVD player or most any other component that needs to be located next to a mounted television.

○	ECCP	43130113
●	ECC	43130114

200X100 ADAPTOR PLATE

Venturi



Adaptor for 100x100 mounts.

- Converts to 200x100
- Max. Weight: 15kg
- Includes mounting hardware

VLA2010 43130134

400X200 VESA MOUNT ADAPTOR

Venturi

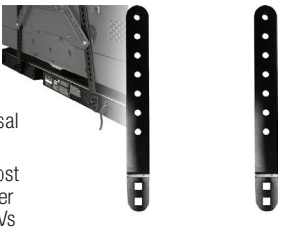


Max. Weight		30kg
TV Size		26 ~ 37"
VESA standard	min.	50x50mm
	max.	400x200mm
Tilt/Turn		Fixed

VLA4020B 43130135

UNIVERSAL SOUND BAR MOUNT

OMNIMOUNT



Omnimount universal soundbar mount.

- Easily attach most sound bars under wall mounted TVs
- Works with most brands or styles of TV mount

OCSBA 43130222

MULTI-SUPPORT SHELF

vogel's



Audio DVD support.

- Adjustable Height
- Max. Weight: 10kg
- Suits Cable 10 Column

AV10 43130241

AV MULTI SUPPORT SHELF

vogel's



Vogel's stylish multi support shelf.

- Suits the Next 7840 column
- Maximum 4 AV supports
- Also combines with the Sound 3400

NEXT7825 43130242

64CM COLUMN SYSTEM

vogel's



Vogel's medium cable column.

- Length: 64cm
- Hides cabling
- Supports up to 4 AV10 multi supports

CABLE10M 43130251

100CM CABLE COLUMN

vogel's



Vogel's cable column to suit Design Mount series.

- 100cm x 2cm
- Hides up to 10 cables
- Supports up to 4x Next 7825 AV supports
- Supports Sound 3400 soundbar mount

NEXT7840 43130252

UNIVERSAL SOUNDBAR MOUNT

vogel's

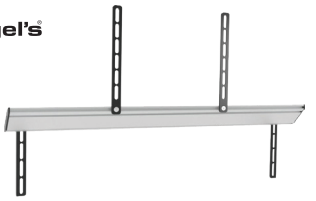


- Suits Next 7840, Cable 10m, & Cable 10L cable columns
- Max. 600mm VESA mount
- Max. Weight: 10kg
- Adjustable soundbar height and depth

SOUND3400 43130257

UNIVERSAL SOUNDBAR MOUNT

vogel's



- Suits any mount to max. 600mm Vesa
- Max. soundbar interface width 680mm
- Max. soundbar interface height 337mm
- Adjustable height and depth
- Max. Weight: 10kg

SOUND3450 43130261

SANUS SOUNDBAR MOUNT

SANUS



- Weight: 6kg
- Easy to Assemble
- Hardware included

FPA405B2 43130494

6.5KG SINGLE COLUMN SHELF

SANUS



Sanus Single stud mount shelf.

- Support Weight: 6.8kg
- Easy to Install
- Conceal interconnect cables

FPA400B1 43130496

STREAMING DEVICE PANEL

SANUS



Hide your streaming device or accessories behind your TV.

- Holds up to 1.3kg
- Conceals unsightly cables
- Hardware included

SASP1 43130497

PJT, SCM & DCM SERIES EXTENSION



NPT pipe for extending projector and flat panel ceiling mounts from the ceiling.

- Threaded on both ends
- Integrated cable management hides wires
- Includes complete hard ware kit
- Fits standard 1.5" NPT pipe

12	305mm (12")	NPT12	43130886
18	457mm (18")	NPT18	43130888
24	610mm (24")	NPT24	43130890
	Female-female adaptor	PFC-BK	43130894

UNIVERSAL SOUNDBAR BRACKET

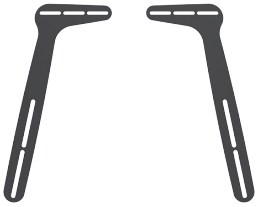


Venturi VSB100B universal soundbar bracket.

- Colour: Black
- 15kg weight capacity
- Compliant with VESA hole patterns 200x100, 200x200, 300x300, 400x200, 400x400, 600x400mm

VSB100B 43136028

VIIRO UNIVERSAL SOUNDBAR MOUNT



For mounting most standard soundbars.

- The top of the bracket goes between the TV and TV mount
- The bottom holes are for mounting the soundbar below the TV
- Ideal when using swing arm TV mounts with soundbars

VOSM04 43136029

100CM CABLE COVER ADJUSTABLE



The CC551 cable cover offers a secure and aesthetically pleasing cover plate that can be used to conceal AV and power cables.

- Adjustable height from 59cm to 100cm
- Measurement: 104x27x18cm

CC551 43136190

UNIVERSAL VESA ADAPTOR PLATE



The Doss ADPL42 wall mount adapter plate bracket is made from a pressed high quality steel plate and finished off in an anti-corrosive black powder coat.

- Convert between the following sizes (mm): 50x50, 75x75, 100x100, 200x100, 200x200, 300x200 & 400x200

ADPL42 43136195

VESA 200 X 100MM ADAPTOR PLATE

EASYMOUNT



- Allows VESA 75/100mm to fit 200x100mm displays
- Low profile ½"

EZADP01 43136196

UNIVERSAL MOUNTING CLAMP



The ID-UMC-1 Universal Mounting Clamp is the ultimate tool for mounting your Audio/Video equipment.

- Heavy-duty 1.7mm steel creates a very rigid clamping system
- Black Zinc plating assures that the finish will look new for years to come
- Soft foam protects the equipment, while adding gripping force
- Easy push snaps securely hold the clamp onto the breadboard of the ID-IWB enclosures. The clamp is easily repositioned by simply unsnapping, moving it to the new position, and re-snapping into place
- The breakaway mounting post allows for a clean finish
- Our knurled knob is designed to be easily turned, even in tight places
- Top and bottom clamp have enough surface area to securely hold anything that fits in the box

UMC-1 43136298

WALL COMPONENTS BRACKET



- Measurements: 51x40x44.5cm
- Net Weight/Gross Weight: 22/24kg
- Max. Weight: 5kg per shelf

WCB3 43136312

CONSUMER IPAD / TABLET MOUNTS

WALLMOUNT SDOCK MINI



Wallmount docking station for iPad mini 1, 2 & 3.

- Clip-on picture frame let's you match it to your decor when iPad is not docked
- Lockable so your iPad is protected from thieves
- Pivotable between portrait and landscape

	S08S	43136488
●	S08B	43136490

WALLMOUNT SDOCK AIR



Wallmount docking station for iPad with Lightning Connector (iPad 4, iPad Air 1 and 2, iPad Pro 9.7").

	S10S	43136492
●	S10B	43136494

SDOCK FIX AIR WALL MOUNT



The slimmest wall mount on the market, only 12mm thin.

- Ideal for permanent iPad installations
- Fits iPad Pro 9.7" & iPad Air 1 and 2

S11S 43136495

WALLMOUNT SDOCK PRO



Wallmount docking station for iPad Pro 12.9".

	S12S	43136496
●	S12B	43136498

LOCK CASE MOUNT ALUMINIUM

DOSS®



Bracket for mounting the IPDLOCK iPad Lock Case to walls or table-tops.

LOCKMT 43136510

RINGO MULTIPACK FOR IPAD

vogel's



Vogel's RingO multipack for iPad.

- Suits 2nd, 3rd, 4th generations
- Includes Carmount, Wall and Desk mount and Base cover
- Locking system ensures stable and secure support
- Quick release
- Adjustable tilt for optimum viewing

TMS304 43136518

UNIVERSAL TABLET WALL PACK

vogel's



Universal tablet tilt and turn wall mount.

- Suits all tablets 7"-12"
- Max. / Min. distance to the wall: 5mm
- Turn: 360°

TMS1010 43136528

UNIVERSAL TABLET CAR PACK

vogel's



Universal tablet car headrest mount.

- Adjustable height
- Suits all tablets 7"-12"
- Easy Install, connect & adjust
- Turn: 360°
- Tilt: 90°
- Main Colour: Black

TMS1020 43136530

UNIVERSAL TABLET WALL FLEX PACK

vogel's



Universal tablet tilt reach and turn wall mount.

- Easy Connect Aluminium adjustable arm
- Suits all tablets 7"-12"
- Max. distance to the wall (mm): 200
- Min. distance to the wall (mm): 44
- Turn: 360°
- Tilt: 90°
- Number of pivot points 3

TMS1030 43136532

UNIVERSAL TABLET DASHBOARD PACK

vogel's



Universal tablet dashboard kit.

- Easy Connect
- Suits 7"-12" tablets
- Max. Weight: 1kg
- Turn: 360°
- Tilt: 85°
- Main Colour: Black

TMS1050 43136534

UNIVERSAL TABLET HOLDER

vogel's



Universal Tablet holder.

- Suits TMM107, TMM115, TMM125, TMM135 mounts
- Adjust and secure
- Turn: 360°
- Suitable for all Tablets 7"-12"
- Colour: Black

TMM1000 43136536

WALL MOUNT DOUBLE PACK

vogel's



Dual pack universal tablet wall mount.

- Suits TMM1000
- Maximum Weight: 1kg
- Turn: 60°
- Stick or drill
- Max. / Min. distance to wall: 5mm

TMM107 43136538

CAR MOUNT SUITS TMM1000

vogel's



Universal tablet Headrest mount.

- Suits TMM1000
- Easy connect
- Turn: 360°
- Tilt: 15°
- ABS / Aluminium
- Colour: Black

TMM115 43136540

WALL FLEX MOUNT SUITS TMM1000

vogel's



Flex wall mount for TMM1000.

- Max. TV Weight: 1kg
- 3 turning points to create optimal viewing angle
- High grade polished aluminium
- Colour: Silver
- Turn: 360°
- Tilt: 90°

TMM125 43136542

TABLET DASH BOARD MOUNT

vogel's



Universal tablet Dash board mount.

- Suits TMM1000 universal tablet holder
- Min. screen size: 7"
- Max. screen size: 12"
- Turn: 360°
- Tilt: 85°
- Colour: Black

TMM135 43136544

COVER FOR IPAD 2 / 3 / 4

vogel's



RingO cover for iPad.

- Suits generation 2/3/4
- Turn: 360°
- Easy mounting

TMM300 43136566

WALL / SURFACE IPAD MOUNT

SANUS



Sanus iPad Mount.

- Suits iPad generation 2, 3 & 4
- Magnetic case has MagFit technology
- Designed to work with Apple smart Cover
- Stand, under desk or magnetic surface mount
- View in Landscape or Portrait mode

VTM5 43137140

LAUNCH PORT WALL STATION

iPort



Wall mount and charge your iPad.

- Wireless inductive charging
- Magnetic Wall Mount Station
- 360° rotation of iPad
- Supports all model sleeves
- Maintains total iPad functionality while charging

○		70142T	43138610
●		70170T	43138615

LAUNCH PORT BASE STATION

iPort



The Base station allows you to mount your iPad on a table at the angle for typing and tapping.

- Wireless inductive charging
- 360° rotation of iPad
- Supports all model sleeves
- Maintains total iPad functionality while charging

◒		70141T	43138620
●		70158T	43138625

LAUNCH PORT SLEEVE

iPort



(iPad not included)

Add wireless charging capability to your iPad Air/Air2 and mount it using Launch Port Stations.

○	iPad Air 1 / 2	AP5W	43138630
●	iPad Air 1 / 2	AP5B	43138635
○	iPad Mini 1 / 2 / 3	AM2W	43138650
●	iPad Mini 1 / 2 / 3	AM2B	43138655

COMMERCIAL IPAD / TABLET MOUNT

EZYMOUNT IPAD TABLE STAND

EZYmount



Lockable iPad table stand.

- Tilt ± 90°
- Easy and quick installation
- Option to secure foot plate to table
- HOME button accessible
- Suitable for iPad 2, 3 and Air
- Cable routing slot
- 5 Year Warranty

ITS234AK 43136614

TABLOCK® SECURE TABLET MOUNTING ENCLOSURE

vogel's



More and more tablet PC's like the iPad are used for public applications in retail shops, museums, showrooms and exhibitions. TabLock® prevents theft and unauthorized operation of the tablet.

- Made out of high quality aluminium and steel
- Can be mounted directly to the wall, or to any Vogel's VESA compatible mounts
- VESA 100x100mm mounting holes
- Quick and easy opening of the enclosure
- Provides or restricts access to tablet 'Home' button depending on model

Suits iPad 2 / 3 / 4		PTS1205	43136650
iPad 2 / 3 / 4	Hidden home	PTS1206	43136651
iPad Air / 1 / 2		PTS1213	43136654
iPad Air / 1 / 2	Hidden home	PTS1214	43136655
iPad Mini		PTS1215	43136658
iPad Mini	Hidden home	PTS1216	43136659
Galaxy Tab 3 / 4		PTS1211	43136662
Galaxy Tab 3 / 4	Hidden home	PTS1212	43136663

UNIVERSAL TABLOCK®

vogel's



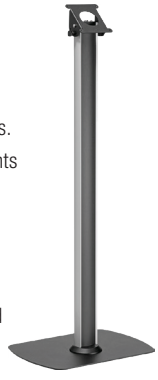
Protect your tablet while still allowing access to the touch screen with this key lockable Universal TabLock® enclosure.

- Sleek design, mountable on a wall or compatible Vogel's mount
- Unique push-in lock feature, securing tablet whilst preventing access to the mounting screws
- Sturdy Construction: 3mm steel and aluminium
- Fits iPads, Galaxy Tabs and any tablet with a min. size of 236x166x3mm and a max. size of 285x186x10mm

PTS2010 43136664

BLACK FLOOR STAND TO SUIT PTS

vogel's



Black floor stand for tablet mounts.

- Suits PTS range of tablet mounts
- Max. Weight: 3kg
- Cable Inlay System
- Height: 1m
- Variable tilt angle
- Secure connection between tablet enclosure and floorstand
- Option to secure baseplate to the floor (screw)

PTA3001B 43136666

MOUNTABLE TABLE STAND

vogel's



Black mountable table stand for tablet mounts.

- Suits PTS range of tablet mounts
- Max. Weight: 3kg
- Cable Inlay System
- Height: 260mm
- Variable tilt angle
- Secure connection between tablet enclosure and tablestand

PTA3002B 43136668

TABLE STAND WITH FOOT PLATE

vogel's



Black mountable table stand with foot plate for tablet mounts.

- Suits PTS range of tablet mounts
- Max. Weight: 3kg
- Cable Inlay System
- Height: 260mm
- Variable tilt angle
- Secure connection between tablet enclosure and tablestand

PTA3005 43136670

WALL / TABLE MOUNT TO SUIT PTS

vogel's



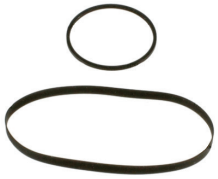
Wall/table mount for tablet mounts.

- Suits PTS range of tablet mounts
- Can be used for table or wall mounting
- Max. Weight: 3kg
- Fixed Tilt Angle: 28°
- Secure connection between tablet enclosure and table/wall mount

PTA3003 43136672

TAPE BELTS

RUBBER TAPE DECK BELT



- Flat and square section belt for tape decks

Flat	Ø88mm		DF4	42175013
Square	Ø83.0mm	1.2mm	DS18	42175279
Square	Ø84.0mm	1.4mm	DS19	42175283
Square	Ø89.0mm	1.2mm	DS20	42175287
Square	Ø90.0mm	1.2mm	DS21	42175291
Square	Ø94.0mm	1.3mm	DS22	42175295
Square	Ø96.0mm	1.3mm	DS23	42175299

PHONE & TABLET ACCESSORIES

SCREEN PROTECTORS

SCREEN PROTECTOR FOR IPHONE



Nillkin Super T+ Pro Clear anti-explosion tempered glass screen protector.

- High temperature processing
- Vacuum coating film
- Ultra thin
- Support 3D Touch

Apple iPhone 8	NLKIP8	43070080
Apple iPhone 8+	NLKIP8+	43070081
Apple iPhone X	NLKIPX	43070099

CLEARPLEX SCREEN PROTECTORS



ClearPlex is the clearest, smoothest, strongest protection film on the market. It is made from a unique, patented formula originally designed to protect windshields on racecars and high-end vehicles. Now available for your phone or other device.

Apple iPad Air	SPIPADA	43070087
Apple iPad 4	SPIPAD4	43070088

CASES & COVERS & STYLUS

DEFENDER2 SERIES PHONE CASE



Nillkin Defender 2 Series Tough Heavy duty case is specially designed to be strong enough to protect your phone from accidental drops and violent shocks.

- Made from combination of PU and TPU material to provide a full protection for your mobile phone
- Dual layer structure effectively protects phone from drops & shocks
- Accurate cutouts will protect your phone well
- Perfect combinations of colours makes this case even cool

iPhone 7+	Black	NLKIP7+DEF	43070745

SYNTHETIC FIBRE IPHONE CASE


NLKSSYNFIIP6


NLKIP7SYN


NLKIP7+SYN

- Protective case for iPhones 7 & 7+
- Built-in metal sheet for magnetic holders

iPhone 6	NLKSSYNFIIP6	43070673
iPhone 7	NLKIP7SYN	43070746
iPhone 7+	NLKIP7+SYN	43070747

M-JARL SERIES PHONE CASE


NLK04IP6+BLK


NLKIP7M


NLKIP7+M

Leather material case with metal bar stand.

- Compatible with iPhone 6 and iPhone 6S
- Accurate reserved button cutouts, as well as connectors and speakers
- Lightweight and firm
- Black colour

iPhone 6+	Black	NLK04IP6+BLK	43070735
iPhone 7	Black	NLKIP7M	43070748
iPhone 7+	Black	NLKIP7+M	43070749

MAGIC CASE FOR IPHONE


MAGICCASE10


MAGICCASE8


MAGICCASE8PLUS

- Magnetic wireless charging
- Built-in strong magnet
- Slim and light TPU
- Ideal for Nillkin car Qi charger
- Hassle Free Mounting

iPhone X		MAGICCASE10	43070750
iPhone 8		MAGICCASE8	43070751
iPhone 8+		MAGICCASE8PLUS	43070752

IPHONE 7 FROSTED SHIELD CASE

NILLKIN



Super Frosted Shield Matte cover case for iPhone 7/7+.

- Simple, stylish and unique
- Polycarbonate material
- 360° phone body protection

iPhone 7	NLKIP7FS	43070742
iPhone 7+	NLKIP7+FS	43070743

UNIVERSAL MINI TRIPOD STAND

iStyle™



Mini Stand for Smart Phones and Tablets.

- Universal mini tripod
- Adjustable, light & portable display tool
- Ideal display stand for iPad/iPhone & most tablets
- Skid-proof feet

	ISMINITRIPOD	43070187

2014 GALAXY NOTE 10.1 FOLIO

mbeat® the new digital experience



Ultra-thin folio case designed for the slim Note 10.1 2014.

- Ultra-thin Bluetooth keyboard
- Removable magnet design
- Multi OS compatible
- Multi view case stand

	KBNOTE14	43070115

LEADS

AV CABLE WITH USB FOR IDEVICES

&ware®



The Composite AV Cable connects to your iPod, iPhone via the 30-Pin dock connector and to your TV, home theatre receiver, or stereo receiver via the composite video and red/white analogue audio ports.

- Features a USB connector that you can plug into a power source, such as a computer to charge your iPod at the same time

	SMGP06-60BG	43080075

STANDS & DOCKS

FOLDABLE STAND FOR TABLET

DOSS®



Adjustable/foldable tablet stand.

- Perfect for phones as well as 7-10" tablets
- Holds tablet either vertically or horizontally
- Light weight and folds for easy carry

	IPSTANDP	43070171

PERIPHERALS

APPLE WATCH CHARGE STAND

LASER



- Angle 45° provides a stable and comfortable view of the watch viewing
- Side cutout lets you easily manage the cable
- Compatible with both the 38mm and 42mm size Apple Watches
- Weighted base to ensure the stand is steady when upright

○	AWS10W	43070103
●	AWS10B	43070104

FOLIO CASE FOR IPAD MINI BLACK

mbeat® the new digital experience



Brand new iPad mini Bluetooth keyboard folio case with touch screen stylus.

- Elegant anti-slip rubberised case folio
- Protect your iPad Mini from every day wear & tear
- Bluetooth 3.0 wireless keyboard (Removable)
- Built-in rechargeable energy saving battery
- Adjustable landscape viewing angle

	I-MCASKB	43070120

GALAXY TAB 3 TRI-FOLD SLIM COVER

mbeat® the new digital experience



- Ultra-thin tri-fold design without detracting from protection
- Stand your Tab 3-in landscape mode for more freedom
- Fold the case to support your Tab 3 at a comfortable angle for typing

●	7"	T3-7CASBL	43070135
●	7"	T3-7CASBLK	43070136
●	8"	T3-8CASBLK	43070133
●	10"	T3-10CASBL	43070132
●	10"	T3-10CASBLK	43070131

KEYBOARD FOLIO CASE FOR GALAXY TAB 3

mbeat® the new digital experience



A quality leatherette case with Bluetooth keyboard allowing for laptop like functionality whilst offering protection against every day wear and tear.

- Magnetic closure
- Spill-proof and dustproof design rubber keyboard with quiet keystrokes
- Bluetooth keyboard automatically reconnects when turned on

For Samsung Galaxy Tab3 7"	T3-7CASKB	43070156
For Samsung Galaxy Tab3 10"	T3-10CASKB	43070157

MACBOOK AND NOTEBOOK DOCK



Add various USB devices.

- Built-in smart charging function
- Micro SD reader
- LAN

	MSDOCK-S	43070163

APPLE WATCH CHARGING DOCK



Charge Apple Watch with 3 extra USB devices effortlessly.

- Conveniently dock Apple Watch magnetic charging cable
- Space saving design and practical use in home and office

	CHGRC58W	43070165

FOLIO CASE FOR GALAXY TAB 2 10"



- Galaxy Tab 10.1 QWERTY Keyboard and Case
- Built-in Bluetooth 2.0/3.0
- Lovely leatherette finished case
- Case features magnetic closure

	T2-10CASKB	43070195

USB OTG HUB WITH KM SWAP



Control two devices (PC / Mac / Android) with Keyboard / Mouse.

- Switch by moving cursor to 2nd screen
- Drag and drop files from one to another
- Share cross-platform effortlessly
- 3x USB3.0-ports for added expansion

	Y3076	43080111

CARD READER + USB FOR GALAXY



- Instantly upload photos from your camera to your tablet whenever you'd like
- Supporting multiple type of popular media cards on the market
- USB connection provides a solution for user-friendly removable data storage or the sharing of your favourite multimedia files with your Galaxy Tab

	MCRTAB01	43080120

ANDROID PHONE & TABLET OTG KIT



Micro USB 5-Pin to USB OTG Cable.

- Dual Port USB Car Charger
- Charge & Sync Cable
- Supports Galaxy S series and other Android devices

	OTGMICROBK	43080122

OTG CARD READER & USB HUB



Pocket sized with tuck-away cable.

- Micro USB card reader and USB host function
- Easily switch between card reader and USB
- Supports high capacity SD/Micro SD up to 2TB
- Supports flash drives, USB keyboard, mouse or keyboard/ mouse with a wireless receiver

	OTG772	43080124

OTG DOCK WITH SD READER / USB



Provides 3x USB ports for expanded storage.

- Includes a single SD Card Slot
- Connect USB Mouse/KB to ports for controlling Android devices
- Sleek 'dock' design to cradle devices while you watch
- Supports OTG-compatible mobile devices

	Y2165B	43080127

OTG CARD READ WITH USB 3.0



Unique dual connectors design concept.

- 2-in-1 USB 3.0 and Micro USB 2.0 OTG function
- USB 3.0 SD/Micro SD card reader for PC/MAC
- Micro USB OTG reader for Android smartphone and tablet
- Make data transfer between PC and smartphone or tablet

	OTG32D	43080142

BLUETOOTH SELFIE SNAPPER TRIPOD AND REMOTE KIT



Selfie Snapper™ is an easy-to-use Bluetooth remote for your Smartphone for taking AWESOME Selfies!

- Adjustable silver aluminium tripod & holder (360 degree rotating head, angle up/down adjustment and extendable tripod legs with foot grips)
- Tripod extendable leg Size: 9cm-16cm
- Black phone holder extendable size: 6cm-9cm
- No App required for most smartphones (simply pairs as a Bluetooth device)

●	SELFIEBL	43080323

BLUETOOTH REMOTE CAMERA BUTTON

iStyle™



- Free App from App Store and Google Play
- Mode switching between camera and video, front camera and rear camera
- Camera Shutter Button: taking a picture & video
- Flash On/Off

●	ISMARTBT	43080328
○	ISMARTBTWH	43080330

SMART PHONE REMOTE CONTROL KIT

iStyle™



ISMARTBT remote with bonus tripod stand.

●	ISMARTBTKIT	43080329
○	ISMARTBTWHKIT	43080331

PA AMPLIFIERS 136
PA MIXER / AMPLIFIERS 136
DIGITAL PA AMPLIFIERS 138
POWER PA AMPLIFIERS 138
CLASS D AMPLIFIER 139
PORTABLE PA AMPLIFIERS 140
LOOP INDUCTION AMPLIFIERS 141
SOUND FIELD SYSTEM 141
TONE GENERATOR 141
PA AMP ACCESSORIES 142

SPEAKERS PA & DJ 144
EVENTS & DJ 144
LOUDHAILERS 145
CEILING PA - 100V 146
HORN PA 148
BOX EXTENSION PA - 100V 149
SPEAKERS 100V LINE 151

MICROPHONES 151
WIRELESS MICS 151
WIRED MICS 154
ACTIVE BEAM ARRAY MICS 157
MIC STANDS/ACCESSORIES 157

AUDIO MIXERS 158

AUDIO SOURCES 159

RACKS 160
AV, PA & SERVER RACK SYSTEMS 160
RACK MOUNT ACCESSORIES 161

PUBLIC ADDRESS

NEW PRODUCTS

LINE OUT CONVERTER

EARTHQUAKE SOUND
Sound That Will Move You.



4-channel signal outputs.

- Signal noise eliminator
- Adjustable output level
- Auto remote amplifier turn-on

HLLC200 01458400

100V COMPACT GARDEN SPEAKER

TOA



Inconspicuous speaker that the can be installed in shrubberies of a garden.

- Enclosure: Sealed type
- Rated Input: 30W (100V line), 15W (70V line)
- IP Rating: Equivalent to IPX4
- Speaker Component: 12cm splash-proof cone-type
- Dimensions: Dia.270×335(H)mm

GS302 39776030

16CH UHF WIRELESS HAND HELD

TOA



TOA UHF wireless mic system on 578-606MHz band.

- Kit includes 1x WT5810 and 1x WM5225
- Freq Band: 578-606MHz
- 64 different operating frequencies
- Electret condenser microphone capsule
- Compander noise reduction circuit

WS5225H01AS 28732915

PA AMPLIFIERS

PA MIXER / AMPLIFIERS

2 CHANNEL MEDIA MIXER AMP

Hill AUDIO



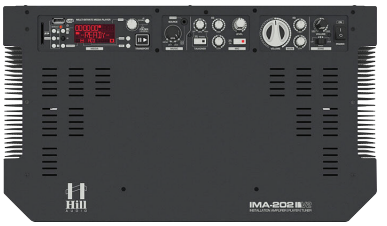
The IMA200 is the one stop solution for many small commercial venues.

- MP3 replay and FM Tuner as music sources
- Microphone input
- 3 Stereo inputs
- Can be configured in stereo, or as dual zone mono

IMA200 01451340

MEDIA MIXER AMP WALL MOUNTABLE

Hill AUDIO



The IMA202 is a wall-mount version of the popular IMA200 rack-mount media amplifier.

- MP3 replay and FM Tuner as music sources
- Microphone input
- 3 Stereo inputs
- Can be configured in stereo, or as dual zone mono

IMA202 01451345

MULTI ZONE AUDIO MATRIX

AUDAC



Multi-zone audio matrix mixer with web based control.

- 4 Line Inputs
- 2 Microphone inputs with priority + 15V Phantom power
- Controls: RS232, Ethernet, Wall Panel, Front
- Remote App available for iPad and iPhone
- Wall panel connections for each zone (input & control)
- TCP/IP and RS232 control functions

4-zones	MTX48	01453370
8-zones	MTX88	01453380

MULTIZONE PAGING & SOURCE

Quest engineering



Q-Matrix 88 is a 3 rack unit multizone paging and source selection system that offers unprecedented flexibility for multizone paging and source routing applications.

- LCD indication for program/local input selection
- Zone output levels
- Paging enable/disable
- Also expandable to 16-zones via a simple CAT5 link cable to a second unit
- Extensive status indication to the user

QMATRIX88 01454080

30 WATT PA AMPLIFIER

DOSS®



2x high sensitivity unbalanced microphone inputs.

- 1x high sensitivity 6.3mm jack input
- 3-band (150Hz, 1kHz, 6kHz) frequency equalizer control
- 4, 8, 16Ω and 100 Volt line outputs
- RMS Output: 30W
- Distortion @ 1 Watt Aux: <0.5%

SA30 01455030

25 WATT PA AMPLIFIER

DOSS®



Compact ruggedly built, simple and reliable to use, the SA25 is a general purpose amplifier to suit all small PA applications.

- Single Speaker Output 4~16Ω
- Alarm: Siren / Fog
- Rated Output: 25 Watts @ 4Ω (AC)
- Spring Terminals x 2
- Inputs: Mic -50dB, Aux, Aux1-2 - 22dB

SA25 01455055

MULTIPLEX AMPLIFIERS

SHOW



These professional public address amplifiers are specially designed for use in small hotels, super-markets, churches, convention halls and schools. High performance, excellent sound quality and hassle-free operation make these amplifiers an easy choice for installations.

- 1 AUX / 1 Master volume control
- 2 Treble/Bass controls

3 inputs	60W	PA60	01455090
4 inputs	120W	PA120	01455095
4 inputs	240W	PA240	01455100

240W 4-ZONE MULTIPLEX AMP

SHOW



Solid, versatile, economical and easy to use.

- Inputs include 4x Mic and 1x AUX with independent volume control
- 4-Zone outputs with independent volume control
- Output: RMS 240W / MAX 330W
- MP3 player module included, accepting USB and SD cards

MPA240S 01455105

MULTIPLEX AMPLIFIER

SHOW



Four zone selectors for each output channel with LED indicator and 5-channel independent inputs with gain, treble, bass, and volume control. In addition, MA-4075 also combines 5-channels of operation, power amplifier, balanced XLR combo inputs and stereo phone and monitor outputs.

- 4x independent channels
- 5x sets of gain, treble, bass and volume controls
- 5x groups VU meter for output level
- 3x XLR+1/4 TRS combo input and 2x RCA inputs
- Phantom line inputs

MA4075 01455110

4 INPUT CLASS D MIXER AMP

TOA



Compact mixer amplifier for small to medium installations.

- 100 & 70V lines and low-impedance - 4Ω
- 5 band parametric EQ, on each input & output
- Mute control
- Remote volume & Power On/Off switch
- 4x Inputs - Input 1 & 2 Mic or Line

60W	A5006	01458014
120W	A5012	01458016

1700 SERIES MIXER/POWER AMP

TOA



Featuring multiple mic inputs as well as three auxiliary inputs, the A-1700 Series of amplifiers have three different power ratings to select from depending on the venue. These units offer efficient mixing of as many as 9 different inputs. If more aux inputs are required, mic inputs 5 and 6 can be switched over to accept line level inputs.

- Inputs: 6x Mic, 3x Aux
- 4-16Ω / 100V output
- 2-Zone Capability
- Phantom Power Provided
- Remote control

60W	9.3 kg	A1706	01458018
120W	12.6 kg	A1712	01458019
240W	13.5 kg	A1724	01458020

1800 SERIES MIXER/POWER AMP

TOA



TOA's A-1800 mixer/power amplifiers are designed for maximum versatility for any PA requirements such as schools, offices and other intermediate size environments.

- Inputs: 3x Mic, 3x Aux
- 2-zone capable
- Chime on input
- 4-16Ω / 100V output

60W	9.4 kg	A1806	01458025
120W	12.6 kg	A1812	01458027

TOA 100V LINE ONLY PA AMP

TOA



Budget high performance 100V mixer PA Amp.

- 100 Volt output
- 3 balanced XLR microphone inputs with phantom power on Mic 1
- Vox muting on Mic 1
- Bass and treble control with boost and cut
- 50Hz to 20kHz frequency response

120W	With tones	A2120DT	01458080
240W	With tones	A2240DT	01458083
240W		A2240D	01458090
120W		A2120D	01458095
60W		A2060D	01458113
30W		A2030D	01458118

VOICE ANNOUNCEMENT BOARD

TOA



Playback only voice announcement.

- Suits the VM2000 & VX2000 series amplifiers
- 128MB Compact Flash Card pre-installed

EV200M 01458127

240W SCHOOL PA AMPLIFIER

PRIME



The QSM-624ET is a high quality PA Amplifier providing 240 Watts RMS of power. This unit is used by schools and has been designed in a 2RU chassis to meet a wide range of professional public address applications. Sturdy construction and circuit design ensures maximum performance with long term reliability.

- 115V AC / 240V AC / 24V DC operation
- Pre-announcement chime
- Bell tone generator
- Alert tone generator
- Evac tone generator to AS1670.4 Standard

QSM624ET 01459200

60W CLASS-D MIXER AMPLIFIER

YAMAHA



Yamaha's smart simple solution for small to medium installations.

- 1x 60W at 70V/100V
- 2x 30W at 4Ω
- 3 stereo inputs and 2 microphone inputs
- Advanced DSP functions for music and microphone playback
- Can be expanded by adding a PA2030 power amp
- Remote volume control and microphone on/off switching via the optional DCP1V4S

MA2030A 01459420

2X 120W - 1X 200W DSP AMPLIFIER

YAMAHA



A smart simple solution.

- Power O/P: 1x 200W / 2x 120W
- Inputs: 6 Mic/Line inputs & 2 Stereo inputs
- Switchable for Lo-Z and Hi-Z speaker systems
- Optional remote DCP: (Max 2) DCP4V4S, DCP1V4S, DCP4S
- DSP Features for Enhanced Music & Microphone Operation

MA2120 01459423

26 X 8 MATRIX MIXER PROCESSOR

YAMAHA



The ideal Digital Signal Processor for small to mid-size commercial applications.

- Newly developed digital audio transmission format YDIF
- Versatile Input/ Output configuration
- SD Memory Card Slot for playback
- Flexible external control
- Two digital effect processors
- Easy setup and parameter control with MTX-MRX Editor

MTX3 01459470

34 X 16 MATRIX MIXER PROCESSOR

YAMAHA



The ideal Digital Signal Processor with Dante for small to mid-size commercial applications.

- Versatile Input/ Output configuration
- SD Memory Card Slot for playback
- Flexible external control
- Two digital effect processors
- Easy setup and parameter control with MTX-MRX Editor
- On-board Dante network port

MTX5D 01459480

8CH INPUT / OUTPUT CARD

YAMAHA



- 96kHz Compatible 8-Channel Analogue I/O card

MY8ADDA96 01459485

PAGING CONSOLE FOR MTX88

AUDAC



The MPX88 paging microphone is specifically designed for use in combination with MTX88 matrix system.

- 8-Zones
- Glass front panel with an anti-glare coating
- Capacitive touch buttons
- Integrated chime tone
- Pipe-neck cardioid microphone
- Zone selection and data bus indicators

MPX88 28656268

MICROPHONE LINE AMPLIFIER

TOA



Desktop dynamic moving coil microphone.

RU2001 28977502

DIGITAL PA AMPLIFIERS

DIGITAL ANNOUNCER

TOA



- Record up to 4 playback messages (total max. 6mins)
- Built-in timer repeats messages at various time intervals
- Built-in 3W/8Ω amplifier section to directly connect speakers
- Input/Recording input : Mic/Line changeable
- Frequency Response: 20Hz-20kHz ±3dB (1kHz)
- Power supply: external 24V DC/400mA or AD-246 AC adaptor

EV20RP 01458940

2X 1600W POWER AMPLIFIER

CAMCO



The D2 model utilises a Hybrid Class H amplifier engine, offering a smooth and responsive handling throughout the power range.

- Rated Power (2x 2Ω): 1600W per channel
- 2400W output through 8Ω mono bridged mode
- Max output voltage: 110Vp / 220Vpp
- S/N ratio: 115dBA (110dB)
- THD+N (typical): <0.01%
- Net weight: 9.4kg
- Dimensions: 483x88.9x419mm (2RU)

DPOWER2 01618985

POWER PA AMPLIFIERS

STEREO - DUAL MONO POWER AMP

Hill AUDIO



Ultra versatile power amplifier for commercial installations.

- Power Output: 2x 80W at 4Ω
- Stereo and parallel mono operation modes
- Mono-summing option for two incoming stereo signals
- Additional rear volume controls
- Front volume controls can be disabled
- Noiseless convection cooling
- Over-temperature protection

IPA200 01451363

4 X 450W @ 4Ω POWER AMP

Hill AUDIO



A contractor compact, powerful and easy-to-handle 4-channel amplifier to drive multichannel low-impedance loads.

- Linear quadruple power amplifier
- Bipolar transistor output stages, 2Ω stable
- 2+2-channel dual block design
- Stereo, parallel mono and bridge operation modes for each amplifier block
- Digitally controlled limiter

QPA2800 01451365

STEREO POWER AMPS

AUDAC



Audac energy efficient dual Class D power amplifier.

- Lightweight Class D amplifier
- 8Ω per channel
- Convection cooled
- Advanced protection
- Stereo, parallel and bridged mode

2x 150W	EPA152	01453395
2x 250W	EPA252	01453400
2x 500W	EPA502	01453405

4CH POWER AMP

AUDAC



Audac energy efficient dual Class D power amplifier.

- Lightweight Class D amplifier
- 8Ω per channel
- Convection cooled
- Advanced protection
- Stereo, parallel and bridged mode

4x 100W	EPA104	01453410
4x 250W	EPA254	01453415

4X 120W 100V QUAD POWER AMP

AUDAC



Professional 100V Multi-Channel Power Amplifier.

- 4x 100 Volt outputs
- 4x 120W output
- High-pass filter switch (400Hz)
- DC malfunction, short circuit, overheating, overload, protection

CAP412 01453416

4X 480W 100V QUAD POWER AMP



Professional 100V Multi-Channel Power Amplifier.

- 4x 100 Volt outputs
- 4x 480W output
- Class-D Amplifier Technology
- XLR Signal Linkthrough
- Advanced Protection circuit
- Temperature controlled fan
- High pass filter switch & signal limiter

CAP448	01453418

16X 60W CLASS D AMPLIFIER



Professional 16-channel power amplifier.

- 60 Watts to 4Ω loads - 16-channels
- Bridge mode, it can deliver 120 Watts to 8Ω loads to the 8 bridged outputs
- DC malfunction, short circuit, overheating, overload protection

DPA616	01453420

STEREO AUDIO POWER AMPLIFIER



Provides manual or remote volume control.

- Amplifier Type: Stereo Class-D
- Provides volume level indicator
- Provides 3 IR path remote control

PRO1358	01454132

280W POWER AMPLIFIER



Studio quality sound designed for AV installations and high end commercial installations.

- Power Output: 280W
- Transformerless outputs - 70/100V or Low Impedance Operation
- Thermally Controlled Fans
- Selectable 80Hz high-pass filter on each output
- Built-In Limiter Circuit
- Auto-Sleep Function
- Available in 1, 2 or 4-Channel Models

1ch	QX1280	01454135
2ch	QX2280	01454137
4ch	QX4280	01454139

QA SERIES STEREO POWER AMPLIFIER



Quest QA Series power amplifiers are built to work hard in the tough environment of pro audio. Industrial spec multi-speed fans and generous heat sinks will keep the output stage cool even if the amplifier is installed in a dusty and poorly ventilated area.

- Pro-active protection
- Silent switch on/off
- High current power supply
- Dual heavy-duty, industrial spec fans
- Built-in switchable X-overs
- Selectable Gain settings
- Easy access air filters

2x 575W	2RU	17kg	QA1004	01454180
2x 875W	2RU	21kg	QA2004	01454185
2x 1100W	2RU	23kg	QA3004	01618975
2x 1700W	3RU	35kg	QA4004	01618978

120W POWER AMPLIFIER



The TOA P-1812 Booster Amplifier can be connected to an A-1800 Series amplifier's line out which provides an optimal level and impedance to efficiently drive the P-1812.

- Switchable input levels
- Emergency control

P1812	01458029

240W POWER AMPLIFIER



TOA's P2240 Power Amplifier is designed to complement the A2000 Series of Mixer Power Amplifiers and is consequently a highly cost effective solution to the demands of PA applications.

- 240 Watt 100 Volt, 70 Volt or low impedance outputs
- Volume, bass and treble control on front panel
- Line level in and out for cascade operation
- 100 Volt line input 50Hz or 20kHz frequency response

P2240	01458120

60W POWER AMPLIFIER



Compact low and high impedance power amp.

- Ideal compliment to the MA2030
- 1x 60W Hi-Z, 2x 30W Low-Z
- Speaker Eq via dip switch's
- Space-saving 1U half-rack size

PA2030A	01459425

XMV SERIES MULTI-CHANNEL POWER AMP

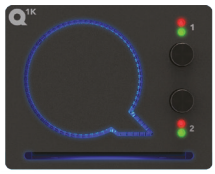


XMV Series multi-channel power amplifiers combine Class-D efficiency with features designed specifically to benefit commercial installation sound systems.

- High impedance and low impedance … or both
- A perfect match for the MTX Series Processors
- YDIF and Dante ports
- Double Power Mode function effectively doubles the output power of selected channels

4CH	140W (8Ω) / 125W (70V)	XMV4140	01459490
8CH	140W (8Ω) / 125W (70V)	XMV8140	01459494

2X 500W COMPACT POWER AMP



Australia made compact power amp.

- Power Output: 2 x 500 Watts
- ¼ rack width wide, by 2RU high
- Low and High impedance
- Low and High pass filters
- Optional URAK1 rack mounting kit

Q1K	01618980

3-CHANNEL POWER AMP



Single power amp for Sub / Sat solution.

- 2x 350W at 4Ω for Satellites
- 1x 610W for Subwoofer
- Sub Volume level
- Left & Right input Level
- Inputs: Female XLR
- Outputs: Speakon

QM1000P	01618984

CLASS D AMPLIFIER

2CH CLASS-D PA AMPLIFIER



Class D PA amplifier with Stereo mode and Bridge mono mode.

- High current switching power allowing high power output with low noise and low distortion
- Substantial protection circuitry such as thermal, short circuit, power on/off muting
- Balanced XLR-TRS combo input jack
- Signal, Clip protect and Power LED indicators to monitor status

180W @ 4Ω	D150.2	01455130
300W @ 4Ω	D300.2	01455135

4X 240W CLASS D PA AMP

REDBACK



4ch Class-D design amplifier with four independent 240W power amplifiers built-in a single 1RU 19" rack mount chassis.

- Power output: 4x 240W RMS
- Speaker output: 100V constant voltage
- Input sensitivity: ±385mV / 20kΩ balanced
- Frequency response: 80Hz - 18KHz (+1dB,-3dB)
- Signal to noise ratio: =85dB
- High temp, overload & short circuit protection

	A4314	28656886

PORTABLE PA AMPLIFIERS

BLUETOOTH PORTABLE 40W PA SYSTEM

behringer



All-in-one portable PA system with full Bluetooth connectivity.

- Connect your iPod, iPhone, iPad or any other MP3 player via Bluetooth
- AC & battery operated with up to 12 hours continuous use per battery charge
- High-quality dynamic microphone with cable included
- 2 microphone inputs & mixer
- Aux input
- 2-band EQ
- 8" woofer and high-resolution tweeter
- 35mm pole-mount socket

	MPA40BT	01452930
Transport handle	MPA40BTPRO	01452935
Transport handle + Wireless mic	MPA40BTPROPACK	01452940

PORTABLE PA AMPLIFIER

SoundArt



SoundArt compact 2-way, 2-channel music and mic portable PA amplifier.

- Microphone input with volume and echo controls
- Music channel with L&R RCA input, USB & SD card ports with volume play/ pause and track select controls
- Master volume, Treble and Bass controls
- RCA left, right output sockets
- 20cm heavy duty speaker and HF horn
- Sturdy High Density Polyethylene construction with carry handle
- Recessed hat to suit speaker stand

30W	MMA30	01453047
60W	MMA60B	01453049

50W PORTABLE PA WITH CD/MP3

OKAYO



This compact portable PA system features a sturdy, lightweight injection moulded cabinet. The system includes a high power 50W RMS amplifier and can be supplied with an MP3 compatible anti-skip CD player and up to two wireless microphone receivers.

- Compact design sets up in just seconds
- Rugged lightweight cabinet
- MP3 compatible CD player
- Built-in backup battery
- Optional radio microphone receivers (794-806MHz)

	C7184B	01453051

30W PORTABLE PA SYSTEM

OKAYO



UHF & MP3 Model: Includes UHF receiver plus an additional MP3 player which accepts both USB stick or SD card.

- Provision for an additional UHF module
- Compact design, weighs only 4kg
- Inbuilt carry handle
- Sets up in seconds
- Desk, stand or wall mount
- High performance 30W RMS amp

	C7210	01453060

65W PORTABLE PA WITH DVD & UHF

SoundArt



SoundArt PWA-65-D 65 Watt UHF Wireless Dual-Channel rechargeable unit. Dual-Channel Unit (PLL Synthesised System with 16 Selectable Frequencies), which can be used with the included hand-held mic, or the Transmitter with a lapel or headset mic.

- All-in-one compact design: everything you need is in one place
- Channel: Double channels and double wireless microphones
- Sensitivity: 10dB μ V (S/N is over 60dB)
- Frequency Range: VHF 165-265MHz / UHF 450-960MHz
- Oscillating Mode: ±0.005% quartz oscillating locked. PLL

	PWA65D	01453080

100W PORTABLE PA AMP

SoundArt



SoundArt PWA-100-D 100 Watt UHF Wireless Dual-Channel rechargeable portable PA Dual-Channel Unit (PLL Synthesised System with 16 Selectable Frequencies), which can be used with the included hand-held mic, or the Transmitter with a lapel or headset mic.

- All-in-one compact design: everything you need is in one place
- Power Source: AC: 110V to 250V or DC: ±18V 5AH x3pcs
- Channel: Double channels and double wireless microphones
- Frequency Range: VHF 165-265MHz / UHF 450-960MHz

	PWA100D	01453088

ULTRA COMPACT 80W PORTABLE PA

rare AUDIO



Rare Audio RAWRB80 80 Watts portable PA system.

- 2x UHF wireless microphones
- iPod dock
- Inbuilt rechargeable battery
- Master, Treble and Bass controls
- Voice priority switch
- Protective cover bag
- Ultra compact

	RAWRB80	01453098

UHF WIRELESS PORTABLE PA SYSTEM

SHOW



This UHF portable PA system comes with a wireless microphone.

- Power output: 20W (max.)
- 6.5" paper cone speaker, 6Ω
- Two unbalanced 6.3mm jack inputs for mic
- One unbalanced 6.3mm jack for AUX/ CD sensitivity, REC. out
- Mic 1-input could be automatically switched to wire and wireless Mic

●	with headset mic	WA380/UB8P	01453115
●	with handheld mic	WA380/UB8H	01453120
	Spare UHF module	WTU811	01453122
	Spare UHF mic	UB8H	01453124
	Spare bodypack transmitter	UB8P	01453126

NYLON CASE FOR CS2513

DJ-Tech



Nylon Case for DJ-Tech CS-2513.

	CS2511	01453131

HANDHELD PORTABLE SOUND SYSTEM

DOSS®



- 27W output power brings you extraordinarily loud but clear sound
- Built-in rechargeable battery guarantees as long as 8 hours of operation
- Wired microphone connection (unbalanced 6.3mm jack)
- Microphone included
- MP3 playback via SD/USB

Wired mic	PM55B	01453300
Wireless UHF mic	PM55UHF	01453320

40W RMS PORTABLE SOUND SYSTEM

DOSS®



- DVD/CD/USB player
- Upgradeable to diversity wireless receiver system (empty slot)
- Power mixer
- 2-way full range 8" speaker
- Auto charger
- Rechargeable battery built-in
- Trolley and roller

	DOS12	01453340

PORTABLE MOBILE AMP

TOA



TOA's mobile DC powered amplifiers are designed to combine full working versatility with rugged mobility.

- Easy installation in practically any 12V battery equipped car
- Compact, rugged construction and front panel controls
- Unidirectional dynamic microphone with talk switch

15W	CA115	01458150
30W	CA130	01458155
60W	CA160	01458160

10W WAISTBAND PA SYSTEM

SHOW



Wear this high performance, Hi-Fi amplifier on your waist, and with the tiny ultra sensitive mic to boost your voice at a presentation, party, school event, performance ballpark, or even at your own back yard.

- Built-in high efficiency 2.5" paper cone speaker
- Light weight and small enough to carry in a briefcase
- Max. 10W Class D power output
- Recordable MP3 player with USB / SD interface
- Include one high quality and great directionality condenser clip-on Mic

	WAP10R	28016015

LOOP INDUCTION AMPLIFIERS

PORTALOOP SOUND SHUTTLE



The LA90 is a powerful inductive loop that empowers people with hearing disabilities to clearly hear what's happening around them.

- Ideal for counters, reception desks, etc.
- Plug and play installation
- In-built charging system, will run for up to four hours using its own internal power
- 16V DC power pack with 1.8m cable (included)
- Mic input, headphone output
- Suits hearing aids equipped with a T-Coil or inductive loop receivers
- Comes with 3 aesthetically pleasing colour inserts to ensure LA-90 blends into any environment

	LA90	01451116

PROLOOP INDUCTION LOOP AMPLIFIER

HUMANTECHNIK



The PROLOOP amplifier family is designed for professional use in medium-sized rooms (up to 170m²) in private buildings and public facilities, in which particularly high dependability and extremely reliable operation are required.

- Short circuit proof
- Programmable, balanced XLR inputs
- Automatic fuse reset
- Display for mains connection, input level and induction loop current
- Convenient monitoring of the magnetic field: Can be done using headphones or speakers
- Treble control to compensate for treble losses due to reinforcement

62 x 295 x 188 mm	PROLOOPC	01451125
88 x 438 x 280 mm	PROLOOPDCCPLUS	01451127

PROFESSIONAL LOW OVERSPILL

HUMANTECHNIK



The Proloop LOS is the complete low loss hearing Loop solution in a single unit.

- Uniform coverage throughout the room (no dead spots in the middle of the room)
- No signal fluctuations when hearing-aid users move around
- Reduced sensitivity to architecture-related magnetic fields
- High efficiency, low power consumption
- 19" 2 RU rackmount enclosure
- Well suited for retrofitted installation in theatres, cinemas, concert halls, schools, conference rooms

	PROLOOPLOS	01451128

SOUND FIELD SYSTEM

CLASSROOM VOICE LIFT SYSTEM

TOA



Clear speech shouldn't be a barrier to learning.

- Increases intelligibility and clarity for the students
- Reduces vocal stress for the teacher
- Assists in retaining students' attention
- Ceiling Mounted 20W Speaker
- Plug 'n' Play installation
- Control unit has 3 Aux inputs

	IR800CVS	01453250

TONE GENERATOR

TONE GENERATOR & MESSAGE



Custom tracks.

- Inbuilt tone & phrase library
- 12-30V DC operation @ 300mA
- Terminations via screw terminals
- SD card included
- Tones conform to Australian standard
- Provision for voice over in evac mode

	A1741	01456003

EVAC TONE GENERATOR

REDBACK



- Alert, Evac & Bell tones
- Front switches or rear Remote trigger contacts
- Evacuation tones conform to AS1670.4
- Individual switched 24VDC output for strobes in alert & evac modes

	A4572	01456005

24/7 TIMER & EVAC GENERATOR

REDBACK



MP3 audio format for Bell, Pre-bell and Music timing outputs.

- Local push button operation of Alert, Evac and Bell
- Switched 24V DC output for Bell, Alert or Evac mode
- 24V DC operation
- 10 Year Warranty

A4500A 01456012

PA AMP ACCESSORIES

6-ZONE 100V VOLUME CONTROL

AUSTRALIAN MONITOR



RMA1006 volume control.

- 100 Volt line
- 6x 100 Watts
- Off position
- 10 Volume steps
- 2 RU mount

RMA1006 01450985

WIRELESS RECEIVER MODULE

TOA



Add wireless capabilities to your WA1822.

- Portable PA System with this UHF Space
- Diversity Tuner Module

WTU4800 01453035

HANDHELD MIC TO SUIT C7184

OKAYO



96-channel UHF. 640-664MHz.

- Textured body
- Requires 2x "AA" batteries, either alkaline (14 hour use) or rechargeable (11 hours use)

C7193B 01453053

BELTPACK TRANSMITTER

OKAYO



Beltpack Transmitter to suit the OKAYO C7184 & C7210 portable PAs.

- Compact & lightweight with metal housing
- Fitted with 3.5mm jack socket
- On/Off/Mute switch

C7195 01453054

LAPEL MIC TO SUIT C7195

OKAYO



Lapel Microphone to suit C7195 Beltpack.

- Fitted with a 3-Pin mini XLR connector

C7197A 01453055

SPARE HANDHELD MICROPHONE

SoundArt



Spare mic for PWA series.

- 520MHz

Yellow frequency PWAHHMA 01453102

BELTPACK - LAPEL & HEADSET MIC

SoundArt



Suits PWA series.

PWABPLH 01453106

SPARE SKIN HEADSET MICROPHONE

SoundArt



Suits PWA series.

- Requires PWAB Belt pack transmitter

PWAEML 01453108

HEADSET MICROPHONE ONLY

JADE

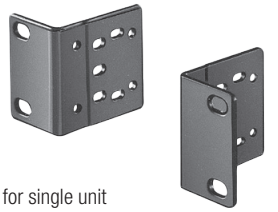


- Accessory Headset Microphone
- Suits PWA portable amplifiers

PWAHSM 01453109

IRU RACK MOUNTING BRACKET

TOA



- Rack Bracket Kit for single unit

MB15B 01453270

RACK MOUNT BRACKET

SHOW



Rack mount brackets for Show MPA/MA Series 2RU Amplifiers.

MBE50 01455115

A2000 SERIES RACK MOUNT EARS

TOA



Rack Mounting Brackets for A900II, A2000, A1700, A1800 series Amps (2 RU).

MB25B 01458129

100V LINE TO LOW LEVEL ADAPTOR

REDBACK



- Screw terminals for 100V input
- 3-Pin XLR mic socket
- 2x RCA auxiliary socket
- Requires no power
- Minimal loading or signal loss
- Balanced or unbalanced output

A4903 01458191

6-ZONES 100V SPEAKER SELECTOR

AUSTRALIAN MONITOR



The Zoned Out is a simple way to have up to 6-zone output zone switching in your installation.

- 100 Volt output switcher
- 6-Zone outs

ZONEDOUT 01458232

DUAL PHANTOM POWER SUPPLY



The JUICED UP is a 2-channel phantom power supply that features balanced XLR inputs and outputs per channel.

- Operates via the supplied external power supply or two on-board 9 Volt batteries
- Will supply 12V DC phantom power from battery power and 42V DC phantom power from an external power supply

JUICEDUP 01458235

31-BAND GRAPHIC EQUALISER



Used wherever modification of the frequency contour of a sound system is needed.

- High definition EQ
- High performance/low noise circuitry

31FEQ 01458255

15-BAND STEREO GRAPHIC EQ



- FBQ feedback detection system
- Balanced Inputs & Outputs
- Ultra low noise Op Amp
- Shielded Toroidal power transformer
- Mon Sub Woofer Output
- Low Cut Filter

FBQ1502 01458285

70V/100V LINE CONVERTER



Put simply, the MTR150 converts your amplifier's speaker output to a 100V line.

- Low impedance outputs
- Cabling is expensive for most mid-range jobs
- Output is in stereo
- Massive cable runs (100+ metres)

MTR150 01458355

PASSIVE HUM ELIMINATOR



"Hum" noise is a common problem in sound systems, even with the volume control set at minimum level. The HEB-100 is a low-cost tool that you can use to prevent the "hum" caused by ground loop. This unit can also act as a converter of unbalanced signals.

HEB100 01458360

XLR & RCA CONVERTERS



Convert balanced 3-pin XLR to Unbalanced 10K 2x RCA or vica versa.

- With level control

XLR to RCA	A2513	01458365
RCA to XLR	A2514	01458366

2-WAY STEREO CONVERTER



The MQS75 converts consumer level stereo RCA signals to balanced XLR professional line level, and back. It is the ideal solution for connecting audio sources like CD players, camcorders etc to professional devices like mixing boards, signal processors and associated amplifiers.

- Acts as a balanced XLR line level control
- Individual volume level controls for line 1 and 2
- RCA to XLR and XLR to RCA conversion

MQS75 01458370

MIC SPLITTER COMBINER



For running two mixers from the one microphone – for example broadcast and PA.

- Input impedance: 600Ω
- Output impedance: 600Ω
- Dimension: 95x73x40mm
- Weight: 305.5g

MQS31 01458375

DUAL CHANNEL HUM ELIMINATOR



Australian Monitor Buzz Off contractor tool.

- Two channel
- Balanced (XLR) and unbalanced (RCA) ins & outs

BUZZOFF 01458378

HUM CLEANER



To solve the hum issue.

- XLR and TRS connector for balanced inputs and outputs
- Stereo balanced and unbalanced output level control
- Input selector switch
- Comes with an external power supply
- Low noise
- Low distortion circuitry

HUM KLEANER 39816226

MINI MIC PREAMPLIFIER



For when you need to connect a low-impedance or condenser microphone to a high-impedance mixer input, a PC sound card, a powered speaker or possibly an instrument amp.

- Input Impedance: 10kΩ
- THD: <0.01%
- IMD: <0.01%
- Output gain: 50dB (XLR), 44dB (6.3mm)
- Size: 113x73x40mm
- Weight: 349g

MQS51 01458385

CABLE DETECTIVE



The MQS-52 features a full selection of standard pro audio connectors for testing the five basic types of cables used widely in pro audio.

- Jacks: XLR, Phone Jack, Stereo RCA, DIN
- Weight: 367.5g
- Dimension: 113x73x40mm

MQS52 01458390

YAMAHA RACK MOUNT KIT



Dedicated rack-mount kit for MA2030 and PA2030.

- Holds 2x MA2030/ PA2030 amps

RKH1 01459430

MOUNTING EARS FOR XJ300ST



RM300FR 39816004

SPEAKERS PA & DJ

EVENTS & DJ

EXTENSION SPEAKERS

SoundArt



The SoundArt PWA-100EXT-SPK Extension Speaker is a matching extension speaker for PWA-100-D/M units.

- Turn your PWA into a twin speaker PA system
- Identical drivers, look and sound of the PWA-100
- Simply plugs into the extension speaker output on your PWA unit

	PWA100EXTSPK	38903360

2-WAY ULTRA COMPACT MID-POWERED SPEAKER

Quest engineering



The Quest Q-motion series has been designed for audio professionals and is particularly suited to the world of equipment rental, club installation and compact touring, with components designed to handle pro stage environments while maintaining the highest sonic fidelity.

- Ultra compact timber 2-way speaker
- Power Handling (Nominal): 200W
- Frequency Response ± 3dB: 80Hz - 20kHz
- Maximum SPL (@1m): 120dB
- 8Ω impedance
- Directivity 90° x 60° CD Horn
- 2x Speakon connectors

	QM108	39654220
Wall bracket to suit	QM108BR	39654223

12" 2-WAY 350 WATT SPEAKER

Quest engineering



The QM350i 12" + 1" horn is a multi-purpose passive speaker system designed for professional mobile live sound applications and installations where a mid powered versatile FOH or fold-back monitor as required.

- Passive front of house compact fold-back monitor
- Rotatable 1" HF horn flare
- Asymmetrical wave-guide for both long throw and local wide dispersion
- High impact steel protective front grill
- Power Handling: 400W RMS
- Frequency Response: 60Hz-19kHz (±3dB)
- Sensitivity: 95dB @ 1kHz

	QM350I	39654226
Wall bracket to suit	WB350I	39654228

8" 2-WAY ACTIVE SPEAKER

Quest engineering



Small band fold-back or PA, audio visual presentation, high SPL compact audio monitor, mid power distributed systems, where ever you need compact portable or fixed full bandwidth audio, the QSA200i is a tremendously versatile powered PA package.

- 2-channel independent XLR mic/line inputs
- XLR line out with mix add function
- 100W output

	QSA200I	39654260
Pan Tilt Wall Bracket	WB150200	39654263

WEATHERPROOF 10" 2-WAY WIDE DISPERSION SPEAKER

RCF



The P2110 is a weatherproof full range, wide-dispersion, coaxial two way loudspeaker system offering substantial power and efficiency for a variety of professional indoor or outdoor applications.

- Weatherproof cabinet
- Aluminium grill and stainless steel bracket
- One RCF Precision Neodymium 1" Compression Driver with 1.5" voice coil
- 90° x 40° constant directivity horn
- 10° x 20° enclosure sides for array configurations
- LICC (Low Impedance Compensated Crossover) network
- Active Mosfet Compression Driver Protection

	P2110	39734230
Cluster bracket	ACP10ABR	39734232

COMPACT HIGH DEFINITION LOUDSPEAKER

Quest engineering



- 600W RMS Power handling
- Custom HF wave guide
- 70Hz-18kHz (±3dB) Freq response
- SPL @ 1m 130dB
- Impedance 8Ω
- 10" high power neodymium woofer
- 1.4" exit neodymium compression driver

	HPI110	39734235
2 speaker extension arm kit	KITQR3X	39734237

ULTRA COMPACT TIMBER SPEAKER

Quest engineering



Ultra Compact High Output passive speaker.

- Low frequency: 5" Woofer
- High Frequency: 1" Ferrite Compression Driver
- Frequency Response: 75Hz-19kHz
- Sensitivity: 90.5dB
- Directivity: 100° x 60° [horizontal x vertical]
- Optional Wall/Ceiling bracket available

	HPI5	39734241

WALL/CEILING HPI5 BRACKET

Quest engineering



Wall/Ceiling Mounting bracket.

- Suits HPI5 speaker

	WBHPI5U	39734242

QUEST 8" 2-WAY PASSIVE SPEAKER

Quest engineering



Multi Purpose passive speaker.

- Rec Amp Power: 320-500 Watts nominal
- Impedance: 8Ω
- Frequency Response: 75Hz-19kHz
- Sensitivity: 91.5dB
- Woofer: 8" High Powered Woofer
- Tweeter: 1" Ferrite Compression Driver
- Connections & Wiring: 2x Speakon 1±

	HPI8I	39734243
Wall Bracket	ACWBHPI8I	39734245

12" FRONT FIRE PASSIVE SUB

Quest engineering



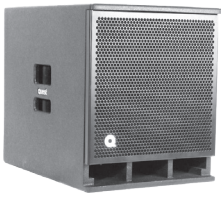
Compact passive sub.

- Rec Amplifier: 480-720W Nom
- Impedance: 8Ω
- Frequency Response: 40Hz-160Hz
- Max SPL: 128dB
- Woofer: Custom Designed 12" Ferrite
- Connections & Wiring: 2x Speakon 1±

	HPI12S	39734248

PASSIVE 15" SUBWOOFER

quest engineering



Passive subwoofer.

- Woofer size: 1x 15"
- Frequency Response: 40-80/200Hz
- Max SPL@1m: 127dB
- Sub Amplifier Power: 650 Watts
- Connections: 2x XLR In. 2x XLR Out
- Dimensions (WxHxD): 450x535x635mm
- Weight: 37kg

QM600SI	39734250

12" TITANIUM PRO PA SPEAKER

Wintal Digital Living



- Feet for standing on floor or table top
- Facility to mount on PA speaker tripod or stand
- Sold as single speaker
- Available as Passive or Active models

Passive		STADIUM12	39814292
Active	200W	STADIUM12A	39814293

DJ QUAKE SET

EARTHQUAKE SOUND Sound That Will Move You.



DJ-Quake 2.1-portable speaker system.

- 4x 4" array speakers and 1 12" subwoofer
- Built-in 1000W amplifier (400W RMS)
- USB/SD, Bluetooth inputs
- Remote control

DJQUAKE2.1	39814330

10" 400W RMS ACTIVE SPEAKER

RCF



Compact size but big sound stage.

- Power Output: 400 Watt RMS, bi-amplification
- Woofer: 10" high power woofer 2.5" voice coil
- Tweeter: 1" HF driver, titanium dome, 1.5" voice coil
- Sensitivity: 127dB max.
- Freq Response: -3dB: 50Hz-20kHz

ART310AMK3	39816188

12" + 1" 400W RMS ACTIVE SPEAKER

RCF



The optimum choice for live sound situations.

- Power Output: 400 Watt RMS, bi-amplification
- Woofer: 12" high power woofer 2.5" voice coil
- Tweeter: 1" HF driver, titanium dome, 1.5" voice coil
- Sensitivity: 128dB max.
- Freq Response: -3dB: 45Hz-20kHz

ART312AMK3	39816190

15" 2-WAY BI AMP POWERED SPEAKER

YAMAHA



- Bass Driver Diameter: 15" cone, Voice Coil: 2.5", Magnet: Ferrite
- Hi Freq: Diaphragm: 1.4", 1" throat compression driver with Magnet: Ferrite
- Continuous Power: 700W (LF: 600W HF: 100W)
- Frequency range (-10dB) 49Hz-20kHz
- Nominal coverage: horizontal 90° / Vertical 60°

DXR15	39899160

18" POWERED SUBWOOFER

YAMAHA



The DXS 18 achieves best in class SPL of up to 136dB.

- Speaker type: 18" Powered subwoofer, Band-pass type
- Frequency range (-10dB): 32Hz-120Hz
- Low Freq Component: 18" cone, Voice Coil: 4"
- Output power: Dynamic: 1020W / Continuous: 800W

DXS18	39899175

LOUDHAILERS

10W MEGAPHONE WITH SIREN

TOA



Ideal portable communication for schools, sports, factories, etc.

- Rated (Maximum) Output: 6W (10W Max.)
- Battery Life: Approx. 8-10 hours
- Audible Range: Approx. 250m
- ABS resin construction with nylon strap

○	ER520	28014110
With Siren	ER520S	28014112

15W HANDHELD MEGAPHONE

TOA



The ER-1215 is an easy-to-operate, hand grip type megaphone rated at 15W output.

- Pistol grip with dual function
- Press-to-talk and volume trigger
- Unidirectional dynamic microphone
- Lightweight, rugged construction
- Solid state amplifier for distortion-free sound

○	ER1215	28014217
with siren	ER1215S	28014218

SHOULDER MEGAPHONES

TOA



- High durability ABS or ASA resin construction
- Anti-bacterial treatment for all models (mouthpiece/microphone and handle)
- Compact and lightweight
- Wide frequency range for enhanced audio quality
- Neodymium magnets and Polyimide speaker diaphragms
- Range: 800m (speech) / 1000m (whistle)

15W	210 × 336 mm	1.2kg	ER2215	28014220
30W	351 × 512 mm	3.6kg	ER2230W	28016006

15W HAND HELD OR SHOULDER

TOA



Easy-to-operate, hand grip type 15W megaphone with a removable microphone.

- ABS resin construction
- Polyimide film (voice coil, bobbin) Diaphragm
- Nylon shoulder strap

ER3215	28014230

25W HANDHELD MEGAPHONE

DOSS®



Ruggedly built loud hailer ideal for sports coaching, fairs and outdoor events.

- Lightweight, strong ABS construction
- Comfortable, balanced pistol grip handle with shoulder carry strap
- Press-to-talk switch
- Built-in siren
- Anti-howling microphone

ER55S	28016001

25W HANDHELD MEGAPHONE

DOSS®



ER66S delivers the clear effective voice amplification especially for outdoor activities, such as election, sports,or public occasions.

- Built-in siren
- Hand grip type with shoulder strap
- Press-to-talk switch at the grip
- Press-to-talk switch with sound volume control while on shoulder

ER66S	28016010

CEILING PA - 100V

4" 100V LINE ONESHOT SPEAKER

REDBACK



- Tapped outputs 0.3 to 5W
- Fire Evac type with 22mF bipolar cap
- Overall size (mm): 120 x Ø160

●	4"	0.3~5W	Ø160 x 120mm	SPP1004	38901004
○	4"	0.3~5W	Ø160 x 120mm	SPP1005	38901005

100V LINE SPEAKER & GRILLE



100V speaker with multi-tap transformer.

- 1.5W/3W/6W windings
- Sold individually

5"	1.5 / 3 / 6W	Ø203 x 87mm	SPP1007	38901007
6"	1.5 / 3 / 6W	Ø230mm	SPP1008	38901008
8"	1.5 / 3 / 6W	Ø272 x 83mm	SPP1010	38901010

100V LINE PENDANT SPEAKERS

REDBACK



Ideal for high ceilings and open space environments.

- Wide dispersion angle
- 15W high power tap provides flexibility for music installations
- Selectable power taps via multi-core cable
- Includes ceiling rose for a neat finish
- Choice of black or white casing
- Contemporary off-white colour for architecturally unobtrusive installation

○	C1050	38901015
●	C1051	38901016

5" 10W CEILING SPEAKER EWIS

REDBACK



- Dimensions: Ø189 x 110(D)mm
- Power taps: 1.25, 2.5, 5 and 10W
- Mounting cutout: Ø155mm

C0887	38905010

8" 20W 100V CEILING SPEAKER

Quest engineering



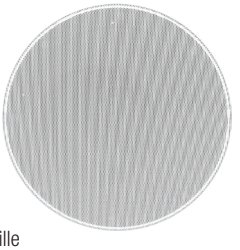
8" Twin cone speaker designed for speech intelligibility.

- Magnetic Rimless grill
- 16Ω or 100V
- 5x taps at rear
- Cut out size: 210mm

QTC1080I	38905011

6.5" 70/100V CEILING SPEAKER

Quest engineering



In-ceiling speaker with same sound stage as MX601.

- Type: 2-Way Ceiling Speaker with Magnetic Rimless Grille
- Drivers: 6" Woofer + 1" Neodymium Tweeter
- Impedance: 16Ω or 100V
- Low Impedance Power: 75W RMS
- High Impedance Power: 40W (100V)
- Frequency Response: 70Hz-20kHz ±2dB
- Maximum SPL: 110dB

MXC601	38905021

5" 2-WAY CEILING SPEAKER

RCF



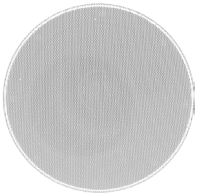
Ideal PA / Background music ceiling speaker.

- Compact design, light weight and limited depth
- 5" Two way bass reflex ceiling speaker
- Tweeter: 1" dome neodymium magnet
- Power Selection: 30W-20W-10W-5W (100V) (60W RMW @16Ω)
- Constant voltage: 100V, 70V (16Ω Bypass)

MQ50C	38905022

6.5" 2-WAY CEILING SPEAKER

Quest engineering



High Intelligibility Ceiling Monitor.

- 6.5" 2-way ceiling speaker
- 16Ω / 70-100V option
- Maximum SPL: 105dB SPL
- Power: 65W RMS
- Sensitivity: 90dB 1W @ 1m
- Magnetic Rimless Grille

QTC2080I	38905023

6" 100V BLACK PENDANT SPEAKER

itc



Elegant Pendant speaker.

- 6" Full Range Driver
- Built-in 100V/70V transformer
- Power Taps at 3.75W, 7.5W, 15W (100V)
- Aluminium enclosure & metal grille
- Security lock ring

T200B	38905035

8" 30W PENDANT SPEAKER

TOA



PE-304 have an outstandingly stylish design that is inspired by the finest lighting fixtures, allowing them to harmoniously blend in with lighting equipment.

- Rated Input: 30W (100V / 70V / 8Ω)
- Speaker: 5" (12cm) cone-type + balanced dome tweeter
- Dimensions: Ø186 × 251(H) mm
- Frequency Response: 70 ~ 20,000Hz (peak –20dB)

●	PE304BK	39654050
○	PE304	39654052

PROJECTION SPEAKER

TOA



Architecturally designed projection speaker.

- Wall or Ceiling mount via swivel bracket
- High & low impedance (100V and 70V & 8Ω)
- Easy to repaint to meet a wide range of design needs
- Sensitivity: 91dB (1W, 1m) (500Hz-5kHz, pink noise)
- Speaker Components: 12 cm (5") cone-type + balanced dome-tweeter

PJ304	39654053

100V 5W SURFACE MOUNT CEILING SPEAKERS

REDBACK



Fitted with a 100V line multi-taped transformer & 4-way wire protected terminal strip with 22uF bipolar capacitor for line monitoring applications in EWIS systems.

- Power taps: 0.33, 0.66, 1.25, 2.5 and 5W

4" (100mm)	100Hz ~ 20kHz	C0703	39737041
8" (200mm)	75Hz ~ 15kHz	C0715	39737044

6W 12CM 100V SPEAKER INCLUDING GRILLE

TOA





Hard covered celling Speaker with grille.

- Speaker: CM760
- Grille: CP77
- Wattage: 6W - 100V
- Speaker size: 12cm
- Plug-in connectors for quick wire hook-up

CM760/CP77 39737095

30W 5" 100V CEILING SPEAKER

TOA



TOA F-Series ceiling Speakers are ideal for music and paging applications such as audio/visual, business music or retail sound systems.

- Special diffuser provides wide off-axis high frequency response
- Ported bass-reflex design
- Co-axial: 5" cone driver and dome tweeter
- Wide-dispersion: 170° conical (1-4k Hz avg.)
- Frequency Response: 70Hz-20kHz
- Sensitivity: 90dB SPL (1W, 1m)

F2352C 39776100

6W 100V LINE CEILING SPEAKER



Separate Type Celling Speakers.

- Domed flush-mount 12cm dynamic cone speaker
- Speaker protected by hard cover
- Plug-in connectors for quick wire hook-up
- Two-branch type bridging terminal for bridging speaker lines

CM960/CP97 39737100

120MM WIDE DISPERSION SPEAKER

TOA



Wide dispersion speaker allows fewer speakers to cover same area.

- 25, 70 and 100V line applications
- Rated Power: 6 Watt at high impedance
- Low Freq: 12cm Cone type speaker
- Quick and easy installation
- High Freq: Balanced Dome
- Mounting Hole: 200mm

F2352SC 39776103

12W 100V SURFACE MOUNT SPEAKER

TOA



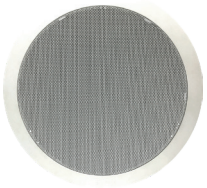
2-way surface mount speaker system has been designed as an ideal ceiling speaker for applications that require high-quality audio.

- Sleek, stylish appearance blends well with modern architecture
- Weather-proof version available, model H-2WP
- Minimum reflection design reduces sound wave reflections
- 2-way, sealed enclosure with high-quality components
- 1" balanced-dome tweeter, Ferrofluid cooled

H2 39776110

15W 8" DUAL CONE EVA SPEAKER

TOA



Budget dual cone ceiling speaker.

- Rated Input: 15W (100V line)
- Tappings: 15W, 10W, 5W, 3W
- Speaker: 8" Dual Cone
- Sound Pressure Level: 96dB

○	PC668RC	39776116
●	PC668BK	39776117

100V LINE CEILING SPEAKERS

TOA



Finely crafted design and off-white colour harmonize with the venue's architecture and decor.

- Easy to installation thanks to TOA's original SUS spring-based installation method

6"	0.8/1.5/3/6W	230Ø x 79mm	PC2369	39776120
8"	0.8/1.5/3/6W	280Ø x 92mm	PC2869	39776125
8"	3/5/10/15W	280Ø x 92mm	PC2852	39776130

4" 2-WAY CEILING MOUNT SPEAKER

YAMAHA



Ceiling mount speaker.

- 4" Full range
- Low and High impedance
- Easy Installation
- Tappings (100V): 30W (330Ω), 15W (670Ω), 7.5W (1.3kΩ)
- I/O Connectors: 1x Euroblock (4P) : (Input: + / -, Loop Thru: + / -)
- Frequency response: 80Hz-20kHz

VXC4W 39776340

6.5" 2-WAY CEILING SPEAKER

YAMAHA



White high performance ceiling speaker.

- 6" 2-way speaker
- Low and High impedance
- Easy Installation
- Tappings (100V): 60W (170Ω), 30W (330Ω), 15W (670Ω)
- I/O Connectors: 1x Euroblock (4P) : (Input: + / -, Loop Thru: + / -)
- Frequency response: 56Hz - 20kHz

○	VXC6W	39776350
●	VXC6B	39776355

8" 2-WAY CEILING MOUNT SPEAKER

YAMAHA



Yamaha sound quality in a versatile commercial ceiling speaker.

- Colour: White
- Bass speaker: 8" cone woofer
- Power Rating: 90W @ 8Ω / 60W @ 100V
- Tweeter: 1" soft dome
- Freq Response: 55Hz-20KHz
- Sensitivity: 90dB

VXC8W 39776360

HORN PA

PRIME SPEAKER/HORN CAGE

PRIME



Solid external speaker cage to prevent theft or damage.

- Size: 330(H) x 430(W) x 350(D)mm
- Construction: Metal with a gold finish

SSUEC 39774024

REFLEX HORN SPEAKER

TOA



TOA's TU series driver units and used for both indoor and outdoor applications as well as for background music reproduction.

- Powder coated aluminium finish

16Ω 30W Driver Unit	TU631	21815912
100V 30W Driver Unit	TU631M	21815915
Ø500 × 394(D)mm	TH650	39775900
Ø600 x 425(D)mm	TH660	39775910

10W 5" HORN SPEAKER/FLARE

NEXT



Ideal for alarm siren and mobile use.

- Frequency Response: 500Hz ~ 5kHz
- Sensitivity: 98 (dB/1W/1m)
- Impedance: 8Ω
- Size: Ø131 x 124(L)mm

	NOI110	39774000

10W 100V EWIS HORN SPEAKER

REDBACK



- Fast installation
- Weather resistant, UV stabilised ABS construction
- Superb speech & music reproduction
- EWIS line monitoring system compatible
- 5 Year Warranty

	C2050	39774006

15W 6" HORN SPEAKER

RPG



All metal construction Horn Speaker. Ideal for alarm sirens and mobile use.

- 6" 15 Watts
- Frequency Response: 400Hz ~ 5kHz
- Impedance: 8Ω
- Sensitivity: 105 (dB/1W/1M)
- Weight: 800g

	CHR615AF	39774032

25W OBLONG 11X7" HORN SPEAKER

RPG



All Metal construction.

- Frequency Response: 350Hz ~ 8KHz
- Impedance: 8Ω
- Sensitivity: 105 (dB/1W/1M)
- Weight: 1.1kg

	CHK11625AF	39774160

100V LINE IP66 HORN SPEAKER

SHOW



This weather proof (IP66) horn speaker provide performance even in the harshest environments. Straight and ultra high power horns give a highly articulate sound performance in high noise areas or at large gatherings of people.

- Round type 100V line horn speaker
- ABS resin for inner horn and rear cover
- Includes line transformer for constant voltage

6"	10W	TC10AH	39774190
8"	15W	TC15AH	39774195
10"	30W	TC30AH	39774200

100V LINE IP66 HORN SPEAKER

SHOW



Square type 100V line horn speaker.

- ABS resin for horn flat, inner horn and rear cover
- Includes line transformer for constant voltage
- Output power selectable from different impedance
- U shaped mounting bracket

10W	SC10AH	39774205
15W	SC15AH	39774210
30W	SC30AH	39774215

100V HORN SPEAKER

RPG



Weatherproof Metal flare with multitapped 100 Volt transformer.

- Sensitivity: >105dB/1W/1m

6"	10W	150Ø x 240mm	XHR610AA	39774701
8"	15W		XHR815AA	39774732
12"	25W		XHR1225AA	39774852

REFLEX INDOOR/OUTDOOR HORN SPEAKER

TOA



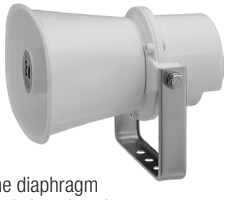
TOA's TC Series reflex horn speakers are designed for both indoor and outdoor paging applications as well as for background music reproduction.

- Two power ratings: 15W and 30W
- Shock-resistant aluminium round horn
- Compliant with IP65

15"	15W	8Ω	TC615	39775800
15"	15W	100V	TC615M	39775810
19"	30W	100V	TC631M	39775830

70V/100V HORN SPEAKER

TOA



SC Series speakers feature newly developed diaphragms employing special heat-resistant fibres impregnated with phenolic resin to prevent the diaphragm from absorbing moisture and changing shape.

- Three power ratings: 10W, 15W and 30W
- Shock-resistant aluminium oval horn
- Compliance with IP65

10W	8Ω	172Ø x 126mm	SC610	39776038
10W	100V	172Ø x 126mm	SC610M	39776040
15W	8Ω	222Ø x 162mm	SC615	39776047
15W	100V	222Ø x 162mm	SC615M	39776048
30W	8Ω	285Ø x 205mm	SC630	39776050
30W	100V	285Ø x 205mm	SC630M	39776063

30W 2-WAY IP66 30W MUSIC HORN

TOA



- IP66 Rated
- Bass: 12.7 cm (5") Coating Rubber Surround
- Treble: High Efficiency Tweeter
- Frequency Response: 120 - 20,000Hz
- Finish: Horn and terminal cover: ABS resin, light grey (RAL7035 or equivalent)

	CS530BS	39776064

6W WATERPROOF MUSIC HORN

TOA



TOA's CS-64 exponential horn has been designed for outdoor use, with a wide range horn that can provide background music or paging announcements which have high quality sound.

- Designed for outdoor use
- The CS-64 features a 6 Watt 100V speaker and a rotary impedance selector

6W	233(W) x 224(H) x 208(D) mm	CS64	39776065

RECTANGULAR WATERPROOF MUSIC HORN

TOA



All CS models are fully weather-resistant to withstand demanding environmental conditions with a sealed enclosure, full-range moisture-resistant cone speaker, stainless-steel mounting hardware and a protective mesh grille. The enclosure is also coated with polyurethane resin paint to resist the fading effects of prolonged exposure to ultraviolet light.

- Lightweight, Sealed Enclosure prevents moisture damage
- Protective Stainless-Steel Mesh Grille prevents speaker damage

15W	CS154	39776066
30W	CS304	39776069

15W WATERPROOF MUSIC HORN

TOA



The TOA CS154 wide range paging speakers are ideal for indoor and outdoor commercial sound system applications for voice or music.

- Weather-Resistant for the demanding environments
- High Sensitivity: up to 98dB (1W/1m)
- Built-In 15W 100V Transformer with screwdriver-adjustable power taps
- Colour Black

	CS154BK	39776067

BLACK WATERPROOF MUSIC HORN

TOA



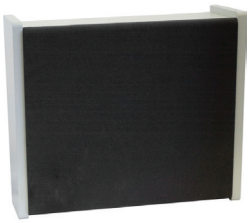
All CS models are fully weather-resistant to withstand demanding environmental conditions with a sealed enclosure, full-range moisture-resistant cone speaker, stainless-steel mounting hardware and a protective mesh grille. The enclosure is also coated with polyurethane resin paint to resist the fading effects of prolonged exposure to ultraviolet light.

- Built-In 30W 100V Transformer with screwdriver-adjustable power taps
- Lightweight, sealed enclosure prevents moisture damage
- Cable strain-relief
- Polyurethane Resin Paint resists the fading effects of ultraviolet light
- Protective Stainless-Steel Mesh Grille prevents speaker damage
- Colour: Black

	CS304BK	39776072

BOX EXTENSION PA - 100V

100V 8" SPEAKER CABINET



Quality construction in light grey with a dark grey front grille. The cabinet has been designed to fit into any home or office decor.

- Sloping front from 123mm at the top to 93mm at the bottom
- Size (WHD): 290 x 256 x 123mm
- Multitapped transformer, pre-wired with screw terminal block connection
- Australian made for over 35 years

Empty (cabinet only)	SF7E	38903304
with volume knob	SF7STV	38903337
	SF7STX	38903352

2-WAY 8Ω - 100V SPEAKER

AUDAC



Stylish, easy to install wall speaker.

- Bass Mid Driver: (4" or 6")
- Tweeter: 1" Dome Tweeter
- 8Ω or 100V line option
- 6-pin custom terminal block
- Clevermount mounting system

●	6"	ATEO6B	39772030
○	6"	ATEO6W	39772032
●	4"	ATEO4B	39772034
○	4"	ATEO4W	39772036

30W ENCLOSED PA SPEAKER

TOA



TOA's BS-1030B 2-way 12cm black dynamic cone speaker has been designed for low and midrange sound output.

- Compact speaker for music and voice paging distribution
- TOA quality and reliability
- Clear, natural sound reproduction
- Wide variety of Indoor/Outdoor applications
- Mounting bracket included

●	BS1030B	39776074
○	BS1030W	39776076

1PAIR 6 WATT 5" 100V SPEAKER

TOA



1 pair Toa surface mount speaker box.

- Speaker: 12cm (5") cone-type
- Power: 6W (100V line)
- Frequency Response: 120Hz-15kHz (-20dB)
- Push-in connector
- Inbuilt Volume Control
- Cabinet: ABS resin
- Colour: Off-white

	BS633AT	39776077

5" 100V LINE TRANSFORMER SPEAKER

Wintal Digital Living



Indoor/outdoor speakers, suitable for music and speech.

- Each speaker has individual tapping and integrated selector
- Woofer: 5" Polypropylene
- Tweeter: 1" Dome
- Selectable tapping: 2 / 4 / 8 / 16W
- Frequency response: 60Hz-18kHz
- Sensitivity: 89dB

●	SPA100VB	39776078
○	SPA100VW	39776080

6W 100V WOOD SPEAKER BOX

TOA



Timber box speaker - ideal for classrooms.

- 1 Pair
- Max.: 6 Watts
- 100V line
- Volume Control
- Can be mounted vertically or horizontally

	BS678T	39776079

WIDE DISPERSION PA SPEAKER

TOA



The new F-1000 and F-2000 Series speaker systems are designed to provide high quality sound and reliable performance for restaurants, retail and audio/visual applications.

- 2-way, bass-reflex design
- Reliable performance for restaurants, retail and audio/visual applications
- For challenging acoustic environments
- All models include a versatile wall/ceiling-mount bracket for easy installation

○	15W	100V	Weatherproof	F1000WTWP	39776086
●	15W	100V		F1000BT	39776089
○	15W	100V		F1000WT	39776093
●	60W	100V		F2000BT	39776099

8" WOOFER 90W PA SPEAKER



This speaker is designed for pure sound in Public Address field. It provides high performance for outdoor and indoor activities by a polypropylene woofer and titanium dome tweeter. Encloses with a compact bracket for easily mounting on-wall or optional custom aluminium bracket.

- 8" polypropylene woofer and one titanium dome tweeter, with two way crossovers
- HIPS cabinet built to handle outdoor conditions
- With transformer winding selector (100V: 30W / 60W / 90W)

CSB175CV	39776135

6.5" 2-WAY IP67 BOX SPEAKER

Quest engineering



High-fidelity weatherproof Loudspeakers.

- Impedance: 16Ω
- IP67 Rated
- Q-Mount Mounting System - UB1

●	6.5"	MX601B	39776193
○	6.5"	MX601W	39776195
●	8"	MX801B	39776197
○	8"	MX801W	39776199

WALL PAN TILT MOUNTING KIT

Quest engineering



MX series wall mounting kit.

- Pan & Tilt
- Suits: MX601 & MX801 speakers
- Available colours: Black & White

●	UB1	39776260
○	UB1W	39776262

CEILING PAN TILT MOUNTING KIT



Quest engineering

MX series ceiling mount.

- Pan & Tilt
- Suits: MX601 & MX801 speakers
- Available colours: Black & White

●	UB2	39776264
○	UB2W	39776266

WEATHER RESISTANT CABLE COVER



Quest engineering

IP67 connector cover.

- Suits MX601 & MX801 speakers
- Available colours: Black & White

●	IPMX1	39776268
○	IPMX1W	39776270

TYPE-H COLUMN LINE ARRAY SPEAKERS

TOA



These speakers provide clear sound with directional focus on the listening area and a low degree of attenuation over distance.

- Short versions have 9x7cm drivers
- Long versions have 16x7cm drivers
- 84mm wide enclosures with high-quality 7cm full-range speaker units

Short Straight	0°	180W	SRH2L	39776200
Short Curved	20°	180W	SRH2S	39776205
Long Straight	0°	360W	SRH3L	39776210
Long Curved	20°	360W	SRH3S	39776215

LONG RANGE HORN ARRAY SPEAKER

TOA



Greater throw distance with less power.

- High intelligibility over long distances
- Ideal for warning and evacuation systems
- 90° horizontal and 15° vertical dispersion
- Rated input power only 50W (100V line)
- Sensitivity: 114dB SPL (1W/1m), 131dB (50W/1m)

HA1010AS	39776218

30W 100V MATCHING TRANSFORMER

TOA



The MT-S0301 Matching Transformer is designed to be installed in the Line Array Speaker.

- Rated Input Power 30W
- Primary Side 100V line: 330Ω (30W), 1kΩ (10W)
- Secondary Side 8Ω
- Weight 370g (0.82lb)

MTS0301	39776220

2-WAY SURFACE MOUNT SPEAKERS

YAMAHA



- Highly adaptable, can combine it with a subwoofer
- Flexible mounting
- IP35 Rated
- Available sizes: 5" & 8"
- Paintable surface: available in black & white

●	VXS5	39776320
○	VXS5W	39776325
●	VXS8	39776330
○	VXS8W	39776335

3" 2-WAY MINI 100V BOX SPEAKER

RCF



2-way mini wide angle speaker.

- 3" woofer
- 0.75" tweeter
- Frequency Response: 150Hz-20kHz
- Max SPL @ 1m: 102dB
- Horizontal coverage angle: 120°
- Constant voltage: 100V, 70V
- Power Selection: 12-6W (100V)

MQ30P	39816185

2-WAY WALL MOUNT SPEAKER



A wall mount monitor speaker designed to guarantee uniform coverage of a large area.

- 2-way bass reflex
- Woofer: 5”
- Tweeter: 2x Horn Loaded Domes
- Low and High Impedance
- Frequency Response: 100Hz-19kHz
- Max. SPL @ 1m: 109dB

●	MQ60HB	39816186
○	MQ60HW	39816187

SPEAKERS 100V LINE

8” 100V 5W LINE SPEAKER



Full range twin cone 5 Watt RMS high quality 8” PA speaker with 100V multitapped line transformer.

- Frequency Response: 1kHz ~ 15kHz

SPP1020	38901020

8” 100V 15W RMS LINE SPEAKER



With concave cone suspension enabling use with flush ceiling type grills. Dual cone. High midrange efficiency especially suited to vocal PA and sound column use. Supplied with a 15W 100V transformer.

- Selectable output: 1.25, 2.5, 5, 10, & 15 Watts
- Freq Response: 100Hz ~ 15kHz

SPP1030	38901030

3 WAY COLUMN SPEAKER



Column loudspeaker providing natural hi-fidelity sound for speech and music.

- 2x 3.5” Woofers
- 2x 3.5” Mid woofers
- 2x 0.75” dome tweeters
- Low and High impedance
- Frequency range 130Hz-20kHz
- Sensitivity: 118dB (80W/1m) max.
- Easy to install

○	MQ100LW	39816183
●	MQ100LB	39816184

8” COMPACT 100V LINE SUBWOOFER



Compact 100V line subwoofer.

- Woofer: 8”
- 100V: 60W-30W-15W-7.5W
- Power/RMS: 160/80W Bypass
- Input: Euroblock connector
- Use with MQ30P satellites

MQ90S	39816195

MICROPHONES

WIRELESS MICS

2 HANDHELD 2.4GHZ MICROPHONES



High-Performance 2.4GHz Digital Wireless System with 2 Handheld Microphones and Dual-Mode USB Receiver.

- 2x Handheld microphones with dual band USB receiver
- 2.4GHz ISM band operation
- High-quality microphone capsule
- Volume up and down buttons on microphone
- High-quality microphone capsule

ULM202USB	28732870

2.4GHZ HANDHELD DIGITAL



High-Performance 2.4GHz Digital Wireless System with Handheld Microphone and Dual-Mode USB Receiver.

- Interference-Free Performance
- Extended battery life
- Convenient control
- Digital 2.4GHz
- Panic mute function
- Integrated volume up and down buttons

ULM300USB	28732880

16CH UHF WIRELESS HANDHELD MICROPHONE KIT



The WS-5225 includes a handheld wireless microphone WM-5225 and a diversity wireless tuner WT-5810.

- The WM-5225 wireless microphone employs an electret condenser microphone capsule and is suitable for any applications
- The WT-5810 is a PLL-synthesizer controlled double superhetrodyne diversity tuner
- 64 different operating frequencies
- Compander noise reduction circuit to minimize the influence of ambient RF noise

WS5225	28732912

WIRELESS LAPEL MICROPHONE KIT



Kit consists of WT5810 microphone receiver and WM5325M lapel microphone & bodypack.

- 636-666MHz

WS5325M	28732922

WIRELESS HEADSET MICROPHONE



Kit consists of WT5810 microphone receiver and WM5325H headset microphone & bodypack.

- WT-5810 Wireless Tuner features Phase Locked Loop (PLL) synthesis operation
- TOA space diversity technology
- WM-5325H Wireless Transmitter’s built-in circuitry minimizes ambient noise effects

WS5325H	28732924

64CH UHF DIVERSITY RECEIVER



WT-5800 is a double superheterodyne true diversity tuner.

- Power Consumption: 250mA (12V DC)
- Version: F01
- Frequency: 636-666MHz, UHF

	WT5800	28732927

TOA 5000 SERIES RACK BRACKET



1RU Mount up to two WT-5800, WT-5805, WT-4820 or WT-4800 wireless receivers.

Single	MBWT3	28732928
Double	MBWT4	28732929

WIRELESS MICROPHONE RECEIVER



WT-5810 Space Diversity Receiver.

- Compact design for shelf-mount applications
- Scanner function
- Transmitter battery status display
- 16 selectable channels
- TOA Space Diversity reception

	WT5810	28732930

64CH WIRELESS HANDHELD MIC



Wireless dynamic microphone with high input handling capacity.

- 16 different operating frequencies (4 banks)
- Version: F01
- Uni directional
- Frequency: 636 - 666MHz, UHF
- Battery: "AA" alkaline dry cell battery

	WM5270	28732944

DUAL CHANNEL HANDHELD PAGING MIC



Ergonomic portable Dual Channel wireless paging mic.

- F01 band (636-666MHz)
- Includes belt clip
- Push to talk function or talk lock switch
- Built-in chime function
- 3.5mm input for optional lapel or headset microphone

	WM5420	28732949

HANDHELD MICROPHONE



The WM-5225 Wireless Microphone employs an electret condenser microphone capsule and is suitable for any application.

- Electret condenser microphone unit: Unidirectional
- Maximum input level: 126dB SPL
- On/Off switch prevents the microphone from rolling
- Single "AA" battery operation for compact and lightweight body

	WM5225F01	28732951

64CH BODY PACK & OMNI MIC



The WM-5325M wireless transmitter has been manufactured for use with a UHF system.

- 64 selectable channels
- Maximum input level: -14dB to -29dB
- Built-in circuitry minimizes ambient noise effects
- Connector for 3.5 mini-plugs
- Built-in antenna

	WM5325M	28732954

WIRELESS HEADSET MICROPHONE SET



- 64 selectable channels
- Maximum input level: -14dB to -29dB
- Built-in circuitry minimizes ambient noise effects
- Connector for 3.5 mini-plugs
- Built-in antenna
- Supplied with head-set Mic

Headset mic	WM5325H	28732956
Aerobics headset mic	WM5325A	28732958

16CH W/LESS BELT PACK & LAPEL

MASCOT



Suits RS80N.

- Compact and Lightweight
- Fitted with Ø3.5mm Stereo Screw-type microphone jack
- Gain control
- Designed for lapel/tie clip Mics, headset Mics, and instrument pickups
- Requires 2x "AA" batteries

	UT16N	28732962

DUAL CHANNEL RECEIVER FRAME



TOA's WT-4820, dual 16-channel wireless tuner is designed to accept up to two WTU-4800 16-channel modules.

- The unit has detachable antenna's for signal expansion
- Optional YW-4500 powered dipole antenna can be used
- 16 selectable channel frequencies
- Auto mixing input function
- TOA Space Diversity technology

	WT4820	28732975

DUAL CHANNEL WIRELESS MIC



Compact 19" rack-mount design.

- The unit has detachable antenna's for signal expansion
- Optional YW-4500 powered dipole antenna can be used
- TOA Space Diversity technology

	WT4820CH2F01	28732977

REMOTE POWERED DIPOLE ANTENNA



The TOA YW-4500 is an indoor dipole antenna designed to be used in a UHF band wireless system.

- Cable loss can be compensated for by a built-in RF signal booster
- Range 120m, 180°

	YW4500	28733060

BODY PACK WITH LAPEL MIC FOR UHF11B



- Adopts 2x 1.5V “AAA” battery for longer operating time
- Variable volume control
- Fixed 3.5mm screw jack prevents its connector drop off and noise, compatible with lavalier, headset microphone or guitar connector
- Carrier frequency: UHF 470-865MHz

UB12 28734030

SINGLE CHANNEL PLL WIRELESS

DOSS®



Single mic wireless diversity receiver.

- 16-channels
- Full metal design
- Squelch and volume adjustable
- UHF 654~694MHz

UHF101 28734050

HANDHELD MICROPHONE FOR UHF101

DOSS®



Hand-held wireless microphone to suit Doss PA Wireless receivers.

- 16-channels selectable
- Replaceable colour tip for easy identification
- Uses 2x 1.5V “AA” batteries
- UHF 654~694MHz

UH101 28734060

BODY PACK WITH LAPEL MIC FOR UHF101

DOSS®



Body pack wireless transmitter with Lapel Mic.

- Variable volume control
- Secure mini-XLR ensures lead does not pull out or create noise
- Uses 2x 1.5V “AA” batteries
- UHF 654~694MHz

UB101 28734070

LAPEL MIC OMNIDIRECTIONAL

DOSS®



Low-profile, clip on microphone with wind-screen sponge.

- Suits UB101
- TA4F mini-XLR connector
- Cable Length: 1.35m

LV411 28734212

4-BAY WIRELESS MIC RECEIVER

DOSS®



2x Wireless diversity microphone receiver.

- Upgradable to 4x Receivers with extra UM401 modules
- Full metal design
- Group and channel selectable: up to 120 unique Mic channels
- UHF 654-694MHz

UHF401 28734100

UHF WIRELESS MICROPHONE MODULE

DOSS®



Additional diversity wireless receiver for UHF401 and DOS12.

- Installs into empty bay

UM401 28734110

DUAL CH UHF PLL MIC SYSTEM KIT

DOSS®



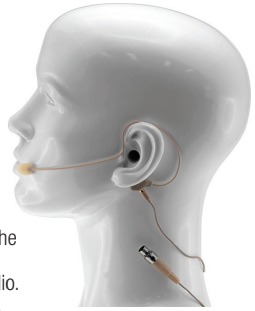
Dual Channel PLL Wireless System.

- Convenient multi-channel selector
- Low battery consumption
- 654-694MHz
- Noise absorption design

UHF203E 28734125

HEADSET MIC FOR UB101

DOSS®



With a capsule diameter of just 4mm, the HS-414 provides the ultimate in low-profile, high-performance audio.

- Over-ear design for ultimate comfort and ultra-secure fit
- Inconspicuous, lightweight design is ideal for applications requiring minimum visibility
- Sensitivity: -42dB ±3dB

HS414 28734220

WIRELESS MICROPHONE SYSTEM

AKG



Vocal mic and receiver with 8 different channels.

- 530-560MHz

PW45HTA 28739150

VOCAL & INSTRUMENTAL SET

AKG



The WMS 40 Mini Vocal / Instrumental Set Dual ensures brilliant sound and ease of use at an unbeatable price/performance ratio.

WMS40MINIDUALHTPT 28739182

DUAL MIC RECEIVER WITH TWO MICS

AKG



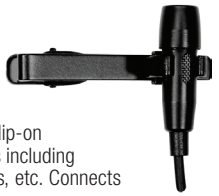
The WMS 40 Mini Vocal Set Dual ensures brilliant sound and ease of use at an unbeatable price/performance ratio.

- Unique HDAP (High Definition Audio Performance) technology ensures the best possible, most realistic sound at any time
- SR 40 MINI2 receiver
- 2x HT 40 MINI handheld transmitters
- Universal power supply

WMS40MINIDUALHT 28739184

CARDIOID LAPEL MIC

AKG



Low-profile, cost efficient clip-on microphone for applications including houses of worship, lecturers, etc. Connects to AKG bodypack transmitters.

- Inconspicuous clip-on microphone
- Natural, airy sound
- High ambient noise rejection
- Polar pattern: cardioid
- Frequency range: 15 to 18,000Hz
- Connector: 3-pin mini XLR

	CK99L	28739190

HANDHELD/BELT PACK CHARGER

AKG



CU 400 Microphone Charging Station.

- Plug-in charging
- Two charging slots
- Status display
- Gentle quick-charge mode

	CU400	28739200

TRANSMITTER BODY PACK

SHURE



- 8 RF channels selected by a switch
- RF Output Power: 10mw
- Battery, endurance: 2x "AA" batteries, 10 hours
- Dimensions: 108(H) x 64(W) x 19(D)mm
- Weight: 90g

	SVX1J9TX	28739294

DIVERSITY MIC SET

SHURE



Shure Diversity wireless microphone system.

- Kit includes wireless receiver & wireless mic
- Up to 8 selectable channels
- Up to 4 compatible systems
- Antenna Switching Diversity
- Adjustable Squelch Level
- Mic / Line Switch
- 1/4" and XLR Connector

with lapel mic	SVX14CVL	28739302
with headset mic	SVX14P31	28739306
with handheld mic	SVX24PG58	28739318

WIRELESS MIC SYSTEM

SHURE



- Includes 1x BLX4 receiver and mic with transmitter
- One-touch QuickScan frequency selection
- Up to 12 compatible systems per frequency band (region-dependent)
- XLR and 1/4" output connectors
- Microprocessor-controlled internal antenna diversity
- Two-colour audio status indicator LED
- Frequency Range: 614-638MHz

with lapel mic	BLX14CVL-K14	28739332
with handheld mic	BLX24PG58	28739340

WIRELESS LAPEL MIC SYSTEM

SHURE



Shure BLX wireless lapel microphone system.

- Includes 1x BLX4 receiver, BLX1 transmitter and CVL microphone
- Frequency Range: 662-686MHz
- One-touch QuickScan frequency selection
- Up to 12 compatible systems per frequency band (region-dependent)
- XLR and 1/4" output connectors
- Microprocessor-controlled internal antenna diversity
- Two-colour audio status indicator LED

	BLX14CVL-M17	28739336

WIRELESS HANDHELD MIC SYSTEM

SHURE



Shure BLX series with hand-held transmitter and PG58 microphone.

- Kit includes 1x BLX4 receiver & 1x BLX2/ PG58 transmitter
- One-touch QuickScan frequency selection
- Up to 12 compatible systems per frequency band (region-dependent)
- Frequency: 662-686MHz
- Microprocessor-controlled internal antenna diversity
- Two-colour audio status indicator LED
- XLR and 1/4" output connectors

	BLX24PG58	28739342

RACK MOUNTABLE WIRELESS SYSTEM

SHURE



The BLX24R/SM58 system contains the BLX4R rackmount receiver, a BLX2/SM58 handheld transmitter, microphone clip, single and dual rackmount clip, two 1/4 wave antennas, zipper bag, power supply, 2x "AA" batteries and user guide.

- Lightweight, rugged construction
- -10dB gain attenuation
- Integrated microphone capsule design
- One-touch QuickScan frequency selection
- LCD display with detailed RF and audio metering
- M17

	BLX24RSM58	28739348

HANDHELD WIRELESS SYSTEM

SHURE



The ideal wireless microphone system to use anywhere.

- SM58 insert
- Hi-res LCD screen status display
- Integrated battery charge port
- Transmitter automatically links with receiver
- XLR and ¼" output connectors

	GLXD24SM58	28739355

WIRED MICS

DYNAMIC UNIDIRECTIONAL MIC

avico



General use dynamic unidirectional microphone.

- Plastic body and black mesh ball
- On/off power switch
- Frequency Response: 80Hz-12kHz
- Sensitivity: -76dB
- Impedance: 600Ω

	DM600B	28651001

2 MATCHED STUDIO CONDENSER MIC



Two matched Studio microphones.

- Cardioid pickup pattern
- Electric Condenser insert
- Switchable low-frequency roll-off
- Input attenuation
- Ultra-rugged construction with metal die-cast body
- Stand adapters, windscreens, stereo-bar and transport case included

C4 28651058

LIGHT WEIGHT MIC HEADBAND



A lightweight microphone designed for hands-free use.

- Sensitivity: -67 ± 3dB
- Impedance: 2.2kΩ Max.
- Freq. response: 100Hz-16kHz
- Maximum Operating Voltage: 10V
- Standard Operating Voltage: 1.5V
- Signal to Noise Ratio: ≥60dB

C8913A 28653503

DYNAMIC VOCAL MICROPHONE



The Pro2.1 is inspired by the Audio Technica Pro-41. It's a super cardioid, dynamic mic with a full range, making it suitable to even female vocals.

PRO2.1 28653537

SHOTGUN CONDENSER MICROPHONE



SG357 is a wide bandwidth, light weight condenser shotgun microphone, which has been specifically designed for professional applications within film, video, television, lectures, angled overhead placement, boom applications, off-stage miking and production industries.

- Super Cardioid Electret condenser
- Directivity: Unidirectional
- Frequency Response: 40~17kHz
- Sensitivity (switchable): -70dB ±3dB (1V/u Bar 1kHz)
- Sound Pressure level 120dB Max.

SG357 28653542

DYNAMIC MICROPHONE



Dynamic microphone with a strong, wire-mesh, spherical front grille that contains a highly effective wind and "pop" filter.

- Excellent vocal or speech reproduction
- Popular choice for use in public auditoriums, churches, convention halls, and schools
- Comes in a solid carry case
- Sensitivity: -72 ± 2dB
- Polar Pattern: Uni-Directional

DM58II 28653550

PAGING CONSOLE FOR MTX48



The MPX48 paging microphone is specifically designed for use in combination with MTX48 matrix system.

- 4-Zones
- Glass front panel with an anti-glare coating
- Capacitive touch buttons
- Integrated chime tone
- Pipe-neck cardioid microphone
- Zone selection and data bus indicators

MPX48 28656260

SHURE MOTIV IOS DIGITAL



Ideal for podcasting - video broadcast.

- Suits iOS devices equipped with a Lightning® connector
- Bi-Directional 1cm Cartridges
- Stereo Cardioid pick up
- 5 DSP Preset Modes
- Innovative 90° Hinge/Rotation
- Free ShurePlus™ MOTIV Recording App

MV88 28656480

SHURE MOTIV DIGITAL MICROPHONE



The ideal desk partner for Podcasting / Voiceover, Digital Recording.

- Made for iPhone/ iPod/iPad
- 3 DSP Preset Modes
- Built-in Headphone Output
- Includes (1) Micro-B to USB Cable and (1) Micro-B to Lightning cable
- Transducer Type: condenser
- Polar Pattern: Cardioid

MV5B 28656484

CONDENSER LAVALIER MICROPHONE



Get audio recordings that greatly surpass the quality of onboard phone and tablet microphones.

- Transducer Type: Condenser
- Polar Pattern: Omnidirectional
- Frequency Response: 45Hz-20KHz
- 1/8" (3.5mm) TRRS connector
- Record using the ShurePlus™ MOTIV iOS App

MVL 28656488

GOOSENECK MICROPHONE



The newest version of the 515 Series, the 515X, provides overall improved performance and 6dB more output. Ideal for a variety of sound reinforcement uses.

- Symmetrical cardioid pickup pattern minimizes feedback
- Neodymium magnet for high signal-to-noise ratio
- Shock-mounted cartridge for quiet operation and low stand/handling noise
- Field serviceable and backed by the Shure 2 Year Warranty

515SBG18X 28656515

GOOSENECK CONDENSER MICROPHONE



- Cardioid polar pattern with tailored response for speech
- 18" Dual-section gooseneck
- In-line pre-amp
- Mute switch with LED indicator
- Impedance: 180Ω
- Power requirements 11-52V DC

CVG18SBC 28656520

DESKTOP BASE FOR CENTRAVERSE



Shure Desktop base.

- Suits 12" and 18" Centraverse microphones
- CommShield technology provides RF interference

CVDB 28656525

HANGING CARDIOID CONDENSER MIC

SHURE



Overhead microphone delivering clear, accurate audio.

- Transducer: Condenser
- Polar Pattern: Cardioid
- Flexible 4" gooseneck
- In Line Pre-Amp
- Snap fit Foam Windscreen

MX202WC 28656537

15" SHURE CONDENSER GOOSENECK

SHURE



High quality and stylish gooseneck microphone for boardrooms and conference rooms.

- Length 15"
- Transducer Type: Condenser
- Polar Pattern: Cardioid
- Bi-Colour light ring
- Includes surface mount pre-amp

MX415C 28656540

PRO VOCAL MICROPHONE

SHURE



Rugged construction, a proven shock-mount system, and a steel mesh grille ensure that even with rough handling, the SM58 will perform consistently.

- Pneumatic shock-mount system cuts down handling noise
- Effective, built-in spherical wind and pop filter
- Supplied with break-resistant stand adapter which rotates 180°
- Legendary Shure quality, ruggedness and reliability
- Cardioid (unidirectional) dynamic

SM58-LC 28656672

SM58 MICROPHONE WITH SWITCH

SHURE



Legendary vocal microphone with switch.

- Frequency response tailored for vocals
- Uniform cardioid pickup
- Pneumatic shock-mount
- Rugged and reliable
- Cardioid
- Frequency response: 50Hz-15kHz

SM58S 28656675

VOCAL CARDIOID CONDENSER MIC

SHURE



Rugged microphone with extended high frequency response for clear, smooth reproduction of lead vocals.

- Cardioid polar pattern minimises unwanted background noise
- Built-in three-point shock mount minimises handling noise
- Frequency Response: 50Hz-18kHz
- Sensitivity (@1000Hz): Open Circuit Voltage: -50dBV/Pa (3.15mV)

SM86 28656680

QMATRIX 88 PAGING MICROPHONE

Quest engineering



Allows for paging into 8-zones individually or "all call" zones.

- Electret Microphone
- Comes with its own 24V Power Supply
- Cabling is simple with standard CAT5 back to the Q matrix 88

QTRPS 28656960

DYNAMIC DESKTOP MOVING COIL MICROPHONES

TOA



Sleek, modern design fits today's high tech workstations.

- Dynamic microphone element with a 600Ω balanced output
- Prominent press-to-talk bar with convenient locking lever
- Auxiliary switch contact for mute or relay circuits
- Cardioid pattern with excellent ambient noise rejection
- Delivers a smooth and natural sound

6.3mm plug	PM660	28657200
Unwired (no plug)	PM660U	28657201
XLR plug	PM660XLR	28657202
5-pin DIN plug	PM660D	28657203

REMOTE MICROPHONE WITH PTT

TOA



Remote microphone for the VM-2000 and VM-3000 Series systems.

- Unidirectional electret condenser microphone, gooseneck type
- Groups 1-2
- All-Zone Broadcast
- Zones 1-5 (Zones 1-10 with 2 stacked amplifiers)

RM200M 28657205

UNIDIRECTIONAL PAGING MIC

TOA



- Impedance: 600Ω
- Locking On/Off switch
- Cable Length: 2m
- Connection: Phono plug

PM222 28657190

PERCEPTION LIVE HANDHELD

AKG



The P5S are dynamic handheld microphones for lead vocalists.

- The super cardioid polar pattern guarantees for utmost gain before feedback and makes the voice cut through the mix more easily
- Its heavy-duty metal body will take some tough handling
- Features on/off switch
- Frequency range: 40Hz-20kHz

P5S 28657912

RUGGED SUPERCARDIOID STAGE MIC

AKG



Extremely rugged vocal/ speech microphone.

- Patented AKG Laminated Varimotion diaphragm
- Spring steel wire-mesh grill
- The audience will hear nothing but the pristine sound of your voice!
- Frequency range 70Hz-20kHz
- Sensitivity 2.6 mV/Pa (-52dBV)

D5 28657960

REFERENCE CLASS DYNAMIC MIC

AKG



Dynamic reference microphone.

- Hum compensation coil
- Patented AKG Laminated-Varimotion diaphragm
- New acoustical design of inner windscreen
- Precision metal dust filter, providing a consistent objection to the diaphragm
- Frequency range 70Hz-20kHz

D7 28657965

PRO STAGE ELECTRET MICROPHONE



Condenser vocal microphone for onstage use.

- XLR connector module with 24-carat gold-plated pins
- Polar pattern cardioid
- Frequency range 65Hz-20kHz
- Sensitivity 4mV/Pa (-48dBV)
- Max. SPL 140/145dB SPL (for 1% / 3% THD)
- Equivalent noise level 25dB-A

C5 28657970

STUDIO QUALITY CONDENSER MIC



Condenser vocal microphone.

- PB1000 Presence boost adapter for increased intelligibility
- XLR connector module with 24-carat gold-plated pins
- Frequency range 60Hz-20kHz
- Sensitivity 4 mV/Pa (-48dBV)
- Max. SPL THD: 140/145dB SPL for 1%/3%

LC 28657975

DYNAMIC MINIATURE MIC



A special, hypercardioid close-talking dynamic microphone for talkback use in professional studios. Small and lightweight, the D58E has an integral XLR connector for mounting on a gooseneck or mic cable. Finish is matte black. The D58E is small and inconspicuous, extremely rugged noise-cancelling microphone.

- Hypercardioid microphone for use in noisy environments
- Noise cancelling close-talking microphone
- Small and inconspicuous
- Extremely rugged
- Frequency range 70Hz-10kHz

D58E 28658100

HANGING CHOIR MICROPHONE



The CHM99, part of the 99ers Series, is a hanging microphone module with cardioid polar pattern, used to record music or speech in houses of worship, conference rooms or on theatre stages.

- Compact solution
- Wide pickup angle
- Twist-free cable
- Spring steel hanging clamp included
- Blends perfectly into its environment

CHM99B 28658122

STAGE BOUNDARY LAYER MIC



Hypercardioid professional boundary layer microphone.

- Primarily designed for use in houses of worship, theatres and conferencing

C547BL 28658135

ACTIVE BEAM ARRAY MICS

ACTIVE BEAM STEERING ARRAY MIC



With the AM1, the presenter has no need to be "microphone-conscious" while speaking and moving.

- Real-time narrow beam with active tracking
- Adjustable sensitivity and Gain
- Intuitive parameter setting via free iPad App
- Ideal for Conference / Board rooms, Church's etc.

●	AM1B	28657110
○	AM1W	28657115

MIC STANDS/ACCESSORIES

GOOSENECK MICROPHONE MOUNT



For flexible and secure mounting of microphones, lamps etc.

- Versatile, modular system allows all conceivable combinations
- Durable stainless steel spiral, non-reflective black finish. No rust, no noise
- Theft proof microphone connection

GNS36 28658110

2-BAY DROP IN BATTERY CHARGER



2-bay drop in charger.

- Suits Toa IR200M & IR300M IR microphones
- Quick Charge: approx. 3hrs for 2x Mics

IR200BC 28732907

FLEXIBLE MIC GOOSENECK



This flexible gooseneck can extend your speaker to enable you to talk comfortably at a desk or podium.

- 5/8" Male to 5/8" Female thread
- Exceptional strength and flexibility
- Diameter: 9.9mm

●	13"	C0410	28973056
◒	17.5"	C0412	28973069
●	19"	26DN001	28973072

400MM XLR M TO F GOOSENECK



Microphone gooseneck incorporating XLR male to XLR Female.

- 400mm
- Black

C0415 28973075

UNIVERSAL HEAVY DUTY MIC CLAMP



Clamp type quick release spring action. 5/8" Female thread.

- Friction angular adjustment
- Holds microphone stem with 19 to 35mm diameter

AL1A 28975001

MICROPHONE SLANT HOLDER



For Ø24mm microphones.

- 5/8" Female thread
- With Brass insert

AL3A 28975025

COLOURED MICROPHONE TIP/END



Simply clip on the coloured end to your UH101 to avoid confusion and aid in identifying microphones.

●	MICBLU	28975060
●	MICYEL	28975062
●	MICGRN	28975064
●	MICORG	28975066

MICROPHONE WIND SCREEN



Black sponge.

- Fits: 51-55mm dia. Mic heads

MWS52BLK 28975621

600Ω INSERT ELECTRET MIC



Omni-directional electret mic insert.

- Impedance: 600
- Power: 1.5V
- 10mm Diameter x 8mm deep. (needs 10µF electrolytic capacitor between +ve.)

EM10 29005270

MICROPHONE SCREW BASE WALL



5/8" male thread with chrome surface mounting base fits most goosenecks.

- Easy to install

04354WMP 29291307

2X MICROPHONE FLOOR STAND



Heavy-duty, stable folding type base with 82cm floating boom assembly. Mics can be attached to stand & boom simultaneously.

- Adjustable Height: 91 to 157cm
- 3/8" & 5/8" threads on boom

20DS002 29293501

MICROPHONE FLOOR STAND



Folding type base.

- Adjustable Height: 91 to 157cm
- 3/8" and 5/8" male thread

20DS004 29293517

GOOSENECK MIC DESK STAND



Heavy matt black cast base 16cm dia. with chrome plated flexible 30cm (12") gooseneck assembly. 5/8" male thread.

22DS001 29293601

SINGLE MICROPHONE FLOOR STAND



Folding type base with 82cm fixed on stand boom assembly.

- Adjustable Height: 91 to 157cm
- 3/8" and 5/8" threads on boom & stand

04349MS 29295195

SMALL MICROPHONE DESK STAND



Matt black diecast base with chrome plated metal tube.

DS5 29295527

AUDIO MIXERS

1RU MULTI-ZONE ROUTING MIXER



The Australian Monitor ZRM4 is a simple to use, yet highly featured 1RU zone routing mixer.

- 6 balanced dual mic/line input
- 4 mono outputs/zones
- In built bell, alert, evac and pre-announce chimes
- Inbuilt priority/ducking circuit switchable per output

ZRM4 01450990

MEDIA PRE-AMP MIXER



The IMM2320 Media Preamp/Mixer.

- 2 stereo inputs with signal-present-LED
- 2x Mic inputs with rear-side
- Voice-specific 2-Band EQ
- Adjustable auto talk-over
- Internal media player/tuner
- Two stereo main outputs with independent level control
- 10 LED level meter for main output 1

IMM2320 01451360

2-ZONE MIXER PREAMP



2-Zone Rack Mixer is a specific product for venues with combined foreground and background music requirements.

- 4x dual-source stereo inputs
- 1x balanced stereo input
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs
- Voice-specific 3-Band EQ
- Adjustable auto talk-over
- 2x stereo output zones

ZPR2820 01451370

4-ZONE MIXER WITH 6 STEREO IN



The ZPR-4620 4-Zone mixer is the most versatile choice for medium-sized multi-zone sound systems build around a stereo main zone.

- 6x stereo input channels
- 1x balanced stereo input
- Front panel 3.5mm stereo TRS input
- 2x Mic inputs with rear 1/4" TRS connectors
- 1x stereo output zone
- 3x mono output zones

ZPR4620 01451375

STEREO PRE-AMP WITH BLUETOOTH



Six Channel stereo pre-amp.

- 2 Mic inputs with phantom & talkover
- One balanced stereo line input (XLR)
- Three unbalanced stereo line inputs (RCA)
- 3.5 mm Jack input on front
- Integrated Bluetooth receiver
- Priority mute contact input

Single zone	PRE116	01453362
Dual zone	PRE126	01453358

3CH MICROPHONE MIXER



Passive 3 Microphone mixer with Aux input.

- Including 3 unbalanced mono jack and 2 RCA connectors
- Each channel is adjustable
- Easy to install

PRO1348 01454790

4CH MICROPHONE MIXER

MACKIE.



4-channel mixer featuring our signature high-headroom, low-noise design.

- 2 boutique-quality Onyx mic preamps
- Phantom power for condenser Mics
- "Built-Like-A-Tank" rugged steel chassis with powder-coat finish
- High-visibility, high-contrast controls

4-Channel 2 mic preamps M402VLZ4 01454804

6CH MIXER WITH USB / SD

REDBACK



This compact high performance desk mixer is ideal for live/stage sound mixing in small applications such as theatre, bands, function centres and venues.

- All inputs top mounted for easy access
- Dual 6.35mm TRS outputs
- LED VU meters
- USB/SD card MP3 playback with transport controls
- Repeat and delay effects
- External effects send & return
- Phones/monitor output & level

A2651 01454912

6-INPUT DIGITAL MIXER

TOA



The M-633D is a compact, easy-to-use digital audio mixer designed for Live and AV applications.

- Pristine Digital Audio quality w/24bit 48kHz A/D & D/A
- 1U rack size digital mixer with 12 inputs and 6 outputs
- Easy operation: Analogue user interface, no PC setting is required
- Feedback Suppressor
- Easy-to-use Automatic Resonance Control (ARC) function built-in
- Automatic Clip-Guard, prevents Input clipping distortion
- Output zone assignments easily accessed from front panel

M633D 01454930

12CH MIXING CONSOLE

RCF



Ideal for small band gigs, conference and corporate events.

- Inputs: 6x Mono, 4x Stereo
- 1x Aux and FX send
- Frequency Response: 20Hz-22kHz
- Total Harmonic Distortion (THD+N): 0.03%
- 4x Compressors (Ch. 1-4)

LIVEPAD12CX 01454986

3-IN 6-OUT DIGITAL PROCESSOR

XILICA Audio Design



Building on the success of the XD and our original Classic series processors the Xilica XP-Series brings a new level of audio performance and value to the world of fixed architecture DSP for live sound production and fixed audio installations.

- Front-Of-House loudspeaker management
- Time/Phase crossover alignment
- Delayed Speakers; Zoned Systems
- Room equalization
- Acoustic correction
- Fixed audio installations

XP3060 01454988

12CH MIXER 4 MONO + 4 STEREO

YAMAHA



12-Channel Mixing Console.

- Max. 6 Mic / 12 Line Inputs (4 mono + 4 stereo)
- 2 GROUP Buses + 1 Stereo Bus
- 2 AUX (incl. FX)
- PAD switch on mono inputs
- +48V phantom power
- XLR balanced outputs

MG12XU 01455018

4CH PASSIVE MIXER

McLELLAND



4CH Passive Mixer.

- Input: 4x 1/4" unbalanced jacks for connection to line or instrument level devices
- Each channel has a volume control
- Power: No power required

MQS36 01458265

2CH LINE LEVEL MIXER

McLELLAND



- CH1: 1/4" unbalanced jack for receiving line or instrument level signals.
- CH2: Stereo RCA input for receiving line level signals
- CH1 Max. Gain: 32dB
- CH2 Max. Gain: 20dB
- CH1 Input Impedance: 10kΩ
- CH2 Input Impedance: 20kΩ

MQS37 01458270

4CH MICROPHONE MIXER



This compact mono mixer allows 4-channels of audio to be mixed via 6.35mm unbalanced connections.

- 4x unbalanced 6.35mm inputs
- 1x balanced 6.35mm outputs
- 24dB total gain
- Frequency Response: 10-100kHz
- THD: less than 0.05%
- Signal to noise ratio: >80dB

MIX400 29131055

AUDIO SOURCES

MODULAR AUDIO SOURCE SYSTEM

AUDAC

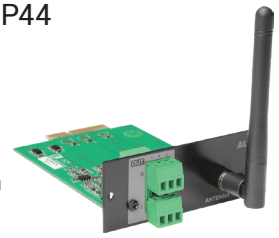


Fully flexible modular audio source structure.

- Stores up to 4-Source modules
- 2.8" TFT display with intuitive interface & controls
- Front USB interface for each module (4x)
- Control through Audac Touch & Web control
- RS-232 and TCP/IP remote control connections
- Simultaneous operation for all 4 modules
- Built-in pre-listening speaker

XMP44 01453352

BLUETOOTH RECEIVER MODULE - SUITS XMP44

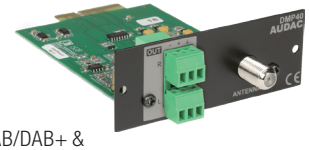


The BMP40 receiver offers wireless connection possibilities for audio playback from any Bluetooth compatible device.

- Works with any SourceCon enabled device
- Long range transmission distance (up to 30 metres)
- Device discovery and pairing protection
- Storage up to 8 authorized devices
- Bluetooth spec V4.1
- Balanced stereo audio output
- External & extendable antenna

	BMP40	01453353

DAB/DAB+/FM TUNER MODULE



Professional DAB/DAB+ & FM tuner featuring SourceCon modular technology.

- Works with any SourceCon enabled device
- Truly plug & play solution
- Preferential station storage (10 entries)
- Signal strength indication
- Manual & auto tuning
- Balanced stereo audio output

	DMP40	01453355

NETWORK AUDIO ADAPTOR



Transmit high quality audio signals over IP networks.

- Freq Response: 50 - 14,000Hz (@ 32kHz)
- Network I/F: 10BASE-T/100BASE-TX, Auto-Negotiation
- Network Protocol: TCP, UDP, ARP, ICMP, HTTP, RTP, IGMP
- Dimensions: 210(W) x 44.7(H) x 188(D)mm

	NX100SP	01458180

1RU CD PLAYER WITH FM TUNER



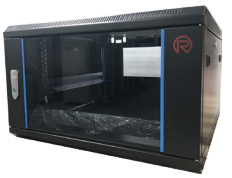
- Plays CD, USB, SD/ MMC card & FM radio
- 1RU 19" rack size
- 30 channels for FM radio, with sleep function
- 3x RCA outputs for FM mode, CD mode & Priority Out
- Remote control included

	CD2011R	08857030

RACKS

AV, PA & SERVER RACK SYSTEMS

WALL MOUNT RACK CABINET



- Capacity: 6RU
- 400 or 600mm depth available

400mm deep	CABTWM6406	04855013
600mm deep	CABTWM6606BK	04855014

18RU FLOOR STANDING RACK CABINET



Simple structure, easy operating, exquisite design and precise dimension.

- Toughened glass door with popular grey colour
- Adjustable feet and heavy duty castor available
- Removable side panel & rear door, easy to install and maintain, lock optional
- Provision for 120mm optional cooling fan
- 18RU capacity
- Lockable bottom cable entry, adjustable entry size

600mm deep	CABTE6618BK	04855015
800mm deep	CABTE6818	04855017

12RU 600MM DEEP CAGE



- Wall mountable
- Nut free, threaded rack rails with adjustable mounting depth
- Vented design
- Removable side panels
- Integrated Cable Management System
- Lockable Polycarbonate front door

	R6612-M6	04855026

6RU 19" RACK WALL MOUNT SWING



Tinted glass door Supplied fully assembled in black.

- Welded frame
- Standing or wall mount
- Removable side panels with lock
- Toughened glass door with metal framing and silver Moon-shape lock

	CABTZH6606	04855028

12RU 600MM DEEP CABINET



- Body, acrylic door and hinge
- 12RU
- Hinged wall mount

	WR1238	04855029

SWING WALL-MOUNT RACK



- Double section welded frame structure
- Easy operation and maintaining at the back
- 19" standard installation
- Removable side panels, side locks are optional, easy installing and maintaining
- Cable entry at the top cover and bottom panel
- 600mm deep

12RU	CABTZH6612BK	04855030
18RU	CABTZH6618BK	04855031

15RU FLAT-PACK SKELETON RACK



This self-aligning structure requires only four bolts and can be assembled without special tools in less than 10 minutes.

- Join two CFR1615 for a 30RU, or couple with a CFR1620 for a 35RU
- The rack and all of its components ship in one box
- Does not require separate fiddly captured nuts as frame is pre-threaded
- Mountable directly to the wall or floor-standing with optional feet (included)

15RU	CFR1615	04855070
20RU	CFR1620	04855075

15U AV RACK WITH SHELVES & DOOR



Ultra high quality AV rack.

- Rack spaces 15
- Lockable tempered glass door
- Removable side and rear panels
- Supplied with 2 x 1U shelves & blanking panels
- Supplied with 4 x 2U shelves & blanking panels
- Top & bottom ventilation
- Comes with casters and adjustable feet

	CFR2115B1	04855114

27U AV RACK WITH SHELVES & DOOR



SANUS

Ultra high quality AV rack.

- Lockable tempered glass door
- Removable side and rear panels
- Supplied with 2 x 1U shelves & blanking panels
- Supplied with 4 x 2U shelves & blanking panels
- Top & bottom ventilation
- Comes with casters and adjustable feet
- Rack Spaces 27

CFR2127B1 04855115

36U AV RACK WITH SHELVES & DOOR



SANUS

High quality Customizable value packed AV rack.

- Comes pre-assembled
- Easily access components with removable panels
- Heavy-gauge steel construction
- Casters and adjustable feet
- 2x 1U shelves
- 6x 2U shelves

CFR2136B1 04855117

44U AV RACK WITH SHELVES & DOOR



SANUS

High quality Customizable value packed AV rack.

- Comes pre-assembled
- Easily access components with removable panels
- Heavy-gauge steel construction
- Casters and adjustable feet
- 2x 1U shelves
- 7x 2U shelves

CFR2144B1 04855119

1RU UNDER DESK MOUNT BRACKET

CAYMON professional stands and racks



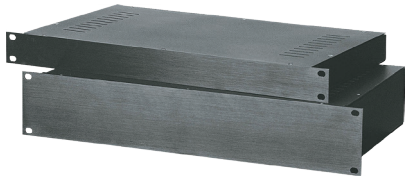
Simple solution to save space under a desk.

- 19" Rack mount
- 1RU
- Can be used for vertical wall mount

ID110 04855246

RACK MOUNT ACCESSORIES

19" RACK MOUNT CASE

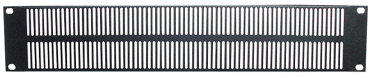


High quality rack mounting case, made from mild steel and finished in a dark grey epoxy coating. The base plate and the top cover come with ventilation slots to assist cooling. The case is supplied flat packed and is easy to assemble.

- 1.5mm aluminium front and rear panels for easy machining
- Gives a Professional finish to any project!
- Available as 1RU and 2RU

1RU	423 x 243 x 36mm	1UBLK	04855001
2RU	423 x 243 x 81mm	2UBLK	04855006

2RU VENTED RACK PANEL



2 Unit vented panel for improving rack ventilation around hot equipment.

- Powder-coated black
- 19" Rack Panel

H5155 04855003

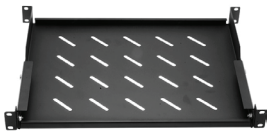
2RU RACK PANEL BLACK STEEL



Manufactured from 1mm steel and finished in a textured powder coat. The top and bottom edges of each panel have a return for added rigidity.

H5142 04855004

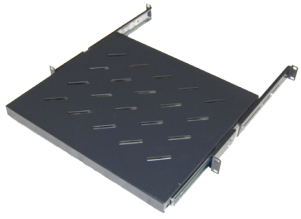
19" VENTED RACK SHELF



- Vented design
- Finished in black powder coating
- Holds loads of up to 30kg

600mm deep	RMS600	04855039
800mm deep	RMS800	04855040

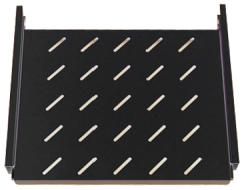
19" SLIDING RACK MOUNT SHELF



Suits 600mm Deep Cabinets.

SRMS600 04855041

19" SLIDING RACK MOUNT SHELF



Designed to suit 800mm deep cabinet.

- Finished in black powder coat

SRMS800 04855042

19" RACK KEYBOARD DRAWER



2RU Keyboard & mouse drawer.

- Designed to suit all 19" racks

RMKMD 04855044

19" RACK MOUNT 6-WAY HORIZONTAL



1RU horizontal power distribution suits all 19" racks.

- Fully wired with 6 Australian outlets
- 2 metre lead & plug
- Circuit breaker fitted
- Finished in steel black powder coat panel and white plastic GPO sockets

RM6WHPR 04855045

10-WAY RACK MOUNT POWER RAIL



- Suits all 19" racks
- Fully wired with 10 Australian outlets
- 2m lead with plug
- Integrated circuit breaker
- Finished in black powder coated steel

1RU	RM10WVPR	04855046
2RU	RM10WHPR	04855047

19" RACK MOUNT CABLE MINDERS



1RU and 2RU horizontal cable management solutions.

- Designed to suit all standard 19" racks
- Ideal to provide a sturdy support patch cords
- Helps to maintain proper cable bending radius
- Finished in PVC black

1RU	RMCM1RU	04855048
2RU	RMCM2RU	04855054

RACK MOUNT NUT BOLT & WASHER



Comprises of M6 Cage nut, screw, and nylon washer.

- 8-pieces

RMNBW	04855051

19" RACK MOUNT POWERBOARD

Jackson™



High quality rack mounted powerboard ideal for server rooms and audio installations.

- Surge protected
- IEC socket power inlet with IEC cord (length 1.8m)
- EMI & RFI filtering
- 10A Overload protected

6-way	1RU	RAC0600	04855060
12-way	2RU	RAC1200	04855062

RACK MOUNT VENTED SHELF

SANUS



Vented system keeps your equipment cool and easily accessible.

- Simple install with Phillips head screwdriver
- Hardware included
- Wire management slots provide multiple locations to route and organise cables
- Solid construction and durable powder-coated finish

1RU	375mm deep	CASH21	04855072
2RU	450mm deep	CASH22	04855073

ON-WALL SWING OUT ADAPTOR

SANUS



Sanus On-wall swing out adaptor.

- Suits CRF1615 & CRF1620 racks
- Hardware supplied

CFA16SM	04855077

EXTRA SCREWS

SANUS



- Truss Heads for easy installation
- Nylon washers protect the delicate finish of AV components and truss heads allow for easy installation
- Durable black zinc finish

100-pack	CASC100	04855078
4-pack	CASC004	04855079

4-PACK CASTER KIT

SANUS



The SANUS CA6CK caster kit fits models CFR1615 and CFR1620 or any stacked combination of the two.

- Easy mobility while maintaining strength and stability
- 4-pack
- Supports up to 600LBS

CA6CK	04855085

2RU SLIDING DRAW

SANUS



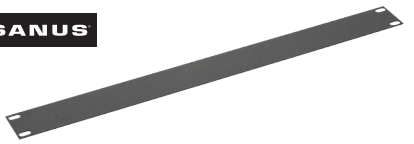
Sliding accessories draw.

- 2RU
- Solid Construction
- Powder Coated

CADR2-BI	04855090

RACK BLANKING PLATE

SANUS



Steel flanged blanking panel maintains consistent airflow to prevent improper cooling or heating of AV components inside an AV rack.

- Solid construction and durable powder-coated finish

1RU	CASBP1-B1	04855092
2RU	CASBP2-B1	04855093
3RU	CASBP3-B1	04855094

10-PACK SHELF STOPS

SANUS



- Colour: Black
- Pack of 10

CASS10-B1	04855096

QUIET COOLING FAN

SANUS



1U ultra quiet fan easily connects to the CAPT01 MultiVolt Power Supply.

- Automatically activated by the thermostat kit included with the MultiVolt Power Supply

1U	CAFC01B1	04855107
3U	CAFQ01B1	04855109

SANUS LED WORKLIGHTS (1PR)

SANUS



Light the rear of the rack for easy viewing while working within the rack.

- 1pr worklights
- Includes 3ft power cable
- Daisy chain up to 3 units of 1x 12v outlet on the CAPT01

CALW01-B1	04855111

MULTI VOLT POWER SUPPLY

SANUS



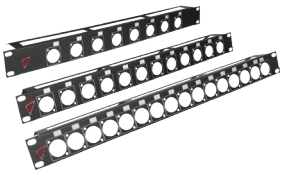
Single power source for all low-voltage equipment in an AV rack.

- Switches to turn on and off light accessories
- 5V USB port
- Always on 12V power connections
- Automatically monitor temperature and activate fans
- Easily connect multiple components
- Easy to read readout

CAPT01B1	04855112

1RU XLR PRE-PUNCHED PANEL

LINK



- 1RU
- Suits D series XLR connectors
- Includes integrated cable tie bar
- White scribble strips for channel ID

8-way	LPF108T	04855192
12-way	LPF112T	04855194
16-way	LPF116T	04855196

12-PACK CAPTIVE NUTS M6 / #6



- Pack of 12

H5395	04857725

24-PORT PATCH PANEL

tetech



- Patch panel case, metal 1U
- 24x RJ45 Jack with Punchdown connections on rear

CAT6	PPC624	09009635
CAT5E	PP24	09009637

TV ANTENNAS 164

UHF/VHF COMBO ANTENNAS 164
UHF ANTENNAS 164
VHF ANTENNAS 165
DAB+ / FM ANTENNAS 166
INDOOR ANTENNAS 167
CARAVAN ANTENNAS 167

TV ANTENNA ACCESS. 167

MASTHEAD ENCLOSURES 168
MASTHEAD AMPS 168
DISTRIBUTION AMPS 170
SPLITTER AMPS 170
AMP POWER PACKS 171
BALUNS FILTERS & ATTENUATORS 171
SPLITTERS & TAPS 172
DIPLEXER & TRIPLEXERS 174

TV HARDWARE 174

MASTING 174
MOUNTING 175
TV HARDWARE ACCESSORIES 176

SATELLITE DISHES 178

SATELLITE ACCESSORIES 178

SATELLITE HARDWARE 179

TV & SATELLITE

TV ANTENNAS

UHF/VHF COMBO ANTENNAS

TRU-BAND PRIME METRO

HILLS



Tru-Band™ antennas are a revolutionary new combination antenna for Australian capital cities that have been designed for the digital-only TV environment in Australia. The Tru-Band™ Metro antenna provides sufficient gain for all prime capital city locations and is built to provide years of trouble-free viewing.

- BoomLock™ manufacturing technology - patent pending
- Channels: 6-12 / 28-38
- Gain (dB): 5-8 / 7-9
- F/B Ratio (dB): 12-14 / 16-20
- Reflector: Single Element
- Designed and manufactured in Australia

TRUBANDMETRO 00720198

VHF/UHF BAND 3 DIGITAL ANTENNA

HILLS



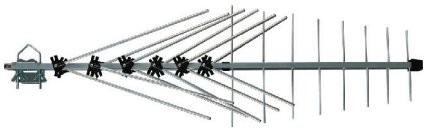
Digital & Analogue compatibility.

- VHF Ch: 6-12 UHF Ch: 28-50
- Gain (dB): VHF: 7-9 UHF: 8-16
- F-B Ratio (dB): VHF: 14-17 UHF: 14-18

SMX24B4P 00727009

METRO FOLDING LOG PERIODIC

DIGITEK Complete Digital Solutions



Designed and tested for digital reception.

- Elements: 28
- Band 3 & 4
- VHF 6-12 forward gain 12dB
- UHF 28-35 forward gain 12.5dB
- Front to Back Ratio 20dB

CLP34F 00727363

TRU-BAND METRO PLUS ANTENNA

HILLS



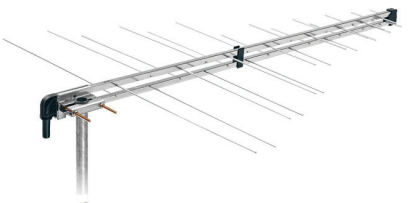
Tru-Band™ antennas are a revolutionary new combination antenna for Australian capital cities that have been designed for the digital-only TV environment in Australia. The Tru-Band™ Metro Plus (Black Arrow) has additional gain for lower signal areas and comes in a sensational all-black finish for low visual impact, especially on modern homes.

- Sensational all-black finish for low visual impact
- Channels: 6-12 / 28-38
- F/B Ratio (dB): 13-15 / 16-20
- Gain (dB): 7-9 / 7-10
- Reflector: Single Element
- Designed and manufactured in Australia

TRUBANDMETRO+ 00720200

VHF/UHF ANTENNA LOG PERIODIC

FRACARRO

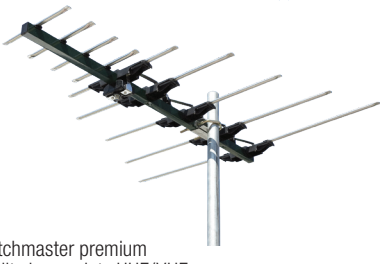


- Maximum mast diameter: 60mm
- For assembly in vertical or horizontal position without additional accessories

LP345F 00727615

VHF/UHF LOG PERIODIC ANTENNA

Matchmaster TV Reception Systems



Matchmaster premium quality heavy duty UHF/VHF antennas made for Australia's harsh climate.

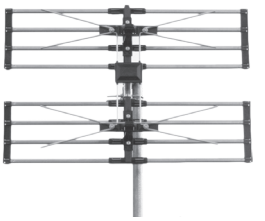
- Built-in 652MHz low pass LTE filter
- Heavy-duty construction with F-Type balun
- Australian made

01MMSA100 00727630

UHF ANTENNAS

UHF PHASED ARRAY ANTENNA

HILLS



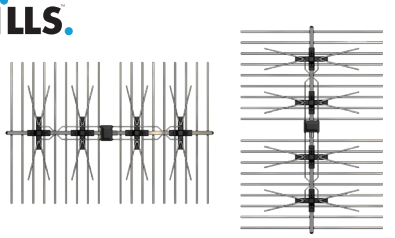
Medium to high gain performance across the full band for best UHF TV reception.

- Fully designed and manufactured in Australia
- Ultrasonically sealed balun
- Corrosion free and UV resistant material
- Channels: 21-69
- Gain: (dB) 9-13

ULTIMAX18 00720485

UHF PHASED ARRAY ANTENNA

HILLS



Designed for the precise digital frequency bands for true HD performance.

- BoomLock™ manufacturing technology - patented by Hills
- Band 4+ UHF CH 25-51
- 4G filtering
- Designed and made in Australia
- 5 Year Manufacturer Warranty

TRUMAX36-4G 00720486

TRU-SPEC UHF CH28-51 FRINGE

HILLS



The Tru-Spec TSF2851 is the latest in the evolution of our UHF Yagi antennas for Digital television and is designed for fringe signal areas, covering channels 28-51.

- Boomlock™ manufacturing technology - patent pending
- Channels: 28-51
- Gain (dB): 9.5-16
- F/B Ratio (dB): 15-25
- Connector: F-Type
- Designed and manufactured in Australia. Registered design

TSF2851 00720610

TRU-SPEC UHF CH28-51 PRIME

HILLS.



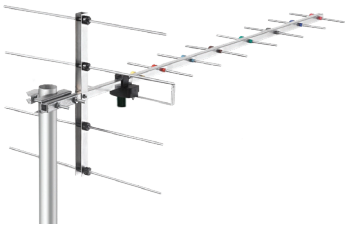
The Tru-Spec TSP2851 is the latest in the evolution of our UHF Yagi antennas for Digital television and is designed for prime signal areas, covering channels 28-51.

- Boomlock™ manufacturing technology - patent pending
- Channels: 28-51
- Gain (dB): 9-14
- F/B Ratio (dB): 12-23
- Connector: F-Type
- Designed and manufactured in Australia. Registered design

TSP2851 00720614

10-ELEMENT YAGI CH35-50

FRACARRO



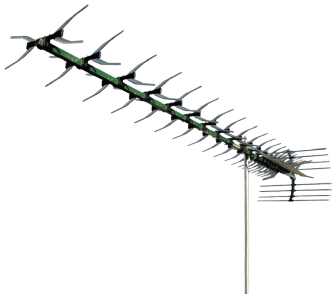
High gain Yagi designed to filter LTE interferences on the TV band.

- F-Type connector terminated
- Channels: 35-50
- Compact pack size: 55(H) x 1400(L) x 45(W)mm
- Gain: 16dB
- F/B Ratio: 30dB

10F3546 00720786

91-ELEMENT UHF ANTENNA CH28-51

Matchmaster TV Reception Systems



High gain Aussie made UHF antenna (28-51).

- Inbuilt 4G filter

02MM-DG91 00720830

UHF HIGH GAIN DIGITAL ANTENNA

DIGITEK Complete Digital Solutions



The 01BUWX20 is a solid-built, high quality, premium Metropolitan UHF Antenna ideal for digital broadcast reception.

- F-Type High Performance Balun
- Snap out reflectors
- Stainless Steel screws on connection points
- Designed and tested for digital/analogue reception
- Can be vertically or horizontally mounted
- Bifurcated rivets – Strongest in the industry

01BUWX20 00727310

UHF ANTENNA INNER METROPOLITAN

DIGITEK Complete Digital Solutions



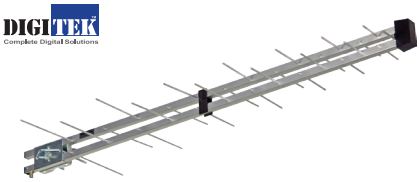
The 01BUWX16 is a solid-built, high quality, premium UHF Antenna designed for digital broadcast reception.

- F-Type High Performance Balun
- Snap out reflectors
- Stainless Steel screws on connection points
- Designed and tested for digital/analogue reception
- Heavy-duty construction on all components
- Can be vertically or horizontally mounted
- Bifurcated rivets – Strongest in the industry

01BUWX16L 00727350

UHF ANTENNA LOG PERIODIC

DIGITEK Complete Digital Solutions



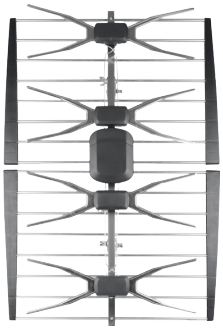
The 01ACLP45 is a solid-built, high quality, premium Metropolitan Log periodic Antenna designed for flexible installations on a budget for UHF digital broadcast reception.

- F-Type High Performance Balun
- Can be mounted vertical or horizontal as required
- Designed and tested for digital/analogue reception
- Heavy-duty construction on all components
- UV stabilised plastics

01ACLP45 00727365

UHF PHASED ARRAY ANTENNA

Kingray



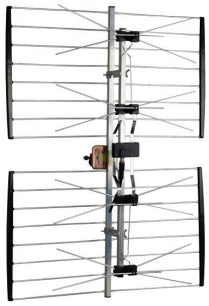
The rugged and robust construction ensures it will stand up to the harshest of Australian environments.

- Heavy-duty mounting bracket
- Front to Back ratio: 22dB
- Channel: 27-69
- 4G 694 MHz low pass filter
- Size: 815x545mm

KPANEL 00727368

UHF ANTENNA OUTER AREA PHASED

DIGITEK Complete Digital Solutions



The 01CUPA2 is a solid-built, high quality, premium phased array Antenna designed for installations where there is very low VHF/UHF signal or high amounts of signal reflection.

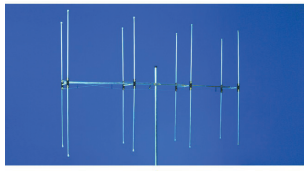
- F-Type High Performance Balun
- Anti-ghosting antenna for outer areas
- Stainless Steel screws on connection points
- Designed and tested for digital/analogue reception
- Unique compact folding phased array
- UV stabilised plastics
- Can be vertically or horizontally mounted

01CUPA2L 00727370

VHF ANTENNAS

VHF PHASED ARRAY ANTENNA

HILLS.



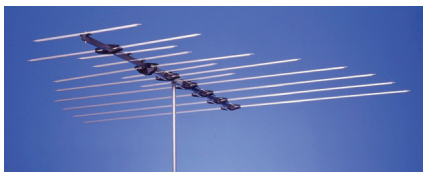
Channels 6 to 12 High gain 16-element aerial can be mounted horizontally, vertically or stacked.

- Channels 6 to 12 High gain 16-element aerial can be mounted horizontally
- Connector F-Type
- Forward gain 10.5-12.5dB - Front to back ratio: 11-16dB

CA16 00643400

11-ELEMENT VHF DIGITAL FRINGE

HILLS



DigiTel Engineered for Digital VHF Wideband Antenna.

- Suitable for digital and analogue reception
- Printed circuit board baluns to provide optimal impedance matching across the frequency range and superior mechanical characteristics means maximum signal transfer
- F-Type connections for better shielding and more reliable connections

DL4 00643727

VHF DIGITAL OUTER PRIME

HILLS



For outer prime signals. Digital and analogue compatibility.

- F-Type 75Ω connection
- Unique boom ensure consistent element alignment
- UV stable plastics
- Ideal for areas just outside of capital cities
- Suitable for reception of horizontal or vertical polarisation

DY6-612 00681262

10-ELEMENT DIGITAL ANTENNA

HILLS



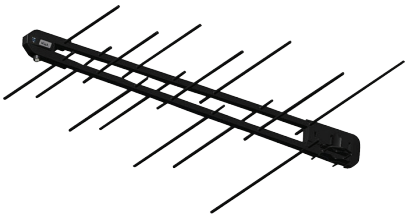
Ideal for semi-rural areas that require extra gain to assist in receiving VHF signal.

- F-Type connection for superior screening
- Heavy-duty construction with rectangular galvanised steel boom
- Powder coated boom for longer life and improved aesthetics
- Suitable for reception of horizontal or vertical polarisation
- UV stabilised plastics
- Channels: 6-12

DY10 00681266

TRU-BAND VHF "BLACK ARROW" 4G

HILLS



Tru-Band™ antennas are a revolutionary new VHF Only (Band 3 or Block A) antenna for Australian capital cities.

- BoomLock™ manufacturing technology
- Lightweight and compact
- New mounting clamp for quicker and safer installation
- Sensational all-black finish
- Matched balun for best MER
- Fully designed and manufactured in Australia

TRUBAND-VHF4G 00681505

VHF CH6-12 INNER METRO ANTENNA

DIGITEK Complete Digital Solutions



Inner Metropolitan Premium VHF Antenna, Channels 6-12.

- Heavy-duty construction on all components
- F-Type Balun with LTE Low Pass Filter
- Tough powder coated finish
- UV stabilised plastics
- Bifurcated rivets – strongest in the industry
- Channels: 6-12

01DV304L 00727052

VHF YAGI ANTENNA INNER METRO

DIGITEK Complete Digital Solutions



The 01DV307 is a solid-built, high quality, premium VHF YAGI Antenna ideal for digital broadcast reception.

- F-Type High Performance Balun
- Snap out reflectors
- Stainless Steel screws on connection points
- Designed and tested for digital/analogue reception
- Heavy-duty construction on all components
- 12mm extruded aluminium heavy-duty elements
- UV stabilised plastics

01DV307 00727055

6-ELEMENT VHF CH6-12 ANTENNA

RADIO PARTS



The ideal VHF TV antenna for professional installers.

- Suits most of Melbourne, capital cities and many regional areas
- In-built 4G filter to cut out cell phone interference
- Yagi design for the highest quality (MER)
- Highest quality, Aussie construction

V364G 00727272

DAB+ / FM ANTENNAS

FM RADIO ANTENNA / AERIAL

HILLS



Y3/FM with Balun.

- VHF Regional Antenna
- VHF channels FM, 3, 4 & 5
- 3-Elements
- Prime Signal Antenna

Y3FMA 00442056

FM RADIO ANTENNA / AERIAL

DIGITEK Complete Digital Solutions



The 01EFM3 is a solid-built, high quality, premium FM Antenna designed for crystal clear reception of your favourite FM broadcasts.

- F-Type High Performance Balun
- Snap out reflectors
- Designed and tested for digital/analogue reception
- 12mm extruded aluminium heavy-duty elements
- Tough powder coated finish
- U-bolts & Clamps fitted

01EFM3 00442060

DAB+ FOLDED DIPOLE ANTENNA

DIGITEK



VHF (DAB+) Band
3-Channels 6-12.

- F-Type High Performance Balun
- Stainless Steel screws on connection points
- Assembled Weight: 1kg (1.25kg Packaged)
- Designed and tested for digital radio reception

01EDAB 00643780

VHF YAGI DAB+ ANTENNA

FRACARRO



The ANT3030810 is a half band 3 antenna which suits Australian DAB+ frequencies. Quick assembly and easy vertical mounting ensures fast installation.

- Gain: 6dB
- 198-223MHz
- Boom length: 176cm
- Element count: 4

ANT3030810 00643785

INDOOR ANTENNAS

VHF/UHF INDOOR ANTENNA

DOSS



UHF & VHF Indoor Aerial.

- Suitable for all channels
- UHF and VHF sections can be adjusted up/ down or rotated for best reception
- Complete with 75Ω coaxial lead & plug
- Works with Digital TV

IA313 00605015

AMPLIFIED INDOOR ANTENNA

DOSS



Amplified indoor antenna designed to receive standard TV & FM radio signals. Generally these antennas work best when they are within a 50km radius of a transmitting tower.

- 0-30dB Signal Gain
- Gain Control Dial
- 8-108mHz FM
- Ch: 1-69 Bandwidth

SV9100 00605020

AMPLIFIED INDOOR 75Ω ANTENNA

JENSEN



Low profile VHF/ UHF/HDTV amplified antenna.

- Antenna revolves on integrated swivel base for improved UHF tuning
- Amplifier gain: 15dB
- Adjustable VHF dipoles extend 42" to improve reception of channels 2-13
- Low noise amplifier with variable gain control

TV931JENSEN 00605022

ADJUSTABLE 75Ω INDOOR

JENSEN



A stylish indoor antenna with detachable VHF dipoles, UHF loop and bonus 300/75Ω balun.

- VHF Range: 47-230MHz
- Dipole Length: 39"

TV611JENSEN 00605028

INDOOR TV ANTENNA RABBIT EARS

SANSAI





- Ideal for VHF & FM channels
- Heavy-duty Base
- Available in black colour

ATN20 00605030

CARAVAN ANTENNAS

20DB AMPLIFIED CARAVAN ANTENNA

DOSS



The DOSS Combo20 high gain aerial gives outstanding performance on analogue, digital and FM radio and is the ideal solution for any mobile setup, caravans, motor homes, and boats!

- The COMBO20 contains a built-in amplifier that strengthens weak signals for clearer picture
- Power supply has a built-in splitter for a second TV outlet
- The DOSS Combo20 aerial is especially good in poor reception areas
- It comes complete with power supply, cables, connectors and fitting instructions
- Easy to assemble and suitable for use throughout Australia

COMBO20 00620010

OUTDOOR OR REPLACEMENT HEAD

jack TV FOR FREE



Universal bracket for pole mounting.

- Built-in amplifier 25dB (UHF) & 20dB (VHF)
- Antenna Head: 415(W) x 318(D) x 55(H)mm

JACKANTENNA 00620030

OUTDOOR OMNI UHF/VHF ANTENNA



FM 87.5-108MHz.

- VHF 174-230MHz
- UHF 470-862MHz
- Output level: Max. 108dB

LT3141 00620040

TV ANTENNA ACCESS.

FLAT ANTENNA JOINER CABLE



- Flat ribbon cable for tight spaces
- Low signal drop
- Quality F-type connections

WV7301 00845399

MASTHEAD ENCLOSURES

WEATHERPROOF ENCLOSURE

ANTIFERENCE

Ideal for housing splitters, taps, di-plexers or as a cable junction.

- Supplied with mounting strap



Large - 145x125x73mm	04AMENC02	00760805
Small - 141x102x56mm	04AMENC01	00760803

MASTHEAD BOX WITH STRAP

Kingray

- Trademark 100% Weatherproof case
- Available Individually and supplied complete with F-Type masthead amplifiers
- Ideal to house any indoor filters, some splitters and all connections outdoors



	MHB001	00760806

MASTHEAD AMPS

UHF/VHF COMBO AMPS

MAST AMP WITH INJ. & POWER SUPPLY

ALCAD

VHF 16dB gain, adj 20dB.

- UHF 24dB gain, adj 16dB
- 12V DC
- 108dB output
- F-Type connections



	AM183IPS	00760100

MAST AMP WITH INJ. & POWER SUPPLY

ALCAD

VHF 20dB gain, adj 20dB.

- UHF 34dB gain, adj 16dB
- 1 / 2 inputs
- 12V DC
- 108dB output
- F-Type connections



	AM187IPS	00760104

UHF/VHF MASTHEAD AMP WITH POWER SUPPLY

A fully flexible high gain masthead amplifier, designed for domestic and commercial TV reception applications.

- Switchable low/high gain
- Adjustable gain
- Low noise figure
- Fully shielded, die-cast enclosure
- Separate or combined VHF and UHF inputs
- FM, Pager and Cellular filters included
- Earth point attachment
- Weather proof case



PAL power supply/injector	MHQAMPPAL	00760152
F-type power supply/injector	QAMP	00760150

15DB UHF/VHF MASTHEAD AMP

Kingray

Kingray are proud to announce the release of the MDA15 range of low noise masthead amplifiers.

- Very low noise figure <2.5dB
- 15dB Gain
- Gain control
- Designed to be powered by a DC power supply only



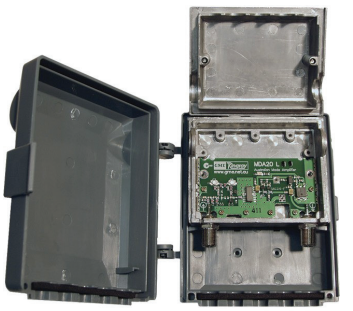
	MDA15W	00760444

UHF/VHF LOW NOISE DIGITAL TV MASTHEAD AMP

Kingray

The MDA20L is an F-Type, single input fully shielded masthead distribution amplifier designed to amplify 44 to 860MHz.

- Extreme low levels of noise during amplification
- Amplifies channels 0-69
- Designed specifically for analogue & digital signal amplification



Masthead amp only	MDA20LT	00760458

43DB UHF/VHF SHIELDED MASTHEAD

Kingray

F-Type masthead designed to amplify a UHF antenna and diplex a separate VHF antenna or amplify the UHF component of a combined antenna.

- Frequency Range: VHF 44-230 / UHF 520-860
- Maximum Gain (dB): VHF 32-38 / UHF 42
- Inputs: 1, 2 or Comb
- Noise Figure (dB): VHF <3 / UHF <2.5
- Gain Control (dB): VHF 15 / UHF 15
- Power Supply (PSK#): 02, 06 or 08



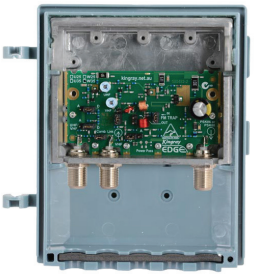
	MHW43FS	00760890

25DB MASTHEAD AMP WITH LTE/4G FILTER

Kingray

The Kingray Edge series of masthead amplifiers has been engineered to provide a future proof solution with switchable LTE/4G filtering to maximise interference rejection.

- 25dB is a medium gain, suiting most jobs
- Includes a LTE filter to keep out unwanted signals
- Includes weatherproof enclosure and cable ties to mount under TV antenna



Termination	Inputs	Economy	Shielded	Power Supply	Model	Code
F-Type	2		■		MHW25FS	00760974
F-Type	2			KPS06	MHW25FP	00760970
F-Type	2				MHW25F	00760969
F-Type	1	■		KPS06	MHW25FEP	00760972
F-Type	1	■			MHW25FE	00760971

35DB UHF/VHF MASTHEAD 'F' TYPE

Kingray



Designed to meet the needs of the television reception industry now and into the future.

- Frequency Range: VHF (A) 44-230 (D) 174-230 / UHF (A) 520-860 (D) 520-694
- Maximum Gain (dB): VHF 22-26 / UHF 35
- Inputs: 1, 2 or combination
- Noise Figure (dB): VHF < 3dB / UHF < 2.5dB
- Gain Control (dB): VHF Tilt 16-12 / UHF 15
- Power Supply (PSK or KPS): 06 or 08

Termination	Inputs	Shielded	Power Supply	Model	Code
F-Type	2	■		MHW35FS	00760984
F-Type	2		KPS06	MHW35FP	00760982
F-Type	2			MHW35F	00760981

UHF AMPS

15DB UHF LOW NOISE MASTHEAD

Kingray



Kingray are proud to announce the release of the MDA15 range of low noise masthead amplifiers.

- Very low noise figure <2.5dB
- 15dB Gain
- Gain control
- Designed to be powered by a DC power supply only

MDA15U 00760442

25DB UHF MASTHEAD AMP WITH LTE/4G FILTERING

Kingray



Protecting your television from LTE mobile broadband interference.

- Switchable LTE/4G filtering to maximise interference rejection
- Band: UHF
- Max. Gain: 25dB

Termination	Inputs	Shielded	Power Supply	Model	Code
F-Type	2	■		MHU25FS	00760955
F-Type	2		KPS06	MHU25FP	00760954
F-Type	2			MHU25F	00760953

35DB UHF MASTHEAD AMPLIFIER WITH LTE/4G FILTERING

Kingray



- Band: UHF
- Max. Gain: 35dB
- Inputs: 2
- Termination: 'F' socket

Termination	Inputs	Shielded	Model	Code
F-Type	2	■	MHU35FS	00760958
F-Type	2		MHU35F	00760956

VHF AMPS

15DB VHF LOW NOISE MASTHEAD

Kingray



Kingray are proud to announce the release of the MDA15 range of low noise masthead amplifiers.

- Very low noise figure <2.5dB
- 15dB Gain
- Gain control
- Designed to be powered by a DC power supply only

MDA15V 00760440

25DB VHF MASTHEAD AMPLIFIER

Kingray



MHV25F the ideal amplifier for VHF only installations.

- Low noise
- Adjustable gain
- AC or DC power supply compatible
- LTE and low band filtering
- Australian made
- 3 Year Warranty

MHV25F 00760785

DISTRIBUTION AMPS

5CH FTA HEADEND

Kingray



This kit includes a headend capable of processing 5 TV channels and associated sub-channels.

*Actual kit contains 5x channel processors (not 10x as pictured)

- Ideal for 3 scenarios:
- 1. Large TV systems with maybe 50+ TV points
- 2. For TV systems in locations suffering from poor TV signal
- 3. For older TV systems that cannot be easily rewired from RG59 to RG6Q

KCC/KLAKIT 00760010

LAUNCH AMPLIFIER / POWER

Kingray



The unique design of the KLA-110 incorporates a Launch Amplifier, Power Supply and Programming Interface. Designed to be mounted in the middle of the KR-110.

- Input frequency range: 44-862MHz
- Low insertion loss, input separator / output combiner
- Embedded web based program
- Adjustable output level
- Efficient low noise switch mode power supply

KLA110 00760020

32CH TDT HEADEND KIT TERRA

TERRA



Ideal for distributing Foxtel and FTA around larger sites such as apartment blocks.

- TDTs require just a single run of coax meaning the TCO is very affordable

TERRATDT32KIT	00760002

CHANNEL CONVERTER / PROCESSOR

Kingray



The KCC-110 is the most advanced channel converter/ processor available. Whether the KCC-110 is being used to output the same channel as it's input channel (processing) or a different output channel to it's input channel (converting), it is capable of adjacent channel operation on both input and output.

- Superior adjacent channel performance due to double saw filtering
- Input frequency range: 44-862MHz
- Very high MER level, up to 36dB
- Programmable via any computer with an Ethernet connection
- Adjustable output power level control

KCC110	00760022

SINGLE WIRE MULTISTACKER

Kingray



The new satellite reception and distribution technology over a single cable.

- Foxtel Approved: F30963
- Single cable distribution system
- Ideal for MDU and commercial

KMSF1	00760030

F-TYPE DISTRIBUTION AMPLIFIER

HILLS



Provides adequate gain and output signal for use in small to medium sized projects.

- Incorporating a dual function SLOPE/ GAIN control
- In-built CB & Cellular phone filters

27dB	MINILINK25	00760061
33dB	MAXILINK35F	00760066

4-WAY RF OVER CAT5 DISTRIBUTION AMPLIFIER

Kingray



High output distribution amplifier capable of supplying quality signal to up to four television receivers.

- Incorporates master gain and tilt controls, plus individual gain controls for each outlet, delivering a balanced output level regardless of cable lengths

	CAT01	00760500
19" rack bracket to suit	KB02	00760510

RF AMPLIFIER WITH SELECTABLE GAIN

S2 SPAUN



Ideal for use infront of a splitter to overcome its losses when needing to boost the signal level for more outlets.

- Gain selectable
- Integrated power supply

10 or 20dB	HNV20U	00760594
20 or 30dB	HNV30UPE	00760596

VHF/UHF DISTRIBUTION AMPLIFIER

Kingray



Free-to-Air distribution amplifier for use in MATV multiple dwelling applications.

- Separate inputs for VHF and UHF or combined
- Local or remote powering options
- Shielded construction

32dB	DW32	00760602
42dB	DW42	00760643

SUPER BROADBAND AMPLIFIER

Kingray



DSB38F is a high gain Free-to-Air & Satellite distribution amplifier.

- Frequency Range FTA 47-862MHz
- Frequency Range Satellite 950-2400MHz
- Test Port -30dB
- Foxtel Approved: F30977

	DSB38F	00760642

SINGLE INPUT SATELLITE AMP

Kingray



- Foxtel Approved
- Frequency Range: 950-3000MHz
- Powered by an external 18V regulated supply

Foxtel Approved# F30948	SAT25S	00760644
Foxtel Approved# F30949	SAT40S	00760647

SATELLITE DISTRIBUTION AMP

Kingray



This satellite IF distribution amplifier is perfect for long cable runs. This IF amplifier has two inputs allowing for simultaneous V and H amplification.

- Powers LNBs via the onboard regulator
- Equaliser adjustment to adjust the slope of the gain
- Powered by an external 18V regulated supply
- Frequency Range 950-3000MHz

29dB	SAT29D	00760645
42dB	SAT42D	00760648

SPLITTER AMPS

HEAD END RACK

Kingray



The KR-110 is a robust, dual purpose rack that will hold up to 10 modules and a KLA-110 launch amplifier / power supply.

- Strong press metal design
- Quick and easy to assemble
- Durable high quality powder coat finish
- The rack can be wall mounted or installed in a 19" rack simply by reversing the side support brackets

	KR110	00760015

12DB 4-WAY 'F' TYPE SPLITTER

HILLS



4-Way Amplifier Splitter.

- Amplify TV Signals 0-69
- 1-Input with 4-Outputs
- F-Type Connections
- Local & Remote Powering

	TDA104	00760145

16DB 4-WAY SPLITTER AMPLIFIER

Kingray



Remote Powered Wide band 4-way Splitter Amplifier.

- Multi-powering ideal for duplex or flats with no common power
- VHF Equaliser Control
- Optimised for both digital and analogue TV signal application
- Weatherproof housing allows both indoor (screw to rafter or beam) or outdoor (strap to mast) mounting options

SAM224FSDP	00760580

RF SPLITTER/AMPLIFIER

Kingray



- LED Power Indicator
- SMD design
- Electrical storm & static protection
- Continually adjustable preset gain control
- Australian Made and Approved

2-way	F-Type	SA162F	00760683
4-way	F-Type	SA164F	00760688

AMP POWER PACKS

'F' LINE POWER INJECTOR

Kingray



Suitable for powering amplifiers via the coaxial cable.

- 'F' socket to Amplifier
- 'F' socket to Television
- DC socket to Power Pack
- Maximum 30V AC/DC
- Locknut on 'F' Socket for fixing PIK01 to wall plate

PIK01	00760720

COAXIAL POWER INJECTOR

Kingray



- Positor protected, removal of short allows reset and normal operation

15V DC	1700mA	2.5.mm	PSK18KR	00760760
18V DC	500mA	2.5mm	PSK18S	00760755
14V DC	150mA	F-Type	PSK06	00760745
17.5V AC	100mA	F-Type	PSK08F	00760752
9V DC	100mA	PAL	PSK01	00760730
14V DC	150mA	PAL	PSK06F	00760747
17.5V AC	100mA	PAL	PSK08	00760750
22V AC	150mA	PAL	PS22	00760736

12V 2A POWER SUPPLY FOR KMS-F1

Kingray



- Foxtel Approved: F30966

PSK124F	00760770

BALUNS FILTERS & ATTENUATORS

RJ45 TO PAL BALUN TRANSFORMER

Kingray



Balun transformer cable RJ45 to PAL.

KLE02	00760505

SLOPE EQUALISER -1 TO 18DB

S2 SPAUN



A slope equaliser is used for long cable runs where attenuation (loss) is an issue.

- -1 to 18dB
- Attenuates the lower frequencies more than the higher frequencies

LE862F	00760586

5-694MHZ 4G INLINE FILTER

DOSS®



Filters LTE/4G signals for interference free VHF/UHF.

- PAL Socket to PAL Plug
- Installs inline
- 40dB attenuation for LTE

4GFP	00761300

5-694MHZ 4G ANTENNA FILTER

DOSS®



Filters LTE/4G signals for interference free VHF/UHF.

- F-Type socket to F-Type socket
- Waterproof enclosure for outdoor applications
- 40dB attenuation for LTE

4GFFWP	00761302

-50DB 4G/LTE FILTERS

Aerial Industries AI



Slim Low Pass LTE Filter.

- Connections protected against weather
- LTE rejection up to 50dB
- F-Type connectors Male to Female

694MHz	Up to CH51	FAE50	00761303
174~230MHz	CH6~12	FBPA50	00761306
569~610MHz	CH34~39	FBPC50	00761307
610~652MHz	CH40~45	FBPD50	00761308

-50DB 4G/LTE FILTER 652-694MHZ

Aerial Industries AI



652-694MHz Band Pass Filter.

- Passes channels 46 to 61 (block E)
- LTE rejection up to 50dB
- Return Loss >20dB typical
- Size: 13x48mm (58mm including 'F' connector)

FBPE50	00761309

-50DB 4G/LTE FILTER 526-568MHZ

Aerial Industries AI



526-568MHz Band Pass Filter.

- Passes channels 28 to 33 (block B)
- LTE rejection up to 50dB
- Return Loss >15dB typical
- 13x48mm (58mm including 'F' connector)

FBPB50	00761312

55DB 4G INTERFERENCE FILTER

Kingray



Super compact housing and exceptional LTE rejection.

- Unwanted 4G LTE signal is attenuated by 55dB
- Insertion Loss: 55dB @750MHz
- Input & Output connectors: F-Type

FL694LP	00761310

-60DB 4G/LTE FILTER 694MHZ

Aerial Industries AI



FAE60 Band 5 UHF 4G LTE -60dB filter.

- Filters out unwanted signal from 4G LTE transmissions
- Often restores TV signal quality (MER)

FAE60	00761304

LTE/4G MASTHEAD BAND-PASS FILTERS

Matchmaster TV Reception Systems



For filtering out 4G/LTE signals for clear TV reception.

- Comes in an outdoor enclosure and cable ties
- Generally mounts on mast under TV antenna
- Block/band filters are ideal for when you receive signals from multiple TV transmitters, but only want one; avoid duplicate channels on your STB/TV

Low-pass	45~694MHz	FD02	00761320
Band-B	526~568MHz	FD03	00761322
Band-C	568~610MHz	FD04	00761324
Band-D	610~652MHz	FD05	00761326
Band-D/E	610~694MHz	FD06	00761328
Band-E	652~694MHz	FD08	00761330

INLINE F-TYPE ATTENUATOR

An attenuator reduces the amplitude or power of a signal without appreciably distorting its waveform. In that, it is effectively the opposite of an amplifier.



3dB		ATT3F	00761355
6dB		ATT6F	00761357
9dB		ATT9F	00761359
9dB	with power pass	ATT9FP	00761390
12dB		ATT12F	00761361
16dB		ATT16F	00761364
20dB		ATT20F	00761366

INLINE F-TYPE ATTENUATOR

S2 SPAUN



- Power pass-through
- F-Type plug to socket
- DC~2400MHz

3dB	CAT3FA	00761392
6dB	CAT6FA	00761394
10dB	CAT10FA	00761396

INLINE PAL ATTENUATOR

An attenuator reduces the amplitude or power of a signal without appreciably distorting its waveform. In that, it is effectively the opposite of an amplifier.



3dB	ATT3B	00761372
6dB	ATT6B	00761374
12dB	ATT12B	00761376
18dB	ATT18B	00761380

MASTHEAD 'F' ANTENNA BALUN



F-Type with wire leads.

- Connects 75Ω coaxial cable through F-Type connection to 300Ω terminals on aerial with insulated wire leads.

BT3F	00763015	

'F' SOCKET ANTENNA BALUN



Matching transformer with 75Ω coaxial socket input and 300Ω ribbon cable with spade terminal output.

- 75~300Ω

EU276A	00763048	

SCREW BALUN 300Ω TO 75Ω



Plugs directly into 75Ω input socket of TV set.

- Screw terminal 300Ω ribbon input
- 75 to 300Ω

EU287	00763088	

SPLITTERS & TAPS

SPLITTER / COMBINER WITH PASSTHROUGH

ChannelPlus



Splitter/Combiner with DC & IR Passthrough.

- Ideal for IR over coax installations
- 5MHz ~ 1GHz bandwidth
- 3.5dB insertion loss

2-way	2512	00842055
4-way	2514	00842065

MASTHEAD ANTENNA SPLITTER

DOSS®



Compact 75Ω coaxial splitter suitable for in-ceiling cabling.

- Secure saddle and screw termination
- Power pass-through
- V.S.W.R.: 1.3

4-way	EU224	00845144

2-WAY PAL TV ANTENNA SPLITTER



Commonly used in-wall sockets for TV, Video or FM tuner output.

- 'T' Piece Metal coaxial splitter
- 2-Way
- 75Ω

2-way	EU275M	00845240

PAL PLUG TO 2X PAL SOCKETS

CONNEXIA



X07541	00845242

'F' PLUG TO 1X 'F' SOCKET & 1X PAL SOCKET

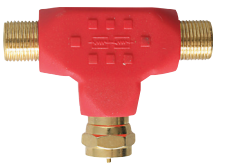
CONNEXIA



X07540	00845243

'F' PLUG TO 2X 'F' SOCKETS

CONNEXIA



X07539	00845244

'F' PLUG TO 2X PAL SOCKETS

CONNEXIA



X07538	00845245

2-WAY PAL TV ANTENNA SPLITTER



Right angle 2-way 75Ω coaxial splitter. Commonly used in-wall sockets for TV, Video or FM tuner output.

EU275P	00845260

3-WAY PAL TV ANTENNA SPLITTER



The Model 2514 DC & IR Passing 4-way Splitter/Combiner is a bi-directional 4-way splitter/combiner that provides a 1GHz bandwidth and is ideal for antenna and coaxial cable operations.

- 1GHz bandwidth
- 8dB insertion loss
- Passes DC IR signals on the coax
- Use as signal splitter or combiner

EU283P	00845270

PAL PLUG TO 3X PAL SOCKETS

CONNEXIA



- 75Ω TV Splitter

X07542	00845272

F-TYPE SATELLITE SPLITTER/COMBINER

DOSS®

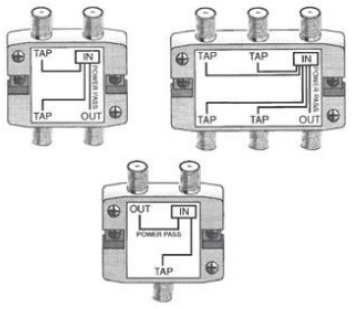


High quality Satellite & Cable compatible 75Ω splitters in Zinc diecast housing.

- F-Type connections designed to operate from 2GHz down to 5MHz
- Built-in grounding block
- All ports power pass-through
- Not IR passing
- Can be used to combine or split

2-way	SP2F	00845350
3-way	SP3F	00845354
4-way	SP4F	00845358
6-way	SP6F	00845360
8-way	SP8F	00845362

VHF/UHF F-TYPE TAP/SPLITTER



- High quality Zinc diecast housing
- For both VHF and UHF frequencies
- Power passing: DC 24V/1A (max.)
- Built-in grounding block
- Return loss: <18dB
- Impedance: 75Ω

1-way	15dB	ST3115PP	00845403
1-way	20dB	ST3120PP	00845406
2-way	10dB	ST3210PP	00845409
2-way	24dB	ST3224PP	00845415

FREE TO AIR 'F' SPLITTERS

DOSS®



- 75Ω coaxial splitters
- 5~900MHz Splitters with power pass on one leg
- Metal shielded case with F-Type sockets

2-way	FSP2F	00845434
3-way	FSP3F	00845436
4-way	FSP4F	00845435
6-way	FSP6F	00845437
8-way	FSP8F	00845438

FREE TO AIR 'F' SPLITTERS WITH DC POWER PASS

GRAETZ



One power pass port splitters. Quality PCB construction with equalization and impedance matching, Higher isolation and return loss. Port positions permit neater results and better weather protection. Shielding exceeds =120dB.

- 75Ω coaxial splitter
- 5~1000MHz Splitters with power pass on one port
- Metal shielded case with F-Type sockets
- Insertion Loss -12dB @ 500MHz

12-way	SP1275FP	00845444
16-way	SP1675FP	00845446

3-IN 8-OUT COMBINER/ AMPLIFIER

resi-linx®



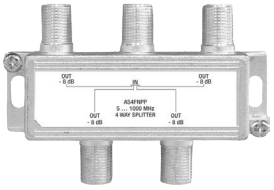
The RL-RF380's patented design is for whole-house video distribution with IR control.

- Inputs: 3
- Outputs: 8
- Output Run Distance: 60m
- IR Control: Yes
- Patented
- Must be remotely powered by an IR Modulator when using the IR Control

RLRF380	00845460

FOXTEL APPROVED F-TYPE SPLITTER

PCTV INTERNATIONAL



- Superior intermodulation distortion and second harmonic performance
- Excellent return loss and port-to-port isolation in the return band
- Weather-sealed 'F' ports
- Nominal Impedance 75Ω
- Blocking Capacitors All ports
- Surge Withstand IEEE C62.41-1991 Category A3 (6000V, 200Amp, 0.5µs-100kHz Ring Wave)

3-way	Approval No: F30224	AS3FNPP	00845503
4-way	Approval No: F30225	AS4FNPP	00845504

FOXTEL APPROVED F-TYPE TAP

PCTV INTERNATIONAL



- High tap to tap isolation
- Suitable for CATV & SMATV
- Zinc Die Cast, Bright Tin Finish and Solder Shield Bottom Plate
- Screening factor: Class A
- Input power pass: 30V DC / 1A
- All ports 'F' connector 75Ω

4-way	Approval No: F30253	AS4TF12	00845512
8-way	Approval No: F30740	AS8TF16/II	00845514

8-WAY F-TYPE 15DB TAP

HILLS



8-way, 15dB high isolation tap used in TDT jobs.

- Foxtel Approved: F30737

BC81326	00845518

F-TYPE SPLITTER

Kingray



Suitable for free to air TV and satellite.

- Available in 2, 3, 4, 6 & 8-way
- Foxtel Approved for the following: F30950 (2-way), F30951 (3-way) and F30952 (4-way)
- 2-way splitter can also be used for TDT fit offs

2-way	KSP2F	00845602
3-way	KSP3F	00845603
4-way	KSP4F	00845604
6-way	KSP6F	00845606
8-way	KSP8F	00845608

5-2400MHZ SPLITTER

Kingray



Reverse power pass splitters are designed for multistacker jobs.

- The voltage passes through the splitter to power active taps

2-way	KSP2FRPP	00845612
4-way	KSP4FRPP	00845614

4-WAY 5-2400MHZ TAP

Kingray



Taps are commonly used down the risers of commercial buildings and apartment blocks.

- Foxtel Approved: F30954 (12dB), F30955 (15dB) and F30956 (20dB) for backbone satellite MDUs, Comm and TDT jobs

12dB	KT412F	00845644
15dB	KT415F	00845646
20dB	KT420F	00845648

ACTIVE TAP 47-2400MHZ

Kingray

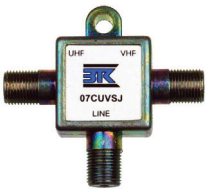


Active taps are commonly used for IQ3 Foxtel multistacker multilevel buildings.

8-Port	KAT8F	00845650
16-Port	KAT16F	00845652
32-Port	KAT32F	00845654

DIPLEXER & TRIPLEXERS

INDOOR DIPLEXER VHF/UHF



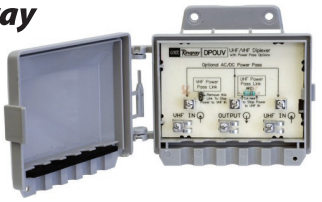
Economical UHF/ VHF diplexer.

- Used to combine a VHF and UHF antenna with loss of less than 2dBuV

	07CUVFJ	00763330

UHF/VHF DIPLEXER

Kingray



Combines the UHF and VHF to one single signal.

- Insertion Loss: typically less than 1dB VHF/UHF
- Rejection: UHF Input - 50dB VHF, VHF Input - 35dB UHF
- AC Pass on VHF Input.
- Unique SMD Design/ Printed Coils
- Optional UHF AC Pass Feature

Screw & Saddle	DPOUV	00763335

SATELLITE & FTA DIPLEXER



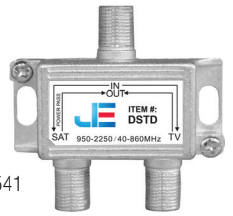
Satellite/Cable and Free-to-Air Diplexer.

- Combine FTA and Satellite/Cable transmission into one coax cable
- Split FTA and Satellite/Cable transmission from one coax cable into two
- Eliminates interference between Satellite/ Cable signal and FTA signal by built-in filters
- DC Pass-through via Satellite input for masthead-amplifier supply
- 2x Mounting screws supplied

	SATDIPLEXER	00763349

DIPLEXER SATELLITE & FTA 'F'

JONSA



Diplexer used for combining or separating satellite and terrestrial signals.

- Foxtel Approved: F10541
- F-Type connections

	DSTD	00763354

TV HARDWARE

MASTING

1.5M MAST EXTENSION POLE

DIGITEK



A quick and easy way to add a UHF aerial to an existing VHF installation.

- The "U" bolts supplied allow fixing to an existing mast of up to 55mm diameter
- Total length: 1.5 metres

	14FMEXT15GAL	00902400

GALVANISED ANTENNA MAST/POLE

HILLS



- Hot dip galvanised, galvabond steel

1.8m	Ø25.5mm	GM18	00902408
2.4m	Ø31.7mm	GM24	00902424
3.0m	Ø38.1mm	GM30	00902440

TELESCOPIC ANTENNA MAST/POLE

HILLS



- Free accessory pack with guy ring plates, thimbles, screws, retaining pins and end cap
- Efficient, drop-in locking pins simplifies extending mast
- Fully designed & manufactured in Australia

6m	FC180	00902456
9m	FC172	00902472
12m	FC164	00902488
15m	FC156	00902504

1.5M CARAVAN / RV TELESCOPIC



Natural finish anodised aluminium suitable for TV and other antennas.

- Extends to 1.5 metres in 3 sections
- Top section is 27mm dia., which is compatible with almost all TV antenna mounting hardware
- Bottom section is 35mm dia.
- Top section has a sturdy cap and features a slot, which enables you to neatly thread the coax lead down through the mast

	CTM15	00902525

3.6M CARAVAN TELESCOPIC MAST



- Aluminium 32mmØ mast with 28mmØ twist lock telescoping section
- 1.8m extends to 3.6m

CEM36	00902527

MOUNTING

180MM 'D' TYPE MAST CLAMP



Suits mast up to 52mm in diameter.

FB602448	00902516

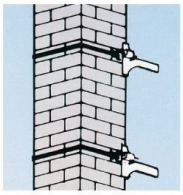
DRAW BAR MOUNT SUIT CARAVAN



- Mounts on caravan tow bracket (A frame) with fixing bolts
- Accommodates standard antenna masts

DBRM	00902520

CHIMNEY MOUNT KIT





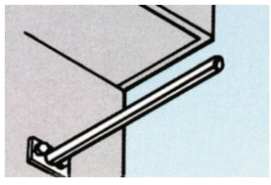
The most popular models for strong fitting of antenna masts to chimneys. Consists of:

- Chimney lashings with brackets
- 'J' bolts
- 'U' bolts with nuts and washers to suit
- Strap seals
- Galvanised stainless steel strapping

Double	for long	14ECCK	00902728
Single	for small to medium	14ECKS	00902712

EAVE/FASCIA MOUNT BRACKET

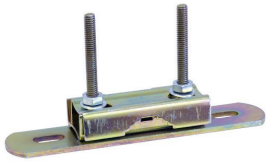
HILLS.



For mounting masts to brick or timber walls and fascia panels.

1.0m	EMB1	00902750
0.28m	EMB280Z	00902752

FLUSH WALL MOUNT



For mounting mast to vertical flat surface.

FWM1Z	00902765

IRON ROOF MOUNT



- Sits on the ridge capping
- Guying is necessary to secure mast
- Suits Stramit or Brownbuilt roof ridge capping

14AIRMGAL	00902792

LOFT MOUNT

HILLS.



For mounting aerial under a tiled or shingle roof, on rafters or joists.

- Can be secured above or below rafter
- Height above rafter: 360mm

LMH26	00902808

LEAD FLASHING KIT 13-40MM



Environmentally safe flashing suitable for potable water.

- Vertical Boot is made of EPDM or Silicone Compound
- Pipe sizes clearly marked on boot to ensure a perfect fit every time
- Profile Lead & Aluminium Base allows for great fit into any roof tile profile
- Pipe size ranges from 0mm-330mm

LFK1	00902812

PIPE FLASHING RUBBER BOOT



2-Port design for metal roofs.

- Weather protection
- Adaptable base
- Fire retarding agents

PFRB	00902814

1.8M RAFTER ANTENNA MOUNT



- 1.8m mast x 25mm diameter
- Mast with angled plate for securing to rafters
- Hot dip galvanised in Australia

Ø25mm	RM18-25	00902818

STAY BARS WITH MAST COLLAR

DIGITEK



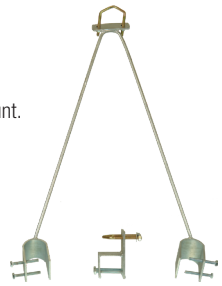
Stay bars for supporting a mast or fascia bracket.

- Collar accepts masts from 25~32mm in diameter
- Sold as a pair

1.2m (4')	SBK4Z	00902820
1.8m (6')	SBK6Z	00902821
2.4m (8')	SBK8Z	00902822

STEEL STRAMIT DECK MOUNT

DIGITEK



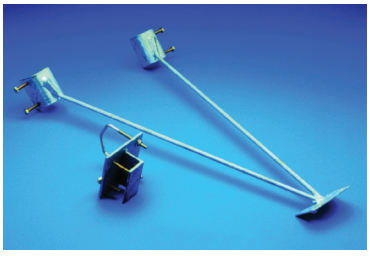
Galvanised steel deck mount.

- For Stramit or Brownbuilt clamp down flat decking
- Can support standard masts without guying
- For masts up to 3 metres

14ASMTW	00902825

ROOF DECK / STRAMIT MOUNT

HILLS.

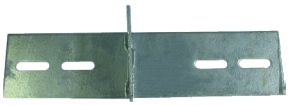


DIY masting installations and is suitable for metal clad Klip-Lok roofing profiles.

- It includes the mast mounting base bracket and two metal rod stay bars that clamp to the side of the cladding flutes
- Proudly made in Australia at the O'Sullivan Beach facility in South Australia

FB602414	00902827

METAL ROOF MOUNT & U-BOLT KIT

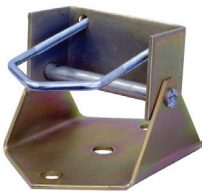


Metal roof mount & U-bolt kit.

- Right angle light roof mount

KC4100	00902838

TELESCOPIC ANTENNA MAST FOOT



- For mounting telescopic masts, by bolting on to a solid base
- Suits masts up to 58mm in diameter

FB602498	00902840

METAL FASCIA MOUNTING BRACKET



- Attaches to pitch roof beam

MFMBZ	00902846

GALVANISED ROOF TRIPOD MOUNT



Hardware to securely install an antenna closer to the peak of a roof to receive better signal than mounting off a fascia board.

for Iron/Tin roofs	14ATPMI	00902852
for Tile roofs	14ATPMT	00902855

IRON/TIN ROOF TRIPOD MOUNT

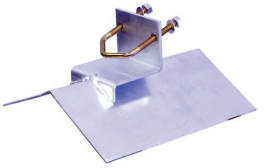


Tin roof mount with 1.2m mast, normally used for mounting TV antennas on flat tin roofs.

- The mount features the new e-coating, making them highly weather resistant

14ATPMIEGY	00902853

120° TILE ROOF ANTENNA MOUNT



For mounting guyed masts on tile ridge.

- 120° Tile Ridge

14ATRMGAL	00902872

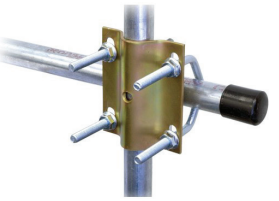
53CM VERTICAL ANTENNA MOUNT



53cm mount. For mounting antenna vertically away from mast, takes up to 2" vertical masting.

VSB53	00902882

VERTICAL ANTENNA MOUNT



Vertically mounts the antenna away from the mast.

- Supplied with 5/16" 'U' bolts
- Note: Masts not included

VPB1	00902888

1.8M CURVED FASCIA MOUNT



- 1.7m length x 25mm diameter
- Hot dip galvanised in Australia

CFM6	00902996

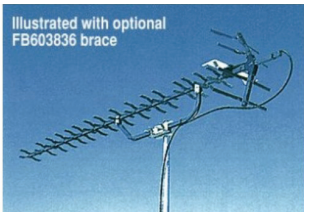
1.4M CURVED FASCIA MAST



- Height: 1.4m
- Hot-dip galvanised; CFM4B then powder-coated black
- Fully designed & manufactured in Australia

● 1.4m	CFM4B	00903000
◒ 1.4m	CFM4G	00903001

CENTRE SUPPORT BRACKET



- Centre brace bracket for TMX34 UHF Antenna

FB603836	00903005

1.8M UNIVERSAL ROOF MOUNT



The TPMBKE1.8 universal mount is a product to mount an antenna on a tile roof.

- Easier and quicker to install
- Cheaper than traditional products
- Environmentally friendly, lead-free design

14ATPMBKE	00906025

TV HARDWARE ACCESSORIES

'U' BOLT WITH NUTS & WASHERS



140 x Ø8mm	UB5	00901197
100 x Ø8mm	UB4	00901176

8G X 20MM WALLBOARD ANCHOR



The WallMate™ is the original self drilling plasterboard anchor.

- WallMate™ feature an effective drill point for easy penetration of plasterboard
- Both the screw and the WallMate™ can be easily removed without losing the anchor inside the cavity
- The low profile head allows for flush fixing

WMZ	00901200

M4 8MM HOLLOW WALL ANCHOR

Ramset



For 8-13mm wall thickness.

	HW13M4	00901210

DYNA BOLT EXPANSION ANCHOR



Medium-duty, torque controlled, expansion anchor, with an integrated pull-down section, designed for medium duty anchoring of timber and steel fixtures to concrete, brick or block.

40 x Ø8mm	DB40	00901250
65 x Ø8mm	DB65	00901260
85 x Ø8mm	DB85	00901270

GUY WIRE / LASHING CLAMP



Plated clamp for securing guying or lashing wire.

	GWC1	00901344

ZINC-PLATED COACH SCREW



Mounting screw suitable for fixing brackets to timber fascias.

- Suits curved fascia mount, eave mount and brackets

50 x 10mm	CS50	00901440
65 x 10mm	CS65	00901450
75 x 10mm	CS75	00901460
40 x 10mm	CS38	00901432

WOOD SCREW EYE



- Used for guying antenna mast
- Wood screw type
- 8mm hole

175mm x 8mm	175mm	SE7	00901528
100mm x 9mm	100mm	SE4	00901512

STRAMIT MOUNTS



To suit various installations.

- Screw foot, guy foot, or mast foot options

Mast foot	MFS1	00901755
Screw foot	SFS1	00901745
Guy foot	GFS1	00901750

267MM GUYING BRACKET



Guy anchor plate.

- Hot dip galvanised
- Length: 267mm

	GB9	00901760

GUY CLEAT GALVANISED



TV antenna hardware.

- Galvanised Zinc plated guy cleat

	GCG1	00901765

GUYING PLATE



Hot-dipped galvanised guy ring plate.

51mm	GP51	00901792
42mm	GP42	00901781
32mm	GP32	00901770
38mm	GP38	00901776

GUYWIRE ROLL

HILLS



Suitable for antenna mast guying & data cabling.

- AS2841 Standard
- Zinc plated

16 gauge	90m	GW16	00902208
20 gauge	180m	14JGWR	00901880

LOCKING RING



Plated locking ring with locking screw.

51mm	FB902102	00902515
42mm	LR42	00902512
38mm	LR38	00902511
32mm	LR32	00902510

MAST EXTENSION KIT



- 2x long 'U' bolts (152mm) and 6x 'V' blocks, with nuts and washers
- Extends mast

	14MEXTACC	00902552

CAP TO SUIT CFM6 HOCKEY STICK



Plastic cap for 25mm diameter television mast, fits over end of the mast to seal out water.

	CFMCAP	00902994

LIGHT DUTY ANTENNA ROTATOR

Channel Master



Channel Master CM-9521A Light Duty Antenna Rotators are perfect for rotating UHF, VHF, 6-Meter, TV, FM or magnetic loop antennas.

- Accepts TV antenna mast up to 2.0" diameter
- The rotator will turn 300°
- 68 position programmable memory (for TV channels 1-69)
- IR remote

	9521A	00903500

3.6M STEEL MAST STRAPPING KIT



- 3.6m Galvanised steel coil
- 2x 'J' bolts & seals

SK3053	00903816

6MM THIMBLE FOR LASHING WIRE



- Suits guying or lashing wire, galvanised, protection against fraying

TH2203	00904216

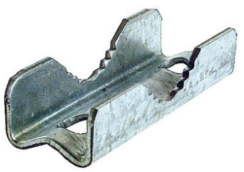
GALVANISED HOOK & EYE TURNBUCKLE



- Galvanised hook and eye
- Overall length: 185mm

185mm	8mm	TB185	00904260
185mm	6mm	TB897	00904256

'V' BLOCK STANDARD



Large Vee block for masts up to 58mm Ø.

V1	00904501

1.8M FREE TO AIR GUTTER MOUNT



Bolts to rafter under roof tiles, and protrudes under tile lip above guttering.

- Sturdy, heavy-duty construction
- Hot-dipped galvanised

ANTGM	00906022

2 PART 1.8M FREE TO AIR GUTTER



For mounting free to air TV antennas from the roof's gutter.

- 2 part design meaning you install the base first and then add the pole

ANTGM2	00906023

SATELLITE DISHES

65CM KU BAND OFF SET DISH



Foxtel Approved: F30710, 65cm dish.

- Typically for domestic and MDU use

FF200020	01001042

120CM KU BAND COMMERCIAL DISH



Commonly used for commercial satellite installations.

- Foxtel Approved: F30231, for use in TDT backbones

BC3903	01001044

OFFSET SATELLITE DISH



Satellite dish with tri-arm design.

- Type: Offset
- Material: Galvanised steel with powder coat finish
- Colour: Dark Grey
- Available Sizes: (Horizontal Dia.) 90cm & 120cm

SDJ90C1	01001080

MOTORIZED SATELLITE TV SYSTEM



The SatKing Pro Max Fully automatic motorised satellite TV dish system.

- Pre-Programmed to receive VAST and Foxtel/Austar
- Fully automatic self aligning
- Last position memory
- Suitable for Caravan, motorhome, motor vehicle and camping use
- 3 Year Warranty

5570	01001107

SATELLITE ACCESSORIES

3-IN 8-OUT MULTISWITCH



3-in 8-out ports.

- 60mA current consumption on each output
- 400mA Max current to LNB

SMS38F	00761460

CASCADABLE MULTISWITCH



- 2-inputs 12-outputs
- Made in Germany
- Foxtel Approved: F10241
- Remote Voltage for pol. switching (16V=H)
- 5 Year Warranty
- Dimensions: 90x202x38mm

12-out	Cascadable	SMS2212F	00761500

18V 1A POWER INSERTER



Recommended for use with Spaun cascadable multiswitches i.e. SMK55163FA.

- Powers the Free to Air portion of the multiswitch
- Not required for 4-wire installations

SNG181000	00761545

CONNECTOR DC BLOCKER F TO F

SPAUN



Line power block.

- 2 per set

DCF500SET 00761550

STAR C-BAND LNB

SatKing



3022 01001118

DUAL POLARITY LNB

SHARP

Dual polarity LNB used with smaller (Ku) dishes.

- Dual F type output
- Ideal for Foxtel domestic and MDUs satellite installations
- Foxtel Approved: F30707



BC49165 01002010

KU BAND SATELLITE LNB

STRONG

Sends the required frequencies to the satellite decoder box.

- Ideal for satellite Foxtel IQ or IQ2



Output	Type	Model	Code
950~1450MHz	Single	SRTL721	01002024
1000~2050MHz	Single	SRTL801	01002026
1000~2050MHz	Dual	SRTL802	01002028
1000~2050MHz	Quad	SRTL804	01002034

KU BAND SATELLITE LNB DUAL

Aerial Industries

- Local Osc. Frequency: 10.7GHz
- Input Frequency Range: 11.7-12.75GHz
- Output Frequency Range: 1,000-2,050MHz



- Dual F-Type output

AIL107T 01002048

QUAD LNBF OFFSET KU LO 10.7GHZ

Acer



The Acer low current quad output LNBF is used to connect up to 2x PVR Foxtel or 4 standard receivers to a single dish.

- L.O. frequency of 10.7GHz
- Reception Frequency 11.70 ~ 12.75GHz
- Output Frequency 1000 ~ 2050MHz
- Gain In band: Typ 5dB

LNBQULC 01002050

SATELLITE HARDWARE

PORTABLE SAT TRIPOD MOUNT

Satellite tripod mount with leave.

- Portable tripod mount
- Suitable 65cm-80cm dish
- Folds away for easy storage
- Pre-galvanised steel
- Top part is powder coated in black



- 44m mast tubing
- Pre-galvanised legs

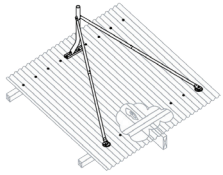
14CCM 00905010

65CM SATELLITE TIN ROOF MOUNT

HILLS

Satellite dish tin roof mount.

- Suits up to 65cm Dish
- Foxtel Approved: G99



FB607042A 00905990

VERTICAL SURFACE MOUNT

HILLS

Ideal for mounting satellite dishes (up to 80cm) to a vertical surface.



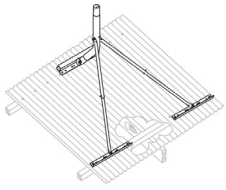
FB607059 00906000

XHD TIN ROOF FLEXIMOUNT

HILLS

Heavy-duty tin roof mount suited to the Hills 120cm dish.

- Foxtel Approved: F30728, for use with large commercial (TDT) jobs



- Australian made

FB607137C 00906002

SATELLITE MOUNT TIN ROOF

JONSA

This roof mount is easily mounted to most tin roofs.



- 90cm dish maximum
- Foxtel Approved: F10404
- Mounting accessories included

SBS18 00906005

IRON/TIN ROOF SATELLITE MOUNT

- Satellite mount for tin roof
- Pre-Galvanised steel
- Mast is 44mm diameter



14CFIRMECO 00906010

SATELLITE WALL MOUNT FOR 90CM

JONSA

Satellite wall mount.

- 90cm dish maximum
- Foxtel Approved: F10408



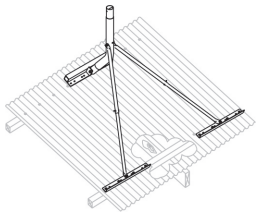
SBS12 00906012

TIN ROOF MOUNT SUIT 1.2M DISH

JONSA

Foxtel approved tin roof mount for the SDJ1/2 120cm dish.

- This hardware is usually for large TDT jobs



- (The replacement mount is the Hills FB607137C)

SBS13 00906013

SATELLITE GUTTER MOUNT

DOSS

- Single arm satellite gutter mount for rafter 44mm
- Pre-galvanised tube
- Comes with black cap



SATGM 00906020

COMMUNICATIONS

PERSONAL LOCATOR BEACON (PLB) 181

CB RADIOS UHF/VHF 181

MOBILE UHF 181

HANDHELD UHF 183

MARINE VHF 183

AIR BAND VHF 184

CB ACCESSORIES 184

CB ANTENNA ACCESSORIES 184

CB MICS & HEADSETS 186

CB POWER ACCESSORIES 187

MISC. CB ACCESSORIES 188

MOBILE / CAR ANTENNAS 189

CB / UHF 189

27MHZ 192

VHF 193

SCANNING 193

CELLULAR / BROADBAND 193

AM / FM / DAB RADIO 196

ACCESSORIES 197

BLUETOOTH CAR KITS 198

TELEPHONES 198

ORICOM PHONES 198

UNIDEN PHONES 199

UNIDEN ADDITIONAL HANDSETS 200

PANASONIC PHONES 200

PANASONIC ADDITIONAL HANDSETS 201

TELEPHONE ACCESSORIES 201

PLUGS & SOCKETS 201

WALL PLATES - MODULAR 202

LEADS 203

FILTERS 203

RINGERS 204

OFFICE PHONE HEADSETS 204

BLUETOOTH MOBILE ACCESSORIES 205

MOBILE PHONE ACCESSORIES 205

ACCESSORIES 205

COMMUNICATIONS

NEW PRODUCTS

XRS330 & AE4018BK TOURING PACK

GME



XRS-330C Super Compact UHF CB Radio, with the AE4018BK1 antenna, the perfect solution for those looking for the ultimate setup for their 4WD tourer.

- Bluetooth Wireless technology – Smartphone control
- Professional grade OLED speaker microphone
- User-customisable buttons
- Includes 6.6dBi Elevated-feed antenna

XRS330CTP 08603638

SPECIAL EDITION RED UHF

ICOM



IP67 80CH UHF Hand-held Radio.

- Waterproof and dustproof (IP67)
- 5 Year Warranty on radio
- 18hr battery (BP280)
- Compact and rugged construction (based on a commercial product)
- Made in Japan

IC41PRO-RED 08604883

WIDE AREA MOBILE IP RADIO+GPS

TooAir



The TA-300 is a fixed mount compact mobile designed to fit under-dash, in dash or adaptable to overhead console mounting with its reversible LCD display.

- Group Call (One to Many)
- Individual Private Call (One to One)
- Internal GPS engine
- Radio Stun

TA300 08605300

2.1DB 58CM UHF AERIAL BLACK

GME



Rugged, high performance Antennas to suit Australia's harsh conditions.

- Black Radome fibreglass construction
- Ground Independent
- Gain: 2.1dBi
- Length: 580mm

AE4701B 00240923

GO BUILDING INDOOR/OUTDOOR

CEL-FI



Tested & authorised for use on the Telstra Mobile Network.

- Cel-Fi Go Stationary Model
- Includes: External & internal antennas, splitter & cables
- Band selection button
- Gain: 100dB
- Bluetooth WAVE App for iPhone, Android & computers

RPRCF00169 00421554

AIR VENT MAGNETIC MOUNT HOLDER

Aerpro First Choice



APMVLOK premium vent mount will securely hold your mobile device in place!

- Powerful strong-hold magnets
- 360-degree rotating head
- Locking grips for thick or thin vents
- Adjustable magnetic head angle

APMVLOK 43080152

TELESCOPIC MAGNETIC DASH MOUNT

Aerpro First Choice



- Powerful strong-hold magnets
- 360-degree rotating head
- Telescopic arm
- Locking knob secures magnetic head angle

APMTDASH 43080154

PERSONAL LOCATOR BEACON (PLB)

PERSONAL LOCATOR BEACON (PLB)

GME



More Australian rescues start with GME than with any other brand!

- Fitted with NON-HAZMAT long life batteries
- Featherweight, compact and robust construction
- 50 search channel GPS receiver for better than 100 metre accuracy
- Digital 406MHz, 5 Watt transmission plus 121.5MHz homing signal
- 7 Year Warranty

MT410GAUS 08600001

CB RADIOS UHF/VHF

MOBILE UHF

5W 80CH FULL DIN SIZE 2-WAY

GME



- User adjustable full spectrum LCD backlight
- Memory channel quick select
- 5 digit selcall with quiet mode
- 95 user programmable extra receive channels
- Front facing speaker
- 3 Year Warranty
- CTCSS and DCS

TX4500S 08603486

5W 80CH DIN SIZE 2-WAY RADIO

GME



- ScanSuite™
- TX4500S 5W 80CH 2-way UHF CB
- W1 wireless steering wheel mounted PTT button with two extra programmable buttons
- Hands-free microphone with 2.4m lead
- 5 Year Warranty

TX4500WS 08603488

80CH SUPER COMPACT UHF RADIO

GME



Enabled by Bluetooth® Smart technology, XRSTM is the first of a new generation of connected UHF radios with unique features never before seen.

- Bluetooth smart connectivity
- End user software upgradeable via the App
- Create and share personalised scan lists - up to 400 frequencies
- Customisable buttons

XRS330C 08603633

XRS CONNECT PORTABLE PACK

GME



The XRS-330CP comes with everything you need to get started.

- High-contrast, anti-glare OLED screen
- Bluetooth connectivity
- Free firmware upgrades via XRS Connect app
- Professional-grade 2 Watt speaker microphone

XRS330CP 08603634

80CH UHF XRS CONNECT CB RADIO

GME



Get Connected, Get XRS - Bluetooth enabled UHF CB radio.

- First ever UHF CB radio with App control
- End user software upgradeable via the App
- App compatible with iOS9.0, Android 5.0 and above
- 5 Year Warranty + 1 Additional Year for downloading and registering App

XRS370C 08603635

TX3100 WITH ANTENNA & BRACKET

GME



Everything you need to get you started!

- TX3100 5W 80CH super compact UHF CB
- AE4018K2 6.6dBi gain, high performance antenna
- MB407SS Z mounting bracket

TX3100VP 08603651

80CH 5W SUPER COMPACT UHF CB

GME



One of the most advanced 5 Watt UHF CB radios of its kind.

- ScanSuite™
- CTCSS & DCS
- Digital signal processing
- 5 Year Warranty

TX3120S 08603654

TX3120S PLUG "N" PLAY KIT

GME



Introducing the latest generation of portable UHF CB communication – TX3120S Plug 'n' Play.

- ScanSuite™
- CTCSS & DCS
- 5 Year Warranty
- Open and group scan mode

TX3120SPNP 08603655

TX3100 PLUG N PLAY KIT

GME



Plug 'n' Play super compact UHF CB radio.

- Digital Signal Processing
- Unique Display Flip Function: can be mounted with the speaker facing upwards or downwards
- Adjustable squelch
- 3 Year Warranty
- CTCSS and DCS Programmable scan function
- Australian design and manufacture

TX3100PNP 08603657

40CH 5W MINI TRANSCEIVER

GME



The latest addition to the GME 40-channel UHF CB range, its super compact size and innovative 'flip' feature make for easy installation. Incorporating the latest Digital Signal Processing technology the introduction of the TX3100 marks the dawn of a new era in UHF communications.

- Unique flip feature for flexible mounting
- 50-in-built CTCSS codes
- Powered by Pure Sound DSP engine
- User selectable duplex channels
- 104-in-built DCS codes
- User adjustable squelch
- High contrast LCD display

TX3100DP 08603659

5W 80CH 12/24V UHF TRANSCEIVER

ICOM



- 5 Watts (High) and 1 Watt (Low) Selectable Output Power
- Noise cancelling microphone
- Voice recorder allowing up to 10 messages
- 12 or 24 Volt automatically detected
- New design, compact control speaker microphone

IC450 08603681

80CH PROFESSIONAL UHF RADIO

ICOM



- Active noise cancel mic (as standard)
- Easy to see White backlit LCD display
- Rugged MIL SPEC
- Front mounted speaker
- Made in Japan

IC410PRO 08603684

TX3500S UHF RADIO VALUE PACK

GME



GME TX3500S is one of the most advanced 5 Watt UHF CB radios of its kind.

- ScanSuite™
- CTCSS & DCS
- Die-cast chassis
- Full spectrum backlighting
- 5 Year Warranty

TX3500SVP 08603689

5W 80CH DSP UHF TRANSCEIVER

GME



GME TX3500S is one of the most advanced 5 Watt UHF CB radios of its kind.

- Equipped with GME's newest digital scanning technology - ScanSuite™
- Advanced signal management
- Graphic signal strength meter
- Open and group scan
- CTCSS and DCS
- 5 Year Warranty

TX3500S 08603690

5W 80CH FULLY FEATURED

GME



5W 80CH fully featured under dash UHF radio.

- User adjustable full spectrum LCD backlight
- CTCSS and DCS
- Advanced signal management
- Open and group scan
- 5 digit selcall with quiet mode
- 95 user programmable extra receive channels (403-520MHz)
- 3 Year Warranty

TX3510S 08603692

5W SUPER COMPACT UHF CB RADIO

GME



Super Compact UHF CB Radio with LCD SoundPath™ Speaker mic.

- Powered by Pure Sound DSP engine
- Australian design and manufacture
- Full spectrum backlit LCD microphone with SoundPath™ speaker
- 5 Year Warranty

	TX3350	08603694

TX3350 ULTIMATE VALUE PACK

GME



TX3350UVP TX3350 Ultimate Value Pack.

- Super compact UHF CB Radio with LCD SoundPath™ speaker mic
- AE4018K3 Antenna kit & AE4002 low gain Antenna Whip
- MB407SS "Z" & MB024SS Bull Bar Antenna mounts
- Australian design and manufacture
- 5 Year Warranty

	TX3350UVP	08603698

HANDHELD UHF

IP67 80CH UHF HAND HELD RADIO

ICOM



- Dustproof and Waterproof (IP67)
- 5 Year Warranty on radio
- 18hr battery (BP280)
- Compact and rugged construction (based on a commercial product)
- Made in Japan

	IC41PRO	08604880

SPECIAL EDITION ORANGE UHF

ICOM



IP67 80CH UHF Hand-held Radio.

- Waterproof and dustproof (IP67)
- 5 Year Warranty on radio
- 18hr battery (BP280)
- Compact and rugged construction (based on a commercial product)
- Made in Japan

	IC41PRO-ORANGE	08604882

5W IP67 HAND HELD UHF RADIO

GME



TX6500S 80-channel radio is Australian designed and built and is the most advanced UHF Citizen Band radio available.

- ScanSuite™
- Dust and waterproof to IP67
- Digital Signal Processing
- Keypad lock
- 5/1 Watt switchable with Intelligent Battery Management
- CTCSS, DCS and SelCall with quiet mode and alpha labelling

	TX6500S	08607084

1W UHF CB HANDHELD RADIO

GME



TX667 is the perfect entry-level UHF CB radio.

- 1/0.5 Watt switchable transmission power
- Ultra compact & lightweight
- Up to 17hrs battery life
- USB multi-charging

	TX667	08607282
Twin Pack	TX667TP	08607284

2W UHF CB HANDHELD

GME



TX677 is a serious performer in a compact chassis.

- Compact & lightweight design
- 2/0.5 Watt switchable transmission power
- Up to 14hrs battery life
- USB multi-charging

	TX677	08607288
Twin Pack	TX677TP	08607290
Quad Pack	TX677QP	08607292

5W UHF CB HANDHELD KIT

GME



These radios are serious equipment for users who demand the ultimate in handheld UHF CB communication, for both work and play.

- 5/1 Watt switchable transmission power
- Rugged design, IP67 ingress protection
- Up to 30hrs battery life
- Built-in LED torch
- Warranty: 2 Years, battery pack 1 Year
- Accessories: 2600mAh Li-Ion battery pack (BP024), IP67 Waterproof speaker microphone (MC011), Earpiece style microphone (HS015), 12V DC vehicle charger, Desktop charger, AC Adaptor & Belt clip

Handheld with accessories	TX6160	08607298
Handheld only	TX6160X	08607296

5W 80CH UHF HANDHELD RADIO - TWIN PACK

GME



These radios are serious equipment for users who demand the ultimate in handheld UHF CB communication, for both work and play.

- 5/1 Watt switchable transmission power
- Rugged design, IP67 ingress protection
- Up to 30hrs battery life
- Built-in LED torch
- Warranty: 2 Years, battery pack 1 Year

	TX6160TP	08607300

MARINE VHF

5W WATERPROOF VHF MARINE RADIO

ICOM



A compact design, hourglass body-shape and comfortable side grips give the IC-M72 an outstanding "form factor" – it's easy to use with just one hand!

- Waterproof/Submersible (IPX8) (1.5m depth, 30min.)
- Large capacity Lithium-Ion battery (15-16+ hrs typical operation)
- Force 5 Audio for clear voice reproduction (0.6 Watt)
- VOX (Voice operated) available with selected audio accessories
- Auto Scan when no signal is received
- One touch Ch 16 & user channel
- Convenient "TAG" scanning

	ICM73EURO	08603420

5W JIS7 VHF MARINE & LAND RADIO

ICOM



The IC-M88 is built tough to withstand hazardous and inhospitable environments at sea and on land. Even if the IC-M88 is dropped into water, complete waterproofing will protect it from harm. The compact and durable body has been tested to the military specifications (MIL-STD).

- Waterproof, not just water resistant (JIS 7)
- 55 marine channels and 22 free channels for land use
- Suitable for use with VHF LMR band private frequencies
- Li-Ion battery for extra long battery life
- Large backlit LCD display
- Normal, Priority "TAG" scanning
- Intrinsically Safe version available (with scrambler capability)

ICM88 08603423

AIR BAND VHF

5W 200CH HANDHELD VHF AIR BAND

ICOM



Icom's most affordable (VHF) Air Band Transceiver (For Pilot Applications).

- Simple operation
- Rugged construction
- Output power 5.0W (PEP) 1.5W (CW)
- Loud audio output (BTL Amplifier - 700mW)
- Full air band coverage (118-136.975MHz)
- 200 memory channels (8-character alpha tagging)
- BP232N Li-Ion battery supplied (18hrs typical)

ICA15 08600995

CB ACCESSORIES

CB ANTENNA ACCESSORIES

UHF / VHF AERIAL MAGNETIC BASE

MOBILE ONE



Heavy-duty magnetic CB antenna base attached to 12ft coaxial cable and PL259 plug.

MAG12C 08750752

BIGMAG MAGNETIC ANTENNA BASE

BENELEC



This universal Magnetic base provides the benefit of simple short-term installation of an antenna to any Ferrous based metal panel.

- Universal Mounting of GPI (Ground Plane Independent) antennas
- Silicon Surface Protector will protect vehicle paint work
- Antenna M-Base
- Ø140mm x 30mm
- 5m x RG58C/U Terminated with UHF Plug

02724 08750753

SUPER SUCKER MAGNETIC SUCTION

BENELEC



The super sucker combines suction and magnetism to securely fix the antenna to the vehicle. Unlike standard magnetic bases, the rubber base won't scratch metal surfaces.

027423 08750755

3.6M UHF PLUG TO PLUG LEAD

MOBILE ONE



RG58CU coax with a PI259 connector attached on both ends.

- Suit antennas UHF & HF 27MHz CB & antennas 4MHz to 600MHz
- Length: 3.6m

C12C 08750850

27MHZ ANTENNA BASE



Standard 5/16" brass thread to fit 27MHz mobile CB whips.

- Mounting Hole Diameter: 15mm

MB27 08751201

UHF ANTENNA BASE



Standard 5/16" brass thread to fit UHF mobile CB whips. Features higher isolation cable connection than 27MHz base.

- Mounting Hole Diameter: 15mm

MBU 08751248

UHF BASE LEAD WITH UHF PLUG



UHF base with 3.6m coax lead attached to bare ends. Features higher isolation cable connection than 27MHz base.

- Mounting Hole Diameter: 15mm

MB12UL 08751250

A12C 27MHZ BASE/LEAD & PLUG



Standard 27MHz base with 3.6m coax lead attached to PL25.

BLP12 08751252

3.6M PL259 BASE LEAD

MOBILE ONE



SO239 UHF Antenna Base with 3.6m RG58CU coax and a PL259 Connector.

- Suit antennas UHF CB & antennas 3MHz to 600MHz

SOC12C 08751254

6M 'N' PLUG TO SMA PLUG

BENELEC



'N' Plug to SMA Plug - Low loss cable.

- Coaxial cable
- Type: LL195
- Length: 6m

101205 08751270

12M 'N' PLUG TO SMA PLUG

BENELEC



'N' Plug to SMA Plug - Low loss cable.

- Coaxial cable
- Type: LMR400/LL400
- Length: 12m

1012095 08751275

3M SMA PLUG TO 'N' SOCKET

BENELEC Professional Wireless Solutions

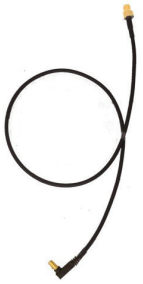


- Low loss cable
- Coaxial cable
- Type: LL195
- Length: 3m

10100SMA 08751277

TS9 PLUG TO SMA SOCKET

BENELEC Professional Wireless Solutions



(Turbo 7+) TS9 to SMA Socket.

- 40cm lead
- LL100 cable

1013102 08751285

GUTTER MOUNT AERIAL BRACKET

BENELEC Professional Wireless Solutions



Fold down slope adjustable gutter bracket.

- Materials: Polished stainless steel

02714S 08752445

GUTTER MOUNT AERIAL BRACKET

BENELEC Professional Wireless Solutions



Heavy-duty adjustable gutter bracket.

- Suits standard mobile base
- Supplied with Allen key for installation

SKSGB 08752448

HEAVY-DUTY MOUNT WITH S0239 & PL259



Super Antenna Mount for CP Range of UHF CB Antennas.

- Heavy-duty antenna mount with PL259 side connection to suit the CP Range antennas

SAM2S 08752457

LIGHT DUTY AERIAL SPRING



Strong spring, fits standard mobile base and whip. 5/16" thread.

- Size: Ø20 x 70(L)mm

SAL 08752480

HEAVY DUTY AERIAL SPRING



Extra heavy-duty spring.

- Overall Dia.: Ø24mm
- Length: 70mm
- Fits standard mobile base and whip 5/16" thread

SAO 08752488

BAR BRACKET STAINLESS STEEL

BENELEC Professional Wireless Solutions



Stainless steel bull bar bracket.

- Vertical or horizontal mount option
- Max. Bar OD: Ø30mm

02728 08752515

Z MOUNT STAINLESS STEEL BRACKET

GME



Bonnet/Boot 'Z' shaped antenna mounting bracket.

- 2mm Stainless Steel

MB407SS 08752561

WRAP AROUND BULL BAR MOUNT

BENELEC Professional Wireless Solutions



Suitable for Bull bar mounting of Mobile GPI Antennas.

- For medium weight antennas
- Suitable for 5/8"(16mm) stud mounting antenna

45mm	027313	08752570
50mm	027314	08752572

BULL BAR MOUNT AERIAL BRACKET

BENELEC Professional Wireless Solutions



- Vertical stainless steel bull bar bracket
- Mounting bar diameter: Ø30~52mm

BB2 08752581

HEAVY DUTY BULL BAR MOUNT

BENELEC Professional Wireless Solutions



Extra heavy-duty legal bull bar bracket.

- Material: 316 Polished stainless steel
- Bar diameter: Ø40~60mm

02732 08752584

ADJUSTABLE LIP MOUNT

BENELEC Professional Wireless Solutions



- Material: Black Chrome S/Steel
- Ø16mm mounting hole
- Tilt Angle: -20° ~ +90°, 360° swivel
- Max. 5mm lip thickness

027303 08752585

BBM1 BOOT / BONNET MOUNT

BENELEC Professional Wireless Solutions



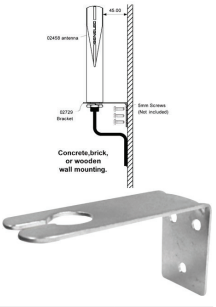
Chrome plated steel mount with 18mm Ø mounting hole, suits standard and heavy-duty CB bases.

- Cable clamp supplied

02734 08752589

WALL MOUNTING BRACKET

BENELEC Professional Wireless Solutions



Description: Wall mounting bracket.

- Materials: Polished stainless steel
- Size: 16mm hole
- Screw: 3x5mm hole

02729 08752592

CB MICS & HEADSETS

GME MICS AND HEADSETS

	Brand	Model	Type	Description		Model	Code
	GME	TX610, TX655, TX670	Ear mic	PTT and VOX switch		HS004	08601709
	GME	TX6160	Ear mic	PTT and VOX switch		HS015	08601742
	GME	TX685, TX6150	Ear mic	PTT and Vox switch		HS009	08601735
	GME	TX665, TX675, TX685, TX6150	Ear mic	Clear ear-tube & lapel mic		HS010	08601736
	GME	TX3500, TX4500	Speaker mic	Premium mic with magnetic mount	Gold	MC553G	08601934
	GME	TX3500, TX4500	Speaker mic	Premium mic with magnetic mount	Platinum	MC553P	08601936
	GME	TX3500, TX4500	Speaker mic	Premium mic with magnetic mount	Silver	MC553S	08601938
	GME	TX6160	Speaker mic	IP67 rating		MC011	08601744
	GME	TX3510 / TX3520 / TX4500	Speaker mic	With heavy-duty MB206 bracket		MC553B	08601932
	GME	TX685 / TX6155	Speaker mic	Dust & Waterproof mic		MC010	08601740
	GME	TX7200	Speaker mic	With 90° connector		MC001	08601753
	GME	TX6000	Speaker mic			MC6000	08601765
	GME	TX series	Speaker mic			MC005	08601795
	GME	TX665, TX675, TX685, TX6150	Speaker mic			MC007	08601797
	GME	TX200, TX835	Speaker mic	Electret mic with CH8 button		MC405	08601850
	GME	TX3500, TX3000, TX3200, TX3220	Speaker mic	Electret mic		MC557B	08601952
	GME		Speaker	7W 4Ω extension speaker		SPK09	08752870

ICOM MICS AND HEADSETS

	Brand	Model	Type	Description	Model	Code
	iCom		Ear mic	Earhook with flexible boom mic	HS94	08604970
	iCom		Ear mic	Behind the head/flexible mic	HS95	08604972
	iCom	IC41W	Ear piece + mic	With PTT button	HM153LA	08604951
	iCom	IC4088	Headset		HS85	08604968
	iCom		Mic	Throat mic	HS97	08604980
	iCom	IC41S, IC4088S	PTT	VOX PTT for HS94/95/97	VS1L	08604990
	iCom	IC4088S, IC40S	Speaker mic	Straight plug entry	HM131	08603729
	iCom	IC400PRO	Speaker Mic	Heavy-duty	HM148	08603730
	iCom	IC400PRO	Speaker Mic		HM152	08603735
	iCom	IC400PRO	Speaker Mic	DTMF mic	HM152T	08603740
	iCom	IC41W, IC41S	Speaker Mic	With 90° connector	HM158LA	08604956
	iCom	IC41W, ICF3033, ICF4033	Speaker Mic	Noise cancelling / 90° plug	HM159LA	08604961
	iCom	IC41	Speaker Mic	IP67 waterproof	HM168LWP	08604965
	iCom	IC-M35	Speaker Mic	Handheld marine mic	HM165	08605002

SPEAKER MICROPHONE

Suits UH073 UH075 UH076 UH078sx.

	Brand	Model	Type	Model	Code
	Uniden	UH078	Speaker mic	SM078	08604899

GENERIC MICS AND MIC ACCESSORIES

	Brand	Model	Type	Description	Model	Code
	Generic		Cable	PTT (Push to Talk) cable	07840H	08752062
	Generic		Covert kit	3 wire covert kit	078213H	08752072
	Generic		Ear piece + Mic	Flexible D ear piece & PTT mic	07832H	08752065
	Generic		Ear piece + mic	Acoustic earpiece with PTT	078211H	08752070
	Generic		Ear tube	Replacement ear tube	07821T	08752080
	Generic		Hardware	Magnetic type mic holder	07201	08752114
	Generic		Hardware	Screw type mic holder	MH3S	08752116
	Generic		Mic	Throat mic	07841H	08752060
	Generic		Mould kit	Ear mould kit	07821M	08752075
	Motorola	GP328	Plug	H-Termination radio adaptor	07890M4	08752090
	Motorola		Plug	H-Termination radio adaptor	07890M3	08752092
	iCom	IC41S	Plug	H-Termination radio adaptor	07890S6	08752094
	iCom/Uniden/GME		Plug	H-Termination radio adaptor	07890S1	08752098
	Kenwood		Plug	H-Termination radio adaptor	07890K1	08752102
	Generic		Speaker Mic	Noise cancelling dynamic mic	07702BK	08752048
	Generic		Speaker Mic	Medium-duty mic	07812H	08752050
	Generic		Speaker Mic	Heavy-duty mic	07813H	08752055

GENERIC EXTENSION SPEAKER

	Brand	Type	Description	Model	Code
	Generic	Speaker	5W 8Ω extension speaker	ANT828	08752855
	Generic	Speaker	8W 4Ω extension speaker	ES1	08752880

CB POWER ACCESSORIES

ICOM POWER ACCESSORIES

	Brand	Model	Type	Description	Model	Code
	iCom	IC4088S	Battery	3.6V 700mA Ni-CD	NBP202	08604921
	iCom	IC40GX	Battery	7.2V 700mA Ni-MH	BP160	08605104
	iCom	ICF3G, ICF30, ICA24	Battery	7.2V 1650mA Ni-MH	BP210N	08605140
	iCom	IC41PRO	Battery	7.2V 2400mAh Li-Ion	BP280	08604884
	iCom	ICM35	Battery	7.4V 980mA Li-Ion	BP252	08605195
	iCom	ICT90A	Battery	7.4V 1300mA Li-Ion	BP217	08605152
	iCom	IC41W	Battery	7.4V 2000mA Li-Ion	BP232WP	08605175
	iCom	IC41S	Battery	7.4V 2300mA Li-Ion	BP232H	08605170
	iCom	ICF33G	Battery	6x AA cell spare pack	BP240	08605190
	iCom	ICR3	Battery	Li-Ion spare battery pack	BP206	08605130
	iCom	IC41PRO, CP23L, BC123SV	Charger	Single drop in charger IC41PRO	BC213	08604888
	iCom	ICV82, ICU82	Charger	Rapid desktop cradle charger	BC144	08604924
	iCom	IC41PRO	Charger (6-way)	Rapid charger for 6x IC41PRO	BC214	08604886
	iCom		Charger (6-way)	Rapid (req. 6x AD106 & BC157V)	BC121N	08604916
	iCom	IC40JR	Charger adapter		AD89	08604914
	iCom	IC4088S	Charger adapter		AD105	08604917
	iCom	IC41S, IC41W	Charger adapter	For BC121N & BC119N charger	AD106	08604918
	iCom	IC440, IC400PRO	Lead	DC power lead	OPC346	08603760
	iCom	BC213	Lead	Desktop charger DC Cig lead	CP23L	08604996
	iCom		Lead	Cigarette lighter cable	CP22	08601009

GME CB POWER ACCESSORIES

	Brand	Model	Type	Description	Model	Code
	GME	TX685, TX6150, TX6155	Battery	2600mAh Li-Ion Battery Pack	BP024	08601807
	GME		Charger	Desktop rapid (1hr) charger	BCD001	08601714
	GME	TX6155	Charger	Desktop Rapid charger	BCD020	08601783
	GME	TX680/6100/685/6150/6200/6500S	Charger	6-way (6hr) multi-charger	BCM001	08601758
	GME	TX670	Charger	Twin cradle	BCD010	08601782
	GME	TX3200, TX3220, TX3400, TX3440	Lead	Power lead	LE09	08603663
	GME		Lead	12V Vehicle Lighter DC lead	BCV007	08601720

24V 12V CIGARETTE POWER SUPPLY

Battery Eliminator / Cigarette Lighter Power Lead for the UH040 and UH042

	Brand	Model	Type	Description	Model	Code
	Uniden	UH506SX-2NB/507SX-2NB/515SX-NB	Battery	Spare battery	BP506	08617098
	Uniden	UH040, UH042	Power supply	12/24V battery eliminator	CL040	08607077

MISC. CB ACCESSORIES

GME MISCELLANEOUS ACCESSORIES

	Brand	Model	Type	Description	Model	Code
	GME	TX6000	Case	Leather carry case	LCM7000	08601770
	GME		Mount	Magnetic microphone mount	MB207	08752127

ICOM MISCELLANEOUS ACCESSORIES

	Brand	Model	Type	Description	Model	Code
	iCom		Adaptor	SMA plug to BNC socket	AD92SMA	08604920
	iCom	IC41S, IC41W	Adaptor	BNC adaptor	AD98FSC	08604922
	Icom	IC41W, IC41S	Antenna	470~520 MHz flexible antenna	FASC72U	08604928
	iCom	IC41PRO	Case	Orange nylon case	NC2000C-OR	08604947
	iCom	IC41PRO	Case	Leather carry case	LC2000C	08604948
	iCom	LMR Transceiver	DTMF Decoder		UT108	08603705
	iCom		Earphone	Clear acoustictube earphone	SP27	08604987
	iCom	IC400PRO	Hardware	DIN size mounting bracket kit	MB400	08603710
	iCom	IC41PRO	Hardware	Belt clip	MB133	08604885
	iCom	IC400PRO	Lead	RS232 cloning lead	OPC1122	08603720
	iCom	IC400PRO	Lead	USB cloning lead	OPC1122U	08603725
	iCom	IC400PRO	Lead	External modem connect cable	OPC617	08603765
	iCom	IC41S	Lead	USB programming cable	OPC478UC	08607022
	iCom	ICR5	Lead	Receiver data cloning cable	OPC474	08607027
	iCom	ICR5	Lead	RS232 cloning lead	OPC478	08607026
	iCom		Lead	Vox conversion cable	OPC2004LA	08604982
	iCom	ICR5, IC41S	Software	Cloning CD	CSR6	08607024
	iCom	IC400PRO	Software	Cloning/programming CD	CS400PRO#10	08603715

SCANNERS

MINIATURE WIDEBAND RECEIVER

ICOM



The 100Ch/Sec Wideband Signal "Search Machine".

- Full frequency coverage (0.100MHz to 1309.995MHz)
- FM WFM AM Receive Modes
- Internal bar-antenna (For superior AM reception)
- 15hrs of Continuous Receive (With external speaker)
- 1300 Memory Channels (22 Memory Banks)
- High Speed Scan (100Ch per Second)
- Louder, clearer audio output (BTL Circuits)

ICR6 08607018

BEARCAT TRUNK TRACKER V

Uniden



UBCD436PT scans APCO 25 Phase 1 and Phase 2, Motorola, EDACS and LTR trunked systems, as well as conventional analogue.

- Factory Programmed Micro SD card for all District scan groups arranged by CFA
- Specifically designed for the Victorian Emergency Services Organisation, the Country Fire Authority (CFA)
- Backlit Keypad & LCD
- Trunk Tracker V Operation
- Close Call™ RF Capture Technology

UBCD436PT 08607039

DESKTOP / MOBILE RADIO SCANNER

Uniden



The UBC355XLT features Close Call RF Capture Technology and this scanner automatically listens for any nearby or close transmissions, once they occur, the scanner immediately tunes in to this frequency which is ideal for use at events or locations when the transmission is unknown.

- Designed and engineered in Japan
- Desktop/In-Car unit
- 300-Channels 8 pre-programmed Service Banks + Private Bank
- Bank Scanning - 8 Frequency bands
- Frequency searching
- Max. Search Speed: 180 Steps/sec (5kHz step)

UBC355XLT 08607041

BEARCAT TRUNK TRACKER V

Uniden



It scans APCO 25 Phase 1 and Phase 2, Motorola, EDACS and LTR trunked systems, as well as conventional analogue.

- Factory Programmed Micro SD card for all District scan groups arranged by CFA Frequency Database
- Backlit Keypad & LCD
- Close Call™ RF Capture Technology

UBCD536PT 08607044

MOBILE / CAR ANTENNAS

CB / UHF

2.1DB UHF ON GLASS ANTENNA

GME



The new AE5002 is an Australian made on-glass antenna, pre-tuned to 477MHz and with 2.1dBi gain. It has an inconspicuous under glass coupling box.

- 2.1dBi gain under glass coupling box
- Pre-tuned to 477MHz
- Inconspicuous design
- High quality low loss coaxial cable
- Terminated with FME connectors for easy installation

AE5002 00240890

9DB STAINLESS STEEL FOLD DOWN

GME



Fold down stainless steel with base + 4m lead plug assembly.

- 6 & 9dB gain antenna
- Fold down adapter
- Antenna is removable from base
- Ground independent
- Supplied with 3.6m coax cable & connector

AE409L 00240901

6.6DB 95CM UHF BLACK ANTENNA

GME



Rugged, high performance Antennas to suit Australia's harsh conditions.

- Length: 95cm
- Gain: 6.6dBi
- Ground independent
- 4.5m low loss foam Coaxial cable and PL259

AE4018BK1 00240906

2.1DB STAINLESS STEEL AERIAL

GME



15cm UHF Aerial.

- Stainless steel
- Flexible (Unity Gain)
- 2.1dB

AE4001 00240907

2.5DB 40CM DIPOLE UHF AERIAL

GME



2.5dB Gain UHF Aerial.

- Length: 400mm
- Ground independent
- Includes 4.5m cable & plug

AE4005 00240909

6.6DBI HEAVY-DUTY ANTENNA

GME



GME's most heavy-duty elevated feed style UHF antenna.

- Length: 1000mm
- Gain: 6.6dBi
- Ground independent
- 4.5m of low loss coaxial cable with PL259

AE4018K3 00240910

4.5DB STAINLESS STEEL AERIAL

GME



GME UHF CB Mobile Antenna.

- Length: 60cm
- Gain: 4.5dB
- Stainless steel

AE4007 00240912

4.5DB HEAVY-DUTY UHF AERIAL

GME



GME AE4018K1 UHF Aerial.

- Length: 980mm
- Type: Collinear
- Frequency: 477MHz
- Tuning: Factory pre-tuned
- VSWR: <1.5 to 1
- Power: 50 Watts
- Impedance: 50Ω

AE4018K1 00240918

6.6DB UHF COLLINEAR AERIAL

GME



Ground independent Antenna.

- Length: 1.2m
- Gain: 6.6dB
- Supplied with 4.5m coaxial cable
- PL259 coaxial connector
- Heavy-duty base/spring

AE4705 00240927

REPLACEMENT ANTENNA FOR GME TX685 & TX6155

GME



Replacement antenna, suits the TX685/TX6150 hand held radios.

- Length: 84mm
- Flexible rubber design
- Helical copper style

AE4021 00240913

477MHZ 10DBI 3.9M FIBREGLASS

GME



Rugged, high performance antennas to suit Australia's harsh conditions!

- Length: 3.9m
- Gain: 10dBi
- Fibreglass radome
- 'N' connector fitting

AE4110 00240920

8.1DB UHF COLLINEAR AERIAL

GME



Collinear design Antenna.

- Length: 2.1m
- Gain: 8.1dB
- Heavy-duty barrel spring
- Complete with 4.5m RG58 coax
- PL259 plug

AE4706 00240930

4.5DB WHIPSET UHF AERIAL

GME



This antenna is perfectly suitable for 4WD or Off-Road application, mounted on a bull bar or nudge bar where it could be subject to typical 4WD treatment, or alternatively is still light enough for guard/fender mount brackets, mirror mounts on trucks or gutter mounts.

- Length: 60cm
- Gain: 4.5dB
- Stainless steel whip
- Elevated feed antenna with spring
- Heavy-duty
- Long range

AE4012K2 00240915

2.1DB 58CM UHF AERIAL

GME



Unity Gain Aerial with light parallel spring.

- Length: 58cm
- Gain: 2.1dB
- Ground independent
- Comes with 4.5m coaxial cable and plug

AE4701 00240921

2DB UHF AERIAL TNC CONNECTION

GME



2dB gain antenna to suit TX6000/TX6200.

- 477MHz portable whip unity gain with TNC Connector

AE6000HG 00240933

4.5DB COLLINEAR UHF AERIAL

GME



64cm UHF Aerial.

- Gain: 4.5dB
- Type: Collinear
- Heavy-duty fibreglass
- Pre-tuned for high-performance
- Copper braid with top loading coil
- Heavy-duty PVC sheath

AE4018 00240917

6.6DBI UHF COLLINEAR AERIAL

GME



Medium-duty Collinear Aerial.

- Length: 1040mm
- Gain: 6.6dBi
- Medium barrel spring
- Comes with 4.5m coaxial cable and plug

AE4702 00240924

ALL TERRAIN BLACK UHF ANTENNA

GME



Two of GME most popular antennas in a convenient all-in-one package!

- Length: 1200mm / 460mm
- Gain: 6.6 / 2.1dBi
- Two antenna whip options
- Black Radome fibreglass construction
- Heavy-duty spring base

AE4705BTP 00240937

477MHZ 6.5DB GAIN UHF AERIAL WITH SPRING



- Gain: Full 6.5dB gain
- Low SWR (no tuning required)
- Computer designed & manufactured
- 3.6m cable length
- Made in Australia

890mm Spring+Black 1/4 wave tube	RF470BSS	00241214
860mm Fibreglass top+Large spring	RF470FWMS	00241219

477MHZ 2DB 1/2 WAVE UHF AERIAL



477MHz Ground Independent 2dB Gain 1/2 Wave UHF CB Antenna.

- Lightweight flexible nylon
- Ground independent
- Maximum 15MHz bandwidth
- Low SWR (no tuning required)
- 3.6m cable length
- Made in Australia

CD470 00241361

477MHZ HIGH GAIN 6DB UHF



477MHz High Gain 6dB Fibreglass UHF CB Antenna.

- Gain: Maximum 6dB gain
- Strong flexible fibreglass
- Low SWR (no tuning required)
- Made in Australia

M476 00241394

477MHZ 6DB GAIN BASE STATION



477MHz Ground independent 6dB Gain Base Station Antenna.

- Gain: 6dB
- Broadband coverage
- Made in Australia
- Strong aluminium & fibreglass construction

COL6 00241328

477MHZ 2DB 1/2 WAVE UHF AERIAL



477MHz Ground Independent 2dB Gain 1/2 Wave UHF CB Antenna.

- Lightweight flexible nylon
- Ground independent
- Maximum 15MHz bandwidth
- Low SWR (no tuning required)
- UHF screw plug attached to base
- Made in Australia

CD470PL 00241363

477MHZ 6DB UHF AERIAL



- Length: 1200mm
- Gain: Maximum 6dB gain on 477MHz
- Type: Collinear fibreglass
- Frequency: 477MHz
- Max. Power: 1400 Watts
- Pattern: Omni directional
- Termination: 5/16" x 26TPI - Female

M476W 00241395

477MHZ 9DB GAIN BASE STATION



This antenna can be mounted almost anywhere and with any type of mount and does not need to be earthed.

- Length: 3200mm, with 'N' connector
- Type: Ground independent Collinear
- Frequency: 474-482MHz
- Pattern: Omni-directional
- This UHF antenna is excellent for cars, trucks, 4WD, tractors and any type of base unit

COL9 00241332

477MHZ 4.5DB HEAVY DUTY AERIAL



A 7mm thick heavy-duty fibreglass collinear covered with polyolefin for heavy-duty use and weatherproof protection.

- Length: 590mm (23")
- Gain: 4.5dBi

●	M474HD	00241375
●	M474HDR	00241376

477MHZ 3DB PLUG & PLAY ANTENNA



The CP473 is designed mainly as a bull bar mount antenna and can be mounted onto a SO239 type mount.

- Length: Low profile 640mm long
- Gain: High performance 3dB gain
- Anti-theft security locking
- Strong fibreglass Radome
- Plug 'n' Play for quick fitting/removal
- Easy installation (no tuning required)
- Special low loss high frequency cable

CP473B 00241397

477MHZ 3DB UHF CB AERIAL



477MHz Ground Independent 3dB Gain Hand Held UHF CB Antenna.

- 477MHz 1/2 Wave Antenna with BNC Mount
- Lightweight Flexible Nylon
- Ground independent
- Full 1/2 Wave with 3dBi gain
- Low SWR (no tuning required)
- Made in Australia
- Available with TNC connector (TNCHW)

BNC477H 00241360

477MHZ 4.5DB GAIN UHF AERIAL



477MHz High Gain 4.5dB Fibreglass UHF CB Antenna.

- Gain: Full 4.5dB gain
- Lightweight flexible fibreglass
- Computer designed & manufactured
- Low SWR (no tuning required)
- Made in Australia

M474 00241386

477MHZ 6DB GAIN PLUG & PLAY



The CP476S is designed mainly as a bull bar mount antenna and can be mounted onto a SO239 type mount.

- Gain: High performance 6dB gain
- Strong fibreglass Radome
- Low SWR (no tuning required)
- Plug 'n' Play for quick fitting/removal
- Made in Australia

CP476SK 00241400

477MHZ 6DB GAIN PLUG & PLAY



The CP476S is designed mainly as a bull bar mount antenna and can be mounted onto a SO239 type mount.

- Length: Low profile 1.1m long
- Gain: High performance 6dB gain
- Plug 'n' Play for quick fitting/removal
- Anti-theft security locking
- Easy installation (no tuning required)
- Special low loss high frequency cable
- Made in Australia

CP476SSAMK 00241405

477MHZ 6DB GAIN PLUG & PLAY



Raised feed fibreglass collinear & barrel spring + 4.5m coax.

- Length: 1680mm
- Type: Collinear
- Frequency: 474-482MHz
- Max. Power: 200 Watts
- Pattern: Omni directional

CP476SAMPK 00241408

477MHZ 4.5DB GAIN PLUG & PLAY



Raised feed fibreglass co-linear & barrel spring + 4.5m coax.

- Length: 1180mm
- Type: Collinear
- Frequency: 474-482MHz
- Max. Power: 200 Watts
- Pattern: Omni directional

CP474SSAMK 00241430

477MHZ 4.5DB GAIN UHF AERIAL



477MHz 4.5dB Gain Stainless Steel UHF Antenna.

- Gain: Full 4.5dB gain
- All stainless steel & brass design (will not corrode)
- Very low SWR (no tuning required)
- Made in Australia

S474 00241500

477MHZ 4.5DB GAIN UHF AERIAL



In Black. 477MHz 4.5dB Gain Stainless Steel UHF Antenna.

- Gain: Full 4.5dB gain
- All stainless steel & brass design (will not corrode)
- Very low SWR (no tuning required)
- Made in Australia

S474B 00241502

3/6.5DB ELEVATED FEED UHF KIT



Mobile coverage for the UHF Commercial Radio Bands.

- Length: 450/900mm
- Gain: 3dB, 6.5dB
- Frequency: 476.42 - 477.40MHz
- Radiation: Omni directional
- Polarization: Vertical
- Heavy-duty, stainless steel & fibreglass construction
- Complete Kit including stainless spring & elevated feed base, 6.5dB & 3dB antennas, RG58 lead and plug

02635 00241600

4/6.5DB RUGGED UHF DUAL ANTENNA KIT



The construction of each antenna features a black or white radome, with the antenna detachable from the mounting spring, offering protection against antenna theft.

- Length: 495/1170mm
- Gain: 4dB/6.5dB
- Frequency: 477MHz
- Radiation Pattern: Omni directional
- Plated brass mounting stud
- Available in Black or White

●	495 / 1170 mm	02638	00241605
○	495 / 1170 mm	02638W	00241606

9DB UHF LONG RANGE ANTENNA



Base coverage for the UHF Citizens Radio Band.

- Length: 1.30m
- Gain: 9dB
- Radiation Pattern: Omni directional
- 17/7 Hardened stainless steel radiator
- Primarily suited to off road use
- 477MHz citizens band
- Construction: High gain stainless steel whip top

02629 00241610

6.5DB UHF MOBILE ANTENNA KIT



Mobile coverage for the UHF Citizens Radio Band. Flexible lightweight CB construction for on vehicle installation.

- Length: 870mm
- Gain: 6.5dB
- Frequency: 477MHz
- Radiation Pattern: Omni directional
- Pre-terminated (no special tools required)
- Complete kit including 6.5dB antenna, 10109m base, 5m lead & 04914 UHF adaptor

02632 00241615

27MHZ

27MHZ MARINE GRADE AERIAL



AE312 Professional Marine Antenna Range.

- 600mm in length. The AE312 range of marine antennas are 'Ground dependant'
- 5m coaxial cable and a quick fit FME plug/socket supplied

AE312H 00360500

27MHZ FLEXIBLE MOBILE AERIAL



Heavy-duty fibre glass core with thick matt black shrink sleeving, designed to resist abrasion and cuts.

- Length: 610mm (24")
- Standard 5/16", 26 TPI female thread

599CB 00361265

27MHZ FLEXIBLE MOBILE AERIAL



27MHz Helical Flexible Mobile CB Antenna.

- All stainless steel & brass design (will not corrode)
- Computer designed & manufactured
- Low SWR (less than 1.5 to 1 over 330kHz)
- Lightweight & flexible
- Made in Australia

DX136FW 00361301

27MHZ NO TUNE CB AERIAL

MOBILE ONE



27MHz High Performance CB Antenna.

- Length: 1050mm long
- No tuning required
- High power rating
- Low angle of radiation
- Made in Australia

DX140CD 00361648

27MHZ NO TUNE CB AERIAL

MOBILE ONE



27MHz High Performance CB Antenna.

- Length: 1550mm long
- No tuning required
- Computer designed & manufactured
- High power rating
- Low angle of radiation
- Made in Australia

DX160CD 00361651

27MHZ ADJUSTABLE SWR CB AERIAL

MOBILE ONE



27MHz Low Profile Adjustable SWR CB Antenna.

- Length: Low profile only 275mm long
- Easy adjustable SWR
- Low SWR (best on small ground plane area)
- Made in Australia

RMAT 00361656

27MHZ RUBBER DUCKY CB AERIAL

MOBILE ONE



27MHz Rubber Ducky Roof Mount Low Profile Mobile CB Antenna.

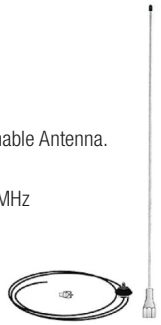
- Length: Low profile only 320mm long
- Low SWR (best on a gutter mount)
- Made in Australia

RDRM 00361901

VHF

VHF STAINLESS STEEL ANTENNA

MOBILE ONE



Universal VHF Stainless Steel Tunable Antenna.

- Stainless steel
- Tunable from 108MHz to 185MHz (tuning chart included)
- High power rating
- 3.6m cable length with PL259 and UHF base
- Made in Australia

SWP 00280930

133-163MHZ VHF DIPOLE ANTENNA

RFI WIRELESS



RFI CD28-37-70 end fed dipole antenna.

- Thermoplastic housing
- Flexible tapered stainless steel whip
- Band: 133-163MHz
- Whip Length: 1340mm
- Nominal Gain: 3dBi

CD28/37/70 00280934

SERIES MOPOLE ANTENNA

RFI WIRELESS



RFI CD21-35-50 end fed dipole antenna.

- Tapered 17-7PH stainless steel whip element
- Band: 118-136MHz
- Tunable Bandwidth: 5MHz @ 2.0:1
- Cable & connector not provided

CD21/35/50 00280938

UHF GROUND INDEPENDENT MOPOLE

RFI WIRELESS



- Band: 450-520MHz
- Tunable Bandwidth: Full
- Highly flexible over-moulded 273mm whip
- 5m cable
- Mounting: MBC (PL259) base

CD61/4552/53 00280946

SCANNING

BROADBAND SCANNER AERIAL

MOBILE ONE

25 ~ 1300MHz Broadband Fibreglass Scanner Antenna.

- Broadband coverage 25MHz to 1.3GHz
- Gain of better than 5dB on UHF
- Made in Australia

SCANTENNA 00401801

HIGH PERFORMANCE SCANNER

MOBILE ONE



25 ~ 1300MHz High Gain High Performance Scanner Antenna.

- Broadband coverage 25MHz to 1.3GHz
- Gain of better than 5dB on UHF
- Made in Australia

SCATX 00401812

TX/RX SCANNER AERIAL

BENELEC Professional Wireless Solutions



TX/RX antenna with very good VSWR performance.

- Covers: 60-1000 MHz
- Height: 1020mm
- Diameter: 980mm TX up to 250 Watts
- 'U' bolt mast mounting

864SC 00402001

CELLULAR / BROADBAND

CEL-FI GO - TELSTRA MOBILE PACK

CEL-FI



Tested & authorised for use on the Telstra Mobile Network.

- Includes: External & Internal Antennas with cables
- Band Selection Button
- Cel-Fi GO Mobile Model
- Carrier approved

RPRCF00105 00421530

CEL-FI GO BUILDING LPDA & DOME



Tested & authorised for use on the Telstra Mobile Network.

- Cel-Fi Go Stationary Model
- Includes: External & internal antennas with cables
- Band selection button
- 100dB gain
- Bluetooth WAVE App for iPhone, Android & computers

RPRCF00121 00421542

CEL-FI GO BUILDING OMNI & DOME



Cel-Fi GO Repeater has been tested, authorised and approved by Telstra for use on the Telstra Mobile Network.

- Designed for building applications
- 100dB of system gain
- Includes external and internal antennas
- Locked to Telstra's Mobile Network
- Band Selection Button
- Bluetooth Wave App for iPhone, Android & computers

RPRCF00122 00421546

CEL-FI GO BUILDING MARS - LPDA



Telstra tested & authorised for use on the Telstra Mobile Network.

- Cel-Fi Go Stationary Model
- Includes: External & internal antennas with cables
- Band selection button
- 100dB gain
- Bluetooth WAVE App for iPhone, Android & computers

RPR-CF-00133 00421548

TELSTRA PRO SMART REPEATER



Cel-Fi PRO Repeater has been tested, authorised and approved by Telstra for use on the Telstra Mobile Network.

- Includes a WIDEBAND Yagi antenna with 10m of cable
- Provides up to 900sqm of indoor mobile coverage
- Supports 3G 850, 4G 700/1800MHz
- Locked to Telstra's Next G, 4G and 4GX Networks
- Wireless link between Window Unit and Coverage Unit
- No internet connection needed

CELFIPROTYAGI 00421590

3G/4G PRO SMART REPEATER



Cel-Fi PRO Repeater has been tested, authorised and approved by Telstra for use on the Telstra Mobile Network.

- Easy Five Minute Setup
- Supports 3G 850, 4G 700/1800MHz
- External Antenna Port
- Wireless link between Window Unit and Coverage Unit
- No internet connection needed

CELFIPROT 00421595

TELSTRA PRO SMART REPEATER



Cel-Fi PRO Repeater has been tested, authorised and approved by Telstra for use on the Telstra Mobile Network.

- Includes a Blackhawk Yagi antenna with 10m of cable
- Provides up to 900sqm of indoor mobile coverage
- Locked to Telstra's Next G, 4G and 4GX Networks
- Wireless link between Window Unit and Coverage Unit
- No internet connection needed

CELFIPROTBH 00421598

OPTUS 3G/4G PRO REPEATER



Cel-Fi PRO Repeater has been tested, authorised and approved by Optus for use on the Optus Mobile Network.

- Includes a Blackhawk LPDA antenna with 10m of cable
- Provides up to 900sqm of indoor mobile coverage
- Supports 3G 900/2100, 4G 1800/2600MHz
- Locked to the Optus 3G and 4G Networks
- Wireless link between Window Unit and Coverage Unit
- No internet connection needed

CELFIPROOLPDA 00421602

UHF ON-GLASS 1/2 WAVE AERIAL



RFI - UHF On Glass Antenna.

- End Feed 1/2 Wave
- 400-520MHz
- Supplied with 5m 6058 cable
- Self adhesive mounting
- Stainless steel in high gloss black finish
- Whip Length: 230mm

AP4543G 00421802

CDMA/NEXTG/3G & GSM AERIAL



CDMA + NEXT G™ & 3G 6.5dBi Gain Cellular Antenna.

- High Performance with 6.5dBi Gain On NEXT G™
- Strong Fibreglass Radome
- Easy Installation (No Tuning)
- Special Low Loss Cable and FME Termination
- Cable Length: 3.6m
- Made in Australia

MAXICDMAW 00421812

3G HIGH GAIN BASE ANTENNA



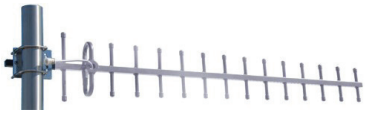
Cellular 3G Hi Gain Base Antenna.

- Multi band performance
- Ground plane independent
- 7.5dBi gain @ 825-960MHz
- 3.0dBi gain @ 1710-2200MHz
- Designed and manufactured in Australia

024576B 00421818

18DBI NEXTG 15-ELEMENT ANTENNA

BENELEC Professional Wireless Solutions



Comes complete with an angle adjustment bracket allowing =/-20 degrees of angle adjustment in the vertical plane. The bracket suits up to 50mm mounting tube.

- Gain: 14dB
- Frequency: 824~894MHz

	02484E	00421820

4G CELLULAR ALL BAND ANTENNA

BENELEC Professional Wireless Solutions



All band antenna suited for use in the bands 690-960 & 1710-2700MHz.

- Length: 186mm
- Gain: 2.54dBi min.
- This antenna can be used inside or outside
- Omni directional

	024584	00421824

BROADBAND REMOVABLE ANTENNA

RFI WIRELESS

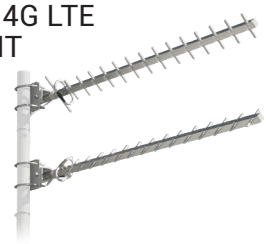


Removable broad band, heavy duty, Hi gain antenna for fringe and rural areas.

- Length: 89cm
- Frequency Range: 824-960MHz & 1710-2170MHz
- Polarisation: Vertical
- Radiation: Omni directional
- Construction: Fibreglass radome, electro-polished stainless steel spring
- Supplied with 5m low loss coaxial cable, with female FME connector.
- Removable whip with waterproof cap

	CDQ2195	00421826

DUAL 16DBI 4G LTE ANTENNA KIT



Connectivity for 4G LTE 1800MHz capable routers and modems.

- Supplied with Male SMA fitting and modem patch cable to suit your modem's external antenna port
- For fixed wireless, outdoor installations
- Improves signal quality and download speed by accessing the Dual Carrier and/or MIMO cap
- Homes, offices, contractors, rural and metropolitan
- Metro and rural locations requiring more signal from the mobile phone tower
- Correctly installed, this antenna may turn an unreliable 4G internet connection into a fast broadband and quality VoIP service

	DB1800	00421830

3G 4G ANTENNA WITH FME 5DBI



3G 4G Cellular Aerial.

- Gain: 5dBi
- Frequency: 850-2100MHz
- Cable: 2m
- Magnetic base

	AR3310	00421832

7DBI 3G/4G ANTENNA WITH FME



3G 4G Cellular Aerial.

- Gain: 7dBi
- Frequency: 850-2100MHz
- Cable: 3m
- Magnetic base

	AR3312	00421833

7DBI 3G/4G FIBREGLASS ANTENNA



Supports GSM, CDMA, UMTS.

- Gain: 7dBi
- Frequency: 850-2100MHz

	AR3311	00421834

CELLULAR ALL BAND HI-GAIN ANTENNA

BENELEC Professional Wireless Solutions



The 024576 antenna does away with the need for three separate antennas whilst maintaining high gain across the 825~960MHz & 1710~2200MHz bands.

- Length: 1.07m (includes spring assembly)
- 7.5dBi & 3.0dBi respectively
- Construction: fibreglass radome, stainless steel spring

●	1.07m (includes spring assembly	024576	00421840
○	1.07 m (includes spring assembly	024576W	00421842

X-GLASS CELLULAR MULTIBAND

RFI WIRELESS



RFI Glass mount multiband cellular antenna.

- 824-960MHz / 1710-1270MHz
- XG884 supplied with 0dB and 3dB gain whips
- True multi band performance at 3G850, GSM900/1800 and 3G2100
- Fully shielded low loss FME pre-terminated cable with A-87 (FME-MPL) adaptor supplied

	XG884	00421852

698-2170 OMNI TRUCKER EDGE

BLACKHAWK



Heavy-duty Wideband Antenna.

- 3G and 4G capable for all the major networks in Australia
- Extra heavy-duty spring
- No tuning necessary
- 6dBi gain across lower bands 698-960MHz
- 8dBi gain across upper bands 1710-2170MHz
- Includes 4m of RG58 cable with FME female connector

●	TRUCKERBL	00421856
○	TRUCKERWH	00421858

800-960 / 1710-2100MHZ ANTENNA

powertec



Omni Wideband Antenna.

- 800-960 / 1710-2100MHz
- GSM /CDMA /LTE /3G /4G /WLAN
- Supplied with L-Type mounting bracket
- Supplied with 5m RG58 FME/F cable

	OMNI-WIDEBAND	00421860

MIMO XPOL WIDEBAND

BLACKHAWK



High grade, ruggedised wideband XPOL MIMO antenna panel.

- Suitable for 3G and 4G (including 4GX) capabilities for all the major networks in Australia and New Zealand
- Perfect solution for voice and data applications
- Perfect for fixed wireless terminals and mobile broadband internet applications
- Ruggedised construction with stainless steel mounting clamp
- Two integrated 'N' female connectors

	MIMO400	00421866

700-2500MHZ YAGI ANTENNA

powertec



Wideband Yagi Antenna.

- 700-2600MHz Support
- 10-11dBi gain
- Sealed radome design for strength and weather resistance
- Mast down-tilt bracket and U-Bolt mounts
- 30cm low loss cable with 'N' female connector fitted
- Includes a 10m low loss RG58 cable with SMA male fitted

YAGI-WIDEBAND 00421872

GUARD MOUNT LOCKDOWN AERIAL

Aerpro



Guard Mount, Lockdown Car Antenna.

- Suits Holden Commodore VT-VY (10/1997-07/2004)
- Top key lockdown
- 5 section stainless steel mast
- Extends to 98cm
- Cable Length: 43cm
- Packed in hang sell, full colour blister
- 12 Month Warranty

AP71 00162820

UNIVERSAL CENTRE PILLAR AERIAL

Aerpro



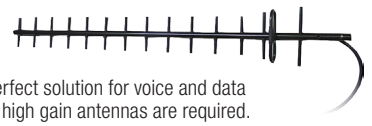
Universal centre pillar mount - external, 3 section car antenna.

- Popular model for early Japanese models
- 3 section stainless steel mast
- Extends to 126cm
- Cable Length: 127cm
- 12 Month Warranty

AP122 00164032

698-960MHZ 4G 3G YAGI ANTENNA

BLACKHAWK



The perfect solution for voice and data where high gain antennas are required.

- Ruggedised welded construction
- Powder coated finish
- Includes mounting bracket
- 15dBi gain for 690-960MHz

BLACKHAWK 00421878

GUARD MOUNT ANTENNA

Aerpro



4 section stainless steel mast.

- Extends to 97cm
- Cable: 126cm
- Landcruiser GXL 05/90 - 02/98

AP73 00162824

UNIVERSAL OFFSET PILLAR AERIAL

Aerpro



Universal offset pillar mount car antenna.

- Popular model for early Japanese models
- 3 section stainless steel mast
- Extends to 126cm
- Cable Length: 165cm
- 12 Month Warranty

AP120 00164096

AM / FM / DAB RADIO

UNIVERSAL 5 SECTION CAR AERIAL

Aerpro



Universal 5 section lockdown, side key car antenna.

- Adjustable 0-30° headkit for 25mm hole
- Cable 120cm
- Under fender: 270mm
- Supplied with installation instructions
- Side key lock

AP62 00162053

UNIVERSAL TOPSIDE MOUNT AERIAL

Aerpro



Universal top/side mount, spring ball base car antenna.

- Adjustable split ball base for 25mm hole
- Spring to protect from overhead damage
- Spring ball base 180° adjustable
- 3 section stainless steel mast
- Extends to 100cm
- Collapsed Length: 541mm
- Cable Length: 137cm

AP40 00163200

GUARD MOUNT LOCKDOWN ANTENNA

Aerpro



5 section stainless steel mast.

- Top key lockdown
- Extends to 100cm
- Cable 50cm
- Suits Ford FALCON models 05/99 - 09/2002

AP67 00164118

GUARD MOUNT LOCKDOWN AERIAL

Aerpro



Guard Mount, Lockdown Car Antenna.

- Suits Holden Commodore VN-VS 08/1988-08/1997
- Top key lockdown with custom headkit
- 5 section stainless steel mast
- Extends to 97cm
- Cable 42cm
- Supplied with installation instructions

AP70 00162813

UNIVERSAL RUBBER DUCKY AERIAL

Aerpro



Universal "Rubber Ducky" top mount car Antenna.

- Adjustable split ball head kit, suits 25mm hole
- Cable attaches at 90°, ideal for installations with limited space
- 1 section black rubber mast
- Length: 36cm
- Cable Length: 127cm
- 12 Month Warranty

AP102 00163621

GUARD MOUNT LOCKDOWN AERIAL

Aerpro



Guard mount, lockdown car antenna.

- Suits Ford Falcon EA-ED (03/88-08/94)
- 5 section stainless steel mast
- Top key lockdown with custom headkit
- Extends to 98cm
- Cable Length: 53cm
- 12 Month Warranty

AP68 00164120

GUARD MOUNT LOCKDOWN AERIAL



Guard mount, lockdown car antenna.

- Suits Ford Falcon EF-EL (08/94-08/98)
- 5 section stainless steel mast
- Top key lockdown
- Extends to 100cm
- Cable Length: 53cm
- 12 Month Warranty

AP69 00164125

INTERNAL MOUNT WINDOW AERIAL



Internal mount window strip car antenna.

- High gain amplified AM/FM antenna
- 24cm adhesive strip attaches to inner edge of vehicle's window
- 12V DC amplifier
- Cable Length: 259cm
- 12 Month Warranty

AP259 00164130

REPLACEMENT MAST SUIT HOLDEN



AP265 replacement mast suit Holden VY2/VZ.

- 5 section stainless steel mast
- Extends to 98cm
- Mast Diameter: 10mm
- Sleeve Diameter: 11mm

AP265 00164135

CAR TELEVISION AERIAL



AP172 TV Antenna, 1-piece film type Stick on antenna.

- No diversity box required
- Plugs straight into TV tuner via 'F' Connector
- Simple application replacing unsightly external TV antennas
- 39.6cm wide, 8.7cm high
- Cable Length: 3m

AP172 00167068

840MM AM/FM & RADIO AERIAL



Antenna receiving AM & FM frequencies of AM 525kHz-1.6MHz and FM 88-108MHz.

- Excellent performing short antenna suitable for all mounting positions on vehicles

M3P 00169092

1520MM AM/FM RADIO AERIAL



Antenna receiving AM & FM frequencies of AM 525kHz-1.6MHz and FM 88-108MHz providing 2dB gain on FM.

- The M2p is supplied with a APN16 Base & 1.6m long RG62 coax and plug
- This is the best performing AM/FM antenna on the market

M2P 00169093

1400MM 3DB DAB+ RADIO AERIAL



Hollow fibreglass 5/8 wave ground independent dipole with a stainless steel spring that has a 1/2" mounting.

SAU206 00169110

ACCESSORIES

REPLACEMENT CAR MAST



Replacement mast to suit Aerpro automatic antennas.

- 5 section stainless steel mast
- Extends to 97cm
- Mast Diameter: 9mm
- Retracted Length: 260mm
- Sleeve Diameter: 10.5mm
- Sleeve Length: 77mm
- Also Suits Ford Falcon XA-XF, EA-EL & AU

AP12 00161020

20CM RIGHT ANGLE CAR AERIAL



Antenna Extension Cable, 90° Plug, 200mm.

- 20cm long with right-angled plug
- Makes for easy installation where there is limited space behind the radio

AP332 00201510

CAR AERIAL EXTENSION LEAD



Antenna extension cable for use when lead on antenna won't reach the radio.

1m	AP334	00202005
3m	AP336	00202030

25MM AERIAL HOLE COVER / PLUG



Designed to easily conceal mounting holes in your vehicle.

- Neat appearance

CBA28 00202401

LINE SOCKET FOR CAR AERIAL



Solderless clamp-style design.

CAS4 00203001

LINE PLUG FOR CAR AERIAL



Solderless clamp-style design.

CAP2 00203401

10M N-MALE TO SMA-MALE LEAD



LMR240-N-SMA 00421823

SMA ADAPTER TO HUAWEI E160/618

An adaptor suitable for Huawei E160/618 phones. It allows you to connect a range of antennas that use the more common SMA connector.



AR3332 00421844

SMA TO TS9 ADAPTOR

An adaptor suitable for USB modems and 3G capable mobile phones with a TS9 connector. It allows you to connect a range of antennas that use the more common FME connector.



AR3334 00421845

SMA TO TELSTRA 4G MODEM CABLE

Suitable for USB modems when used with a 3G/4G antenna, to greatly boost a low signal.

- Length: 490mm



AR3336 00421846

SMA TO INDUCTION 3G PLUG

Suitable for USB modems when used with a 3G antenna, to extend signal range.

- Length: 510mm



AR3330 00421847

LIGHTNING ARRESTOR

powertec

Lightning arrestor.

- SMA female to SMA female



BH00010 30257465

BLUETOOTH CAR KITS

BLUETOOTH IN CAR SPEAKERPHONE

GoSelect



- Simply installation clip on your current sun visor plug and play
- Dial-back and redialling
- Built-in high sensitivity microphone and loudspeaker
- Replaceable battery support 8hrs talking and 120hrs standby
- Re-connected automatically while back to car
- Multi Point Bluetooth connect with 2 mobile phone
- DSP technology, full duplex, noise reduction & echo suppression

NAT1200 43080011

BLUETOOTH HANDS FREE CAR KIT

GoSelect



Compatible with Bluetooth 2.1+EDR ready mobile phones.

- Clip it on your sun visor for easy reach.
- Supports 18hrs talking and 60 days standby
- Reconnects to active Bluetooth device when you get in the car
- Connect up to 2 devices at the same time
- DSP technology, full duplex, noise reduction & echo suppression

NAT1000 43080019

BLUETOOTH AND FM CAR KIT

mbeat



Bluetooth hands-free car kit.

- FM music transmitter function
- Play back USB disk / SD card music
- Built-in 2.1 A smart charging

MBT300 64600372

CAR KIT WITH MINI EARPHONE

mbeat



- Portable Mini Bluetooth Headset with Magnetic Car Charging Dock
- Charge up 2 devices simultaneously on-the-go with 2 USB charging ports
- Make and receive calls wirelessly or listen to music on-the-go with the mini Bluetooth headset

MBT380 64600374

CAR LOCATOR & DUAL USB CHARGER

Aerpro



The APFIND2 automatically marks your location on your smartphone's map when your vehicle is turned off.

- Bluetooth V4.0
- Uses Smartphones GPS
- Free Smartphone APP
- Dual USB Charging Ports

APFIND2 64600400

TELEPHONES

ORICOM PHONES

PICTURE DIAL AMPLIFIED PHONE

oricom



6 One Touch Picture Memory Buttons.

- Amplified receiver
- Hearing Aid compatible
- Extra loud ringer
- Visual ring indicator
- Wall mountable

CARE80 43020014

SLIM CORDED PHONE

oricom



With its easy wall mount system and visual ring indicator, the TP5 would be a stylish addition to any home or office.

- Allows you to mount the telephone on the wall if required
- A red light flashes on the phone to alert you of an incoming call
- Hearing Aid compatible

TP5WH 43020019

BIG BUTTON SPEAKERPHONE



This affordable corded phone is ideal for home or commercial use. It is packed with easy to use practical features, it's the ideal phone for people who suffer from low vision.

- Keep your hands-free when making or receiving a call
- Flashing ring indicator
- Hearing Aid compatible
- 6 one touch memories

TP58WH 43020022

UNIDEN PHONES

XDECT EXTENDED DIGITAL



Introducing the Most Advanced Home Smart Phone System in the market.

- Call Block PRO
- Blackout power failure protection
- Bluetooth connectivity with USB charging port
- Wall and desk mountable

XDECT8315 43000820

XDECT EXTENDED DIGITAL PHONE



Introducing the Most Advanced Home Smart Phone System in the market.

- Call Block PRO
- Blackout power failure protection
- Bluetooth connectivity with USB charging port
- Wall and desk mountable

XDECT8315+1 43000822

XDECT EXTENDED DIGITAL PHONE



Introducing the Most Advanced Home Smart Phone System in the market.

- Bluetooth® connectivity with USB Charging Port
- Call Block PRO
- Integrated Digital Answering Machine
- 6000 Phonebook capacity
- Designed and engineered in Japan

XDECT8355+2 43000826

GENUINE LONG RANGE REPEATER



XDECT® Repeater (R) Series Extended Digital Technology Cordless Phone System.

- Designed and engineered in Japan
- Extended coverage
- Wireless (Wi-Fi) network friendly
- Diversity antenna system for optimal reception and clarity
- High gain antenna
- Design derived from cutting edge American DECT 6.0 Technology
- Integrated digital answering machine with remote access and Do Not Disturb function

XDECTR055+2 43000882

DECT DIGITAL 2-IN-1 PHONE



The DECT 2145 + 1 combines both cordless and corded convenience with the inclusion of two handsets.

- Digital duplex speakerphone on handset
- Operational under power failure conditions
- Integrated digital answering machine

DECT2145+1 43000890

BLUETOOTH DECT CORDLESS PHONE



Bluetooth Connectivity – dial and receive mobile calls conveniently via Bluetooth.

- When a power failure occurs, the charged handset temporarily supplies power to the base unit. You can then make and receives calls using a handset
- Pair up to 2 mobile phones
- Hearing Aid compatible (T-Coil)
- Wall/Desk mountable

DECT3236+2 43000895

PREMIUM DIGITAL CORDLESS PHONE



Uniden's introduced a handy new feature to the DECT 3115 - Blackout power failure protection feature. When a power failure occurs, the charged handset temporarily supplies power to the base unit. You can then make and receive calls using a handset.

- Wireless (Wi-Fi) network friendly
- Handset conferencing capable
- Intercom/Call transfer
- DND - Do Not Disturb function
- Hearing Aid compatible (T-Coil)

DECT3216 43000899

CORDED & CORDLESS PHONE



Introducing the new benchmark in sight and sound enhanced corded and cordless digital phone systems.

- Large display screen and buttons
- Extra loud 50dB volume
- Hearing Aid compatible (T-Coil)
- Help call button

SSE47+1 43000931

PENDANT SUIT SSE35 SSE37

Uniden



In conjunction with the Uniden SS E35/37 Cordless Phone Series, the pendant provides peace of mind with help only a button press away.

- Talk Time: Up to 5hrs
- Including Charger Cradle
- Handsfree Speakerphone
- Peace Of Mind – Allowing your call for help answered by people of your choice
- Built for Australia & New Zealand

SSEP1 43000932

XDECT CORDLESS PHONE

Uniden



Extra Loud 50dB volume ringer & large screen buttons.

- The 3 Picture keys with speed dial
- Talk Time: Up to 10hrs
- Handsfree Speaker
- Designed and Engineered in Japan
- Hearing Aid Compatible (T-Coil)
- (SSE45+1 model comes with an additional Handset)

Phone & Base	SSE45W	43000937
Phone & Base + extra Phone	SSE45+1	43000936

SLIMLINE CORDED PHONE

Uniden



This attractive and slimline phone offers the convenience of a corded phone.

- Easy-to-use
- Wall mountable
- The FP1100 is operational even under power failure conditions
- Hearing Aid compatible
- 3 volume level settings

FP1100BLK 43020002

CORDED PHONE WITH LCD DISPLAY

Uniden



This corded phone offers versatility and style with the added convenience of Advanced LCD & Caller ID display.

- Real-time Clock feature allows you to keep track of the time while you are on that important call
- Visual message waiting and new call indicator and On Hook dialling
- Digital duplex speakerphone for handsfree communication
- Operational even under power failure conditions
- 70 phonebook memory
- Centrex compatible
- Wall/Desk mountable

FP1200 43020009

UNIDEN ADDITIONAL HANDSETS

OPTIONAL HANDSET SUIT XDECT BT

Uniden



Never miss a mobile call at home again! Introducing Uniden's new XDECT® R Dual Mode Bluetooth Digital Cordless Phone.

- Designed and engineered in Japan
- Uniden XDECT® R extended digital cordless phone system
- MobileLink – Allows you to dial and receive calls from your Bluetooth enabled mobile
- Extended coverage in any home using Uniden's exclusive high gain diversity antenna
- Wireless (Wi-Fi) network friendly
- Integrated digital answering machine with remote access and Do Not Disturb function
- Wall/Desk mountable

XDECTR003BT 43000883

EXTRA HANDSET FOR SSE35/37

Uniden



A new benchmark in Digital Cordless Phone communication for the visually and hearing impaired.

- Extra loud audio controls
- Text to Speech (TTS) Technology
- Large easy-to-read display and buttons
- Visual ringer Indicator on the base and the handset

SSE06 43000926

PANASONIC PHONES

PHONE WITH SMART PHONE CONNECT

Panasonic



Panasonic phone with smart phone connect and answering system.

- Smartphone connect
- 2.2" QVGA colour LCD
- Baby monitor
- Transfer land line calls between your smart phone and your DECT handsets
- Phone answering system
- Use as an intercom between your smart phone and your DECT handsets
- Make 3 party conference calls

KXPRW120AZW 43006340

PHONE & ANSWERING MACHINE

Panasonic



Panasonic KXPRS120AZW cordless phone and answering system.

- 2.2-inch QVGA colour LCD
- Incoming call barring
- Baby monitoring
- Expandable to 6 handsets

KXPRS120AZW 43006350

1.9GHZ DECT CORDLESS PHONE

Panasonic



Entry model DECT phone.

- 1.9GHz
- 3-way conference call
- 50 station phone book
- 5 selectable ring tones
- 20 name and number call log

KXTGB110ALB 43008569

DECT TWIN PACK CORDLESS PHONE

Panasonic



Panasonic DECT twin pack cordless phone.

- Digital answering machine
- Make calls even when the power fails
- Clear sound with equalizer and noise reduction
- Smart key and incoming call blocker
- Stylish design with bright 1.8" LCD screen

	KXTG6822ALB	43008638

DECT BLUETOOTH CORDLESS PHONE PACK

Panasonic



Now you can make and receive mobile phone calls through your multi-handset home phone with the Bluetooth powered Panasonic LINK-TO-CELL.

- With text message (SMS) alert you will never miss a text message
- Convenient USB charging port
- Key finder included
- Reduce the background noise of the other party
- Catch answering machine calls whether you are at home or away

Twin pack	KXTG7892AZS	43008652
Triple pack	KXTG7893AZS	43008654

DECT PHONE PACK WITH REPEATER

Panasonic



With a sophisticated design and multitude of brilliant features, the KX-TG803x cordless phone offers everything you need for home or office communications.

- DECT repeater for longer range
- Power failure talk system - works during blackouts
- One touch ECO mode
- Stylish design with full colour LCD screen

Twin pack	KXTG8032	43008680
Triple pack	KXTG8033ALB	43008682

CORDLESS PHONE TRIPLE PACK

Panasonic



Panasonic DECT Cordless phone triple pack with answering machine.

- 1.8" TFT colour LCD
- Call block
- Visual ringer and multi-function key on top of handset
- Power failure talk system
- Customised sound system
- Expandable up to 6 handsets
- Answering machine with message counter

	KXTG8163	43008689

DIGITAL CORDED-CORDLESS PHONE

Panasonic



Panasonic wired phone & cordless phone/s.

- Call block
- Power back up
- Application alerts for Android
- Large tiltable LCD screen
- 3 one touch buttons
- Up to 6 cordless handsets

With one cordless phone	KXTGF380AZM	43008696
With two cordless phones	KXTGF382AZM	43008706

PANASONIC ADDITIONAL HANDSETS

EXTRA HANDSET TO SUIT KXTG7893

Panasonic



Optional extra handset.

- Suits KXTG7892/ KXTG7893
- Maximum handsets per system: 6
- Frequency: 1.9GHz

	KXTGA680AZ	43008632

EXTRA HANDSET TO SUIT KXTG6822

Panasonic



- Max. 6 handsets total per system

	KXTGA681AZB	43008639

EXTRA HANDSET FOR KXTG8033AL

Panasonic



Maximum 6 handsets total per system.

	KXTGA806AZ	43008683

TELEPHONE ACCESSORIES

PLUGS & SOCKETS

RJ45 SPLITTER

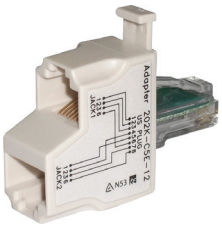


RJ45 plug to 2x RJ45 sockets.

- Accommodates 2 services over the one cable
- Two units required for typical application
- The 100mm cord allows use in high-density panels

Data/Data	PK4515	30634515
Data/Voice	PK4516	30634516
Voice/Voice	PK4517	30634517

RJ45 LINE SPLITTER ADAPTOR



RJ45 Plug split to 2x RJ45 sockets.

- Limited to 100Base-T connections maximum
- Note: This splitter has not been certified to Category 5

Data/Data	PK4540	30634540
Data/Voice	PK4542	30634542
Voice/Voice	PK4543	30634543

8-WAY VOICE PATCH PANEL CAT5

resi linx



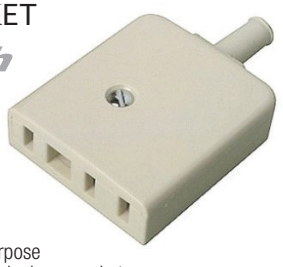
Designed for mounting into Clipsal's StarServe Enclosure.

- Accommodates up to 2 incoming phone lines, which can be distributed in pairs to up to 4 locations via RJ45 sockets
- Inputs can be looped to provide up to 8 sockets per telephone line

	CLI224HS	30634556

610ST TELEPHONE LINE SOCKET

tetech



Standard multi-purpose Australian in-line telephone socket.

S610L	43072008

610ST TELEPHONE WALL SOCKET

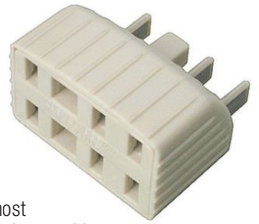
tetech



Universal wall mounting version of TEL2008 with cable entry through base.

610ST/IVY	43072009

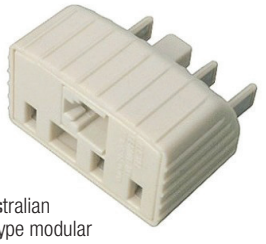
610 DOUBLE PHONE ADAPTOR



Compact universal double adaptor. 6 conductor parallel configuration. Suits most telephones and answering machines.

TD2401B/IVY	43072016

610 & RJ12 SOCKETS TO 605 PLUG



Standard Australian plug to Standard Australian socket, & 6-pin US type modular telephone socket.

TD2401MB/IVY	43072032

605 PLUG TO 2X RJ12 BLISTER

EVERSURE



Standard Australian plug to 2x 6-pin US type modular telephone sockets.

P605DMB/IVY	43072040

RJ12/45 DOUBLE ADAPTOR

Pro.2



- Two pieces of equipment with US modular plugs can be connected to one US modular socket.

6P6C RJ12	MDA66B/IVY	43075002
8P8C RJ45	MDA88B/IVY	43075003

RJ12/45 SOCKET TO SOCKET JOINERS

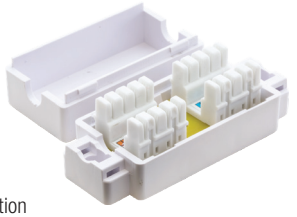


BACK FRONT

- Perfect for joining short cords or as gender changers
- Enables two cords fitted with modular plugs to be coupled together

6P6C RJ12	ILC66B/IVY	43075009
8P8C RJ45	ILC88B/IVY	43075011

CAT6 INLINE COUPLER



- Surface mount CAT6 coupler block with Krone connection
- Strong connection for joining solid-core network cables

PDCAT6J	43075013

605 PLUG TO 2X RJ12 BARE 100-PACK



Adapts 6P4C (6-Way/ 4-Wire) U.S. modular plug to Australian telephone plug.

P605DM/IVY	43075113

MODULAR RJ12 SOCKET TO 610



Adapts 6P4C U.S. modular plug to Australian socket.

S610MB	43075117

WALL PLATES - MODULAR

PHONE WALL PLATE FOR 610 & 611



Standard electrical wall plate accepts 610 & 611 (MODE3) surface wall sockets.

CD770TOPLWE	43072015

MINI 6P6C SURFACE MOUNT SOCKET



Clip on cover.

- Screw terminations
- Size: 35.8x49.5x21.6mm

SM366IDC/WHT	43075028

CAT5 RJ45 SURFACE MOUNT SOCKET

EVERSURE



Skirting board surface mount RJ45 modular socket.

- Supplied with wood screw, and adhesive pad for instant mounting
- Clip on cover
- Labelling area
- IDC punch down terminations

Single	SM188IDC/WHT	43075034
Dual	SM288IDC/WHT	43075035

6P6C RJ12 SURFACE MOUNT SOCKET

EVERSURE



Skirting board surface mount 6P4C modular socket.

- Supplied with wood screw, and adhesive pad for instant mounting
- Clip on cover
- Screw terminations
- Size 42(H) x 60(W) x 23(D)mm
- Colour: White

SM166B/WHT	43075040

TWIN RJ12 SURFACE MOUNT SOCKET

EVERSURE



Skirting board surface mount 2x 6P6C modular sockets.

- Supplied with wood screw, and adhesive pad for instant mounting
- Clip on cover
- Screw terminations
- Size 42(H) x 60(W) x 23(D)mm
- Colour: Ivory

SM266B/IVY	43075044

MINI 6P6C SURFACE MOUNT SOCKET

EVERSURE



- Clip on cover
- Screw terminations
- Size: 30x49.5x19mm

SM366/WHT	43075046

MODULAR TELEPHONE WALL PLATE



Wall phone bracket allows easy mounting of 6P4C U.S. style wall telephones. The line is connected from the bracket to the phone by a 30mm modular cord the phone is anchored to the wall by two studs onto which the phone slides.

WP164B\IVY	43075048

2 OUTLET MODULAR TELEPHONE



Wall bracket with two extensions. Wall phone bracket allows easy mounting of 6P4C U.S. style wall telephones. Plus extra connections on the sides for other phones and/or fax machines. A 300mm modular cord is included to connect to the bracket.

TEL5049	43075049

LEADS

TELEPHONE EXTENSION LEAD



Extend the length of your telephone line cord. Standard Australian plug & socket with 4 conductors, suitable for most telephones.

3m	E4003B/IVY	43073230
5m	E4005B/IVY	43073250
10m	E4010B/IVY	43073256

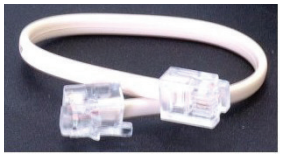
CURLY HANDSET CORD



Suitable for replacement / extension telephone handset.

●	CC0020B/IVY	43074501
●	CC0010/BLK	43074502

15CM RJ12 TO RJ12 LEAD



Short lead with RJ12 (6P/2C) to RJ12 (6P/2C) Modular plugs.

LC0046/WHT	43075050

RJ12 6P4C MODULAR PLUG LEAD

Pro.2 Providing AV Solutions



RJ12 modular telephone line cord. Extend your telephone with this modular extension lead.

- Flat telephone cable fitted on both ends with RJ12 modular telephone plugs
- Modular plug to Modular plug
- 4 conductor (6P4C)

	Length	Model	Code
●	2m	LC0051B/IVY	43075052
●	3m	LC0056/IVY	43075054
●	5m	LC0092/IVY	43075055
●	10m	LC0076B/IVY	43075056
●	15m	LC0104B/IVY	43075058
●	2m	LC0051/BLK	43075150
●	3m	LC0056B/BLK	43075155
●	5m	LC0091B/BLK	43075160
●	10m	LC0095B/BLK	43075165

15M RJ12 MODULAR EXTENSION

Pro.2 Providing AV Solutions



- RJ12 connectors
- Constructed from durable plastic
- Length: 15m

ERM4015B/WHT	43075060

2M LEAD RJ45 TO RJ12 (6P4C)



Extension lead with 8P4C (8-Way/4-Wire) modular plug to 6P4C (6-Way/4-Wire) modular plug.

- 4 Conductor flat telephone cable
- Length: 2m

TEL5072	43075072

FILTERS

ADSL2+ LINE FILTER & SPLITTER

tetech



- Works with ADSL2+
- 4 stage Filter minimises Cordless phone interference
- RoHS Compliant
- Telstra listed
- Compatible with Mode-3 connection

DSL008/2+	43071192

ADSL2+ CENTRAL LINE FILTER

tetech



Works with ADSL2+.

- RoHS compliant
- Telstra listed
- Compliant to ACA requirements
- High quality low pass filter
- Compatible with Mode-3 connection

DSL004/2+	43071194

ADSL2+ INLINE FILTER ONLY

tetech



Works with ADSL2+.

- RoHS compliant
- Telstra listed
- Compliant to ACA requirements
- 4 stage filter minimises cordless phone interference
- Foxtel F10367
- Compatible with Mode-3 connection
- Compliant to AS/ACIF S041: 2005

DSL002/2+	43071196

ADSL2+ WALL MOUNT SPLITTER

tetech



RoHS compliant. Works with ADSL2+.

- Conforms to RCIT.0004
- Telstra listed
- Compliant to AS/ACIF S041:2005
- Meets ETSI TS 101 952-1-5 Option A
- High quality low pass filter
- Optimum performance

DSL018/2+	43071200

OUTDOOR CENTRAL LINE FILTER

tetech



RoHS Compliant - Works with ADSL 2+.

- Telstra listed
- Compliant to RCIT.0004
- Compliant to AS/ACIF S041: 2005
- 4 stage filter minimises cordless phone interference
- Compatible with Mode-3 connection
- Surge arrestor added

DSL101/2+	43071205

ADSL2+ CENTRAL ALARM FILTER

tetech



RoHS compliant.

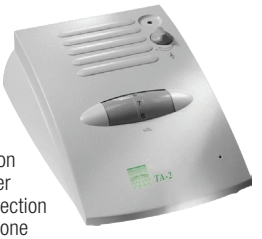
- Conforms to RCIT.0004
- Compliant with AS/ACIF S041: 2005-Input/Output via modular sockets or IDC termination
- Compatible with AS/ACIF S041: 2005
- 4 stage filter minimises cordless phone interference
- Built-in Mode-3 connection

DSL019/2+	43071215

RINGERS

INLINE TELEPHONE AMPLIFIER

HUMANTECHNIK



- Continuously variable amplification direct to the receiver
- Simple in-line connection between the telephone and receiver
- Amplification up to 35dB
- Treble/bass control
- Jack for headset and other accessories
- Direct transmission to hearing aids via an audio shoe
- 240V or battery-operated

TA2	43071575

LOUD TONE TELEPHONE RINGER

tetech



Quality loud tone ringer.

- Wall mounting facility
- On/Off switch
- Multiple tone pitch selections
- Volume control
- Multiple input termination
- 8-12Ω horn speaker output connection

TR001B	43071602

UNIVERSAL LOUD SOUNDING ALARM

ACCESS COMMUNICATIONS PTY LTD



Replaces a Type-C Alarm.

- There is provision for two exchange lines via twin RJ sockets
- Four different selectable alarm-tones are provided for each exchange line
- The alarm-unit is supplied with a 12V adaptor to provide power for strobe operation

K3509	43071610

OFFICE PHONE HEADSETS

CISCO ADAPTER CABLE

SENNHEISER

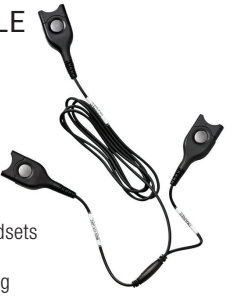


The Sennheiser CEHS-CI 01 Cisco adapter is a connection wire to the electronic hook switch for Cisco phones. This allows users to remotely answer and end calls from their Sennheiser wireless headsets eliminates the need for an HSL 10 headset lifter.

CEHSCI01	20514527

TRAINING CABLE

SENNHEISER



- To be used for training purposes
- Compatible with all Sennheiser corded headsets
- 1x EasyDisconnect for trainee hearing/speaking
- 1x EasyDisconnect for trainer hearing only

	ATC01	20551320
with mute button	ATC02	20551325

EASYDISCONNECT ADAPTOR CABLES

SENNHEISER



For connecting Sennheiser EasyDisconnect corded headsets to various devices.

1m	PC (2x 3.5mm)	CEDPC1	20551350
1m	2.5mm / 3-pole	CCEL191-2	20551370
1m	2.5mm / 4-pole	CCEL192	20551380
1m	3.5mm / 3-pole	CCEL193-2	20551390
1m	Bare cable	CSTD00	20551405
1m	RJ9	CSTD01-1	20551410
1.5m	RJ9	CSTD01	20551420

DECT WIRELESS OFFICE HEADSET

SENNHEISER



Comfortable and lightweight, Sennheiser wireless Bluetooth headsets make perfect companions for your call centre phone. You can keep your hands free and make calls in comfort wherever in the office your busy life takes you. Their Bluetooth headsets are truly wireless, so you'll never get in a tangle or risk getting your headset caught in your hair.

- Unique premium design – Crafted for comfort
- High comfort wearing styles – Choose between earhook and headband wearing style
- Intuitive user interface – Mute microphone and adjust volume up or down
- Sennheiser HD voice clarity – Wideband sound for a more natural experience
- Intelligent fast charging – 50% in 20 minutes gives you 4hrs talk time
- Intuitive and easy pairing – For desk sharing and phone conference

Headband only model	DW20AUS	20514525
Headband/earhook model	DW10	20552010

HEADSET TO SUIT UNIDEN PHONES

Uniden



Compatible with most cordless phones on the market that feature a 2.5mm headset jack.

- Lightweight
- Convenient and crystal clear

HS910	43070005

BLUETOOTH MOBILE ACCESSORIES

BLUETOOTH MONO HEADSET

SENNHEISER



Easy calls with Bluetooth 3.0 technology and multifunction button.

- 8hrs talk time and 10 days standby time
- Clear & natural speech
- Best in class microphone – digital noise reduction
- A2DP streaming allows you to stream music, route guidance, podcast etc. sent via BT in-between your calls

	EZX70	43070203
Spare ear-hook for EZY 60/70/80	EC02	43070202

SPARE HEADSET FOR VMX100OFFICE

SENNHEISER



Through its user-friendliness, the VMX Office sets new standards of hearing and wearing comfort.

- Connects to PCs and laptops through both Bluetooth from mobile phones
- Through its base station, it allows you to have easy telephone conversations all day long - over VoIP, mobile phone or desk telephone, all using one headset

HS-S-VMX OFFICE	43070225

MOBILE PHONE ACCESSORIES

PHONE CHARGER EMERGENCY BACKUP



This device takes two standard "AA" batteries to provide a Micro USB charging outlet.

- Micro USB charging
- Uses standard "AA" batteries

MB3661	03612004

MAGIC DISK 4 WIRELESS CHARGER

NILLKIN

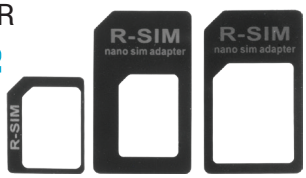


- QI wireless charger
- Colourful lights adjustable
- Transmission distance = 6mm
- Input: 5V/2A 9V/1.7A
- Safe Charging: Featuring over charging and over temperature protection, auto standby when fully charged to protect the charger and devices from being damaged

NLKMD4BLK	03612015

NANO + MICRO SIM CARD ADAPTER

Pro.2 Providing AV Solutions



This pack of three SIM card adapters allow you to adapt your Nano and Micro SIM cards to Micro and Standard SIM sizes respectively.

- 1x Nano to Micro SIM adapter
- 1x Micro to Standard SIM adapter
- 1x Nano to Standard SIM adapter

NANOSIM1	43070240

UNIVERSAL PHONE DESK MOUNT

LASER



Universal fit for tablets up to 10".

- Goose neck for flexible viewing options
- Full 360° rotation for portrait and landscape viewing
- One size fits all extendable holder. Stretches to fit up to 190mm

TM705	43080146

UNIVERSAL SMARTPHONE CAR MOUNT

LASER



Universal for tablets up to 8".

- Flexible goose neck for flexible viewing options
- Full 360° rotation for portrait and landscape viewing
- Double the support for larger devices

TM707	43080150

CAR MAGNETIC WIRELESS CHARGE

NILLKIN



QI wireless charger.

- Strong magnetism
- Press type clip on car air vent
- 5V 1A output

MC016B	43080162

QI WIRELESS CHARGER SINGLE PAD

iStyle™



Charge TWO phones at once.

- Suitable for Samsung Smartphones, Tablets, Nokia, Blackberry and other USB Devices
- Single Qi charging zone
- Comes with additional 2.1A USB charging port

Single	97x97x12mm	QIPADS	43075660

10W QI CHARGING DESK STAND

mbeat the new digital experience



- Input Voltage: 5V, 9V
- Output Power: Up to 10W
- Compatible Devices: iPhone 8, iPhone 8 Plus, iPhone X, GalaxyS8, and Qi-compatible devices
- Charging Cable Length: 1.2m

WCS01	43075655

ACCESSORIES

LINE ISOLATION UNIT



Compact LIU allows any audio device having an earphone or audio out socket to be connected to a key telephone system (mode 14 socket required) to provide music to calls that are placed on hold.

LIU-C	43071150

SECURITY & INTERCOMS

CCTV CAMERAS 207
- AHD CAMERAS 207
- DIGITAL NETWORK / IP 207
- DOME & PTZ CAMERAS 210
- DUMMY CAMERAS 210
- OTHER 211
- BRACKETS & HOUSINGS 211
- ACCESSORIES 212

CCTV KITS 215

CCTV MONITORS & TESTERS 215

DVRS & NVRS 216

SECURITY ALARMS 217
- ALARM PANELS 217
- ALARM KITS 217
- PIRS 218
- REED SWITCHES 218
- SIRENS 219
- TIMERS & RELAYS 220
- ACCESSORIES 221

SMOKE ALARMS 223

SECURITY BEAMS 224

CAR ALARMS 224
- KITS 224
- DETECTORS 224

ACCESS CONTROL 224

INTERCOMS 226
- AUDIO INTERCOMS 226
- VIDEO INTERCOMS 229
- MULTI APARTMENT INTERCOMS 232
- IP INTERCOMS 234
- INTERCOM ACCESSORIES 235

RFID & NFC DEVICE 238

SECURITY & INTERCOMS

NEW PRODUCTS

D8X PANEL WITH 3G DIALLER



D8XCEL with cellular dialler onboard – the professional integrated control panel and cellular dialler solution!

- Operation and programming by SMS messaging
- Alarm reports via SMS or back-to-base
- Remote operation and programming via the free NessXCEL App
- Supports up to 10 mobile phone numbers for SMS reporting

D8XCEL 01301140

PM45-4G 4G GPRS & IP DIALLER

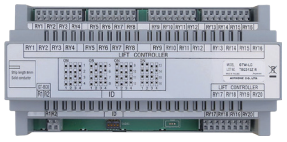


PM45-4G is a versatile alarm communicator that reports on 4G, GPRS and IP to the Central Station.

- Plug & Play solution
- Outputs can be configured to arm/disarm alarm system, control gates and lights
- Dual SIM + IP alarm communicator
- AS/NZ2201.5:2008 compliance

106-396B 01306008

LIFT INTERFACE MODULE FOR GT



Lift interface module for Aiphone GT system.

GTWLC 21816598

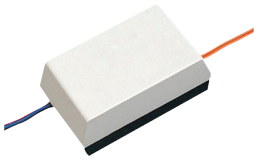
SURFACE MOUNT BOX FOR GTDMBN



- Suits Aiphone GTDMB entry panel

SBXGTDMB 21816603

RYES EXTERNAL SIGNALING RELAY



Trigger an external device when intercom is called.

RYES 21810942

CCTV CAMERAS

AHD CAMERAS

MINI DOME WIDE 15M AHD CAMERA



AHD high definition camera at 1080p resolution.

- Low illumination 1/2.9" SONY 2.43M CMOS sensor
- 2.8mm lens
- 10-15m IR distance

DMW15AHDW2 43150242

MINI DOME 15M IR AHD CAMERA



1/2.8" SONY 2.43MP CMOS sensor.

- 3.6mm lens
- With OSD menu
- 1080p Analogue HD output
- Directly replaces existing analogue cameras
- Signal goes through coaxial cable up to 500m
- 10-15m IR distance
- White colour

DMM15AHDW 43150250

DOME 30M IR 1080P AHD CAMERA



AHD (Analogue HD) Cameras directly replace existing analogue CCTV cameras, while providing Full HD video meeting today's high-standards in image quality.

- 1/2.8" SONY 2.43MP CMOS sensor
- Signal goes through coaxial cable up to 500m
- 2.8-12mm lens
- 20-30m IR distance
- OSD menu with inline controller

○	DM30AHDW	43150230
●	DM30AHDB	43150231

BULLET 30M IR AHD CAMERA



AHD high definition camera at 1080p resolution.

- Adopt low illumination 1/2.9" SONY 2MP CMOS sensor
- HD AHD,CHD,THD/1080p, analogue 1280H, four in one output
- Video coaxial transmission distance up to 500m
- Motion detection, Privacy zones, BLC, HLC
- CBVS standard definition/AHD CHD THD signal output

●	IN30AHDB2	43150262
○	IN30AHDW	43150265

DIGITAL NETWORK / IP

DOME WIDE 15M IR IP CAMERA



1/2.8" SONY 2.43MP CMOS sensor and 3.6mm lens.

- H.264 & MJPEG encoding systems
- 1080p full real-time recording
- ONVIF Profile-S compatible
- IR range: 10-15m
- Remote access from smartphone, IE and management software

DMW15IPW 43160002

DOME MINI 15M IR IP CAMERA



IP camera with 1/2.8" SONY 2.43MP CMOS sensor, 3.6mm lens and 15m IR distance.

- 1080p full HD real time recording
- Compatible with ONVIF Profile-S/Profile-G protocol
- Remote access from PC and smartphone
- Motion detection for multiple timeframe and area
- Extra BNC and DC plug to work with DVR

DMM15IPW 43160006

DOME 30M IP CAMERAS

DOSS



Dome camera with 1/2.8" SONY 2.43MP CMOS sensor and 2.8-12mm lens.

- 20-30m IR distance
- Vandal proof
- Built-in 36x IR LEDs
- IP65
- Also includes BNC analogue video output connectors

○	DM30IPW2	43160027
●	DM30IPB2	43160028

DOME STARVIS 2MP IP CAMERA

DOSS



- STARVIS IMX290 CMOS Sensor
- H.265 H.264 built-in smart feature
- Motorised 2.8-12mm auto iris lens
- Micro SD card slot built-in
- Audio and alarm input and output
- 2MP resolution
- Vandal proof

	DMP30IPW3	43160036

UNIFI FHD IP VIDEO CAMERA

UBIQUITI NETWORKS



1080p Indoor/Outdoor IP Camera with Infrared.

- Powerful Software Management
- HD Image Quality 1080p HD resolution at 30 FPS
- Unlimited Free Use + No Third-Party Server Streaming + Remote Accessibility Anywhere
- Versatile Mounting Options can be mounted quickly on a wall, ceiling, or pole
- Available as a single camera or in a pack of 5

	UVC-G3-AF	43160045
5-pack	UVC-G3-AF-5	43160046

UNIFI MICRO FULL HD IP CAMERA

UBIQUITI NETWORKS



- 1080p Full HD
- Dual-band wireless
- 100-240V AC or 802.3af power
- Magnetic base, wall mounts, and desk mount included

	UVC-G3-MIRCO	43160048

UNIFI HD VIDEO CAM WITH IR MIC

UBIQUITI NETWORKS



1080p Indoor/Outdoor IP Camera with Infrared.

- Powerful Software Management
- HD Image Quality 1080p HD resolution at 30 FPS
- Unlimited Free Use + No Third-Party Server Streaming + Remote Accessibility Anywhere
- Versatile Mounting Options can be mounted quickly on a wall, ceiling, or pole

	UVC-G3-PRO	43160050

UNIFI FHD IP DOME CAMERA

UBIQUITI NETWORKS



Wide-Angle 1080p Dome IP Camera with Infrared.

- Powerful Software Management
- HD Image Quality 1080p HD resolution at 30 FPS
- Unlimited Free Use + No Third-Party Server Streaming + Remote Accessibility Anywhere
- Versatile Mounting Options can be mounted quickly on a wall, ceiling, or pole
- Available as a single camera or in a pack of 5

	UVC-G3-DOME	43160055
5-pack	UVC-G3-DOME-5	43160056

BULLET STARVIS 2MP IP CAMERA

DOSS



- STARVIS IMX290 CMOS Sensor
- H.265 H.264 built-in smart feature
- Motorised 2.8-12mm auto iris lens
- Audio and alarm input and output
- Micro SD card slot built-in
- 2MP resolution

○	INP50IPW	43160090
●	INP50IPB	43160092

30M IR BULLET IP CAMERA WITH POE

DOSS



IP camera with 1/2.8" SONY 2.43MP CMOS sensor, 2.8-12mm lens and 20-30m IR range.

- 1080p full HD real time recording
- Compatible with ONVIF Profile-S/ Profile-G protocol
- Remote access from PC and smartphone
- Motion detection for multiple timeframe and area
- Extra BNC and DC connectors to work with DVR

○	IN30IPW2	43160116
●	IN30IPB2	43160118

2MP DOME IP PTZ CAMERA

DOSS



2MP HD IR network intelligent high speed dome IP camera.

- 1/2.8" CMOS sensor, Ambarella zoom module
- Encoding system: H.264
- IP66
- Smart IR group control, IR distance up to 80m
- Horizontal 360° endless rotation, 90° vertically auto rotation

4"	DMZ50IPW	43160140
6"	DMZ150IPW	43160142

HD DAY/NIGHT IP DOME CAMERA



The AXIS P3364-VE is a 1MP day and night fixed dome network camera that offers superb video performance. It delivers 30fps in all resolutions up to HDTV 720p/1MP.

- Lightfinder technology and P-iris control
- Vandal-resistant and weather-proof installations
- H.264 main profile and multiple H.264 streams
- Power over Ethernet
- Video motion detection, audio detection and detection of camera tampering attempts
- Perfectly adapted for harsh environments

	AXP3364V6MM	43160310
Outdoor/Weatherproof	AXP3364VE6MM	43160320

2MP IP CAMERA 10X OPTICAL ZOOM



Axis outdoor HD network camera.

- HDTV image quality
- Zoom and autofocus
- Pan/tilt head support
- Outdoor-ready with arctic temperature control
- Power over Ethernet
- Gatekeeper functionality

	Q1755-E	43160335

HD WI-FI OUTDOOR NETWORK CAMERA



- Outdoor network camera with indoor Wi-Fi unit
- 720p HD video quality
- Night vision
- Motion detection
- Wireless & Ethernet connection

	IC9110W	43160383

WI-FI DOOR HOOK CAMERA



- Motion-detection push notifications
- Extremely easy installation with a door hook
- Enhanced motion detection with passive infrared (PIR) sensor
- Two-way audio

	IC6230DC	43160385

SMART HOME WI-FI CAM KIT



The ideal Smart Home starter pack. Full HD Wi-Fi fisheye camera with two door/window sensors, one PIR heat-based motion sensor and a temperature & humidity sensor.

- 180° panoramic view
- Integrated sensors
- Works over your Wi-Fi network
- PIR multi-area motion & sound detection push notifications and video alerts

	IC5170SC	43160387

FULL HD WI-FI GARAGE CAMERA



- Real-time monitoring and control of garage door
- 180° panoramic view without limitations and blind spots
- Plug-n-View for 24/7 remote monitoring
- Push notifications with video alerts
- Flexible storage options: supports 64GB Micro SD/NAS/Cloud
- ePTZ: digital pan, tilt & zoom

	IC5160GC	43160391

WI-FI PEEPHOLE DOOR CAMERA



- See your door's peephole on your smartphone
- Two-way audio
- Passive infrared (PIR) sensor for motion detection
- Flexible storage options: supports 64G Micro SD/NAS/Cloud
- Night vision to see up to 3m

	IC6220DC	43160389

720P DAY NIGHT CLOUD CAMERA



720p HD Imaging.

- Night vision
- H.264 compression
- Motion & sound detection
- 300Mbps wireless

	NC250	43160402

HD PAN TILT WI-FI CAMERA



720p HD Imaging – HD resolution provides sharper, clearer images.

- Pan/Tilt – See up to 300° horizontally and 110° vertically
- Night vision – Know what's happening when it's dark, with up to 26 feet of night vision
- Motion & sound detection – Receive push and email notifications when motion or sound is detected
- 2-way audio – Start 2-way audio with ease to communicate with your family instantly
- SD card storage – Save your videos and images easily thanks to an integrated SD slot

	NC450	43160405

FULL HD ZOOM WDR IP CAMERA



- Superior WDR
- Day & night with adaptive IR LED
- Weatherproof (IP66)
- Vandal proof metal casing (IK10)
- 3 Year Warranty

2MP	10x	4.9-49mm	ACTIB45	43160482
3MP	12x	5.2-62.4mm	ACTIB47	43160485

DOME 30M IR 4MP IP POE CAMERA



- H.265 H.264 built-in smart feature
- Motorised 2.8-12mm auto iris lens
- No audio and alarm input
- 4MP resolution
- Micro SD card slot

	DM30IPW4M	43160602

DOME 30M IR 8MP IP POE CAMERA

DOSS



- H.265 H.264 built-in smart feature
- Motorised 3-10mm auto iris lens
- Micro SD card slot built-in
- Audio and alarm input and output
- 4K 8MP resolution
- Vandal proof

DM30IPW8M 43160702

BULLET 50M 4MP POE IP CAMERA

DOSS



- H.265 H.264 built-in smart feature
- Motorised 2.8-12mm auto iris lens
- 4MP resolution
- Micro SD card slot built-in
- No audio and alarm input

IN50IPB4M 43160802

BULLET 50M 8MP POE IP CAMERA

DOSS



- H.265 H.264 built-in smart feature
- Motorised 3-10mm auto iris lens
- Micro SD card slot built-in
- Audio and alarm input and output
- 4K 8MP resolution

IN50IPW8M 43160902

IP8INK SPARE IP CAMERA 12V POE

DOSS



Spare camera designed to work with the Doss IP8INK CCTV kit.

- 1/2.8" SONY 2.43 MP progressive scan CMOS sensor
- 3.6mm M12 lens
- 20-30M IR range
- PoE only from IP8INK NVR

IP8INKSC 43171203

12MP FISHEYE PANORAMIC CAMERA

DOSS



Keep an eye out in all directions. This clever camera can be a smart solution in replacing the need for multiple cameras to record different angles of a single space.

- 1/1.7" 12MP Progressive Scan CMOS sensor
- Multi modes viewing: 360°/180° full view, 4xPTZ fisheye & single-way fisheye
- Max. resolution 4000x3000 @ 20fps, H.265 encoding
- Supports Onvif, IE, Chrome, Firefox & Safari
- Smart IR (4x IR III LEDs), @ 15-20m
- Bi-directional talk
- IQ Analytics

DMF20IPW 43161000

4MP BODY CAMERA 4G RECORDER

DOSS



Compact and lightweight body-worn camera. Featuring built-in GPS, two-way talkback radio, quick playback screen, wireless transmission and more.

- 1/3" 4MP CMOS sensor
- HD 2" TFT LCD display screen
- Max. resolution 2688x1512 @ 18fps, with Full HD 1080p 30fps video, H.264 encoding
- Supports 4G wireless transmission and backward-compatible to 3G network
- Built-in GPS tracking in real-time & playback
- IP65 water & dust-proof (Drop Safe: 2m)
- 2x 1950mAh batteries and Charging base included

BC4G 43161100

DOME & PTZ CAMERAS

NETWORK CONTROL KEYBOARD

DOSS



7" 800x480 LCD screen.

- 3D control rocker
- Support H.265/H.264 decoding
- Support PTZ, preset/cruise/track operation
- Support preview image on the keyboard directly

KT401 43150162

DUMMY CAMERAS

DUMMY SECURITY CAMERA SOLAR

DOSS



Dummy Professional Security Camera.

- Includes built-in lithium battery and solar panel charger for illuminating the warning LED

S9179A 43150403

DUMMY BULLET CAMERA WITH LED

DOSS



Fake camera with genuine-looking IR LEDs.

- Using 1.5V "AA" batteries (not included) lasts for 3-6 months
- 25mm black plastic lens

●	DCIN11B	43150406
○	DCIN11W	43150407

DUMMY DOME CAMERA WITH LED

DOSS



- Blinking red LED light
- Powered by 3x "AA" batteries
- Available in White and Grey

●	DCDM30B	43150411
○	DCDM30W	43150412

VEHICLE CAMERAS

CAR REVERSE COLOUR CAMERA



Reverse backing colour camera, waterproof with infra-red illumination.

- 1/3" Colour CMOS camera with built-in board lens 6mm
- 380TVL ~ 290,000 Pixels (PAL)
- 92° Lens angle
- 4 Built-in infrared LEDs for night vision
- Mirror function for reverse view
- Automatic exposure, gain and white balance
- Flush mount bumper design

DCMOS01 43158900

OTHER

600TVL HIDDEN MIRROR CAMERA



TV System: PAL/NTSC.

- 600TVL
- Image sensor: 1/3" colour Ex-view CCD
- Dimensions: Ø350 x 200(H)mm

QC8631	43150744

LCD CLOCK WITH SPY CAM

Resolution: 720p (1280x720).

- Run Time: up to 3hrs
- Storage: up to 32GB Micro SD card



QC8660	43170541

BRACKETS & HOUSINGS

WALL MOUNT BRACKET FOR DOME30

DOSS®



- Suits DOSS DOME30 cameras

●	J38	43150930
○	J38W	43150936

ALUMINIUM CAMERA HOUSING



Waterproof anodised aluminium housing with sun shield.

- Slide off top
- Outdoor use – cable glands seal out moisture
- 3mm thick glass window
- Easy assembly
- Size (HxW): 120x100mm
- Length: 335mm (Large) or 205mm (Small)

Small	205mm	AH20	43150938
Large	335mm	OH335	43150940

ALUMINIUM CAMERA HOUSING



Die cast aluminium camera housing.

- Outdoor use
- Slide off top
- External size: 390(L with peak) 350(L) x 138(W) x 105(H)mm
- Weigh: 1400g
- Max. size camera: 215(L) x 105(W) x 80(H)mm
- Clear windows area: 74x74mm
- Plate glass: 3mm

AH24	43150942

SMALL BEIGE CAMERA BRACKET

DOSS®



- Ball and socket articulation
- Material: Plastic
- Any position or angle possible!
- Max. 3kg camera

CBP001	43156005

ALUMINIUM CAMERA BRACKET

DOSS®



- 135° tilt / 360° turn
- Material: Powder-coated cast aluminium
- Max. 10kg camera + housing
- Includes 2x camera mounting screws

250mm	CBA005	43156060

WALL MOUNT BRACKET

DOSS®



The J11 dome camera mount is perfect for fixing the DOSS Dome Cameras to a wall (using screws) or pole (using U-brackets).

- Weather-proof (IP66)
- Mounting Holes: Ø11mm, 78x148mm Centres
- Wall-mounting hardware and mounting screws included

J11	43156100

FLUSH MOUNT BRACKET

DOSS®



The J57 allows you to mount the FHDDOME and DOME15PRO cameras flush to the ceiling. Ideally suited to, but not limited to, suspended ceiling panels.

- Self-opening mounting clamps
- Cut-out: Ø180~200mm
- White finish

J57	43156110

MOUNTING BOX FOR FHDDOME

DOSS®



The Camera Mounting Box allows you to mount our DOME15PRO or FHDDOME cameras to a solid core wall, or any wall you do not want to run cables through. Reduce installation time by allowing you to run conduit to the box, and secure camera connections within the mounting box.

P10	43156115

MOUNTING BRACKET FOR IP CAMERA

DOSS®



- Ø120mm x 39.5mm
- Camera mounting holes: 70x70mm

●	P06IPG	43156120
○	P06IPW	43156122

WALL MOUNT BRACKET FOR DMP30IP

DOSS®

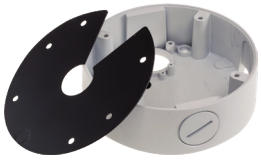


- Bracket comes with hole drilling template and screws

J38BW	43156125

MOUNTING BRACKET FOR DMP30IP

DOSS®



Cable management box for selected Doss dome cameras.

- Ideal for out-of-reach locations as dome camera can be easily unscrewed from this base

P06DW	43156130

CCTV CAMERA WINDOW MOUNT

PANAVISE®



A unique specialty camera mount, perfect for those tricky installations.

- Powerful suction cup pad attaches to any smooth, flat, non-porous surface
- Full range of motion at the camera (knob adjustment)
- 1/4-20 stud with lockring
- Ratcheted arm has 140° vertical motion; knob locks arm into place
- Suction cup is 3.4" in diameter
- Overall length is approximately 4.5"

WM809	43158990

CCTV FLEX CAMERA MOUNT 16"

PANAVISE®



A unique specialty camera mount, perfect for those tricky installations.

- For working around corners and other obstacles
- Double wound shaft, will not droop or require safety wires
- Shaft is covered with durable black vinyl
- Full range of motion at the camera: 210° Tilt, 360° Turn & 360° Rotation

FM817-16	43158991

ACCESSORIES

80M IP66 INFRARED ILLUMINATOR



- Outdoor metal rectangular type housing
- High power infrared LEDs x 42 pieces
- Dust and waterproof to IP66
- 12V DC operation

S9143A	43150404

50M INFRARED SPOTLIGHT

Automatic day/ night operation.



- IP Rating: IP65, Weatherproof
- 180° Bracket Adjustment
- Effective Infrared Range: up to 50m

QC3654	43150418

25M IR ILLUMINATOR

DOSS®



- 48x Led infrared
- IP65

IR17	43150420

CCTV WARNING STICKER

NESS

- Available with adhesive on Front (for internal mounting on glass) or Rear for external mounting on other surfaces



Rear adhesive	100-354	43150790
Front adhesive	100-354IN	43150792

2.4GHZ WIRELESS AV TRANSCEIVER



Offer a wireless link solution for the audio/video/alarm signals.

- Built-in buzzer for alarm indication
- C12V/750mA by-pass out for a box camera (TX)
- Built-in a bias-tee circuit (3.3V/25mA) for an active antenna connection (RX)
- Receiver channel auto-scan mode for multi TX to Single RX application

Up to 1KM	2400VHTR	43150868
Up to 210M	2400VTR	43150870

2.4GHZ AV TRANSMITTER

COP Professional CCTV



Designed for use in conjunction with the S8795 receiver, this transmitter allows a single channel of video and audio to be encrypted and transmitted to an S8795 receiver for decryption and recording or monitoring.

- Suitable for use in video surveillance systems where security is paramount
- Alarm input for remote triggering by a PIR or alarm system
- Power pass-through connector so that the camera and transmitter can be powered by a single power supply
- RF Channel frequency: 2.414GHz, 2.432GHz, 2.45GHz, 2.468GHz

Transmitter	S8775	43150885

LONG DISTANCE POWER & BNC CAT5



Identical to TTP111VP, but remote power goes via 3 pairs instead of 1 pair for longer range.

TTP111VP3	43150972

4-CHANNEL VIDEO TRANSCEIVER



4x BNC female to 1x RJ45 female + 8-pin terminal block.

- Four passive transceivers in one product
- Choice of RJ45 or push pin terminal inputs/outputs

TTP414V	43150974

DVI OVER SINGLE CAT5 EXTENDER



The DE01ERK DVI Extender allows transmission of DVI signals up to a distance of 70m over CAT5 UTP Cable.

- Connect devices using thin, long, flexible, cost effective CAT5e/6 cable
- Used and supplied in pairs
- Receiver gets power from Transmitter
- Transmitter gets its power from DVI Source, or Micro USB input when DVI Source is insufficient
- Built-in LED indication
- Supports resolutions up to 1920x1200

DE01ERK	43150976

DVI OVER CAT5 EXTENDER 20M

ATEN



Extends the distance between DVI source and DVI display.

- Uses CAT5e cable to connect the Transmitter and Receiver units
- Long distance transmission - up to 20m
- Superior video quality - up to 1920x1200

VE066	43150978

VGA TO COMPOSITE CONVERTER



This VGA to BNC converter also features a VGA output port that allows for VGA Loop-Through. You can simultaneously view video on a VGA monitor while viewing the video on your CRT, TV monitor. It convert your VGA signal to be viewed on any TV, projector, or any other viewing device that uses standard BNC (RCA) connector with this simple external device.

- Use TV as PC monitors to view presentations, games, pictures and movies or browse the Web
- Connects your DVR with VGA output port to existing TV or CRT monitor
- Ideal for notebook computer users to easily connect and use a large-format monitor
- Video standards: NTSC/NTSC-EIAJ/ PAL/PAL-M/PAL-N/SECAM
- Simple and quick to install; Windows and Mac compatible
- Package includes 5V 1.2A switchmode power supply

VC01-4 43151030

HI-FREQ INTERFERENCE BLOCKER



CHB001H uses a special design to block the interference from electromagnetic wave, high voltage electricity, wireless station, elevators, heavy power on industry, etc.

- Perfect to eliminate High Frequency Interference
- Working distance: 600m (RG59)
- Video & Audio over one Coax Cable
- S/N Ratio on video signal: 42dB, S/N Ratio on audio signal: 40dB

CHB001H 43151070

VIDEO GROUND LOOP ISOLATOR

DOSS®



Video Ground Loop Isolator reduces 'Ground Loop Interference' with CCTV signals and can easily install in a new or added to existing systems.

- BNC male to BNC female with mini cable 20cm on both sides
- Prevents video-signal distortion caused by video ground loops
- Passive type, no power needed
- Eliminates picture tearing, cross talk and rolling

GLI02 43151075

NETWORK SURGE PROTECTOR



Protects equipment from high voltage surges from nearby lightning strikes.

- Two stage protection: under 1ns-90V, over 10ns-12V
- Protects UTP Twisted Pair transmission products

SP006 43151055

COAXIAL VIDEO SURGE PROTECTOR

DOSS®



The VSP01 is a signal channel coaxial video surge protector designed according to IEC and GB standards.

- Designed with lower value capacitors results in lower insertion loss and quicker response time
- Large through-flow capacity, long life
- Adopts internationally recognised branded components
- Low residual voltage
- Easy installation and convenient maintenance
- Frequency bandwidth: 0~300MHz

VSP01 43151078

COAXIAL SURGE PROTECTOR

Pro.2



The SPF RF / Coaxial protector features robust gas tube technology and provides surge protection for radio frequency and coaxial cables.

- Gas tube: 90V type
- Insertion loss: 0.5dB Max. (50~470MHz)
- Surge protection attacks time: 100ns
- Maximum surge current: 5000A per 8/20μs

SPF 43151080

WATERPROOF BNC VIDEO BALUN

DOSS®



The BVB4200WP video balun is waterproof and able to be used outside.
Because of its ultra-miniature size, BVB4200WP greatly saves space during installation.

- Eliminates costly and bulky coaxial cable
- Sends composite baseband video over UTP up to 400m
- Waterproof
- No power required
- Real-time transmission
- Exceptional interference rejection
- Surge and lightning protected

BVB4200WP 43151090

BNC VIDEO BALUN

DOSS®



- Eliminates costly and bulky coaxial cable
- Sends composite baseband video over UTP up to 400m
- No power required
- Real-time transmission
- Exceptional interference rejection
- Surge and lightning protected

Push pin BVB4100P 43151096

RCA COMPOSITE VIDEO BALUN

DOSS®



Send video over Unshielded Twisted Pair (UTP) up to 300m with these simple Passive RCA Audio Baluns.

- Gold-plated RCA Plug
- Screw terminal connection
- Compact size

Video up to 305m CVB1001 43151105

VIDEO + POWER CCTV BALUN

DOSS®



This passive balun allows transmission of real-time CCTV video signals and power over cost-effective Unshielded Twisted Pair (UTP) cable.

- Eliminates costly and bulky coaxial cable
- Sends composite baseband video & power over UTP up to 250m
- Real-time transmission
- Exceptional interference rejection
- Surge and lightning protected
- VPB45PCD model downconverts 24-28V DC to 12V DC

8-way push-pins VPBPP 43151205

CCTV VIDEO+AUDIO+POWER BALUN

DOSS®



Single Channel Passive Video, Audio and Power Transceiver.

- Transmit power signal up to 200m in pairs
- Colour video up to 400m via UTP CAT5e/6 cable
- Audio signal up to 600m in pairs
- Built-in Transient Voltage Suppressors for surge and lighting protection
- Compact size and easy installation

VPAB45 43151207

RJ45 VIDEO+POWER+RS485 PASSIVE BALUN



This passive balun allows transmission of real-time CCTV video signals and power over cost-effective Unshielded Twisted Pair (UTP) cable.

- Eliminates costly and bulky coaxial cable
- Sends composite baseband video, power & PTZ control over UTP up to 200m
- Real-time transmission
- Exceptional interference rejection
- Surge and lightning protected
- RJ45 Connection
- Converts 24~28V DC supply to regulated 12V DC at the camera

8-way push-pins	VPPBPP	43151225

200M IP OVER COAX EXTENDER



Transmit IP camera signal over coax.

- Distance up to 200m
- No power required
- Built-in surge protection

	IPOC200	43151235

ACTIVE ETHERNET & POE OVER COAX - TRANSMITTER



- 1CH Active Ethernet and power transmitter
- Up to three cascading devices
- Up to 1km distance
- Sits on the IPC end

	IPOC1KPT	43151237

ACTIVE ETHERNET & POE OVER COAX - RECEIVER



- 1CH Active Ethernet and power receiver
- Up to 1km distance
- On PoE switch end
- Require power supply

	IPOC1KR	43151239

PASSIVE SINGLE POE SPLITTER



It supplies power and transmits data to devices which do not support PoE power supply.

- 10/100Mbps bandwidth
- Output current: 1.08A (Max.)
- Supports IEEE802.3af standard
- 37-57V input voltage
- Output Voltage: 12V

	POE1SP	43151255

POE EXTENDER



Bandwidth: 10/100Mbps.

- Input Voltage: 48-57V
- Easy to install and operate on-walls or on the desktops

	POE100EX	43151259

1CH VIDEO OPTICAL TRANSCEIVER



Plug and Play design ensures adjustment-free installation and operation for 2U rack.

- 8-bit digital code and non-compression type video transmission
- Support any high-resolution video signal
- Automatic compatible PAL, NTSC and SECAM video system

	VOC1CH	43151300

SCREW TERMINAL BNC VIDEO BALUN



BNC video balun compatible with HD-TVI, HD-CVI and AHD analogue cameras.

- Screw Terminal and no power required
- Compatible with NTSC, PAL & SECAM video format
- Built-in TVS for surge protection
- Wave filter and anti static design
- Real-time signal transmission over UTP CAT5e/6

	BVB4102SHD	43151304

MINI PASSIVE BNC BALUN



BNC video balun compatible with HD-TVI, HD-CVI, AHD & CBVS analogue cameras.

- Push PIN terminal
- No power required
- Compatible with NTSC, PAL & SECAM video format
- Built-in TVS for surge protection
- Real-time signal transmission over UTP CAT5e/6

	BVB4201PLHD	43151308

RJ45 JACK VIDEO & POWER BALUN



Video Balun compatible with all HD-TVI, HD-CVI, AHD & CBVS analogue cameras.

- Colour video max. up to 440m for HD-CVI 720p camera
- Colour video max. up to 210m for TVT HD-TVI 720p camera
- Built- in TVS for surge protection
- Colour video max. up to 300m for AHD 720p camera
- Real-time transmission over UTP CAT5e/6

	VPB45HD	43151312

VIDEO & POWER CONVERTER BALUN



Real-time transmission over UTP CAT5e/6.

- Compatible with all HD-TVI, HD-CVI, AHD & CBVS analogue cameras
- Convert 28V-36V DC to regulated 12V DC at camera
- RJ45 jack for UTP cable
- Built-in TVS (Transient Voltage Suppressor) for surge protection
- ABS engineering plastic housing

	VPB45PCDHD	43151320

RJ45 VIDEO POWER & PTZ BALUN

DOSS®



Real-time transmission over UTP CAT5e/6.

- NTSC,PAL & SECAM video format compatible
- Compatible with all HD-TVI, HD-CVI, AHD & CBVS analogue cameras
- Data signal up to 300m
- RJ45 jack for UTP cable

	VPPB45HD	43151330

CCTV SECURITY AUDIO PICK UP



Add-on mini audio box for all cameras that require an audio function.

- High sensitive microphone (-65dB) with 45cm power/audio cable
- 12V DC power operation
- Easy to install and ideal for all security surveillance needs

	AA002	43158025

4 BNC PLUG TO 4 BNC PLUG LEAD



4 BNC male to 4 BNC male cable.

- Length: 100cm
- Ready made coax for quick installation

	WC414	43158030

BNC CAMERA EXTENSION LEAD WITH POWER

DOSS®



- Tamperproof & Weather Resistant
- High Quality Connectors
- BNC Plug to BNC Plug
- 2.1mm DC Socket to 2.1mm DC Plug

5m	CEL5M	43158110
10m	CEL10M	43158115
15m	CEL15M	43158120
20m	CEL20M	43158125
30m	CEL30M	43158130

CCTV KITS

NVIEW2 8CH DVR & 4X CAMERA KIT



Simple to use, simple to set-up, High Definition 1080p complete CCTV Kit.

- 8ch Networkable TVI HD DVR
- 4 x 2MP 2.8mm IP66 Colour Ball IR Cameras
- 2TB Hard Drive included
- Live view online from Smartphones/Tablets

8CH NVR + 4x Camera Kit	104-637	43170994
Spare/Additional Camera	104-637B	43170995

4CH TVI DVR & 4X CAMERA KIT



1080p HD Networkable DVR KIT. Simple to use, simple to set-up, High Definition 1080p complete CCTV Kit.

- Supports up to 4x HD TVI Cameras 2Mp
- IP66 Outdoor eyeball housing
- Includes: 1TB Hard Drive

	104-631	43171001

8CH NVR WITH 4X 4MP CAMERAS



High Definition 1080p complete CCTV IP Kit. Expandable up to 8 cameras using optional camera (104-094).

- 4x IP67 4MP HD IP Cameras
- Up to 30m IR range
- 3TB HD NView NVR
- 8x RJ45 10/100 self-adaptive PoE Ethernet ports
- H264+, H265 & dual-stream video compression
- Live view online on your smartphone

8CH NVR + 4x Camera Kit	104-095	43171006
Spare/Additional Camera	104-094	43171008

8CH NVR/1080P IP CAMERA KIT

DOSS®



- 1080p 30m IR range for all cameras
- Easy remote viewing on PC, Android, or iOS
- All accessories included to plug and play!
- 2TB Seagate SkyHawk HDD pre-installed

	IP8INK	43171202

4CH DVR/1080P AHD CAMERA KIT

DOSS®



Complete 1080p AHD camera kit with 4 cameras and a pre-installed 1TB hard drive. Comes with all the accessories and is ready to go!

- 4-channel Hybrid NVR works with the included AHD cameras or optional IP cameras as well as analogue
- 30m IR range for all cameras
- Easy remote viewing on PC, Android, or iOS
- All accessories included to plug and play!

	AHD4INK	43171204

CCTV MONITORS & TESTERS

3.5" PALM WRIST LCD MONITOR

DOSS®



A convenient and lightweight LCD monitor ideal for security installers for CCTV testing and monitoring.

- 3.5 TFT LCD monitor
- OSD menu
- Video System input: PAL/NTSC
- 4x 2500mAh Ni-MH rechargeable "AA" batteries
- Mounting bracket
- Resolution: 480x360 pixels

	M035LCD	43150521

3.5" PTZ CCTV SECURITY TESTER

DOSS



- Compatible with more than 30 protocols including PELCO-D/P, Samsung, Panasonic
- Video playback, snapshot, video record and playback
- Analogue camera display and PTZ control
- IP address search and PING testing

D305 43150571

7" CCTV TESTER

DOSS



CCTV tester with network testing functions.

- 1280x800 resolution
- Network function testing
- For Analogue, HD & IP Cameras

T700A 43150573

9" HD 12VDC LCD TEST SCREEN



Ideal solution for vehicles for security, reversing and entertainment.

- RCA and HDMI inputs
- 12V power

QM3874 43158895

DVRS & NVRS

AHD HYBRID NETWORK DVR

DOSS



Upgrade your existing analogue CCTV system with a DOSS Hybrid DVR to future proof it! Keep your existing cameras, while allowing you to upgrade them to AHD, and adding IP cameras to your system!

- Compatible with 1080p & 720p AHD cameras
- Supports upwards of 4x Analogue Cameras (depending on model)
- BNC/VGA/HDMI simultaneous output with 1080p HD preview
- Remote access

4CH AHD + 4CH IP	HBD4DVRV3	43171112
8CH AHD + 8CH IP	HBD8DVRV3	43171123
16CH AHD + 16CH IP	HBD16DVRV3	43171132

8CH SOHO 2-BAY 12TB MAX NVR

QNAP



The VS-2208 Pro+ 2-bay network NVR is ideal for security applications in small to medium sized companies.

- Supports a 1080p resolution display at up to 200fps via HDMI
- I/O 6x alarm inputs
- 4GB DDR3L RAM
- Quad-core Intel 2.0GHz processor
- HDD Capacity 2x 3.5" SATA 6Gb/s, SATA 3Gb/s hard drives up to 6TB each (12TB total)
- Compression H.264, MPEG-4, MJPEG, and MxPEG

VS2208PRO+ 43171315

NVR WITH POE IQ ANALYSIS

DOSS





DETECTION MODE TARGET COUNT OBJECT LOST AREA DETECTION LINE CROSSING

4K ULTRAHD FISHEYE

(FOR SELECTED MODELS)

Real-time Network Video Recorder with QI Analytics.

- Dual-stream decoding
- Simultaneous video playback and remote monitoring
- Intelligent analysis features - Area Detection, Detection Mode, Target Count, Object Lost and Line Crossing
- Easy app view setup for smart phone and tablet
- Dimensions: 360(W) x 242.4(D) x 48(H)mm (NVR36IQ4K Model: 440(L) x 432(W) x 90(H)mm)

Channels	PoE	Resolution	Video Compression	Storage	Alarm Input	Supports	Model	Code
8CH	4PoE	Up to 5MP	H.264/MJPEG	2x SATA 6TB HDD	2CH		NVR8IQEC0	43172007
16CH	8PoE	Up to 4K	H.264/MJPEG	2x SATA 6TB HDD	4CH		NVR16IQ	43172026
16CH	8PoE	Up to 4K	H.265/H.264/MJPEG	2x SATA 6TB HDD	4CH	4K UltraHD	NVR16IQ4K	43172080
8CH	8PoE	Up to 4K	H.265/H.264/MJPEG	2x SATA 8TB HDD	4CH	4K UltraHD + Fisheye	NVR8IQ4KV2	43172072
16CH	8PoE	Up to 4K	H.265/H.264/MJPEG	2x SATA 8TB HDD	4CH	4K UltraHD + Fisheye	NVR16IQ4KV2	43172082
36CH	16PoE	Up to 4K	H.265/H.264/MJPEG	8x SATA 1x E-SATA 8TB HDD	16CH	4K UltraHD + Fisheye (2RU)	NVR36IQ4K	43172125

9CH 2-BAY DESK TOP NVR



Acti ENR120 9-channel 2-bay NVR.

- Record up to 9-channels
- Live view up to 9-Channels Local or remote
- Synchronized local playback up to 9-Channels
- Event trigger, response and notification
- Mobile Client, Web Client
- 9-channel free license included ONVIF® Conformant

ENR120	43171460

UNIFI NETWORK VIDEO RECORDER



- Capable of managing and recording video footage from up to 50 cameras (20 recommended)
- Preinstalled 2TB HDD to record video
- User interface accessible from a web browser on a Windows system
- Video web interface is accessible on iOS and Android devices

UVC-NVR-2TB	43171470

SECURITY ALARMS

ALARM PANELS

SECURITY PANELS WITH NAVIGATOR TOUCH KEYPAD



Supplied with a Navigator touch screen keypad, plug pack, battery, telephone lead, housing and manuals.

- Navigator's many display screens make it easy to view all your zones with your own text descriptions, get help and prompts for arming, disarming, operating outputs, emergency alarms and much more
- Onboard 3 Door Access Controller
- Optional Radio Interface for integrated wireless security
- 4 programmable auxiliary outputs
- Direct Connect or Dial-up programming via NessComms™
- Remote control of outputs via telephone

8-zone		D8XDNAV	01301628
8-zone	With Saturn Keypad	D8XSATW	01301631
16-zone		D16XNAV	01301630

NESS RADIO CONTROL PANEL



The R16 is the core part of your alarm system that manages and controls all the elements to ensure your protection against intrusion and fire.

- Radio Zones: 16
- Onboard keypad with LCD display
- Dimensions: 210(H) x 145(W) x 40(D)mm

R16	01301632

SECURITYGUARD III WITH GSM



SecurityGuard III is a unique fully self contained control panel with an onboard 15m PIR, LED user display, high volume siren and anti-tamper protection.

- 15M PIR motion sensor
- GSM monitoring
- 6-character scrolling LED display
- Voice prompts
- Extra loud siren
- Wireless operation

106-303	01301634

ALARM PANEL & DIALLERS WITH LCD KEYPADS



Flexible 8 or 16-Zone control panel & dialler. These are the most versatile Ness control panels ever! Supplied with keypad, plug pack, battery, telephone lead, housing and manuals.

- 56 user codes can be assigned to 3 to 6 digits PIN codes with keypad options
- Two button arming feature
- Fire Alarm feature with different siren tones
- Temporary Day Zone feature for Day Zone setup "On the fly"
- Single or double trigger option on a zone-by-zone basis
- Supports up to 55 Radio Keys

8-zone	D8XLCD	01301646
16-zone	D16XLCD	01301680

ALARM KITS

WIRELESS ALARM PHONE SYSTEM



The WDA-KIT is a simple security system solution for the home or office. It also works as a corded telephone.

- Marked stock. The rubber has become sticky, so we're clearing stock!

WDA-M	01301035

D8XD DELUXE PANEL & NOISE KIT



The kit includes all the basics minus the PIR detectors.

- Ideal for people with existing PIR detectors that they are not replacing or for those that need specific PIR detectors

K-6311	01301066

ALARM KITS WITH NAVIGATOR TOUCH KEYPAD



The kit includes a D8x or D16x Navigator Control Panel complete with Navigator Touch Screen Keypad, Plug Pack, 12V 7Ah Battery, plus External Siren Cover, Horn Speaker, Strobe Light and Internal Screamer.

- Navigator provides both the user and the installer with unrivalled ease of use
- Choose your detectors from the Ness Quantum range
- 8 or 16-Zones + Tamper
- Onboard 3 Door Access Controller
- Auto-Time Control via onboard Real-Time Clock
- Optional Radio Interface for integrated wireless security
- Onboard Vibration Sensor Analyser

8-zone	NSD8XNAVKIT	01301075
16-zone	D16XNAVKIT	01301085

R16 WIRELESS ALARM KIT



The Ness R16 is a unique fully self-contained radio control panel.

- 1x 100-690 R16 Complete panel
- 2x 106-168 Lux radio PIRs
- 2x 100-067 NESS RK4 radio key (4 Button)
- 1x 100-219 Plastic siren cover & kit bag
- 1x NOI110 Horn speaker 8Ω
- 1x 100-238 Top hat screamer
- 1x NOI300 Blue strobe light

R16KIT 01301636

PIRS

MOTION ACTIVATED ALARM



Remote control to arm or disarm the alarm unit.

- A delay feature to give you time to leave the room
- 120dB+ alarm
- 120° coverage

LA5217 01303486

QUANTUM 360 DEGREE PIR



The Quantum 360 ceiling mount detector, for complete and reliable 360° coverage. Provides coverage of 12m diameter at floor level when installed on a standard 2.4m ceiling.

- Detection zones: 34 Dual element zones
- Coverage: 12.8x8m
- Mounting height: 2.1m to 5m
- Superior false alarm protection
- Adjustable range (Hi-Lo Shunt)
- Selectable pulse count (1-2, 3-4)

Q100-048 01303490

QUANTUM-Q QUAD ELEMENT PIR



Now boasting a QUAD Element Pyro Sensor it has a better detection rate and higher noise immunity for lower false alarms.

- Quad element pyro sensor
- Adjustable Pulse Count
- High R.F. and E.S.D. immunity
- 15x15m wide angle coverage

106-079 01303533

LUX HARDWIRED QUAD PIR



Ness LUX PIR is more than your stock standard Motion Detector.

- 15x15m detection coverage
- Look-down creep zone
- Selectable Standard and Pet Aware Modes
- White LED motion activated night-light

106-173 01303540

QUANTUM-Q PET AWARE PIR



Boasting a QUAD Element Pyro Sensor it has a better detection rate and higher noise immunity for lower false alarms.

- Quad element pyro sensor
- 15x15m wide angle coverage
- High R.F. and E.S.D. immunity
- Pet Immunity

Pet aware 106-259 01303541

LUX RADIO PIR WITH WHITE LED



Ness LUX Radio PIR is a unique wireless motion detector with a white LED night-light especially designed for the latest generation of Ness radio control panels.

- 15x15m detection coverage
- Look-down creep zone
- High RF immunity
- White light immunity
- Adjustable range and pulse count
- Extremely long battery life, up to 10 years

106-168 01303552

Pet aware 106-170 01303554

OUTDOOR RADIO PET PIR



All weather outdoor wireless detector.

- Compatible with ECO8x, D8x, D16x, R16 and M1 Gold or 100-200 receiver
- Weatherproof
- Adjustable sensitivity
- Adjustable pulse count
- 9V Lithium battery powered

106-215 01303558

QUANTUM SONIC PIR & SIREN



The Ness Quantum Sonic is a unique combination PIR and Piezo Siren.

- Just 1 cable run to 2 different devices!
- Dimensions 110(H) x 80(W) x 50(D)mm
- Coverage: Up to 15x15m @ 90° plus 2 vertical creep zones
- Range Select: Selectable High/Low (15m/12m)
- Pulse count: Selectable 1-2 or 3-4
- Sensor: Dual element pyroelectric

Q100-022 01303570

MINI ALL-IN-ONE PIR ALARM



Detects entering person by comparing constant background temperature with rapidly changing temperature created.

- Very easy Installation
- Detection Coverage: Fan shaped Area of 130°, Distance up to 10m
- Wall, Ceiling or Desk Top mount
- Selectable Alarm, Chime, Off Function
- Flylead supplied so that the TK2 can be connected with Door Bell Button
- Requires 9V battery or AC Adaptor
- Size: 90x60x60mm - Weight: 90g

TK2 01303685

REED SWITCHES

RR1 WIRELESS RADIO REED SWITCH



Ness radio reed switch for wireless window and door protection. Transmits alarm, restore, tamper and Low Battery reports.

- 3V Lithium battery supplied

100-662 01305505

RR3 MICRO RADIO REED



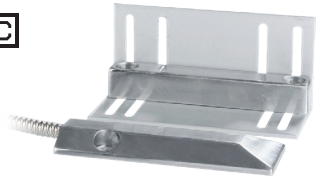
The ultra low profile body of the reed switch and supplied magnet allows for unobtrusive installation on door and window frames in cases where wired reed switches cannot be used.

- On-board reed switch
- Fully supervised, encrypted signals
- Compatible with all Ness radio receivers
- Lithium battery operation
- Ultra low standby current draw
- Unique Earthing spring for extra range
- Self adhesive pad mount

106-091 01305507

METAL ROLLER REED SWITCH

NIDAC



Roller Shutter Reed Switch 0-65mm

- Metal alloy finish
- Normally Closed Contacts
- Colour: Metallic

MS55ZL 01305508

ROLLER-DOOR REED SWITCH

DOSS®

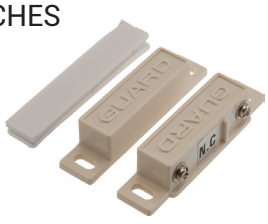


Heavy-duty reed switch for roller doors.

- N.C. contacts
- Reed switch size 88x38x10mm
- Armoured cable length 280mm

RSC40 01305510

REED SWITCHES

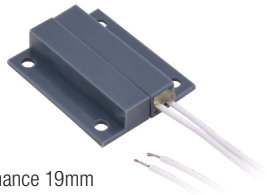


Standard reed switches provided in either N/O or N/C configurations.

- Used to secure an alarm circuit on a door or window

N/C	SR2	01305517
N/O & N/C	SR3	01305524

SURFACE MOUNT REED SWITCH



Miniature reed switch and magnet in plastic housing.

- Pre-wired 305mm leads
- Wide gap performance 19mm

● N/C	SM205	01305533
○ N/O	SM208	01305537

SELF ADHESIVE MINI REED SWITCH



Super stick miniature switch.

- Super special adhesive or nails for mounting
- Standard 18" #22AWG leads
- Closed loop
- Size 16x6x5mm
- Colour: White

DC1581 01305540

FLUSH MOUNT REED SWITCH



N.C. reed switch & magnet, in tubular plastic housing.

- Push fits into 10mm drill hole
- Pre-wired 200mm leads
- Dimensions: Ø10 x 30(L)mm

D20 01305549

9.5MM STUBBY REED SWITCH

NESS



Flush mount reed switches, N.C. contacts. 9.5mm diameter.

100-094 01305550

220SP FLUSH REED SWITCH

NESS



25mm heavy-duty for steel door.

- N.C. contacts

100-076 01305555

N.C. REED SWITCH ROLA

NESS



- N.C. contacts

100-225 01305560

SIRENS

COMPACT PIEZO SIREN



Compact size, Ideal reversing buzzer.

- Current: 150mA
- Sound Output: 110dB @ 1m
- Size: Ø50 x 45(D)mm

P1-101 01264540

12V SIREN WITH BATTERY BACK UP

DYNAMCO



Siren with 65mA/hr back up.

- Automatic battery charging
- Frequency: 1500Hz to 3550Hz
- Sound Pressure Level: 90dB to 115dB @ 1m
- Operating Voltage: +9V DC to +15V DC
- Battery Backup Charge Rate: 10mA

SIR004 01264567

12V CAR ALARM SIREN

VISION



Bracket adjusts for mounting siren at any angle.

- Compact 115dB 12 Volt
- Fits in all engine compartments
- Waterproof design
- Neodymium speaker
- Small design to fit into most engine compartments

VAE318-017 01264578

CAR ALARM SIREN WITH BATTERY

VISION



Compact 115dB 12 volt electronic siren.

- Battery back up
- Close loop / negative trigger input
- Bonnet trigger wire
- Shock sensor

SIR001 01264600

12V DUAL TONE INTERNAL SIREN

NESS



Suitable for wall or ceiling mount.

- Output Level: 105dB @ 1m
- Voltage: 7.5~15V
- Current: 200mA
- Colour: Cream
- Size: Ø86 x 45(D)mm

AD60HL 01307001

STANDARD 8OHM SIREN / SCREAMER



8Ω horn speaker in surface mount housing, bayonet fixing front dress ring unclips for access to mounting holes.
Two wire connection to a siren driver circuit that has a modulated speaker output that can support an 8Ω speaker.

- Output @ 1 Metre: 1500~2300Hz
- 117dB, 2300~3000Hz - 122dB
- Size: Ø110 x 60(D)mm

S171 01307005

FLUSH MOUNT INDOOR SIREN



Flush Mount Screamer 12V.

- White ABS material
- Sound Output: 100dB
- Recessed Dimensions: Ø35 x 29(D)mm
- Operating Voltage: 12V DC

100-004 01307007

JUMBO OUTDOOR SIREN STROBE BOX



Dual tamper protection from upper cover removal or removal of the bell box.

- SAB mode is available, Equipped with internal 7.2V rechargeable battery
- LED indications for easy status confirmation
- Piercing siren sound with high-visibility xenon strobe flashes
- 4 kinds of sounder timer selections
- External or internal tamper trigger is selectable
- Operating Voltage 10-15V DC

500LB 01307012

MINI SIZED SIREN DUAL STROBE



Compact size with powerful dual function siren and strobe.

- 95dB sound level O/P at 100cm on 12V DC
- Operating Voltage: 6~14V DC
- Consumption Current under 180mA at 12V DC
- Oscillation Frequency: 2900±500Hz
- 150 flashes/min
- Size: 72.5x122.5x35mm

560D 01307014

EXTERNAL SIREN / STROBE COMBO



A sleek and unobtrusive alternative to a standard siren cover and strobe.

- Weatherproof Design
- 4 wire connection without tamper/6 wire connection with tamper
- Siren volume: 115dB @1m
- Dimensions: 210x130x78mm

100-245 01307022

PLASTIC SIREN COVER



High quality unbreakable plastic flare cover guaranteed for 5 years against UV degradation.

- Louvres provided to distribute the sound
- Moulded guides accommodate Combo 12V siren and optional tamper switch (SP3017)
- External Size: 220(W) x 180(H) x 155(D)mm
- Mounting holes on the bottom for mounting a strobe
- Suitable for mounting outdoors
- Internal Size: 170(W) x 150(H) x 145(D)mm
- White Finish

PFC2 01307034

WIRELESS RADIO SIREN

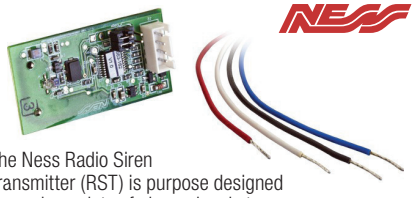


Suits Ness radio transmitters.

- Siren can be activated by the application of a 12V trigger to the transmitter from any source
- Providing a powerful 116dB siren output
- This has unlimited applications in Security, Fire, EVAC and many other applications limited only by your imagination

Siren only	106-080	01307050
Satellite siren	106-081	01307055

RADIO SIREN TRANSMITTER



The Ness Radio Siren Transmitter (RST) is purpose designed to send a variety of alarm signals to the RSI and RSS Radio Sirens.

- The RST is a miniature transmitter board with flying leads fitted

106-084 01307057

SATELLITE SIREN ISIS



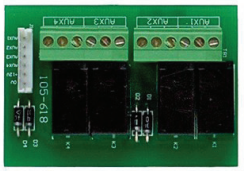
The ISIS satellite siren features two high intensity strobe lights and a high volume electronic siren.

- Made from a high impact Polycarbonate non rusting housing
- Built-in rechargeable backup battery
- Tamper protection
- Siren Output: 118dB

100-038 01307062

TIMERS & RELAYS

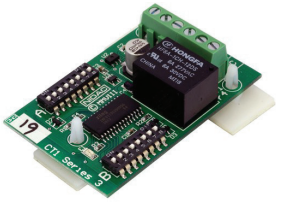
4X RELAY BOARD SUIT



The optional X Series Relay Board plugs directly into the AUX header on the D8x and D16x control panels to provide 4 relay outputs driven as programmed by Aux 1, 2, 3 & 4 outputs.

106-013 01301606

GENERAL PURPOSE TIMER

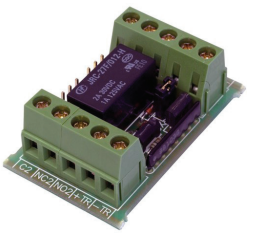


The Nidac CT1 Series 3 Control Timer has 13 different operating modes and 4 timing ranges, 3 trigger modes, dual DC voltage operation & a heavy-duty relay output.

- 12 to 24V DC operation
- Accurate DIP switch selection for timing
- Selectable positive, negative or dual edge trigger
- Only 70x57x23.5mm including feet
- 70x45x19.5mm without feet
- LED indicates operation

CT1 01306013

DPDT CONTROL RELAY



A Double Pole, Double Throw control relay suitable for 12 or 24 Volt operation.

- 2 Pole change over contacts
- 2 Amp rated relay
- Low 1.2mA input current
- Pull up operation
- LED indicates operation

CR2PDT 01306018

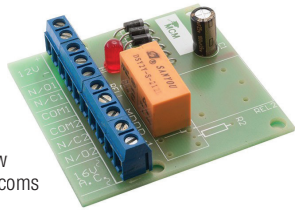
BASIC 12V RELAY NESS



12V DC relay with normally open (N\O) and N\C contacts.

101-283 01306020

12V AC DPDT RELAY TO SUIT DB



AC / DC double pole double throw relay to suit intercoms and alarms.

- Supply Voltage: 12V DC or 16V AC
- Termination: 10-way screw terminal
- Max. Switching Power: 60W
- Max. Switching Voltage: 220V DC
- Max. Switching Current: 2 Amp
- Max. Carrying Current: 3 Amp

ACDPDT 01306022

7-DAY VERSATILE DIGITAL TIMER

NIDAC



This 7-day digital timer is ideal for use in any appliance which requires automation. It can be configured to switch at up to 8 different times during a 24 hour period. In addition, it can be programmed to operate on a wide variety of days. eg. Daily, Week days only, Weekends only, Every second day, or selected group of days.

12V DC	DT712	01306025
24V DC	DT724	01306030

WEATHERPROOF SUNSET SWITCH

CABAC



- Easy mode & timer programming using internal dip switches
- Industry compatible form factor suitable for retrofitting to HPM base
- IP56 rated product for worry free outdoor installations
- Heavy-duty brass terminals
- Max. rated load 2400W (incandescent)
- 15 minute steps timer range, up to 15.75 hours (or day break)
- All required parts are supplied including glands and dip switch tool

HSC110SS 01306040

SINGLE MECH 1-30MIN TIMER

CABAC



Unique 2-in-1 energy-saving light switch that can be easily retrofitted to most installed lights.

- Supports Timer and No Timer modes of operation
- Blue LED indicates device status
- User programmable time-out period
- Programmable in 1 minute increments from 1 to 30 minutes
- Cancellation of the timer possible during operation
- Quick LED flashing within 10 seconds of time out provides expiry warning
- Compatible with HPM & Clipsal style wall plates

HNS410TM 01306045

ACCESSORIES

REMOTE CONTROL FOR WDA KIT

DOSS®



- Remote Control
- Power Supply 12V 27A
- Static Current: 10uA
- Transmit Current: 20mA
- Transmit Frequency: 433.92MHz ± 100kHz
- Transmit Distance: 100m (open area)

WDA-RC 01301026

BACK BOX MOUNT SUIT NAVIGATOR



- Suits both the Ness D8x/D16x Navigator Keypad (106-100) and the Ness M1 Navigator Keypad (101-502)

165-437 01301242

PROGRAMMING LEAD D8XD / D16XD



Serial cable for direct connect programming of the D8XD and D16XD with a PC and NessComms.

- Connects to the "serial" header on the D8XD or D16XD and to the serial port on a laptop or PC

450-246 01301248

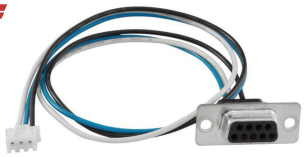
IP232 ETHERNET TO RS232 BRIDGE



Allows communication between Ethernet networks and serial devices.

101-244 01301600

PROGRAMMING LEAD

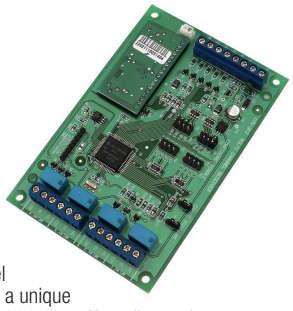


Serial cable for direct connect programming of the D8x and D16x with a PC and NessComms.

- Connects to the "serial" header on the D8x or D16x and to the serial port on a laptop or PC

450-185 01301604

MCR MULTICHANNEL RECEIVER



The Multi-Channel Receiver (MCR) is a unique high performance 303.875mHz radio receiver.

- Encrypted operation
- 8x Outputs: 4x Relays & 4x Open Collectors
- Supports up to 16 Ness transmitting devices
- Programmable Outputs: pulsed, toggle & latching

100-666 01301608

WIRELESS KEY & RADIO INTERFACE

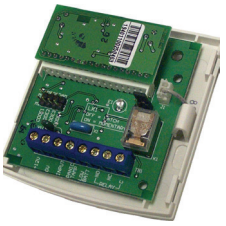


The Ness RK4 Radio Key & Radio Interface Kit provides wireless Arming, Disarming and Aux functions.

- Compatible with D8x/ D16x control panels Rev 4.0 and later
- Includes 1x 100-200 radio Interface, 2x RK4B Radio Keys

K-6009 01301611

1CH WIRELESS RADIO RECEIVER



The SCR+ is ideal for connecting to alarm panels which do not provide a wireless facility.

- Supports up to four transmitters
- Simple "Learn Mode" programming for radio devices
- 1x Relay output with selectable Toggle/Pulse
- 4x Open Collector outputs

106-179 01301612

RADIO REPEATER 304MHZ



Effectively increases the range of Ness 304MHz radio devices including Radio PIRs, Radio Panic, radio Smoke Detectors and Radio Reed Switches used with any Ness panel or receiver.

- 17V AC Plug pack and backup battery included

100-290 01301614

RK4 4-BUTTON RADIO KEYCHAIN



The RK4 radio key suits most Ness products including the D8, D16, R16 and more.

- Fully sealed and waterproof four channel radio key
- Includes a Lithium battery with an expected life of 10 years

106-167 01301617

RK3+1 RADIO KEYCHAIN



Waterproof 3 button Radio Key providing the convenience of radio remote control for arming/disarming your alarm system and wireless panic button operation.

- Ultra slim and fully waterproof radio key for use with the Ness Radio Interface
- Full 56bit Encrypted transmission
- Buttons - ON, OFF and PANIC
- 3V Lithium battery supplied

106-178 01301619

1-BUTTON RADIO PENDANT



Fully waterproof single channel pendant transmitter supplied with neck chain and wrist-strap. Compatible with all Ness receivers and radio-enabled control panels.

RK1B 01301620

REMOTE CONTROL RADIO RECEIVER



Supports all Ness radio devices, (encrypted and non-encrypted), including Ness radio Keys, radio Keypad, radio PIRs, radio emergency button, radio reed switches and radio smoke detectors.

- High sensitivity Superheat Receiver
- Supports up to 14 Ness 3 button wireless pendants
- Surface mount technology
- Frequency: 303.8MHz

100-200 01301621

RADIO CONTROLLED KEYPAD



The Ness RKP Radio Keypad is a wireless, battery operated keypad which provides remote control of arming, disarming, monitor (home) modes and panic facility. RKP is ideal for situations where full keypad functions are required and cables cannot be run. Up to 15 user codes can be programmed in the RKP with 14 individual IDs transmitted to compatible Ness panels.

- Portable – can be carried from room to room or kept in a vehicle
- Battery: 9V Lithium (Ultralife)

100-001 01301623

LCD KEYPAD ONLY



The Ness Security KPX LCD keypad is compatible with all current and past Ness Security D8x/D16x panel versions and also features additional options available when used with Ness D8x or Ness D16x panels.

- Supports up to 3 remote LED or LCD Keypads
- 15 user codes with ARM only feature
- Duress feature
- Quiet chirps on Arm / Disarm option
- Two button arming feature
- Fire Alarm feature with different siren tones
- Siren warning on arming with radio key

106-016 01301647

NAVIGATOR TOUCH LCD KEYPAD



Teamed with the feature-packed new D8x and D16x version 7 panels, Navigator provides both the user and the installer with unrivalled ease of use.

- Operating your Ness alarm system has never been easier!

106-100 01301633

PIR BRACKET SUITS NESS PIRS



Quantum bracket for wall or ceiling mounting of Quantum PIRs Swivel ball joint for huge range of vertical or horizontal positions.

- The swivel ball joint allows for a huge range of horizontal and vertical adjustment
- Cable entry is totally concealed within the bracket's body and into the detector

Q100-243 01303546

LUX RADIO PIR BRACKET



Elegant and compact ceiling mount bracket for Ness' LUX PIR.

106-169 01303559

GLASS BREAKAGE DETECTOR



Audio glassbreak detector with 9m range.

- High energy, low frequency sound pressure pulse detection
- For most types of glass

PAR135 01304520

SECURITY STICKER



Ness Window Security Sticker.

- Simply peel 'n' stick to the inside of your window
- Dimensions: 145(W) x 55(H)mm

BAS1060 01304702

CCTV SECURITY SIGN

DOSS



120mm yellow and black security sign made with acrylic.

- Prominent warning sign for CCTV or dummy surveillance applications
- Made by acrylic for durability
- Easy for installation and maintenance

SN120 01304703

CCTV VIDEO CAMERA SIGN

DOSS



210x280mm white and red security sign made with acrylic.

- Prominent warning sign for CCTV or dummy surveillance applications
- Made by acrylic for durability, outdoor weatherability and UV resistance
- Easy for installation and maintenance
- An ideal product for alerting people

SNA4 01304704

VIBRATION SENSOR

NESS



Award Winning adjustable vibration sensor with gold-plated contacts.

- Proven reliable detection of forced entry through windows, doors, walls, fences etc.
- Connects directly to the zone inputs on any Ness control panel

VIB500 01304901

BYO 3G SIM GSM DIALLER

NESS



Ness 106-249 GSM Dialler provides a full time 3G GSM pathway for alarm diallers to communicate in the absence of a land line.

- Plug-and-go operation – no programming required
- Requires a 3G compatible GSM SIM card (not supplied)
- LCD status display
- Inbuilt battery backup time max. 2-3hrs

106-249 01306005

24V DIALLER INTERFACE

NIDAC



The DRI24 allows for 24V DC power sources to be used with either DT1 or DT6I diallers and provides 2 relay outputs for the NIDAC DT6I.

- Relay Contacts: 30 Volts AC/DC, 5Amps, SPDT
- Connections: 14 screw terminals & 10-Pin IDC socket
- Dimensions: 104x72x27mm, wire lead length 300mm

DRI24 01306035

FLASHING STROBE LIGHT



High intensity flashing strobe, suitable for intermittent use as in security systems. Weather proof suitable for outdoor use.

- Power: 12V DC
- Input Current: 180mA @ 12V DC
- Dimension: Ø76 x 49(H)mm
- Mounting bolt spacing: 55mm

●	TK30B	01306501
●	TK30R	01306505
●	TK30Y	01306509

SECURITY PRESSURE MAT / PAD



Floor pressure mats are designed to detect a person treading on them.

- High impact PVC material
- Trapped air cushion
- Size: 800x540mm

PM100 01308066

SMOKE ALARMS

12V AUTO RESET PHOTO ELECTRIC

NESS



12V Smoke Alarm/ Detector.

- Auto-resetting, photo-electric
- Built-in sounder for local indication of alarm
- Changeover relay for N.O. or N.C. operation.

100-034 01307515

RADIO SMOKE ALARM / DETECTOR

NESS



Wireless Radio smoke alarm detector.

- A single 9V battery powers the smoke detector and the transmitter
- The RSM smoke detector is a photoelectric wireless radio smoke detector for use with the Ness radio interface

106-040 01307520

9V PHOTOELECTRIC SMOKE ALARM

PSA



Photoelectric sensor suitable for slow smouldering fires.

- Insect screen on the sensing chamber
- Low profile design (100mm diameter)
- Red led light for alarm indication and testing
- Easy twist on twist off installation
- Complies & Approved to Australian Standard AS3786
- Loud 85dB alarm

LIFPE9M 01307548

240V PHOTOELECTRIC SMOKE ALARM

PSA



240V AC mains powered photoelectric smoke alarm with rechargeable lithium back-up.

- Photoelectric sensing technology
- 10 year rechargeable lithium back-up battery
- Up to 24 units can be interconnected together
- Approved to AS3786:2014 & SAI listed
- Australian design & patented

LIF5800RL/2 01307554

PHOTOELECTRIC SMOKE DETECTOR



Dustproof, anti light interference and visible smoke detecting.

- Operating Voltage: 12V DC
- Standard Current under 5mA
- Alarm Current under 35mA
- 20m² Detecting Range
- LED Frequency: 32 sec/time
- LED on and Relay for Output
- Dimension: 110mm(D) x 60mm(H)

530 01307555

GAS LEAK DETECTOR



Gas leak detector (FCC approved).

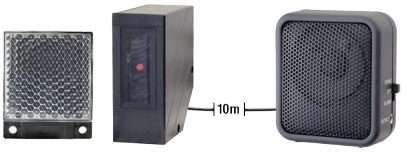
- Coal and natural gas detector
- Low current gas sensitivity
- Alarm Mode: Flash & Sound Alarm / Network alarm signal
- Operating Voltage: 12V DC
- 8% LEL Resuming Density
- Buzzer level more than 70dB/m
- 15% LEL Alarm Density

	540	01307560

SECURITY BEAMS

SECURITY DOOR BEAM & CHIME

TECHview



Detects visitors, customers and intruders passing through various points of entry.

- Transmits an invisible IR beam
- Simple D.I.Y. installation
- Warning buzzer
- AC/DC 9V Adaptor (included)

	DES700	01301656
Extension speaker only	SPK200	01301658

COUNTER TO SUIT DES700 DEA7WL2

TECHview



Counter to suit NIR100SA Retro-Reflective Photoelectric Sensor Entry Alert System.

- Automatically tracks how often the E-931CS22RRC is triggered
- Push buttons to manually add to or subtract from counter, or to reset to zero
- Plugs into speaker - no wiring needed
- Other applications: offices, schools, warehouse, vehicle detection, etc.

	DC500	01301657

WIRELESS DOOR/BEAM ENTRY ALARM

DOSS



For monitoring a driveway or use as an entrance indicator.

- Up to 100m wireless range
- Each speaker has 5 sensors
- Weatherproof photoelectric beam sensor

	DEA7WL2	01301665

EXTENSION SPEAKER FOR DEA7WL2

DOSS



There is no restriction on the number of wireless speakers that you can add to a DEA7WL system.

- Transmission distance is a maximum of 100m

	SPK300	01301664

DUAL BEAM PHOTOELECTRIC SENSOR



Wired/BUS compatible.

- 8 sections digital frequency conversion
- Unique displacement receiving, strong power digital filter
- Intelligent power transmission, intelligent anti-fog
- Digital display BUS address, signal strength and working frequency
- Protection range up to 90~180m (Indoor)/30~60m (Outdoor)

	DBPC946B	01301666

CAR ALARMS

KITS

REVERSE SENSOR KIT

VISION





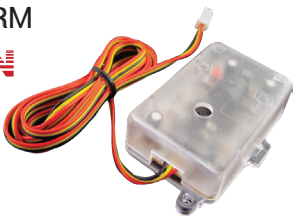
- Parking sensor kit with 4 Sensor system
- Available in black, raw (for painting) or use colour matching service (included in price)
- LC-2 Display also available (optional)
- High and low volume switching on beeper

	PSBZIBI84	01261410

DETECTORS

SHOCK DETECTOR FOR CAR ALARM

VISION



Single stage shock sensor is the simplest way to detect physical impact against the car.

- Electro mechanical activation
- Vibration Protection
- Trigger status indicator
- Temperature compensative circuitry
- Sensitivity Adjustment

	SEN002	01262518

ACCESS CONTROL

BLUETOOTH GATE OR DOOR OPENER

OMGATE



A Bluetooth-enabled device, managed by a dedicated mobile App for remote opening of electronic gates.

- Ideal for both residential and commercial gates
- Control multiple gates in the same location or up to 20 locations overall with the Omgate App
- Free iOS & Android App
- NEW feature provides adjustable timer for lock opening

	OMGATEPLUS	01302197

SINGLE DOOR ACCESS CONTROLLER

Presco



Presco single door access controller.

- 600 user codes
- 10 Keypads or Readers can be connected
- Split system for maximum security
- Heavy-duty relay contact for door control
- 12-24V DC or 16-24V AC
- Non-volatile memory will store all information for 10 years without power
- Management code facility

	PAC1	01302200

TWO DOOR ACCESS CONTROLLER

Presco



Presco two door access controller.

- 800 user codes
- 10 Readers can be connected
- Split system for maximum security
- Heavy-duty relay contact for door control
- 12-24V DC or 16-24V AC
- Non-volatile memory will store all information for 10 years without power
- Programmers code facility

	PAC2	01302205

DOOR ACCESS EVENT LOGGER



The Presco™ Event Logger makes programming multiple Presco™ door access controllers a breeze.

- USB 2.0 interface to your computer
- Stores 5,000 events and 800 users details
- Up to 8 Presco™ PAC Controllers can be monitored simultaneously giving control of up to 16 doors
- Events are stored with a time and date stamp
- 12 Volt DC operation
- PC software supplied for Windows Vista, 7 & 8.1

PEL1 01302206

12-24V PROXIMITY RFID READER



Presco™ PRO2410 proximity reader.

- 12-24V
- Outputs Wiegand & Presco™ formats

PRO2410 01302210

CLAM SHELL PROXIMITY CARD READ ONLY



Presco™ Clamshell proximity card.

- Presco™ / Wiegand format
- Read only

PRXCRD 01302212

WEIGAND FORMAT PROX. KEY TAG



- Read only
- Presco™ / Wiegand format

PRXKEY 01302214

HEAVY-DUTY KEY TAG TEAR DROP



Presco™ proximity key tag.

- Heavy-duty
- Read only
- Presco™ / Wiegand format

PRXKEYHD 01302215

INDOOR ACCESS CONTROL KEYPAD



Presco™ PSK16 standard keypad.

- Compatible with PAC series controllers
- Over 19 million possible codes
- Audible and visual confirmation of all actions
- Sealed tactile buttons
- 36 Month Manufacturer's Warranty

PSK16 01302220

VR SERIES KEYPAD



- Suits indoor / outdoor installations
- Durable and stylish satin-chrome
- 8-26V DC operation
- Outputs both Wiegand and Presco™ data
- Compatible with Presco™ controllers

VR43 01302225

VR SERIES KEYPAD NARROW MOUNT



Presco™ VR series keypad.

- Suits indoor/outdoor installations
- Durable and stylish satin-chrome
- 8-26V DC operation
- Outputs both Wiegand and Presco™ data
- Compatible with Presco™ controllers

VR62 01302230

TOUCH KEYPAD & RFID PROX. READER



Presco™ PTKR touch keypad and proximity reader.

- Touch sensitive blue backlit keys
- Compatible with Presco PAC series door controllers
- Suitable for Indoor or outdoor use
- Outputs Presco™ and Wiegand format
- Audible and Visual confirmation of all actions

PTKR 01302235

PAC1 STANDARD CONTROL SYSTEM



- 1x PAC1 Single Door Controller
- 1x PTKR Touch Keypad & RFID Prox. Reader
- 10x Proximity Cards (Pre-programmed)

PRESCOKIT9 01302260

STAND ALONE KEYPAD RFID READER



KPAC230 stand alone Keypad RFID reader.

- Surface mount with Backlight
- Vandal & Weather Resistant
- 12/24V DC
- 2 Door Access Control with individual relay outputs
- 2 EGRESS Door inputs
- Over 1010 User Entries
- Supports EM Standard Proximity cards

KPAC230 01302240

STAND ALONE KEYPAD RFID READER



KPAC240 stand alone Keypad RFID reader.

- Slim design Surface mount with Backlight
- Vandal & Weather Resistant
- 12/24V DC
- 2 Door Access Control with individual relay outputs
- 2 EGRESS Door inputs
- Over 1010 User Entries
- Supports EM Standard Proximity cards

KPAC240 01302245

STAND ALONE ACCESS CONTROL KIT



- 1x GK310 Door Strike
- 1x VST43 Stand Alone Rugged Keypad
- 1x 12V DC 1.5A adaptor

PRESCOKIT7 01302256

SURFACE MOUNT ELECTRIC STRIKE

GEM



Gem surface mount electric strike.

- 12V DC
- Internally mounted solenoid
- Field selectable fail-safe / fail-secure
- Keeper width 45mm
- Accommodates 15mm latch throw
- Use with cylindrical and mortise locksets without deadbolt

GK350 21810125

INTERCOMS

AUDIO INTERCOMS

FLUSH MOUNT DOOR STATION

AIPHONE



Flush mount with stainless steel cover.

- Green LED to locate in the dark
- Handsfree comm. at door station
- For IE Intercom Series
- Includes mounting hardware
- Size: 116(W) x 115(H) x 40(D)mm

IEJA 21810215

IE-JA SURFACE MOUNT ADAPTOR

AIPHONE



Suits IE-JA Aiphone.

- The enclosure is weather resistant and includes space inside for wiring
- Mounts to a 1-gang box or ring, or mounts directly to a wall surface
- Suits LEFA, LEDA, IESS, IEJA, NESS, and NEJA

SBX2GA 21810218

STAINLESS STEEL DOOR STATION

AIPHONE



IESS vandal proof flush mount door station.

- Vandal and weather resistant
- Stainless steel, mechanical call button
- Hands-free communication when master answers
- Used for: IE-1AD, IE-1GD, IE-2AD, IE-2AD, IE-8MD, KB, TD-H/B, IP-EWST and TC-M Audio

IESSA 21810225

INTERNAL AUDIO INTERCOM KIT

AIPHONE



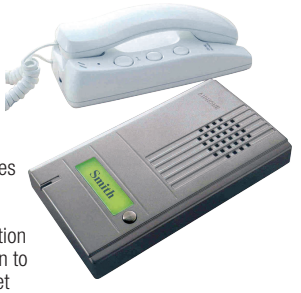
DIY kit in attractive blister pack. Easy to install. Replaces existing bell press and chime.

- Telephone type, simultaneous communication
- Electronic tone calling
- Fast installation
- LED indicator for checking battery life
- Includes mounting hardware
- Distance: 700m w/0.65mm diameter cable
- Power: 6V DC 150mA or 4x "AA" batteries

AT406 21810278

EXTERNAL AUDIO INTERCOM KIT

AIPHONE



Aiphone's DA series residential audio intercom provides audio communication from a door station to an internal handset station. The DA Series features simple two wire cabling, AC operation by inexpensive plug pack and AC door release operation.

- Connect Electric Door Release with same two wires from door station
- Existing doorbell or chime wires can be utilised
- Master station is equipped with Door Release and one Function button
- Optional call extension sounder
- Power Source: AC 15V, supplied from Power Supply
- Calling: Electronic tone (while the button is depressed)
- Communication: Simultaneous with handset

DA1AS 21810280

MASTER STATION HANDSET

AIPHONE



Simplified Two-Wire Door Entry Kit.

- Connect Electric Door Release with same two wires from door station
- Existing doorbell or chime wires can be utilised
- Master station is equipped with Door Release and one Function button
- Optional call extension sounder
- Power Source: AC 15V, supplied from Power Supply
- Calling: Electronic tone (while the button is depressed)

DA1MD 21810285

MOUNTING PLATE FOR DA SERIES

AIPHONE



Mounting plate for DA series door stations.

DAWP 21810287

SURFACE MOUNT EXTERNAL DOOR STATION

AIPHONE



- Connect Electric Door Release with same two wires from door station
- Existing doorbell or chime wires can be utilised
- Master station is equipped with Door Release and one Function button
- Optional call extension sounder
- Power Source: AC 15V, supplied from Power Supply
- Calling: Electronic tone (while the button is depressed)

4-call DA4DS 21810290

1 CALL SURFACE MOUNT - SILVER

AIPHONE



Simplified Two-Wire Door Entry station.

- Suits DA-1MD / DB-1MD
- Existing doorbell or chime wires can be utilised
- Master station is equipped with Door Release and one Function button
- Optional call extension sounder for master
- Power Source: AC 15V, supplied from Power Supply
- Calling: Electronic tone (while the button is depressed)

DA1DS 21810302

AUDIO HANDSFREE INTERCOM KIT

AIPHONE



Simplified Two-Wire Door Entry Kit.

- Connect up to 4 additional sub stations
- Chime tone calling
- All call between internal stations
- Connect Electric Door Release with two wires from door station
- Existing doorbell or chime wires can be utilised
- Internal stations are equipped with Door Release and one function button
- Optional call extension sounder

DBS1A 21810310

DB SERIES HANDSFREE INTERCOM STATION

AIPHONE®



- Connect up to 4 additional sub stations to the master
- Chime tone calling
- All call between internal stations
- Connect Electric Door Release with two wires from door station
- Existing doorbell or chime wires can be utilised
- Internal stations are equipped with Door Release and one function button
- Optional call extension sounder

Master	DB1MD	21810315
Sub-station	DB1SD	21810320

OPEN VOICE DOOR INTERCOM KIT

AIPHONE®



DO-IT-YOURSELF KIT. Easy to install replaces existing bell press and chime.

- Press-to-talk loudspeaking at room station
- Call-in by 2-stroke electronic chime
- Timer shuts off system after 15 secs of no use
- Door release button
- Communication volume control
- Distance: 75m w/0.65mm dia. cable
- Power: 6V DC 85mA or 4x “C” batteries

	C123LA	21810340

DOOR STATION ADAPTOR

AIPHONE®



Includes Door release control relay output and Call Tone Selector Switch. Used with TD series.

- One required for each door station
- Maximum 2 door stations per system
- Size: 160(W) x 150(H) x 45(D)mm
- Accepts either IE series or MYDA door stations

	DEUR	21810355

IE SERIES CHIME HANDSET INTERCOM

AIPHONE®



The Chime Tone Intercom room system is capable of a maximum of three room stations and two door stations.

- Slim, compact body design
- Simultaneous communication
- 4-stroke chime and LED for door station call-in
- Transfer of door station call to another room
- Door release button
- Adjustable chime volume
- Includes mounting hardware

Master only	1-door		IE1ADU	21810416
Sub-station	1-door		IEH1CD	21810426
Master	1-door	3-room	IE1GDU	21810422
Master	1-door	3-room	IE2ADU	21810424
Master	2-door	3-room	IE2A2D	21810428
Sub-station	2-door		IEH1C2D	21810430

INTERCOM EXTENSION SPEAKER

AIPHONE®



The IER2 is a call extension speaker unit for use with IE1ADU and IC, IE series.

- Announces a call from sub (or door) station in a place remote from master station
- One call extension per system
- Tone volume switch
- Reply from IER2 not available
- Mounting Hardware included
- Size: 88(W) x 120(H) x 29(D)mm

	IER2	21810451

LEM/LEF HANDSFREE INTERCOM SLAVE

AIPHONE®



- Loudspeaker Type Intercom Surface-mount slim design sub station for LEM/LEF Masters
- For wall or desk mount
- Hands free remote reply
- Note: the LEA3 and LEA3N sub stations are not suitable for use with the LEM master stations

1-call	LEA	21810501
1-call with privacy	LEAN	21810533

LEF SERIES DOOR STATION

AIPHONE®



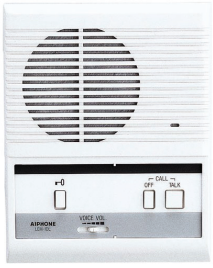
Hands-free communication at door station, controlled by master station.

- Press-to-talk operation

Weather resistant plastic	LED	21810565
Stainless steel	LEDA	21810571

LEM LOUD SPEAKING INTERCOM

AIPHONE®



The Aiphone LEM intercom provides loud speaking communications. There are three types of master stations available in the LEM range; two single call models and a three call model.

- All Aiphone LEM stations are designed for wall mounting; desk mounting is possible

1-door	1-call	LEM1DL	21810625
	1-call	LEM1	21810630
	3-call	LEM3	21810646

LEF LOUD SPEAKING INTERCOM

AIPHONE®



The Aiphone LEF intercom provides loud speaking communications. There are four types of master station available in the LEF range. A three call through to the ten call model. The LEF system enables communications between all stations in the system as well as communication with up to ten door stations.

- Ideally suited to car park and vehicle entrances
- Also suitable for residential applications which require audio communications to many locations
- Designed for wall mounting; desk mount kits are available as an option if required
- Five and ten call master stations have a door release switch to operate an electric door strike

3-call	LEF3	21810668
5-call	LEF5	21810679
10-call	LEF10	21810692
10-call w/All call	LEF10S	21810697

LEFC SEMI FLUSH MOUNT LOUD SPEAKING INTERCOM

AIPHONE®



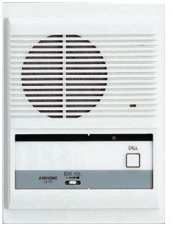
The Aiphone LEFC intercom provides loud speaking communications. There are four types of master station available in the LEFC range which are all designed to be semi-flush mounted.

- A single call through to a ten call model is available in the range
- The LEFC system enables communications between all stations in the system as well as communication with up to ten door stations
- All Call & Background music with the addition of a BG10C background music adaptor
- Designed for wall mounting only
- The five and ten call master stations have a door release switch to operate an electric door strike

3-call + All call	LEF3C	21810705
5-call + All call	LEF5C	21810707
10-call + All call	LEF10C	21810709

AUDIO INTERCOM PRIVACY SLAVE

AIPHONE®



LEFC Sub Station with music receive and music volume

- 1-call
- For use with LEFC Master stations

	LECN	21810717

HANDSFREE AUDIO INTERCOM

AIPHONE®



Sub Master with all call button.

- Selective open voice communication with music option
- Sub master for Aiphone LEFC series

1-call + All call	LEF1C	21810719

MPS MID POWER INTERCOM

AIPHONE®



The Aiphone MPS mid power intercom is designed for sites that require a loud speaking intercom system with more volume. The MPS mid power intercom has a power output of 2.5 watts. The MPS master stations can be connected to 8Ω horn speakers, ceiling sub stations or desk mount sub stations.

Master	3-call	MP3S	21810817
Sub-station	1-Call	AS3A	21810820

TDH SERIES AUDIO INTERCOMS

AIPHONE®



The Aiphone TDH intercom system provides handset type communications. There are five types of master station available in the TDH range. A single call TD1HB through to the twenty four call TD24HB model. The TDH system enables communications between all handsets in the system (depending on configuration) as well as communication with up to two door stations.

1-call	TD1HB	21811025
3-call	TD3HB	21811041
6-call	TD6HB	21811057
12-call	TD12HB	21811073
24-call	TD24HB	21811137

2 STATION WIRED INTERCOM



One master to one slave wired intercom.

- Master station with On/Off and Call/ Talk button and volume control
- Operating distance up to 1000 metres
- With connecting cable and mounting staples
- Power: 1x 9V battery or optional plug pack

	MIC404	21815105

VCM AUDIO APARTMENT SYSTEM

AIPHONE®



The Aiphone VCM Audio apartment system is a cost effective solution when only audio is required in an apartment block. The VCM system will enable a single entrance to call up to fifty eight apartment stations. The apartment stations are handset type and two handsets can be installed in an apartment if required.

- Flush mount aluminium construction and surface mounting hardware
- Six VCM entrance panels and two add-on switch panels
- Master panels and Switch panels can be installed together to enable larger entrance stations
- All entrance stations are weather resistant and are designed to last in the Australian climate and are covered by a 3 year warranty

Apartment handset		VCK	21811249
Master	6-call	VC6M	21811285

AIPHONE PAGING ADAPTOR

AIPHONE



Talkback, 1-zone paging adaptor for TD-H and TD-Z systems.

- Zone page
- Talk back adaptor

	PD2	21811145

WIRELESS AUDIO ONLY INTERCOM

HPM



Wireless audio only intercom – Easy DIY wireless installation, surface mounted.

- Transmission range up to 80m
- Rain hood protection for outdoor unit
- Backlit name plate lights up when the call button is activated
- Frequency: 2.4MHz

	D651	21815120

2-CHANNEL WIRELESS INTERCOM

LELUX



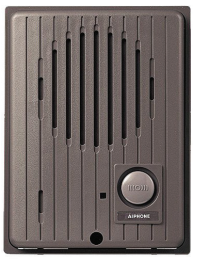
Intercom over AC Mains – Plugs into a 240V power point and will send to another room.

- No wiring or installation necessary – your voice is transmitted over your AC line!
- Push to talk – Release to listen
- Lock button for continuous transmission/monitoring
- LEDs for power and in-use indication
- FM wireless transmission
- 2-Channels
- Sold as a pair

	721	21815135

PLASTIC SURFACE MOUNT DOOR STATION

AIPHONE®



Audio door station with single-gang surface mount.

- Weather resistant audio door station
- Surface mount
- Hands free communication
- ABS plastic
- Call button rings chime or tone at inside station

	Suits GT Series	GTD	21816398
●	Suits IE Series	IFDA	21817560

TCM TELEPHONE AUDIO INTERCOMS

AIPHONE



Designed for commercial applications where an Audio type master station with a handset is required to communicate with remote handset style substations. This system is ideal for schools where communication is required between the main office and the classrooms. The handset allows a private communication to be held with the sub stations.

- Expandable to up to sixty handset substations
- Handset operation for privacy
- Easy operation
- Expandable to two master stations
- Desk or wall mounting
- Simple wiring only requires two wires from each substation back to master

10-call	Master	TC10M	21817705
20-call	Master	TC20M	21817708
20-call	Add-on	TC20G	21817711
	Sub-station	TBSE	21817720
	10-Door adaptor	TBAD10	21817723

AUDIO ONLY MASTER STATION

iCentral Intelligent Central Systems



- Traditional size ideal for retrofits
- Expandable up to 20 room and door stations
- AM/FM Radio with clock
- Child Monitoring function
- Hands free reply from all stations
- Music On/Off function
- Selective room calling to individual stations or groups of stations

100-928 S1M	21818013

ROOM STATION – M200 SERIES

iCentral Intelligent Central Systems



- Recessed or surface mount options
- Fascias sold separately
- Compatible with all System One 2000 series masters and door stations
- Selective room calling to individual stations or groups of stations

Recessed	100-934 R200R	21818040
Surface mount	100-935 R200S	21818042

M200 SERIES AUDIO DOOR STATION

iCentral Intelligent Central Systems



- Recess mounting
- Compatible with all System One 2000 series masters
- Available in Bronze or Silver

	100-936 D200AB	21818016
	100-937 D200AS	21818018

BLACK DESKTOP STATION

iCentral Intelligent Central Systems



iCentral 100-940 K200 Desk top room station.

- Perfect for offices, garages, workbenches or anywhere you need a room station without wall mounting

100-940 K200	21818044

VIDEO INTERCOMS

1.9GHZ WIRELESS VIDEO INTERCOM

AIPHONE



Wire free, hassle free Video intercom.

- 1.9GHz Dect
- No wiring required
- Automatic recording
- Rechargeable Handset
- 2.4" TFT colour LCD monitor
- 3 Year Warranty

WL11	21810775

MARINE GRADE PANEL

AIPHONE



Suit: JO-DVF and JP-DVF entrance stations.

- Marine Grade Stainless Steel
- Supplied with back box

with AC10U Access Control pad	JXDVFAC	21810721
	JXDVF	21810726

SURFACE MOUNT ENTRANCE STATION

AIPHONE



Replacement door station for JOS1V kit.

- Vandal proof surface mount door station

JODV	21810722

JO-1 SERIES VIDEO INTERCOM

AIPHONE



The JO Series features a large 7" screen monitor for clear visitor identification and easy operation control.

- 7" wide screen
- Hands-free communication
- Backlight compensation by screen brightness control button
- Visual monitoring with audio is available
- Full colour video in low light situations (even at night) without external illumination.
- White LED illumination turns on in low-light conditions
- Vandal resistant video door stations available

Spare plastic door station	JODA	21810723
Expansion station	JO1FD	21810730
Kit w/Plastic surface mount	JOS1A	21810732
Kit w/Vandal-resistant flush	JOS1F	21810734
Kit w/Metal surface mount	JOS1V	21810736

JF SERIES DOOR STATION

AIPHONE

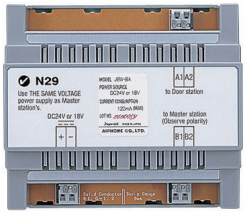


There are three video door stations available for use with the Aiphone JF series video intercom systems. All models are weather resistant, are designed for outdoor use and are covered by a two year warranty.

Vandal-resistant surface	JFDV	21816106
Vandal-resistant flush	JFDVF	21816107
Plastic surface	JFDA	21816108

INTERCOM LONG DISTANCE ADAPTOR

AIPHONE

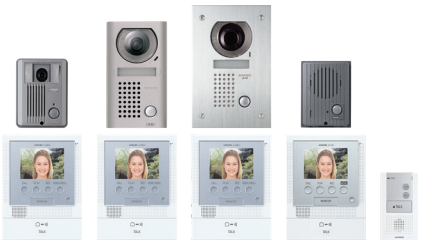


- Suits JF, JB, JA & KC series intercoms
- Required when door station is over 100m from master
- Extends up to 300m

JBWBA	21816121

JF-2 SERIES VIDEO INTERCOM

AIPHONE



For residential and commercial applications where a colour hands free intercom system is required. The JF2MED enables up to two video door stations and up to a total of three internal room stations, all with the hands free communications feature.

- Digital picture memory comes standard
- Colour video LCD room stations
- Internal communications between room stations
- Video and audio monitoring of the door station

JF-2MED + JF-DA	JFS2AED	21816113
JF-2MED + JF-DV	JFS2AEDV	21816114
JF-2MED + JF-DVF	JFS2AEDF	21816115
Video sub-station	JF2HD	21816117
Audio sub-station	JF2SD	21816120
Audio door station	JFD	21816135

DV SERIES ACCESS CONTROL KEYPAD

AIPHONE



Aiphone have released a range of competitively priced and well featured stand alone access control keypads.

- Up to 100 user codes (#1 relay: 60, #2 relay: 40)
- 4, 5 or 6 digits user code length
- 2x relays (both have N/O and N/C connections)
- Key pad illumination
- Keypad lockout function
- Anti-tailgate function
- One push door release with external timer connection

Surface mount	AC10S	21816122
Flush mount	AC10F	21816124
Keypad assembly only	AC10U	21816125

MASTER VIDEO MONITOR STATION

AIPHONE



Handsfree Video Master Station with Picture Memory.

- 3.5" LCD screen
- Picture memory: max. 50 calls (8 images per call)
- Simple 2-wire door release
- Records internal voice memo and outgoing message for playback
- External sensor input

JF2MED 21816128

30 DEGREE ANGLE BOX

AIPHONE



30° angled box for camera mount.

KAWD 21816130

JK SERIES VIDEO INTERCOM WITH PTZ

AIPHONE



For residential and commercial applications where a colour hands free intercom system is required. Enables a single video door station with Panoramic View and up to a total of two internal room stations, all with feature hands free communications.

- Digital Pan/Tilt and Zoom
- 170° wide angle viewing
- Internal Communication
- Digital backlight compensation
- Camera angle preset (no longer need angle box for door station)
- Long distance adaptor upgradeable
- Digital picture memory (with the JK1MED)

JK-1MED + JK-DA	JKS1AED	21816156
JK-1MED + JK-DV	JKS1AEDV	21816158
JK-1MED + JK-DVF	JKS1AEDF	21816160
Audio sub-station	JK1SD	21816162
Video sub-station	JK1HD	21816164

IP ADAPTOR FOR JK SERIES VIDEO

AIPHONE



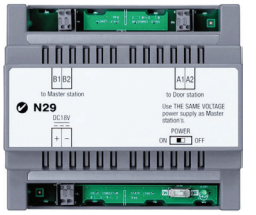
The JKWIP adaptor allows a JK system to connect to a local or remote PC. Through the easy to use software the user can then have full control of the JK system as if they were at the master station.

- Ability to record images or video from the door station directly to your hard drive
- Communicate with visitors even when not on the premises
- Remotely release the door to allow access

JKWIP 21816166

LONG DISTANCE ADAPTOR

AIPHONE



Door to Master long distance adaptor.

- Max. 300m Master/Sub to door
- 200m from Door to Adaptor, 100m Adaptor to Master
- Voltage: 18V DC
- Use PE (Polyethylene Insulated) cable

JKWBA 21816170

JK SERIES DOOR STATIONS

AIPHONE



For use with the Aiphone JK series video intercom systems. All door stations have a very wide viewing angle of 170°.

Surface mount	JKDV	21816172
Flush mount	JKDVF	21816174
Flush mount w/keypad	JKDVFAC	21816175

STAINLESS STEEL PLATE FOR ACCESS CONTROL

AIPHONE



Aftermarket Stainless Steel Plate.

- Suits Aiphone JODVF and JKDVF door stations
- Suits Aiphone AC10U access control Keypad
- Requires 1x GF3B Back Box & AC10U
- Plate Dimensions: 315(L) x 140(W)mm

JKACSSFP 21816181

SPARE SURFACE MOUNT CCD CAMERA

DOSS



Spare monitor to suit the DHF52PC handsfree audio/ video intercom system.

- CCD Surface mount camera
- 6 IR LEDs for night viewing
- Image angle about 53°
- Dimensions: 127(H) x 95(W) x 35(D)mm

DSPC72 21816217

SPARE MONITOR FOR DHF72PC

DOSS



Spare monitor for expanding the DHF72PC video intercom.

- Up to 3 monitors can be connected
- High resolution 800x600 pixels
- Capacitive touch panel
- Slim and stylish design

	DHF72SM	21816227

7" VIDEO HANDSFREE INTERCOM

DOSS



- Coloured touch screen
- CMOS camera
- UP to 2 door stations and 2 monitors

	DHF72C	21816230
Spare camera	DSC72	21816232

7" MONITOR WITH PHOTO MEMORY

FUTURO



- Photo Recording and Playback
- Baby Monitoring feature that helps you monitor your baby (Audio only)
- Intercommunication allows you to call other monitors in private or paging mode
- Maximum number of monitor connections is 4 using Futuro-CPU4
- Monitor comes in black or white finish

●	SD4BK	21816370
○	SD4WH	21816372

SURFACE OR FLUSH MOUNT CAMERAS

FUTURO



Door station to suit SD4/SD4B.

- Latest CCD Technology to offer sharp & clear image
- White LEDs for night vision
- Weather resistance for Australian conditions (Rated IP54)

Surface mount	CZ4	21816384
Flush mount	CP4	21816386

JP SERIES 7" TOUCHSCREEN VIDEO INTERCOM

AIPHONE



The JP Series features a 7" touchscreen for system navigation, door release, and viewing visitors on the large display.

- Same features as JM Series with Digital PTZ

JP4MED + JPDA	JPS4AED	21816404
JP4MED + JPDV	JPS4AEDV	21816408
JP4MED + JPDVF	JPS4AEDF	21816412
JP-4MED Master station	JP4MED	21816424
JP4-HDJP Sub station	JP4HD	21816428

FLUSH S/S VANDAL RESISTANT

AIPHONE



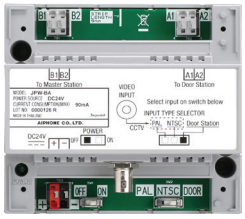
The JPDVFL is a Vandal Resistant S/Steel flush mount entrance station with Pan Tilt and Zoom for the Visual and Hearing impaired.

- Max 4 can be added to JM4MED master
- Visual guides
- Audio guides
- Stainless Steel front
- Includes Back Box

Door station w/visual	JPDVFL	21816432

LONG DISTANCE DOOR ADAPTOR

AIPHONE



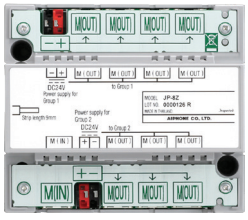
Aiphone JPWBA Long distance door adaptor for JP series intercom.

- Max. 300m from door to Master (JP4MED)
- Max. 600m distance between door and farthest sub station (JP4HD)
- Integrate PAL CCTV camera
- Audio door station option

	JPWBA	21816438

VIDEO SPLITTER FOR STAR WIRING

AIPHONE



Aiphone JP series video splitter.

- Central wiring (Home Run) adapter
- Can be combined with station to station wiring
- 24V DC
- Wall mountable

	JP8Z	21816444

PLASTIC SURFACE MOUNT VIDEO

AIPHONE



Plastic surface mount Video entrance station.

- Weather resistant
- Suits JP series

	JPDA	21816450

VANDAL RESISTANT SURFACE MOUNT

AIPHONE



Metal Surface mount Video entrance station.

- Vandal resistant
- Weather resistant
- Suits JP series

	JPDV	21816454

STAINLESS STEEL FLUSH MOUNT

AIPHONE



Flush mount Video entrance station.

- Stainless Steel
- Back Box supplied
- Weather Resistant
- Suits JP series

	JPDVF	21816458

EMBELLISHER FOR HANDSET

AIPHONE



Turn your JP monitor totally hands free.

- Allows removal of JP handset
- White & Mirror plates

	JPEC	21816551

M250 VIDEO MASTER STATION

iCentral
Intelligent Central Systems



A great replacement for traditional Valet intercom master stations.

- Includes video intercom features
- Distributed audio in via AUX in (for music from iPhones etc.), FM radio and digital radio

	106-911	21818002

SYSTEM ONE SERIES COMPACT VIDEO STATION

iCentral Intelligent Central Systems



- AM/FM Radio
- Compatible with all System One door and room stations
- 5.6" TFT LCD display with on screen GUI
- 3x video inputs
- Dual programmable outputs for automation
- Aux music input
- Video output for additional master

○		M200CW	21818005
●		M200CI	21818007
○	with DAB+ radio	M200CWD	21818009

VIDEO MASTER STATION

iCentral Intelligent Central Systems



- Colour: White
- AM/FM Radio
- Traditional size ideal for retrofitting earlier models
- Compatible with all iCentral System One door and room stations
- 5.6" TFT LCD display with on screen GUI
- Fully programmable via GUI
- 3 video inputs for video door stations, CCTV cameras or TV inputs

100-932 M250	21818011

M200 SERIES VIDEO DOOR STATION

iCentral Intelligent Central Systems



- Recess mounting
- Compatible with all system one 2000 series masters
- Available in Bronze or Silver

●	100-938 D200VB	21818020
●	100-939 D200VS	21818022

ALLOY VIDEO DOOR STATION

iCentral Intelligent Central Systems



- Zinc alloy finish
- With Camera
- Surface Mount, or recess using 100-978 flush plate
- Compatible with all System One 200 Series Masters and Room Stations

100-977	21818024

MULTI APARTMENT INTERCOMS

GF/GH/GT SERIES MOUNTING OPTIONS

AIPHONE®



The basis of the Aiphone module entrance panels are the mounting boxes and frames.

- Available as flush mount and surface mount
- Rain hoods available for flush mount and standard on all surface mount boxes
- Several module arrangements possible, single-wide, 2x wide and 3x wide
- Flush mount frames require back box
- Surface mount boxes require flush frames

2-module	Flush frame	GF2F	21816509
2-module	Back box	GF2B	21816510
3-module	Flush frame	GF3F	21816518
3-module	Back box	GF3B	21816519
3-module	Flush hood	GT103H	21816606
4-module	Flush rain hood	GT104H	21816607
2-module	Surface mount	GT102HB	21816612
3-module	Surface mount	GT103HB	21816622
2x 2-module	Surface mount	GT202HB	21816624
4-module	Surface mount	GT104HB	21816626
4-module	Flush frame	GT4F	21816646
4-module	Back box	GT4B	21816648

CALL BUTTON PANEL FOR GH/GT SERIES

AIPHONE®



Call button panel for GH / GT series intercom; requires one GHSW switch module.

GH/GT	3-call panel	GF3P	21816513
GH/GT	4-call panel	GF4P	21816517
GH/GT	1-call panel	GF1P	21816532
GH/GT	2-call panel	GF2P	21816533
GT	Switch module	GTSW	21816640

ACCESS CONTROL KEYPAD

AIPHONE®



The GT-AC is an access keypad module for the GT multi-tenant entry panels.

- Holds up to 100 codes for access
- 2 dry contact relays
- N/O dry contact for door release
- N/C dry contact for mag lock activation

GTAC	21816525

KEYPAD PANEL FOR GH/GT SERIES

AIPHONE®

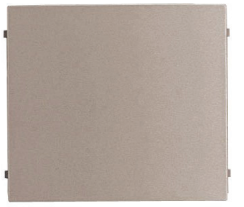


- Suits GH-10K / GF-10K / GT-10K
- Requires Aiphone GT-NS name scroll module

GT	Keypad panel	GF10KP	21816527
GT	Keypad module	GT10K	21816636

BLANK PANEL FOR GH/GT SERIES

AIPHONE®



- Suits GF, GH and GT series
- Used in GF2F, GF3F and GT4F frames

GFBP	21816531

ADDRESS MODULE FOR AIPHONE GT

AIPHONE®



GT-AD - Address module for the GT entrance panel.

- Requires GFAP panel

GT	Address module	GTAD	21816536
GT	Address panel	GFAP	21816537

2-WIRE HANDSFREE AUDIO STATION

AIPHONE®



Audio room hands free station for GH and GT series.

- Up to 4 stations per apartment
- Simple operation

GT Series		GT1A	21816560

AUDIO 2-WIRE HANDSET STATION

AIPHONE®



Audio handset apartment station with hearing aid feature.

- Door release button

GT1D 21816562

3.5" COLOUR LCD VIDEO STATION

AIPHONE®



Colour video apartment station with zoom wide feature.

- Suits GT Apartment Series
- Hands free communication
- Security Guard call
- Auto entry

+ Hearing aid function GT1M3 21816566

7" COLOUR VIDEO TENANT STATION

AIPHONE®



The GT-1C7 is an audio/video tenant station for the GT Series Multi-Tenant Video Intercom system.

- 7" LCD colour screen
- Hands-free audio communication
- Door release and Talk button
- PTZ and brightness control

GT1C7 21816567

COLOUR LCD 4-WIRE HANDSFREE STATION WITH PICTURE MEMORY

AIPHONE®



Colour video hands free apartment station with picture recording and pan/ tilt zoom feature as well as local video door station input.

- For GT Series video intercoms

Apartment station	GT2C	21816570
Sub-station	GT2H	21816572

OPTIONAL HANDSET

AIPHONE®



Audio Handset – The GT-HS is used to add a privacy handset to the GT-1C, GT-2C, or GT-2H tenant stations.

GTHSA 21816578

STAINLESS STEEL VIDEO ENTRANCE

AIPHONE®



The GT-DMB-N is an audio/ video entrance station with a stainless steel panel for the GT Series.

- PTZ camera which captures a 170° wide angle view
- Keypad allows for direct dialling and authorized entry access
- 3.5" colour LCD display
- Requires optional GF-3B (Flush Mount) or SBX-GTDMB (Surface Mount)

GTDMBN 21816585

PANEL FOR GTVAA CAMERA MODULE

AIPHONE®



Panel and module available individually.

GTVP 21816588

NEW VIDEO MODULE FOR GT SERIES

AIPHONE®



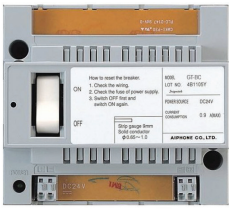
Video Module for Aiphone GT modular series entrance station.

- Includes PTZ camera with 170° viewing area

GTVB 21816589

AUDIO BUS CONTROLLER MODULE

AIPHONE®

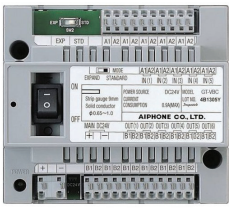


Audio bus controller module to suit Aiphone GT series intercoms.

GTBC 21816590

VIDEO BUS CONTROLLER

AIPHONE®

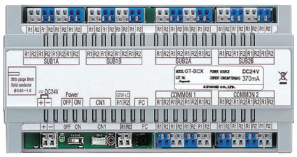


Video bus controller module to suit Aiphone GT series intercoms.

GTVBC 21816592

AUDIO BUS EXPANDER

AIPHONE®

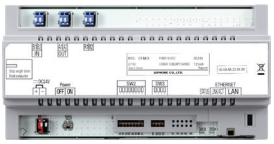


Video bus controller module to suit Aiphone GT series intercoms.

GTBCXNN 21816595

IP MODULE FOR GT SERIES

AIPHONE®



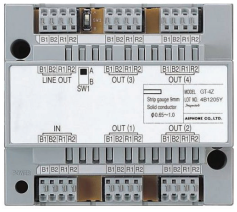
The GT-MCX network adaptor allows multiple GT Series systems to be connected over a network.

- Allows for network connectivity
- Remote programming device via network
- Connect systems/ buildings together
- Expand system capacity to multiple buildings, accessible from common entrance and guard stations

GTMCX 21816599

4-ZONE VIDEO DIVIDER MODULE

AIPHONE®



Splits Video and Audio Bus to four apartments when used in the GT digital series intercom.

GT4Z 21816600

1-ZONE VIDEO ADAPTOR

AIPHONE



One zone video adapter for Aiphone GT series.

GT1Z 21816602

NEW GT SERIES AUDIO MODULE

AIPHONE



Audio module for Aiphone GT modular series.

GTDB 21816608

NEW GT SERIES AUDIO MODULE

AIPHONE



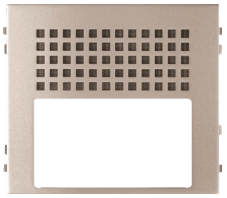
Aiphone Audio module with NFC reader.

- Suits Aiphone GT modular entrance station

GTDBVN 21816609

GTDB/GTDBVN AUDIO MODULE PANEL

AIPHONE



Aiphone panel for GT Audio module.

- Suits GT-DB or GT-DB-VN Audio modules

GTDBP 21816610

NAME SCROLL MODULE

AIPHONE

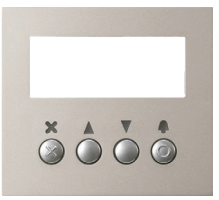


Aiphone GT-NSB is a display module for GT Series modular entrance stations.

GTNSB 21816633

PANEL FOR GTNS NAME SCROLL

AIPHONE

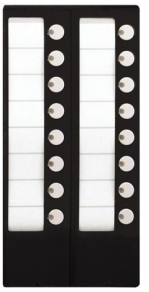


Front panel to suit the Aiphone GTNS name scroll module.

GTNSPL 21816634

COLOUR MASTER STATION

AIPHONE



For residential and commercial applications where a colour hands free intercom system is required. The AX8MV enables up to one hundred and twenty video door stations and up to a total of eight internal room stations, all with the hands free feature.

- Hands free operation
- Colour video LCD room stations
- Two video and audio communication channels
- Communication privacy
- Separate door release output for each door station
- Door release can be NC or NO programmable

● 16-call add-on AX16SW 21817515

AX SERIES EXCHANGE

AIPHONE



The "brains" of the AX Series.

- Allows connection of up to 8 masters and 24 door stations

8 door	4 master	AX084C	21817520
24 door	8 master	AX248C	21817525

32 DOOR AUDIO / VIDEO EXPANDER

AIPHONE



Add on exchange unit.

- Allows an additional 32 door/sub stations to be added to the Aiphone AX System

AX320C 21817530

AX SERIES COLOUR CAMERAS

AIPHONE



There are four video door stations available for use with the Aiphone AX series video intercom systems.

All models are weather resistant, are designed for outdoor use and are covered by a two year warranty.

- AXDV: diecast steel vandal resistant surface mount door station
- AXDVF: stainless steel vandal resistant flush mount door station
- AXDVP: diecast steel vandal resistant surface mount door station with a HID prox. reader option
- AXDVFP: stainless steel vandal resistant flush mount door station with a HID prox. reader option
- AXDVF and AXDVFP are supplied with a flush mounting back box

Flush	+ Proximity access	AXDVFP	21817550

SLIM SURFACE MOUNT AUDIO ONLY

AIPHONE



Slimline profile for mounting on architraves and door frames. One a call is placed, communication is hands-free.

- Hands-free communication
- 2-wire connection

AXDM 21817555

IP INTERCOMS

IP DIRECT AUDIO DOOR STATION

AIPHONE



Plastic surface mount IP Audio only door station.

- Fire-retardant Resin
- PoE - 802.3af
- Suits IX series IP intercom

IXBA 21817605

IP DIRECT AUDIO DOOR STATION

AIPHONE



- Stainless steel
- Flush fitting
- PoE - 802.3af
- Suits IX series IP intercom

IXSS 21817610

IP AUDIO & VIDEO DOOR STATION



Surface mount IP Audio / Video door station.

- Fire-retardant
- PoE - 802.3af
- Suits IX series IP intercom

IXDA 21817615

IP AUDIO & VIDEO DOOR STATION

AIPHONE®



- Stainless steel
- Flush fitting
- PoE - 802.3af
- Suits IX series IP intercom

IXDF 21817620

IP AUDIO VIDEO DOOR STATION

AIPHONE®

The IX-DF-2RA is an IP audio/Video door station for the IX Series.



- Connects to a PoE network using CAT5e/6 cable
- Will call up to 20 IX-MV masters
- Stainless steel face plate
- Normal and emergency call buttons

IXDF2RA 21817623

IP AUDIO VIDEO S/S DOOR UNIT

AIPHONE®



- Stainless steel
- Flush fitting
- PoE - 802.3af
- Suits IX series IP intercom

with ProPoint reader option	IXDFP	21817625
with iClass reader option	IXDFPI	21817630

IP AUDIO VIDEO MASTER STATION

AIPHONE®



Aiphone flexible IP Intercom system.

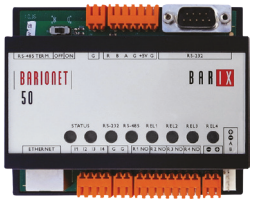
- Integrate with other IP based security systems
- PoE Design
- 24/7 Monitoring/ Recording
- Unlimited number of devices
- No wiring distance limitations
- Compatible with ONVIF Profile S
- Flexible options in Paging, Call transfers, pre-recorded messages

IXMV 21817635

IP PROGRAMMABLE RELAY ADAPTER

AIPHONE®

IP programmable relay adaptor with 4 contact inputs and 4 relay outputs (compatible with the IX Series and IS-IPDV/F, IS-IP4DVF, and IS-IPMV only).



RYIP44 21817638

IP ADDRESSABLE NETWORK PAGING

AIPHONE®



Network paging adaptor for Aiphone IX Series network intercom.

- Address book that supports up to 50 stations
- Access by an IX-MV master station or an instance of the IX Mobile App
- 3rd party device can be connected to the audio input to send messages

IXPA 21817640

INTERCOM ACCESSORIES

MONITORED ELECTRIC DOOR STRIKE

LOCKWOOD ASSA ABLOY



Suitable for 15mm latch with 3mm door gap.

- Voltage 12V DC
- 850kg holding force
- Stainless steel construction
- 4hr fire rating

ES2000-1 01301720

MONITORED PRELOAD STRIKE

LOCKWOOD ASSA ABLOY



Suitable for 15mm latch with 3mm door gap.

- Multi voltage 10-30V DC
- 1300kg holding force
- Stainless steel construction
- Weather Resistant (IP54)

ES9000 01301745

DIGITAL KEYPAD WITH RFID



- 2000 users
- Backlit keypad
- LED indicator (Green/ Yellow/Red)
- Wiegand 26-input for the connection of an external reader
- Adjustable door output time, alarm time and door open time
- Built-in light dependent resistor for anti-tampering
- Built-in buzzer

LA5353 01302540

KEY FOB STYLE RFID TAG



40 bit unique code.

- EM-4001 compliant

ZZ8950 01302542

300LB MAGNETIC LOCK STRIKE

NESS



Compact sized magnetic lock with 300lb holding force.

- Perfect for interior doors, display cabinets, etc.
- 12/24V DC operation selectable, 500/250mA current draw
- Dimensions 170(L) x 41(W) x 22(D)mm

101-158 21810020

600LB RECESSED MAGNETIC LOCK

NESS



600lb magnetic lock for mortice (recessed) mounting.

101-168 21810025

600LB MAGNETIC LOCK STRIKE

NESS



High security magnetic lock for most swinging door applications.

- Monitored
- 12/24V

101-157B 21810030

1200LB MAGNETIC LOCK STRIKE



High security magnetic lock for most swinging door applications.

- 12/24V DC operation selectable
- 500/250mA current draw
- LED & magnetic bond sensor
- Dimensions: 250(L) x 41(W) x 26(D)mm

101-182 21810035

PUSH TO EXIT BUTTON



Nidac push to exit button.

- Flush Stainless Steel Push Button
- Architrave Type
- Illuminated Green Surround LED 12V DC
- 2x isolated contacts NO/NC
- Plate Size: 30(W) x 75(H) x 1(D)mm

DE02 21810100

CONTACTLESS DOOR EGRESS DEVICE



Non-touch proximity exit button.

- Colour changing LED indicator with beep when activated
- Detection Range: 3cm
- 12V DC

RXD910 21810104

CHROME SURFACE MOUNT LATCH



- The strike will unlock when power is applied and will remain unlocked until the power is removed
- Surface mount type, face mount for easy installation
- Low current 33Ω Coil as standard, 12V DC, 350mA

DOR190A 21810110

ELECTRIC DOOR RELEASE



12V door lock with monitor tab.

- Easily convert from Fail Safe operation (Power to lock) or Fail Secure (Power to open)
- Strikes are powered by a solenoid
- Stainless steel striker
- Sensor Switch monitored output

GK300M 21810120

ELECTRIC DOOR RELEASE



- Dual Voltage 12/24V DC
- Fail Safe / Fail Secure
- Stainless steel striker for extra strength
- Use with cylindrical and mortise locksets without deadbolt

GK310 21810130

MINI ELECTROMAGNETIC LOCK



GEM 600lb Single Door Maglock.

- Low maintenance with high reliability
- Holding force up to 600lbs (272kg)
- Suitable for harsh environment
- Stainless steel vandal resistant casing
- Single or dual voltage input
- Anti-Residual Magnetism (ARM) function

ML-6 21810135

RECESSED DOOR STRIKE & LATCH



- Stainless steel faceplate and keeper
- Weather resistant
- Compatible with door latch depth of up to 15mm
- 12 or 24V DC operation
- 4 hour fire rated
- 5 Year Warranty

FES10 21810140

with monitoring FES10M 21810143

FLUSH FITTING BACK LIT ACCESS



Presco™ Outdoor keypad.

- Weather & Vandal resistant
- Suits all Presco controllers
- Front sealed to IP67 rating
- Resistant to saline mist
- Optional surface mount adaptor or stainless steel flush mount plate

PSEIL 21810160

12V AC/DC N/SX ELECTRIC STRIKE



Solid stainless steel face plate as standard.

- Power to Open
- Operational voltage: 12V DC or 12-16V AC
- Current draw: 350mA
- Dimensions: 25(W) x 160(H) x 28(D)mm
- 5 Years Manufactures Warranty

DOR100 21810184

12V AC/DC ELECTRIC DOOR RELEASE



Automatic function without the traditional PIN.

- Normally closed
- Operates on 12V DC, or 12-16V AC
- Current draw 350mA
- Dimensions: 25(W) x 160(H) x 28(D)mm
- 5 Years Manufactures Warranty

DOR110 21810187

12V DC ELECTRIC DOOR RELEASE



Narrow style stainless steel face plate.

- Power to Lock
- Operational voltage 12V DC
- Current draw 125mA DC
- Dimensions: 25(W) x 160(H) x 28(D)mm
- 5 Years Manufactures Warranty

DOR130 21810189

12V AC/DC DOOR RELEASE NC



Ideal for security doors, building entrance/exits, secured stock areas, after hours access, garage, etc.

- 12V AC or DC
- Fail Secure configuration (remains locked under power failure)
- Designed to be powered momentarily
- Operating current: 800mA Power consumption: 10W

EL971 21810190

ELECTRIC DOOR RELEASE

AIPHONE



Changeable Top

Suits door push buttons.

- Normally closed
- Requires relay and 12V 200mA power supply
- Plate: 130x25mm
- Mounting Holes: 110mm

EL12S 21810375

16V AC 1.5 AMP POWER SUPPLY

AIPHONE



- Suits DA and DB series intercoms

16VAC1500S 21810281

5.8V DC 0.6 AMP POWER SUPPLY

AIPHONE



6 Volt DC, 1 Amp regulated power supply.

- Suits LEM series intercom

AMS66 21810284

18V DC 2 AMP POWER SUPPLY

AIPHONE



- Designed to be used with Aiphone intercoms

PS1820 21811927

24V DC 2 AMP POWER SUPPLY

AIPHONE



- Suits GT and JM series intercoms

PS2420 21816516

13.8V 5A POWER SUPPLY

iCentral Intelligent Central Systems



Suits System1 intercoms.

840-003 33770465

PAGING ADAPTOR

AIPHONE



Aiphone paging adaptor for TD series.

- Multiple paging zones
- 12V DC - 30mA
- Individual Volume & tone controls for Music and Paging
- Pre-tone signal prior to paging

PD1 21810881

DOOR RELEASE RELAY

AIPHONE



- Suits LEF5, LEF10, LEF5C, LEF10C, LEF10S, VCM door stations when an AC strike is used

RYPA 21810949

3X DOOR RELEASE RELAY

AIPHONE



- Suits KB3MRD, JA2MCD, JA2MECD, MK2MCD, JF2MED, JM4MED
- It has NO and NC contacts

RY3DL 21810952

WALL MOUNTING BRACKET

AIPHONE



Wall Mounting bracket for Aiphone IE series.

Wall mounting Bracket IE1GDU BRACKET 21810955

EXTERNAL SIGNAL / BUZZER RELAY

AIPHONE



Aiphone RYAC Signal / Buzzer relay.

- Suits TD, IE and LEF series Aiphone
- 12V DC

RYAC 21810940

EXTERNAL SIGNAL / BUZZER RELAY

AIPHONE



Aiphone external signal relay.

- Suits DB1MD, JK1MD, JK1MED, JF1MD, JF2MED IE1ADU, IE1GDU, IE2ADU, IE2A2D, AX8M, AX8MV
- 12-24 Volts DC and 12-16 Volts AC

TAR3 21810960

AUXILIARY LIGHT CONTROL

AIPHONE



- 24V DC
- Suits KB3MRD, GFDAB, JF2MED

MAWB 21810970

BODY & LENS COVER FOR JFDVF

AIPHONE



- Replacement cover for JDVF series intercoms

T9500050-T2001580 21816127

S/STEEL SURFACE MOUNT BOX

AIPHONE



Stainless steel 30° surface mount box.

- Suits DV series camera (JF, JK, JO & JP)

SBXDV30 21816132

LENS COVER FOR JKDV & JKDVF

AIPHONE



- Spare lens cover for JKDV & JKDVF series intercoms

T2003171 21816177

CENTRAL POWER & RELAY MODULE

FUTURO



- Allows star connection (Max. 4 monitors and 3 door stations)
- Improve Video and Audio quality – works as a signal repeater
- Supplies sufficient power to all monitors and door stations in the system
- Automatically configures and remembers the system setup even after restart
- All in one unit means simpler wiring and worry free operation

CPU4 21816390

IP - APP ADAPTOR FOR JP SERIES

AIPHONE



Answer visitor call from your phone.

- Allows three mobile phones per JPTLIIP
- Desk or Wall Mountable
- App to suit Android or iOS
- Three outlet contacts

JPTLIIPA 21816440

ALLOY FLUSH PLATE FOR 100-977

iCentral Intelligent Central Systems



- Suits the 100-977, Four plus & 10.2 series
- Flush fit

100-978 21818025

PERSPEX WEATHER-SHIELD

iCentral Intelligent Central Systems



- Suits 100-977, Four plus & 10.2 metal door stations

106-906 21818026

106-907 21818027

PERSPEX WEATHER-SHIELD

iCentral Intelligent Central Systems

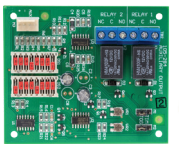


- Suits D200 series

100-962 21818028

AUXILIARY OUTPUT BOARD

iCentral Intelligent Central Systems





Auxiliary output board to suit iCentral M200 and R200 intercoms.

100-606 01 21818032

INPUT JACK TYPE A

iCentral Intelligent Central Systems



- Suits M200 & M250 Masters

I1 21818036

INPUT JACK TYPE B

iCentral Intelligent Central Systems

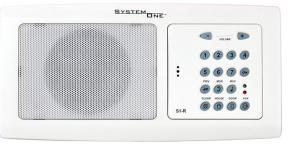


- Suits System1 room stations

I2 21818038

10 PACK FASCIA FOR R200

iCentral Intelligent Central Systems



iCentral 100-941 Fascia.

- Pack of 10
- Suits R200 Room stations

○ 100-941 21818045

● 100-942 21818047

10 PACK TRIM PLATES

iCentral Intelligent Central Systems



iCentral 100-948 trim plates.

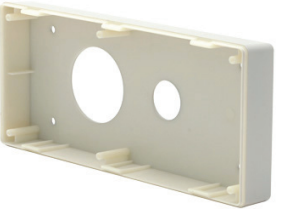
- Pack of 10
- Suits R200 and D200 room stations

○ 100-948 21818055

● 100-949 21818057

SURFACE MOUNT WALL BOX

iCentral Intelligent Central Systems



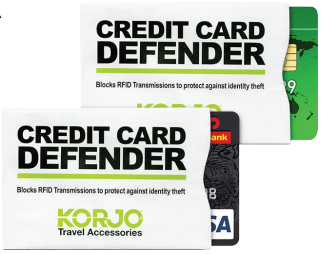
- Suits R200 & D200 stations

100-944 21818065

RFID & NFC DEVICE

V2 - CREDIT CARD DEFENDER 3-PACK

KORJO Travel Accessories



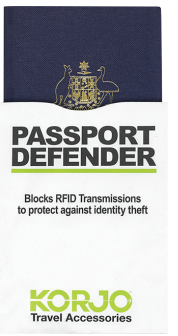
Protect your credit cards from identity theft.

- Blocks 13.56MHz and 860-960MHz transmissions
- Shields ISO 14443/15693 and EPC Gen1/Gen2 cards and tags
- FIPS 201 Compliant
- 3x sleeves per pack

RFIDCC-V2 01302340

PASSPORT DEFENDER SINGLE PACK

KORJO Travel Accessories



Protect your passport from identity theft.

- Blocks 13.56MHz and 860-960MHz transmissions
- FIPS 201 Compliant
- Shields ISO 14443/15693 and EPC Gen1/Gen2 cards and tags

RFIDPP 01302345

WIRELESS SKIMMING PROTECTOR

armourcard



ARMOURCARD actively jams the RFID signal.

- ARMOURCARD protects multiple cards within the jamming proximity
- ARMOURCARD protects Tap & Go credit card, ePassport, NFC enabled smart phone, RFID devices

ARMOURCARD 01302350

APPLIANCES & LIGHTING

CLOCKS 240
WALL 240
DESK 242
STOPWATCH & TIMERS 242
COOLERS & WARMERS 243
CHIMES & BELLS 243
FANS 244
HAIR CARE 245
HEATERS 246
FAN HEATERS 246
CERAMIC HEATERS 246
COLUMN HEATERS 246
LIGHTING 246
INDOOR 246
MAGNIFYING LAMPS 247
DOWN LIGHTS 248
FLUORESCENT 249
OUTDOOR 249
WORK LIGHTS 250
LED STRIP 250
TORCHES & LANTERNS 251
GLOBES 252

APPLIANCES & LIGHTING

NEW PRODUCTS

LED LAMP WITH CLOCK / CALENDAR

mbeat the new digital experience



- The large LED screen displays clock, calendar and temperature information
- Rubberised flexible neck allows for a super wide area of illumination
- Touch sensitive control panel with 3 brightness settings

LEDU2 25120837

LED LAMP WITH QI CHARGING BASE

mbeat the new digital experience



- Supports LED lighting also powers your wireless charging enabled smartphones
- LED illumination switches between warm and cool lighting modes
- Rubberised flexible neck allows for a super wide area of illumination
- Touch sensitive control panel with adjustable brightness settings

LEDU15 25120840

LED TABLE LAMP WITH RGB BASE

mbeat the new digital experience



The ideal desk lamp for the home or office.

- Adjustable brightness
- Flexible neck
- Touch controls
- Ambient RGB glow base

LEDQ10 25120832

LED DESK LAMP WITH RGB BASE

mbeat the new digital experience



The ideal desk lamp for the home or office.

- Adjustable brightness
- Flexible neck
- Touch controls
- Ambient RGB glow base

LEDT3 25120835

220LM SOLAR LIGHT WITH SENSOR



- PIR sensor
- IP65 Waterproof
- 6m detection range, 120° angle

SL3512 25122328

400LM SOLAR LIGHT WITH SENSOR



- PIR sensor
- IP65 Waterproof
- 6m detection range, 120° angle

SL3514 25122331

10W RUGGED COB RECHARGEABLE

TOMCAT



Rugged portable flood light.

- 10W COB LED
- USB output
- Lithium Ion battery
- Battery Life indicator
- 800 Lumens output

XTP013 12657504

FATMAX LED HEADLAMP

STANLEY



8 hour run time for a full working day.

- Durable casing which make the product drop and Shatterproof
- High Tech LED for bright and efficient lighting 80 Lumens
- Overhead strap provides a stable fitting for control of light

FMHTO-70767 12658795

CLOCKS

WALL

LCD CLOCK WITH TEMPERATURE



Displays both the time and temperature simultaneously.

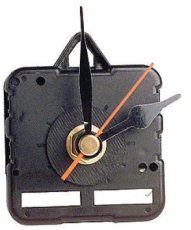
- 215(L) x 73(H) x 22(D)mm

XC0230 08250755

XC0100 QUARTZ CLOCK MOVEMENT

Fix your old clock – or make a new clock.

- Compact, self starting uses 1x "AA" battery
- ± 15 sec/month accuracy
- Supplied with hands
- Includes sweep second hand



- Size: 56x56x15mm

WM12 08250760

225MM (9") ROUND WALL CLOCK

JADCO time

With it's extra large numerals and 225mm diameter dial, the CS1067 is easily read from the back of the classroom.

- Diameter: 225mm
- Weight: 200g



- Battery: 1x "AA" (included)

CS1067WH 08250778

LCD CLOCK WITH TEMPERATURE

DIGITECH



- Huge 194x110mm LCD display
- Alarm clock, calendar, day of the week
- Current temperature and humidity

XC0225 08250781

WALL CLOCKS

Jadcotime



Round wall clock with large numbers allows viewing from all angles.

- This combined with smart numerals and clean uncluttered hands makes for a streamlined clock that looks good in contemporary interiors
- All our SOHO range contain a superior quartz movement

12" (300mm)	15m View Distance	6200CLK	08251265
10" (250mm)	10m View Distance	2500CLK	08251233

LARGE AUTO CLOCK AND CALENDAR

Jadcotime



This compact calendar clock combination is popular at home as well as in the office. Like all our calendar clocks, the BQ38 is particularly valuable wherever people are completing forms and as an indispensable reminder for appointments.

- It features a reliable German movement and an automatic calendar function that self-adjusts for leap years
- This is an ideal clock wherever people are completing forms and need a reminder of the day of the week

BQ38 08251270

300MM ELECTRIC ANALOGUE CLOCK

Jadcotime



Electric powered Clock.

- Ideal for: schools, hospitals, warehouse etc.
- Power Supply: 120-240V AC 50/60Hz
- Diameter: 300mm

6200E 08251274

METAL JUMBO DISPLAY LED CLOCK

Jadcotime



Jadco 4500 Jumbo display LED clock.

- Selectable 12 or 24hr display
- Remote supplied
- Aluminium case
- 5 brightness settings
- Mains powered with battery back up

4500 08251282

16"/400MM JUMBO WALL CLOCK

Jadcotime



This large "Small Office/Home Office" clock has a convex lens that encases the edge of the dial allowing for easy viewing from all angles. This combined with smart numerals and clean uncluttered hands makes for a streamlined clock that works well in most situations. All our SOHO range are powered by a superior quartz.

- This Small Office/Home Office clock has a convex lens that encases the edge of the dial allowing for easy viewing from all angles up to 20 metres away
- This combined with smart numerals and clean uncluttered hands makes for a streamlined clock that looks good in contemporary interiors
- All our SOHO range contain a superior quartz movement

6206CLK 08251285

16"/400MM SWIM/GYM CLOCK

QUANTUM BY JADCO



Jumbo sized clock designed specifically for high humidity or high sunlight exposure such as that in exercise gyms and pools.

- The W875 S/G Waterproof Clock has an IP55 rating which means it can be used in any damp areas – from swimming pools to food preparation areas and change-rooms
- The synchronous second hand is ideal for sports activities that require referencing lap times and measuring exercise rates
- The waterproof casing also makes this clock silent, which makes it ideal for use in examination rooms and libraries

W875SG 08251290

475MM ROUND WALL CLOCK

Jadcotime



A large analogue clock with an automatic calendar insert – the only one including the year. Easily read from 15 metres. Like all our calendar clocks, the BQ368 is particularly valuable wherever people are completing forms and as an indispensable reminder for appointments.

- This large analogue clock has an automatic calendar insert, the only one including the year
- Features include a reliable German movement and an automatic calendar function that self-adjusts for leap years
- This is an ideal clock in large open environments where people fill out forms and need a reminder of the day of the week

BQ368 08251295

ANALOGUE CALENDAR CLOCK

Jadcotime



The industry standard for banks, offices and Post Offices, the BQ12 is also becoming more and more popular in the home. Like all our calendar clocks, the BQ12 is particularly valuable wherever people are completing forms and as an indispensable reminder for appointments.

- The 300mm clockface and easy-to-read day and date calendar can be easily read up to 15 metres away
- The clock includes a reliable German movement and an automatic calendar function that self-adjusts for leap years
- This is an ideal clock in environments where people fill out forms and need a reminder of the day of the week

BQ12 08251300

12 HOUR LARGE DIGITAL CLOCK

Jadcotime



A design classic, the BQ50 is one of the original flip card clocks with a classic curved molded case. The 50mm numerals can easily be viewed from a distance of 20 metres. A removable mounting stand enables the BQ50 to be freestanding or wall mounted.

- The reliable German movement is battery powered with an operating "on" light. Included is a removable mounting stand that enables the BQ50 to be frees
- There is the option of 12hr display with AM/PM indicator or 24hr display

BQ50 08251500

12 HOUR LARGE DIGITAL CLOCK



Our largest battery operated flip-card clock. Easily read from 40 metres, the BQ100 is the perfect solution for large workspaces. The BQ100 comes in a 12hr format with an AM/PM indicator.

- The flip card display remains readable under fluorescent lighting, unlike many LCD clocks
- Features include a reliable German movement and an indicator light when the clock is operational
- The 12hr format has an AM/PM indicator
- Numeral height: 100mm

Battery powered	BQ100	08251510

GIANT DIGITAL CALENDAR CLOCK



The Jadco BQ170 giant digital clock is the ideal clock for business and can be easily read 20 metres away.

- Ideal for Businesses, Hospitals, Schools
- German movement
- Shows day, date and time
- 12 hour clock shows AM/PM function
- Automatic calendar function

	BQ170	08251530

MAINS POWERED CALENDAR CLOCK



This large, mains powered digital calendar clock can be read from a distance of 25 metres, making it ideal for larger rooms.

- 12 hour format with an AM/PM indicator
- 1.5 metre power cord with plug or can be hard-wired into mains power by an electrician

	MQ17	08251550

24 HOUR MAINS DIGITAL CLOCK



The R58 mains-powered (240V AC) digital clock has the capacity to go 10 days without power.

- With its large face and 24 hour format the R58 can be read from 25 metres away
- The internal NiCd battery continues working 10 days without mains power
- Features include a reliable German movement and an indicator light when the clock is operational
- The flip card display remains readable under fluorescent lighting, unlike many LCD clocks

	R5824HR	08251600

DESK

ANALOGUE TRAVEL ALARM CLOCK



The ideal travel companion.

- Analogue face
- Quartz movement
- Snooze button
- Night light
- "AA" battery included

	AAC73	08010440

DIGITAL THERMOMETER & CLOCK



This digital thermometer is used for checking your indoor/outdoor temperature.

- Automatic minimum and maximum temperature memory
- Outdoor temperature range: -40°C to +70°C
- Indoor temperature range: -10°C to +50°C

	DTC2	08011085

STOPWATCH & TIMERS

LARGE LCD DIGITAL TRIPLE TIMER



Ideal for Schools, Sports, Food Industry or Hairdressing salons.

- 3 independent timers on view
- Count-Down or Count-Up/ Stopwatch function
- Displays hours, minutes and seconds
- 12/24hr clock
- Memory function
- Loud alarm
- Large easy to use buttons

	2520TMR	49161572

HIGH QUALITY DIGITAL STOPWATCH



Ideal for sporting clubs or venues.

- Lap, time, calendar, alarm
- Large 12mm display
- Water resistant
- Weighs 100g with neck cord included
- Runs on 1x CR2032 battery (included)

	SW3	49161575

ADVANCED PRO SPORT STOPWATCH



Displaying total elapsed time, split and lap times (to 1/100th of a second) simultaneously in separate rows, the 898M Rating Stopwatch allows you to measure performance without loosing split or lap times. With the built-in stroke/ frequency function, 10 hour capacity and hundred lap memory, this water resistant stopwatch.

- A digital quartz stopwatch with split/ lap time measurement and stroke/ frequency measuring functions
- 100 lap memory
- Stopwatch measures up to 10 hours in 1/100 seconds
- Total elapsed time, split time and lap time are displayed at the same time
- Water resistant
- Includes neck cord

	898M	49161590

COOLERS & WARMERS

12V 35W LUNCHBOX WITH CUTLERY



- 1.5L capacity
- Food-grade housing
- Stainless steel food tray

YS2840 29452029

12V LARGE PORTABLE STOVE



- Heats food in just 3 minutes
- Holds up to 3L
- Internal temperature up to 300°F/149°C

YS2811 29452032

12V COOLER AND WARMER 4L



- 4L capacity
- 12V DC
- Cools or warms

GH1384 29452036

THERMOELECTRIC 14L CAR FRIDGE

POWERTECH



- Min. Temperature: 18°C-20°C below the ambient temperature
- Max. Temperature: 65°C
- Capacity: 14 litres

GH1373 29452039

12V DC 5A DC POWER SUPPLY



- Output: 12V DC @ 5 Amps total
- Dimensions; 140(L) x 87(W) x 60(H)mm
- Input Lead Lengths: 1.8m
- Output Lead Lengths: 580mm
- Termination: 2-pin connector
- Suits GH-1374 peltier cooler/warmers
- Approval #: N20157

Mains adaptor GH1379 29452041

12V 7.5L COOLER AND WARMER



- Cooling performance: Up to 18°C below ambient temperature
- Minimum Temperature: Approx 5°C
- Maximum Temperature: Approx 60°C
- Capacity: 7.5L

GH1366 29452043

CHIMES & BELLS

HIGH VOLUME WIRELESS DOOR BELL



When this doorbell rings, the sound is accompanied by several bright flashes from the receiver's built-in strobe light, which makes it much easier for a hearing impaired person to know that someone is at the door.

- The sounder can be taken from room to room
- Works up to 30 metres from the transmitter button
- Seven different melodies
- Two volume levels – medium and loud
- Supplied with a neck lanyard and mounting hardware
- Requires 4x 'C' cells, available separately

LA5002 07600615

PLUG IN WIRELESS DOOR CHIME

SANSAI



- Up to 200 metres in open air
- Plug into any standard power point
- 48 tunes
- Adjustable volume

DB299 07600618

30M 240V WIRELESS DOOR CHIME

HPM



HPM door chimes are easy to install and can be moved around the home and relocated when moving house. All models come with everything required for fast installation.

- Lithium batteries in the bell press
- LEDs on both bell press and chime
- Choice of two chime tones: Ding Dong or Westminster
- Battery operated door chimes – Bell press battery included
- Plug in door chimes – Bell press battery included

D641/PI 07600703

70M 240V WIRELESS DOOR CHIME

HPM



- Lithium batteries in the bell press
- LEDs on both bell press and chime
- Choice of two chime tones: Ding Dong or Westminster
- Battery operated door chimes – Bell press battery included
- Plug in door chimes – Bell press battery included

D641/PILR 07600720

70M 240V WIRELESS DOOR CHIME

HPM



HPM deluxe Door Chime with Flashing Light.

- 240V door chime
- Long range - 70m
- Weatherproof Bell Press
- LEDs on both the Bell press and Chime
- 3 volume settings

D641/PIFL 07600701

30M BATTERY DOOR CHIME

HPM



HPM door chimes are easy to install and can be moved around the home and relocated when moving.

- Lithium batteries in the bell press
- LED on bell press
- Choice of two chime tones: Ding Dong or Westminster
- Battery operated door chimes – Bell press battery included
- Plug in door chimes – Bell press battery included

D641/B 07600705

WIRELESS BELL PRESS FOR D641

HPM



All D641 series wireless door chimes & bell presses are compatible.

- Lithium battery (supplied)
- LED Press indicator
- Extra bell press for to suit 641-chime series
- 2 separate tones to select

D641/BPWE 07600706

BATTERY WIRELESS DOOR CHIME



HPM Battery operated wireless door chime.

- LED flashing light with or without chime
- Easy DIY installation
- 36 melody options
- Adjustable volume
- Receiver wall or desk mountable

D642/L1 07600707

INTERNAL DOOR BELL FACET CHIME



A door chime with a multi-faceted cover designed to create a light & shade effect.

- 4x 'C' batteries or D780 transformer
- White cover, Grey base
- Size: 171x105x49mm

D107 07601017

DING DONG DOOR BELL CHIME



A door chime with a classic black & white design.

- 4x 'C' batteries or D780 transformer
- Size: 171x105x48mm

D117 07601023

BIG BEN DOOR BELL CHIME



Traditional 'Ding Dong' tune for front door.

- 4x 'C' batteries or D780 transformer
- Size: 171x105x49mm

D230 07601047

8V AC UNDERDOME DOOR BELL



A low current consumption doorbell with operating mechanism under the dome of the gong.

- Requires 4.5V External battery or D780 transformer
- Colour: Black
- Size: Ø73x36mm

D792 07603001

3V UNDERDOME DOOR BELL



An underdome bell in a white housing which gives added resonance and incorporates cavities for batteries.

- 2x 'D' batteries or D780 transformer
- White with Black base
- Size: 159x83x43mm

D902 07603016

ILLUMINATED DOOR BELL PRESS



A lighted black push with a white button for fitting to the architrave of modern door frames.

- Hidden fixing screws
- Black/White Button
- Size: 60x26x24mm

D534 07604001

ILLUMINATED DOOR BELL PRESS



Lighted black push, white button, name card behind a clear window.

- Hidden screws
- Black cover, Clear window, Clear base
- Size: 60x40x19mm

D723 07604032

BELL PRESS FRIEDLAND



Non-lighted black push for fitting to architrave of door frames.

- Size: 55x24x18mm

D824 07604065

2-PACK FRIEDLAND REPLACEMENT GLOBES

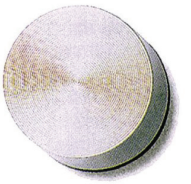


Pack of 2 spare lamps for the 534 Lightspot and 723 Pushlite bell presses.

- Voltage: 8~15V

D70 07604501

8V MINIBUZZER

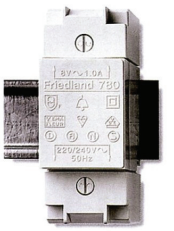


A resonating diaphragm produces a distinctive buzzer sound from a compact product.

- Audio tone: Buzzer
- High volume
- Power: Requires D743, D770 or D780 transformer
- Colour: White cover with Black base
- Dimensions: Ø51x36mm

D182 07605001

8V/1A DOOR CHIME TRANSFORMER



A double insulated transformer which offers both DIN rail and surface mounting and is suitable for all Friedland chimes and bells

- Power Output: 8V 1A
- Colour: Grey
- Size: 91x35x53mm

D780 07607001

FANS

15CM METAL USB FAN



Cool and Colourful – This USB powered fan features Bluetooth connectivity, allowing you to display the time/temp, configure messages, even upload 10 of your favourite photos.

- Bright LED colours
- Bluetooth connection with free App available on both Google Play and Apple iTunes
- USB Powered: 5V DC @ 1A
- Dimensions: 194(W) x (194(H) x 92(D)mm

GH1021 12111480

10CM MINI HIGH VELOCITY FAN

HELLER

Personal desk high velocity fan.

- Metal blades
- High velocity
- Single speed
- USB powered
- Available Colours: Black & White



○	HVF10UW	12111485
●	HVF10UB	12111490

WHITE DESK FAN

HELLER

Desk fan with childproof metal fan guard. Perfect for office and home ventilation.

- Multi-speed control
- Whisper quiet
- Tilt adjust
- Sturdy base
- Metal fan safety guard



40cm	Oscillating	3-speed	DF40	12111509
30cm	Oscillating	3-speed	DF30	12111506
23cm	Oscillating	2-speed	DF23	12111501
15cm	Fixed	2-speed	DF15	12111495

40CM OSCILLATING PEDESTAL FAN

SUNAIR

- 3-speed push button control
- Whisper quiet
- Tilt adjustable, oscillating head
- Sturdy construction with metal blades
- Height adjustable



○	PF40WH	12111518

50CM HIGH VELOCITY PEDESTAL FAN

HELLER

- Natural Breeze feature
- 8 hour timer
- High velocity banana blades
- 3 operation modes: Sleep, Natural & Strong Breeze
- Tilt adjustable, oscillating head
- Height adjustable



	PF50	12111519
With remote	RPF50CR	12111520

40CM HIGH VELOCITY COMMERCIAL FAN

SUNAIR

40cm fan with safety metal fan guard. Perfect for commercial, warehouse and workshop ventilation.

- 3 Speed push button control
- Powerful air movement
- Upright 90 degree tilt adjust for ventilation
- Sturdy construction with metal blades and stable base
- Safety metal fan guard



●	HVF40B	12111525

40CM HIGH VELOCITY COMMERCIAL FAN

HELLER

40cm fan with safety metal fan guard. Perfect for commercial, warehouse and workshop ventilation.

- 3 Speed push button control
- Powerful air movement
- Upright 90 degree tilt adjust for ventilation
- Sturdy construction with metal blades and stable base
- Safety metal fan guard



◒	HVF40C	12111529

40CM 5-BLADE WALL FAN

HELLER

- 3 speed settings
- 4 hour timer
- 5-blades for maximum efficiency
- Wall mounted
- Safety fan guard
- Tilt adjustable, oscillating head



with remote	HWAL40R	12111545
with pull cords	HWAL40P	12111543

HEAVY-DUTY 40CM WALL FAN

HELLER

Heller 40cm wall fan.

- Tilt adjustable oscillating head
- 3 speed settings
- 3 Operation modes
- Remote control, clips into base
- Strong metal blades
- 12 Month Warranty
- Steel wall mount bracket included



	RWF40R	12111547

30CM BOX FAN WITH NIGHT TIMER

HELLER

Heller 30cm Box Fan.

- 3 speed
- Rotating louvres
- 60 Minute timer – allows the unit to be set to automatically switch off at night
- Stable base
- Safety fan guard
- White finish
- 12 Month Warranty



	BOX30S	12111560

75CM COMMERCIAL WALL FAN

HELLER

75cm black commercial high velocity wall fan with safety metal fan guard.

- 3 speed settings
- Extra large 75cm wide oscillating head
- Long life motor
- Made of durable metal material
- High velocity blades



	WAL75G	12111620

HAIR CARE

HAIR CLIPPER KIT

Tiffany

- 4 trim guides
- Adjustable blade control
- Great for trimming a beard or moustache
- Blade brush and blade guard
- Stainless steel barber scissors
- Professional comb for precise cutting control
- Lubricating oil to keep blade in peak condition



	HC98	16304008

1800W HAIR DRYER

Tiffany

HDT1800 pro 1800W hair dryer.

- 6 heat settings
- Cool shot
- Removable filter
- Storage hook
- Concentrator attachment
- Soft touch easy grip handle
- Includes thermal cutout for protection against over heating



	HDT1800	16305050

HEATERS

FAN HEATERS

2000W UPRIGHT FAN HEATER

HELLER



Upright Fan heater.

- Fan assisted
- 2 heat settings: 1000/2000 Watts
- Over heat protection
- Adjustable Thermostat
- Power on indicator light
- Safety tip over switch

HUF6 21080117

2400W LOW PROFILE FAN HEATER

HELLER



Low profile heater.

- Fan assisted
- 2 heat settings: 1200/2400 Watts
- Over heat protection
- Adjustable Thermostat
- Power on indicator light
- Safety tip over switch

HLF6 21080118

CERAMIC HEATERS

1500W CERAMIC HEATER

HELLER



Heller CFH1577A 1500W Ceramic heater with thermostat and carry handle.

- 2 heat settings 750/1500 Watts
- Safety tip over switch
- Adjustable Thermostat
- Power ON indicator light
- Overheat protection
- Carry handle

CFH1577A 21080162

1500W CERAMIC FAN HEATER

HELLER



Auto oscillating fan heater.

- 2 heat settings: 750/1500 Watts
- Adjustable thermostat control
- Power On indicator light
- Overheat & safety tip over protection
- Efficient ceramic heating element

CFH1500B 21080163

2000W OSCILLATING CERAMIC FAN

HELLER



Heller PTC602BNS 2000W Oscillating ceramic fan heater.

- Ceramic heating element
- Cool and 2 heat settings
- Wide angle oscillating base
- Overheat protection
- Safety tip over switch
- Recessed carry handle

PTC602BNS 21080164

COLUMN HEATERS

OIL COLUMN HEATER

HELLER



- 3 heat settings
- Thermostat control
- New efficient fin design
- Automatic safety cut-out
- Cool touch end panels
- Convenient cord storage
- Durable enamel finish

11 fin	2400W	with timer	OIL11T	21080211
9 fin	2000W		OIL9	21080209
7 fin	1500W		OIL7	21080207
5 fin	1000W		OIL5	21080205

LIGHTING

ORANGE AMBER REVOLVING LIGHT



12V Operation.

- Simply plug-in the expendable cord to your vehicles 12V socket
- Magnetic base to attach to any metal surface

SC782 07050020

INDOOR

BATTERY OPERATED MOTION SENSOR

Camelion



Perfect for those dark spots throughout the home.

- Battery operated
- Includes 3x "AA" batteries
- 6-piece SMD LED
- Detachable main body can be mounted by screws or 3m double sided adhesive

CAT7018 25120790

3W PORTABLE COB LIGHT

Camelion



Fixed or portable COB LED light.

- 2x 3W COB LED
- On/Off switch
- Powered by: 4x "AAA" batteries (included)
- Choice of installation with Velcro, screws or magnet

CATS28 25120793

3W ROVE COB LED DESK LAMP

Brilliant



Brilliant Rove Cob LED Desk lamp.

- Colour: Black
- Wattage: 3W
- Lamp: COB LED
- Colour Temp: 3000K
- Lumens: 230lm
- Warranty: 3 Years

18080B 25120852

DESK LAMP-CLAMP TYPE BLACK

SANSAI



Student Desk Lamp.

- Clamp Type Lamp
- With On/Off switch, 1.8m cord
- Adjustable lamp shade
- Available in Black & Ivory

GXH6319BK 25120865

AUTO LED NIGHT LIGHT

SANSAI



- Automatically turns On at dusk and Off at dawn
- 100,000hrs LED bulb guarantee
- Cost only 60 Cents per year to operate
- For best results, plug into a wall outlet which receives ample natural light and is unobstructed by furniture or drapes

○	DB791	25120870

LED PUSH LIGHT

SANSAI



Ideal for use in wardrobes, cupboards, sheds, and beneath cabinets.



- Easy to install, simple peel paper backing to adhere light to any flat surface
- Long life LED light rarely need replacing
- 3x "AAA" batteries required (not included)
- Colour: Silver, Pink, Blue

●	GLH05ESV	25120885
●	GLH05EBL	25120886
●	GLH05EPK	25120887

LED PUCK LIGHT 3-PACK



- High / low brightness modes
- 30 minute auto-off option
- No wiring required
- Can be operated by remote or directly on each LED puck light
- Peel and stick adhesive

	SL3511	25120891

COPPER - PIPE FLOOR LAMP

Brilliant



Douglas floor lamp pushes the industrial trend into an era of elegance.

- The perfect opportunity to frame this seasons trending decorative globe
- Colour: Copper
- Wattage: 42W max.
- Lamp: E27 base

	DOUGLAS18	25121330

AUTO LED NIGHT-LIGHT

ARLEC a World of Innovation



Improved safety features - ideal for lighting children's bedroom, hallway and stairs.

- Plugs into any household 240 Volt power point
- 100,000hr LED light source
- Automatically switches on at dusk and off at dawn
- 5 Year Arlec Warranty

	NL901	25125332

MAGNIFYING LAMPS

OPTICA MINI MAGNIFIER LAMP

Brilliant



The Optica is an all purpose magnifying lamp that is perfect for day today use that features a powerful 90mm lens that offers a 3-dioptre lens plus a 12-dioptre lens for intricate activities and comes complete with a 12W 6400K dedicated fluorescent tube.

- Energy Efficient Fluorescent
- 3 & 12 Dioptre 90mm Glass Lens with cover
- Adjustable Head and Stand
- Ideal for the vision impaired, hobbyist or beauticians

	99201W	25121710

56-LED DESK MOUNT MAGNIFIER

INSECT A GADGET



New LED high brightness models provide a clear crisp view with low power consumption, less heat & longer life.

- 56 high brightness, warm white LEDs
- 130mmØ magnifying head
- Spring-balanced arm assembly

5-dioptre	X4201	25121905
3-dioptre	X4200	25121904

MAGGYVUE OPAL MAGNIFIER LAMP

Waldmann



The ML150 incorporates a 22W fluorescent Maggylamp on an adjustable reaching arm with a 120mm dia. bi-convex lens at x2.0 (4.0 dioptre) magnification and an optimum focal length of 25.4cm.

- Shadow-free diffused lighting method
- Supplied with heavy-duty bench clamp, 22 Watt fluorescent lamp and lamp cover
- Can be bench, wall or floor mounted
- Spring balanced joints are easy to adjust
- 2.8 metre 3-core flex lead runs on 240V AC
- Lateral Extension: 107cm
- Vertical Extension: 100cm

	ML150	25121910

MAGGYLAMP MAGNIFIER LED LAMP

REDBANK



Australian made Maggylamp has been the industry standard for bench magnifiers since 1947.

- Now we have made it LED
- Flexible gooseneck arms
- Heavy metal base with rocker switch provides necessary counterbalance
- 2.8 metre 3-core flex lead runs on 240V AC
- Lateral Extension: 38cm
- Vertical Extension: 25cm
- 9 Watt LED

	ML201LED	25121916

TWIN TUBE MAGGYLAMP & LIGHT BOX

Waldmann



The ML204 incorporates a fluorescent Maggylamp on a light box for use in medical and educational laboratories.

- Combination of magnifier and light box
- Used in many pathology/microbiology labs
- Two stage illumination
- 20x20cm white light area
- Focal length: 250mm
- Circular 127mm glass lens, 2X magnification

	ML204	25121950

MAGNIFIER LAMP 5D DIOPTRE

DOSS®



- Lens material: Glass
- Lens size: 5”
- Magnification: 5 Dioptre
- Light source: 56 LEDs / 6 Watt total
- Supplied with Electronic ballast
- Mount: Table clamp
- Power supply: 240 Volts

	MLED140	25121980

BASES & ACCESSORIES

BENCH CLAMP FOR MAGGYVUE LAMPS

Waldmann



- Suits ML100 ML150 ML136M ML138

Bench clamp	ML110	25121930

BASE FOR MLED140 MAGNIFIER

DOSS®



- Standard table base

Desktop base only	MLED140B	25121982

DOWN LIGHTS

HALOGEN

50W 2-WAY HALOGEN TRACK

Crompton Lighting



Complete kit including: 2x low voltage white barrel fittings with inbuilt transformers.

- 1x 600mm 3 wire single circuit track
- 1x 240V Live end
- 2x TR19T round barrel head track lights with die-cast aluminium heads and integral electronic transformers
- Suitable for 2x 50W 12V MR16 halogen lamps with aluminium reflector
- Transformer dimensions may change from those illustrated

2-way	600mm	KTR19T2W	25330200

LED DIMMABLE

MR16 GU5.3 DIMMABLE 5.5W 450LM

Verbatim



- Dimmable
- Luminous Flux: 450lm
- Equivalent to 40W incandescent bulb

	Power	Base	Model	Code
COOL WHITE	5.5W	GU5.3	52318	25586038
WARM WHITE	5.5W	GU5.3	52317	25586034

INTEGRATED DOWNLIGHT DIMMABLE

Verbatim



Tested and compatible with Clipsal triac (leading/universal/trailing) dimmer.

- IP44 waterproof rated for damp location application
- Replace 92mm cut size 60W incandescent Downlight
- 10.5W 850lm 3000K IP44 DIM
- 3 Year Warranty

	64987	25586080

PAR16 GU10 DIMMABLE 6.5W

Verbatim



PAR16 GU10 Spot Light

- Dimmable
- 240V AC
- 6.5W
- Replacement for 66W high voltage halogen spot light

	Power	Model	Code
Warm White	480lm	65110	25586112
Cool White	510lm	65111	25586114

90MM 11W DOWNLIGHT

Crompton Lighting



Economical Four Pack LED Downlights

- White finish
- Low profile Aluminium housing
- Complete with 1.2 metres flex & plug
- Dimmable

	Power	Model	Code
Cool White	840lm	CDL11W44PK	25330096
Warm White	800lm	CDL11W34PK	25330092

LED NON DIMMABLE

PAR16 GU10 NON-DIM 6W 510LM

Verbatim



- Replacement for high voltage 66W halogen lamps
- Non-dimmable

Cool White	65268	25586116
Warm White	65171	25586118

PAR16 GU10 65W 480LM 3000K

Verbatim



- Replacement for high voltage 66W halogen lamps
- Compact size
- 91% energy saving
- Lifetime of 20,000hrs
- Non-dimmable

	65171	25586064

FLUORESCENT

LED REPLACEMENTS

T8 FLUORO REPLACEMENT LED TUBE

DOSS®



T8 LED Tubes are an ideal replacement for traditional T8 fluorescent tubes as they have the advantages of high brightness, being energy efficient and a super long lamp life of at least 30,000hrs without any flickering.

- Environmentally friendly: No glass no mercury, no electromagnetic emissions, no UV and no IR radiation.
- Bright LED light source
- Low heat emissions
- Long life span: 30,000~50,000hrs
- Saving of at least 40% for comparable fluorescent tubes
- Vibration and shock resistant

	Power	Size	Length	Model	Code
3000K	16W	T8	1.2m	16W12T8WW	25600105
4000K	16W	T8	1.2m	16W12T8SW	25600110
3000K	8W	T8	0.6m	8W06T8WW	25600020
4000K	8W	T8	0.6m	8W06T8SW	25600025

FIXTURES

T5 ENVIRONMENTAL SLIMLINE TWIN

NELSON



Twin Lamp Fluorescent Fixture with NELSON 15mm Diameter T5, 28W Tubes.

- Up to 35% Energy Saving
- Flicker Free Instant Start
- Latest Technology Electronic Ballasts
- 1200mm long, 40mm deep quality casing
- Bright reflector and efficient diffuser

M5FD228	25120500

ACCESSORIES

36-40W FLUORO TUBE BALLAST

Crompton Lighting



Rigid steel base and conventional mounting.

- Each unit is fitted with a 16 Amp rated
- For 36 (40) Watt fluoro units

EC36-40	25180849

FLUORO TUBE STARTER

Crompton Lighting



Starters for fluorescent lamps offer fast, flicker free ignition for both older style 38mm fluorescent tubes as well as the new energy saving 26mm tubes.

- Fast start
- Flicker free ignition
- Suitable for a range of fluorescent lamp Wattages and tube diameters
- Manufactured to Australian Standards AS 3193-1993 and AS 4111-1993

FS2	series operation 18/20W	FS2	25180913
FSU	single tube 4-65W	FSU	25180900

INSTANT ELECTRONIC FLUORO TUBE

NELSON



Starts tubes immediately without flickering compared to conventional starters.

- Automatically switches off faulty fluorescent lamps
- Up to 25% longer life expectancy of globes
- Reduces lamp replacement costs through having to replace them less often
- Pressing RED button instantly resets the unit
- Operating life up to 10x longer than normal starters
- Universally suitable for nearly all fluorescent lamps in the range 18 ~ 65W
- Interchangeable with conventional starters

MSE11	25180923

OUTDOOR

SAFE GUARD SENSOR LED LIGHT

GP



- Runs on 4x 'C' batteries

Single	130 lumen	GPRF3B	25120918
Dual	260 lumen	GPRF4B	25120922

LED SENSOR FLOODLIGHT

Verbatim



- Integrated floodlight for metal halide lamp replacement
- Outdoor use only
- Cool white 6500K
- IP65 waterproof

30W	65457	25332376
50W	65459	25332378

LED SENSOR FLOODLIGHT

Verbatim



Integrated Floodlight for metal halide lamp replacement.

- IP65 water-proof and IK07 impact proof
- 7-10 metre sensor detection range (120° detection angle)

10W	65639	25122320
30W	65640	25122322
50W	65641	25122324

THE TULI LED MINI SPOTLIGHT

HPM



D.I.Y. LED Garden Lights.

- 12V AC
- Lumen output: 260lm
- IP rating: IP68
- CCT: 3000K
- Finish: Aluminium Powder-coated Black
- Wiring connection: Jaw Lock connector

GLLED005	25122342

20M DIY PARTY LIGHT KIT

Crompton Lighting



Set the mood for your entertainment area

- 20 metres of cable with pre-fitted light sockets
- 20x clear FR BC lamps included
- Flex and plug for easy installation into 3-pin socket
- Easy and quick installation
- Indoor/protected outdoor use

CPL20FRC25	25122310

WALL MOUNTED LED FLOODLIGHT

ULTRACHARGEE ELECTRICAL



- 120°
- Black Aluminium construction
- IP65 rating (IP44 with supplied cable)
- 220-240V 50Hz

20W	2200lm	UR200FL20WB	25122347
30W	2400lm	UR200FL30WB	25122349
50W	4000lm	UR200FL50WB	25122351

20 WATT SENSOR LED FLOODLIGHT

ULTRACHARGEE ELECTRICAL



Slim line outdoor flood light with sensor.

- Colour: Black
- Aluminium body
- Wattage: 20W
- Compact PIR sensor

UR200FL20GB	25122353

SOLAR SENSOR SPOT LIGHT



Solar rechargeable sensor spot light.

- An all-in-one light, which turns on automatically at night when the built-in PIR detects movement
- Lumens: 250
- Motion detective distance: 5m
- Dimensions: 210(L) x 210(W) x 140(D)mm

SL3238	25600348

WORK LIGHTS

RECHARGEABLE LED WORK LAMP

Perfect Image



Handy travel or work light.

- USB charging
- SMD (LED) 300lm
- LED torch 180lm
- 3.7V 2200mAH Lithium battery
- Charge time 4-5hrs
- Run time up to 3hrs worklight / 4hrs torch

WL300R 12654920

ROADSIDE COB LED SAFETY WAND

TOMCAT



Roadside COB LED safety wand.

- 3 operating modes
- Ideal for car glove box
- LED Life: Approx. 100,000hrs
- Power: 3x "AAA" batteries (included)

XT041C 12658787

2X 20W LED TRIPOD WORK LIGHT

ULTRACHARGE ELECTRICAL



Lightweight portable height adjustable LED work light.

- 2x 20W
- 1.6m max. height
- Lightweight aluminium
- 3200lm
- IP65 rated

UR200FL20WS1 25122390

10W RECHARGEABLE LED FLOODLIGHT

DOSS



Ideal for camping and outdoor recreation activities, or simply to find your way to the garden shed at night!

- 10W Epistar Chip LED
- Rechargeable lithium battery
- 500~650 Lumens
- 3hr operating time
- 120° illumination
- Weather-resistant

RFL10W 25122430

LED STRIP

LED ALUMINIUM STRIP LIGHT



Rigid aluminium LED light strip.

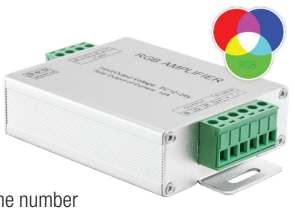
- 15 LEDs / 3.6W
- 295mm length
- Pure White (6000-6500K)
- IP67 Waterproof
- 120° beam angle

14W	60x LEDs	1035mm	LEDSTRALU1010MM	25332790
7.2W	30x LEDs	510mm	LEDSTRALU510MM	25332785
3.6W	15x LEDs	295mm	LEDSTRALU250MM	25332780

ACCESSORIES

RGB LED AMPLIFIER DC12V 12A

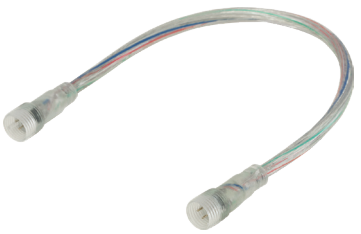
DOSS



Connect twice the number of LEDs into your LED strip lighting system.

LEDAMP2 25332662

4-PIN WATERPROOF CONNECTOR



- Waterproof connector to connect LED RGB strip
- 15cm length

Plug to Plug	RGB15PP	25332712
Socket to Socket	RGB15SS	25332713
Plug to Bare end	RGB15P	25332710
Socket to Bare end	RGB15S	25332711

2.1MM DC POWER PLUG BARE END



- Waterproof DC connector
- 2.1mm Diameter DC plug
- Ideal cable for LED Strip
- Bare end

PW8195 30978195

TORCHES & LANTERNS

4-IN-1 RADIO TORCH AND CHARGER



Internal Lithium Polymer (LiPo) Battery.

- Dynamo Crank Power Backup
- Dual-Function Torch
- AM / FM Radio
- Emergency Siren3
- USB charger

AR1771 12657520

HI-POWER FOCUSING LED TORCH

TOMCAT



Tomcat XT019F 3 Watt LED torch.

- Ultra durable metal build torch
- Super bright 3W LED
- Strobe or Fixed
- Illuminated collar
- Focusing Lens to concentrate on a small or large area
- Powered by 3x "AAA" batteries (included)

XT019F 12657508

0.5WATT LED TORCH XT019A

TOMCAT



Perfect for camping, fishing or any task that requires a little light on the subject. The .5 Watt LED Torch provides you with excellent viewing distance and the TOSHIBA Super Heavy-duty battery (supplied) provide outstanding life span.

- Powerful 0.5W super bright LED
- Comes in 1 of 6 colours
- Useful in the car, home and outdoors
- Powered by 1x "AA" battery (included)
- Includes a wrist strap
- Torch measures 3.8"

TC38AA 12657515

16X LED SUPERBRIGHT 6V LANTERN

Camelion



Super Long Lasting LED Technology.

- Up to 500hrs of continuous use on a single 6V battery!
- 16 high power LED's rated for 100,000hrs use
- 3X longer distance beam compared to regular LED globes
- Durable plastic shell
- Weather resistant design
- Easy grip ergonomic handle
- Package includes 6V battery

16LEDT6V 12650730

9X LED SUPERBRIGHT AA LANTERN

Camelion



Super Long Lasting LED Technology.

- Up to 150hrs of continuous use on a single set of batteries!
- 9 high power LED's rated for 100,000hrs use – Never require replacement!
- 3X longer distance beam compared to regular LED globes
- Durable plastic shell made of shatter proof high impact resin
- Weather resistant design
- Easy grip ergonomic handle with push button switch
- Package includes 4x "AA" batteries

9LEDT4AA 12650720

RECHARGEABLE MINI LED COB

PerfectImage



Handy compact USB rechargeable LED cob light.

- 2 modes: Hi 65 lumens / Low 22 lumens
- 3.7 Volt 100mAH Li-Ion battery
- Comes in 1 of 3 colours: Dark Blue, Orange or Red
- Slide out USB connector for charging
- Charge indicators

USBCOB 12654904

TOMCAT 3X 3W COB LANTERN

TOMCAT



Simple Pull-Up 9W COB LED lantern.

- Lightweight and compact
- Pull-Up to turn On
- Brightness: 450lm
- 3x "AA" batteries (Included)
- Dimensions: Ø85 x 125(H)mm

XT057 12657523

DURACELL 3W LED TORCH 120LM

DURACELL



- Wattage: 3 Watts
- 120 Lumens brightness with range of 160m
- Anti-slip Grip for easy handling in variable conditions
- Includes 4x "AA" batteries

PWR10 12658701

DOCTORS PEN LIGHT TORCH

Camelion



- Durable aircraft aluminium body
- Security push button switch
- Powered by 2x "AAA" batteries (Included)
- Convenient pocket clip

PL2AAA 12658705

CREE LED RECHARGEABLE TORCH

PowerCell



Powercell IN SIGHT PCLED07 Torch.

- 5 Watt CREE LED
- Rechargeable
- Li-Ion battery
- Comes with AC Mains and Low voltage chargers
- 3.7V

PCLED07 12658718

TORCH WITH WORLD TIME CLOCK



- Rotary time zone dial
- Bright display with calendar and temperature
- High brightness torch

XC0103 12658721

9V LED TORCH TOMSNAP

PowerCell



Compact GP Blocklite.

- Includes PC1604 Battery
- Switchable 2 or 6 LEDS
- Lumen: 30

PC8056W1G 12658738

3W ALUMINIUM TORCH

DOSS



- 120 lumens
- Powered by 3x "AAA" batteries
- Lighting distance: 120m approx.

HT3W 12658800

3W COB LED WORK LIGHT

Camelion



- Powerful 3W LED
- Energy savings up to 80% more than incandescent bulbs
- Strong magnet face plate and 360° retractable hook
- Up to 20hrs continuous lighting

CAT5240WL 12658763

3W COB LED WORK LIGHT

Camelion



Camelion 28 LED work light.

- Dual Mode beam selector (4 / 24 LED)
- Magnet and 360° hook for hands free
- Great travel light

CAT7280N 12658773

MINI ALUMINIUM POCKET TORCH

TOMCAT



- 9x super bright LEDs
- Comes in 1 of 4 colours: Black, Silver, Red and Blue
- Useful in the car, home and outdoors
- Mini size: Ø27 x 90(L)mm
- Aluminium construction gives strength without heavy weight
- 3x "AAA" Super Heavy-duty Toshiba batteries included

TC35AAA 12658742

EXTENDABLE MAGNETIC TORCH

TOMCAT



Xtime XT044 Extendable magnetic torch.

- Extendable to 56cm
- Flexible head
- Magnetised head & base
- Aluminium body
- 4x LR44 batteries included
- Comes in 1 of 5 colours: Black, Silver, Red, Blue or Chrome

XT044 12658789

3W MOTION ACTIVATED HEAD LAMP

DOSS®



3W CREE XPE LED.

- Motion sensor
- Three lighting modes
- Angle adjustment

HL3WS 12658802

52 LED RECHARGEABLE WORK LIGHT



Ideal worklight for vehicles, outdoor activities, emergency & workshop.

- LED life span more than 100,000hrs
- Built-in Lithium rechargeable batteries
- Water oil & shock resistant

LED52 12658810

XTRAFLEX LED BOOK LIGHT

SANSAI



Clip-on Book Light.

- Bendable arm
- Slide switch, LED bulb
- Battery Life up to 40hrs
- Takes 2x CR2016 batteries (Included)
- Clamshell packing, 12/96
- Unit Size: 26.5x2.5x2cm

GLH826 25120855

DYNAMO SOLAR READING LAMP

DOSS®



Ever been stuck in the dark with a torch with flat batteries?! The XLN609 is a convenient solution for emergency situations, and has all the features you could need when a crisis occurs.

- 3 methods of charging – solar, USB, and hand-crank!
- Super bright 3x LED torch
- 12x LED Lamp with 180° rotation
- Built-in siren and blinking light
- FM Radio with built-in speaker
- Portable USB charger built-in – charge your mobile phone or other USB devices from stored battery power!

XLN609 25120900

MOSI ZAPPER WITH LED LANTERN



Great for camping or at home.

- Bug zapper plus LED lantern
- 3 light levels
- Charged by USB
- Size: Ø90 x 130(H)mm

YS5544 25125349

CAMPING LANTERN WITH FAN



Portable and lightweight, its ideal for traveling or camping.

- Desktop mountable or hook hanging
- High speed 6,500RPM fan
- 12x LED 200lm lighting
- Powered by 3x "AA" batteries (not included)

GH1290 25125355

GLOBES

INCANDESCENT

REFLECTOR EDISON SCREW GLOBE

Crompton Lighting



R80 Mirror backed reflector lamps for down light fittings and shop display lighting.

- Light Angle: 80°

100W	100WR80	25507020
60W	60WR80	25506905
75W	75WR80	25506990

PAR38 ES CLEAR FLOOD LAMP HARD

Crompton Lighting



Quality hard glass incandescent PAR38 reflector lamps which can be used in both indoor and exposed outdoor applications.

- Prismatic hard glass lens
- Floodlight beam of 30°
- Internally fused for safety
- Manufactured to Standard IEC 60064 and IEC 60630
- Watts: 150W
- Voltage: 240/250V
- Finish: Flood

150W Hard glass 150WCHG 25506837

FLUORO

28W T5 ENVIRONMENTAL FLUORO



This range of tri-phosphor T5 fluorescent lamps features higher light output for the same energy consumptions as the standard T8 fluorescent, with a lower rate of light loss with age. Their longer effective lamp life combined with their superb colour rendering capabilities makes them a value for money solution to lighting applications.

- Rated average lamp life: 10,000hrs with a standard control gear and up to 18,000hrs with a warm start electronic control
- 1163mm Pin to Pin
- 28 Watt T5
- Natural Colour (5000K)

M5T28NC 25581500

ENERGY EFFICIENT FLUORO TUBE

Crompton Lighting



This range of quality 16mm and 26mm diameter low Wattage fluorescent lamps is suitable for use in emergency, cabinet and task lighting applications.

- For domestic and commercial task and accent lighting applications where a compact and efficient source of light is required
- Ideally suited for use in a cabinet lighting and emergency luminaries
- Suitable for indoor use only
- Frosted for even light output

	Power	Size	Length	Frosted	Model	Code
6000K	58W	T8	1500mm	■	58WDL	25582525
4000K	4W	T5	150mm	■	4WCW	25582001
4000K	36W	T8	1200mm	■	36WCW	25582365
6000K	36W	T8	1200mm	■	36WDL	25582495
4000K	15W	T8	450mm	■	15WCW	25582195
4000K	8W	T5	300mm	■	8WCW	25582065
4000K	13W	T5	525mm	■	13WCW	25582129
4000K	10W	T8	343mm	■	10WCW	25582097

CIRCULAR FLUORO TUBE



This range of quality 29mm circular fluorescent lamps offer the same advantages as linear fluorescent tubes.

- For domestic and commercial applications
- Illuminated signs and displays
- Suitable for indoor use only
- Cool White (4000K)
- 4-pin base

	Power	Base		Model	Code
4000K	40W	4-Pin	16"	40WCIR	25583129
4000K	32W	4-Pin	12"	32WCIR	25583065
4000K	22W	4-Pin	8.25"	22WCIR	25583001

HALOGEN

150W HALOGEN FLOODLIGHT GLOBE



Spare 150W tungsten halogen tube to suit HL8 floodlight.

HT150	25122355

12V HALOGEN DICHROIC LAMP



Multi-coated reflector passes 85% of the heat backwards to protect heat sensitive items.

- Brighter and more natural colour is achieved than conventional incandescent lamps of similar wattage
- Base: GX 5.3
- Ø50mm x 45mm deep

35W	60° beam	IRC-FNV	25331075
35W	39° beam	EXN	25331024

12V 50W HALOGEN DOWN LIGHT 2-PACK

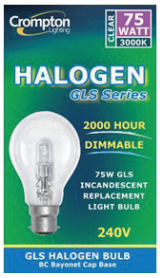


For domestic and commercial accent, task and decorative lighting.

- Ideally suited to display lighting and picture lighting
- Suitable for use indoors and in protected exterior applications
- Warm White (2800K)
- Fitting/Base: MR16 / GU5.3
- Power: 50W / 12V
- Beam Angle: 60°

GLAM1650	25331112

HALOGEN ENERGY SAVING GLOBE



Crompton's Halogen GLS series is a range of mains voltage halogen lamps that may be used as a replacement lamp for GLS incandescent lamps offering the significant benefits of longer lamp life.

- UV-STOP quartz capsule
- 2,000hr lamp life
- Dimmable
- 240V AC
- Bright white (3000K)

	Power	Base	Model	Code
3000K	60W	ES [Edison]	60WHES	25507070
3000K	100W	ES [Edison]	100WHES	25507075
3000K	60W	BC [Bayonet]	60WHBC	25507080
3000K	100W	BC [Bayonet]	100WHBC	25507085

500W HALOGEN FLOOD LIGHT GLOBE



- Clear linear flood lamp
- Average life: 2,000hrs
- 240V 500W (Not to be touched with bare hands)

QI500FL	25506870

RESIDENTIAL BI-PIN HALOGEN GLOBE



Extremely high quality and high performance globe. Allows for amazing clarity and extreme accuracy when used for professional applications.

250W	24V	250W24V	25801783
150W	24V	150W24V	25801751
100W	12V	100W12V	25801017
50W	12V	50W12V	25801001
20W	12V	20W12V	25801010

LED NON-DIMMABLE

MOON BEAM LED VINTAGE GLOBE



Classic vintage look and style. Shaped like a traditional round globe and fits regular light fittings with 4 pieces of 41mm filament LED.

- 6 Watt 2700K Cool White LED
- E27 screw base
- 600lm
- LED life approx. 12,000hrs
- Size: Ø125 x 170(H)mm

G125	25585008

3.5W E14 CANDLE LED WARM WHITE GLOBE





Lamp power 3.5W.

- Supply voltage 220V-240V 50Hz
- Base: E14
- Luminous 250 Lumens
- CRI 80
- Beam Angle 180°
- LED lamp Life 25,000hrs
- Colour Temperature 2700K Warm White

S8285	25585044

3.5W B22 CANDLE LED WARM WHITE GLOBE





B22 candle.

- 240V
- 3.5W 250lm Warm White
- Clear dome

S9080	25585060

6W 480LM LED SENSOR GLOBE



A great solution for indoor sensor lighting, saving the need to constantly reach for the lightswitch.

- 6 Watt 3000K Warm White LED
- Easy to install
- In-built passive infrared (PIR) motion sensor
- Equivalent to (incandescent): 40W

	Power	Base	Model	Code
3000K	6W	BC [Bayonet]	65594	25586026
3000K	6W	ES [Edison]	65593	25586028

VERBATIM ELECTRONIC LED DRIVER



Electronic transformer for 12V LED lamp.

- Compatible with majority of MR16 and AR111 LED
- Live and Neutral looping connectors for cascading multiple transformers

52901	25586036

E14 MINI LED GLOBE 4.5W 350LM

Verbatim



- Frosted dome
- Slim design, same size as mini globe incandescent
- Lifetime of 20,000hrs
- Non-dimmable
- 86% Energy Saving

64481	25586042

E27 MINI LED GLOBE 4.5W 470LM

Verbatim



- Frosted, slim design, same size as mini globe incandescent
- E27 lamp base
- Non-dimmable

64482	25586050

B15 MINI LED GLOBE 4.5W 350LM

Verbatim



Replacement for 32W incandescent lamp.

- Slim design, same size as mini globe incandescent
- E14 lamp base
- Non-dimmable
- 4.5W, 350lm

64483	25586052

B22 MINI LED GLOBE 5.9W 470LM

Verbatim



Replacement for 32W incandescent lamp.

- Slim design, same size as mini globe incandescent
- B22 lamp base
- Non-dimmable
- 4.5W, 350lm

65223	25586054

B22 CLASSIC A 5.5W LED GLOBE

Verbatim



- Equivalent to (incandescent): 40W
- Frosted dome
- Non-dimmable

	Power	Base	Model	Code
Cool White	510lm	B22	65225	25586060
Warm White	480lm	B22	65097	25586062

E27 CLASSIC A 5.5W LED GLOBE

Verbatim



- Equivalent to (incandescent): 40W
- Frosted dome
- Non-dimmable

	Power	Base	Model	Code
Warm White	480lm	E27	65091	25586068
Cool White	510lm	E27	65224	25586066

E27 CLASSIC A 8.8W LED GLOBE

Verbatim



- Equivalent to (incandescent): 60W
- Frosted dome
- Non-dimmable

	Power	Base	Model	Code
Warm White	820lm	E27	65093	25586120
Cool White	820lm	E27	65226	25586122

B22 CLASSIC A 9W LED GLOBE

Verbatim



- Equivalent to (incandescent): 60W
- Frosted dome
- Non-dimmable

	Power	Base	Model	Code
Warm White	820lm	B22	65099	25586124
Cool White	850lm	B22	65227	25586126

LED DIMMABLE

INTEGRATED OYSTER LIGHT

Verbatim

- IP54 rated, suitable for damp location installation
- Slim design, only 40mm thick
- Triac-Dimmable, compatible with Clipsal dimmers
- Replaces circular type fluorescent tube

12W	250mm	65440	25332385
18W	300mm	65441	25332386
25W	350mm	64798	25332387

E27 CLASSIC A 9W DIMMABLE

Verbatim



E27 Classic A Globe Warm White.

- Triac dimmable
- 9W 810lm 2700K
- Compatible with Clipsal Leading/ Trailing/Universal dimmers
- Frosted dome
- Replacement for 60W incandescent lamp

65320	25586070

DIMMABLE B22 LED GLOBE 810LM

Verbatim



B22 Classic A Globe Warm White.

- Triac dimmable
- 9W 810lm 2700K
- Frosted dome
- Replacement for 60W incandescent lamp

65321	25586072

E14 CANDLE 6W CLEAR DIMMABLE

Verbatim



E14 Candle.

- Triac dimmable
- 6W 470lm 2700K Warm White
- Clear dome

65119	25586090

E27 CANDLE 6W CLEAR DIMMABLE

Verbatim



E27 Candle.

- Triac dimmable
- 6W 470lm 2700K Warm White
- Clear dome

65120 25586092

B15 CANDLE 6W CLEAR DIMMABLE

Verbatim



B15 Candle.

- Triac dimmable
- 6W 470lm 2700K Warm White
- Clear dome

65121 25586094

B22 CANDLE 6W CLEAR DIMMABLE

Verbatim



B22 Candle.

- Triac dimmable
- 6W 470lm 2700K Warm White
- Clear dome

65122 25586096

E14 MINI GLOBE 6.2W DIMMABLE

Verbatim



E14 Mini Classic Globe.

- Triac dimmable
- 6.2W 470lm 3000K Warm White
- Frosted dome

65812 25586098

E27 MINI GLOBE 6.2W DIMMABLE

Verbatim



E27 Mini Classic Globe.

- Triac dimmable
- 6.2W 470lm 3000K Warm White
- Clear dome

65355 25586100

B15 MINI GLOBE 6.2W DIMMABLE

Verbatim



B15 Mini Classic Globe.

- Triac dimmable
- 6.2W 470lm 3000K Warm White
- Frosted dome

65114 25586102

B22 MINI GLOBE 6.2W DIMMABLE

Verbatim



- Clear dome
- Slim design
- Replacement of 40W incandescent lamp
- Lifetime of 15,000hrs
- Triac dimmable (with leading/ universal/trailing type dimmer)

65364 25586106

E27 CLASSIC A 9W DIMMABLE

Verbatim



E27 Classic A Globe Cool White.

- Triac dimmable
- 9W 850lm 4000K
- Replacement for 60W incandescent lamp
- Frosted dome

65232 25586108

B22 CLASSIC A 9W DIMMABLE

Verbatim



B22 Classic A Globe Cool White.

- Triac dimmable
- 9W 850lm 4000K Cool White
- Replacement for 60W incandescent lamp
- Frosted dome

65238 25586110

LED WI-FI SMART

E27 WI-FI LED GLOBE 600LM 2700K

tp-link



- Easy setup and control from anywhere with the free Kasa App
- Dimming flexible white light for customized lighting
- B22 bayonet adapter included

LB100 25586140

E27 WI-FI LED GLOBE 800LM 2700K

tp-link



- Control your lights from anywhere with your tablet or smartphone
- Dimmable light
- B22 bayonet adapter included

LB110 25586142

E27 WI-FI LED GLOBE DIMMABLE

tp-link



- Manage remotely
- Voice control
- Dim brightness and fine-tune light appearance from soft white (2700k) to daylight (6500k)
- B22 bayonet adapter included

LB120 25586150

COLOUR CHANGING HUE WI-FI GLOBE



- Manage remotely
- Colour changing hue
- Voice control
- Dim brightness and fine-tune light appearance from soft white (2700k) to daylight (6500k)
- B22 bayonet adapter included

LB130	25586152

MES / TORCH SPARES

MES LENS GLOBE



Low voltage mini lamps for flashlights, indicators, etc.

- Lens tip
- Diameter: 10mm

Voltage	Current	Model	Code
2.2V	250 mA	1155LP	25640337
1.2V	220 mA	1151LP	25640257

2.4V 1.2W MINIATURE BAYONET

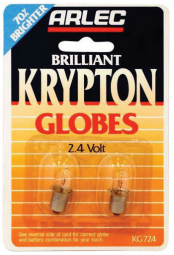


Miniature bayonet lamp.

- Voltage: 2.4V
- Wattage: 1.2W
- Prefocused

E3682	25640359

2.4V PREFOCUS KRYPTON GLOBE



Prefocus Globes. Low voltage mini lamps for flashlights, indicators, etc.

- Voltage: 2.4V
- 700mA
- 2-pack

Voltage	Current		Model	Code
2.4V	700mA	2PK	KG724	25640365

ROUND MES GLOBE



- Diameter: 10mm

Voltage	Current	Model	Code
2.5V	500mA	1161LP	25640377
3.8V	300mA	13LP	25640489
12V-16V	250mA	54LP	25641065

4.8V FLANGE TYPE TORCH GLOBE

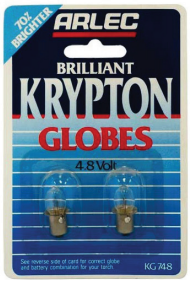


Suitable for 4x D batteries / lantern.

- 2-pack

Voltage	Current		Model	Code
4.8V	750mA	2PK	SL3208	25640562

4.8V PREFOCUS KRYPTON GLOBE



Prefocus Globes. Low voltage mini lamps for flashlights, indicators, etc.

- Voltage: 4.8V
- 2-pack

Voltage	Current		Model	Code
4.8V	750mA	2PK	KG748	25640567

TUBULAR LES LAMP



Low voltage mini lamps for flashlights, indicators, etc.

- Current: 60mA
- Diameter: 5mm

Voltage	Current	Model	Code
12V	60mA	12VLES	25641025

6V 1000MA ROUND MES LAMP



- Voltage: 6.8V
- Current: 450mA
- Diameter: 10mm

Voltage	Current	Model	Code
6V	1000mA	50LP	25640821

50MA LAMP WITH LEAD



Mini Lamps with 150mm PVC leads.

- Current: 50mA

Voltage	Current	Model	Code
24V	50mA	24VLD	25641301
12V	50mA	12VLD	25641089
6V	50 mA	6VLD	25640853

12V GLASS WEDGE-BASE GLOBE



- Voltage: 12V

Voltage	Current	Model	Code
12V	420mA	12VT10	25641107
12V	10mA	12VT5	25641105

28V 40MA MID-FLANGE LAMP



Low voltage mini lamps for flashlights, indicators, etc.

- Midget flanged base globes
- Voltage: 28V
- Current: 50mA

Voltage	Current	Model	Code
28V	40mA	ORD387	25641150

110V NEON LAMP / GLOBE



Neon with wire leads. Low voltage mini lamps for flashlights, indicators, etc.

- Voltage: 110V (220K resistor for 240V)

110V	NE2 25642001

GLOBE ACCESSORIES

CERAMIC BASE LAMP HOLDER



Ceramic heatproof socket supplied with 200mm leads.

LVLH	25330100

MES BATTEN LAMP HOLDER



Plastic Low voltage MES batten lampholder.

- For panel mounting
- 10mm Diameter
- Black

MESBAT	25722118

CABLES & CABLE ACCESSORIES

AUDIO/VIDEO LEADS 258
- HDMI 258
- SCART 261
- COMPOSITE AV 262

VIDEO LEADS 262
- COMPOSITE 262
- S-VIDEO 262
- COMPONENT 262
- HDMI/DVI/VGA 262
- BNC 263

AUDIO LEADS 263
- GENERAL 263
- OPTICAL 266
- COAXIAL 267

COMPUTER LEADS 267
- IPHONE/IPAD 267
- SAMSUNG 267
- D RANGE 268
- DIN 268
- VGA 268
- DISPLAYPORT 269
- FIREWIRE 270
- USB 270
- FIBRE PATCH 272
- CAT7 PATCH 273
- CAT6/6A PATCH 273
- CAT5 PATCH 274
- CROSSOVER 274
- PC INTERNAL 274

POWER LEADS 274
- APPLIANCE 274
- EXTENSION 277

TEST LEADS 278

TV FLYLEADS 278
- PAL - PAL 278
- F TYPE - F TYPE 278
- PAL - F TYPE 279
- EXTENSION LEADS 279

CABLE (ROLLS & BOXES) 279
- VIDEO 279
- AUDIO & MICROPHONE 279
- AUTOMOTIVE 280
- COMPUTER 281
- TELEPHONE 281
- CAT5/6 282
- HOOKUP 283
- POWER 283
- SPEAKER 283
- INTERCOM 285
- SECURITY 285
- COAX 286

CABLE ACCESSORIES 288
- CABLE CLIPS 288
- CABLE TIES 289
- CABLE BINDING 290
- CABLE STORAGE 290
- HDMI LOCK 291

HEAT SHRINK 292
- HEAT SHRINK SLEEVING 292
- ADHESIVE HEAT SHRINK 292
- HEAT SHRINK REELS 292
- HEAT SHRINK LABELS 292
- HEAT SHRINK TAPE 292

CABLES & CABLE ACCESSORIES

NEW PRODUCTS

1-PORT USB 2.0 CAT5 EXTENDER



- Industrial Grade Extender
- USB 2.0 interface, backwards compatible with USB 1.1/1.0
- Maximum distance between Local and Remote Unit: 150m
- Connection via CAT5 (or higher) cable

UE1P	09051725

RG11 QUAD SHIELD COAX CABLE - 100M

DOSS®



Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The screening/outer-conductor is an aluminium tape covered with woven aluminium braid.

- PVC Jacket: Ø10.3mm
- 14AWG / Ø1.63mm CCS (Copper Coated Steel)
- Bonded Aluminium Foil + Braid Aluminium Shield (96x Ø0.16mm, 60% Coverage)

Sold by	Roll Length	Type	Model	Code
Roll	100m	RG11	RG11QDR-100M	05052471

18GBPS ACTIVE OPTICAL HDMI - 10M

kordz



4K UHD 18Gbps Active Optical HDMI Cable.

- Engineered to fit through a 1" conduit
- Active Optical Cable (AOC) 10m Lead
- Reinforced internals for superior pull strength during installation
- Licensed HDMI 2.0 Adopter company
- Light weight & flexible

K36212-1000-CH	27330762

RACK INSTALL THX CERTIFIED HDMI LEAD

kordz



THX® Certification involves a rigorous suite of some 75 tests over and above the HDMI Compliance Test Specification (CTS).

- THX® and Darby certified
- Solid 32AWG OFC conductors
- Licensed HDMI 2.0 Adopter
- Engineered for bespoke commercial AV rack installations
- Die-cast Zn-alloy HDMI connector

0.3m	R3HD0030	27330860
0.6m	R3HD0060	27330862
0.9m	R3HD0090	27330864
1.2m	R3HD0120	27330866
1.5m	R3HD0150	27330868
1.8m	R3HD0180	27330870
2.4m	R3HD0240	27330874
3m	R3HD0300	27330878

KORDZ PRS SERIES HDMI LEAD

kordz



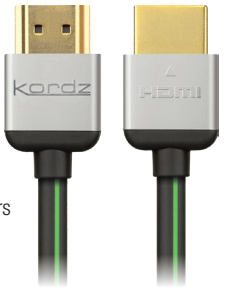
The Kordz PRS HD series of HDMI cables is purpose built for commercial installations.

- Slim die cast metal shell fits into 3/4" conduit
- ProGrip™ connectors keep cables firmly in place
- 3kg retention force
- OFC solid-core TMDS conductors for high signal quality
- CMG in-wall fire-rated jacket
- High Speed provides 4K video up to 18m
- PRS cables over 7.5m utilise RedMere IC technology

0.5m	PRSHD0050	27330796
1m	PRSHD0100	27330797
1.5m	PRSHD0150	27330798
3m	PRSHD0300	27330799
5m	PRSHD0500	27330802
12.5m	PRSHD1250	27330808
15m	PRSHD1500	27330812

HIGH SPEED WITH ETHERNET

kordz



OFC Studio round residential HDMI cable.

- 32AWG OFC Conductors in twisted pair array
- Premium 24k Gold-plated die cast connector
- Halogen free cable jacket and strain relief
- High Speed with Ethernet
- Supports 3D & 4K

1.2m	EVOHD0120R	27331034
1.8m	EVOHD0180R	27331038

AUDIO/VIDEO LEADS

HDMI

18GBPS ACTIVE COPPER HDMI - 10M

kordz



4K UHD 18Gbps SPECTRA7 Active HDMI cable.

- DPL Certified 4K 18G-DC
- High Speed with Ethernet, all lengths
- Spectra 7 Active 10m cable, optimised with VerifEYE™
- Unique grip tab connectors for permanent installations
- Engineered to fit through 1" conduit
- Licensed HDMI 2.0 Adopter company

K36136-1000-CH	27330760

HDMI TO HDMI CABLE

CONNEXIA



All-In-One Digital Sound + Vision Cable.

- HDMI male to HDMI male
- Gold-plated connectors
- Available Lengths: 1m & 4m
- "Snake skin" premium cable

1m	X09183C	27330765
8m	X09483C	27476009

THX CERTIFIED HIGH SPEED WITH ETHERNET

kordz



Kordz THX® Certified 4K UHD HDMI lead.

- Silver plated larger gauge solid conductors
- Die Cast connector
- HDMI High Speed with Ethernet

1.2m	EVSHD0120R	27331050
1.8m	EVSHD0180R	27331054
5m	EVSHD0500R	27331058

KORDZ PRO SERIES HDMI LEAD

kordz



The Kordz PRO-HD series of HDMI leads are an economical, purpose-designed commercial grade for reliability and longevity.

- Slim, flexible, round profile cables
- Shallow mounting depth
- ProFit™ connector fits firmly into HDMI receptacle
- OFC solid-core TMDS conductors for high performance
- CMG in-wall fire rated jacket
- 1kg retention force

0.5m	PROHD0050	27330771
1m	PROHD0100	27330772
1.5m	PROHD0150	27330773
2m	PROHD0200	27330774
3m	PROHD0300	27330776
5m	PROHD0500	27330782
10m	PROHD1000	27330784
15m	PROHD1500	27330792
20m	PROHD2000	27330794

THX CERTIFIED HDMI LEAD

kordz



The R3 HDMI range have been developed in 1ft (0.3m) increments (up to 3m) for rack fitoffs.

- Small head and tight bend radius make them suitable for most jobs
- Full 4K, 18Gbps (up to 2.4m) and full THX® Certification

2.1m	R3HD0210	27330872
2.7m	R3HD0270	27330876

MINI HDMI TO HDMI A LEAD - 2M

Pro.2 Providing AV Solutions



Suitable for High Definition image resolutions such as 480p, 480i, 720p, 1080i & 1080p.

- Full HDMI & HDCP Compatible
- Suitable for High Definition image resolutions such as 480p, 480i, 720p, 1080i & 1080p
- HDMI to Mini HDMI Cable
- Length: 2m

	HLV1130	27331130

MINI HDMI TO HDMI LEAD - 3M

&ware®



Mini HDMI V1.3 Male to Mini Male Cable 3m.

	RCMHDMI3	27331110

HDMI PLUG TO 2X SOCKETS - 0.3M

Pro.2 Providing AV Solutions



HLV1140 is suitable for equipment that is not HDCP compliant such as DVD players to split one HDMI signal to 2 monitors. It only works as a splitter not a switcher.

- Gold-plated HDMI 19-pin connector
- HDMI 19-pin plug to 2x HDMI sockets
- Includes transparent dust cover
- AWG: 30
- Length: 0.3m

	HLV1140	27331140

HDMI EXTENSION LEAD - 0.5M

Pro.2 Providing AV Solutions



0.5m HDMI extension lead with gold-plated connectors.

- PVC jack
- 28AWG
- Gold-plated

	HLV1145	27331145

HDMI LEAD WITH SWIVEL PLUG - 1M

Pro.2 Providing AV Solutions



HDMI lead with swivel plug.

- AWG: 28
- With one swivel plug
- Gold-plated
- Length: 1m

	HLV1150	27331150

MICRO HDMI TO HDMI A LEAD - 2M

Pro.2 Providing AV Solutions



- High speed with Ethernet
- HDMI type A plug to HDMI type D (micro) plug
- Gold-plated connector
- Length: 2m

	HLV1165	27331165

LOCKING HDMI EXTENSION LEAD

Pro.2 Providing AV Solutions



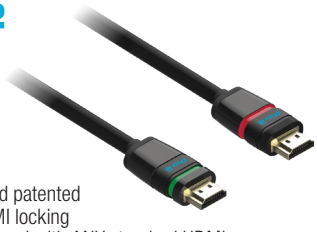
Same great features as the Pro.2 EasyLock Locking HDMI Leads.

- HDMI-A Plug to HDMI-A Socket for extending HDMI Leads
- Perfect for through-wall, bull-nose/brush plate connections

0.5m	ELHHS005	27331170
2m	ELHHS020	27331172
3m	ELHHS030	27331173

EASYLOCK HDMI LEAD

Pro.2 Providing AV Solutions



The unique and patented EasyLock HDMI locking cable can be used with ANY standard HDMI device to prevent accidental disconnection.

- Audio Support for 32-channel digital audio and lossless compressed digital audio formats Dolby TrueHD and DTS-HD Master Audio
- Supports all the latest 4K Ultra HD TV's with resolution up to 3840x2160 (2160p)
- 3D Support defines protocols for major 3D video formats, paving the way for true 3D gaming and 3D home theatre applications
- HDMI Ethernet Channel allows users to take full advantage of IP-enabled devices without a separate Ethernet cable

0.5m		ELHH005	27475800
1m		ELHH010	27475801
1.5m		ELHH015	27475802
2m		ELHH020	27475803
3m		ELHH030	27475804
5m	Directional	ELHH050	27475805
7.5m	Directional	ELHH075	27475806
10m	Directional	ELHH100	27475807

STATIC STATE HDMI CABLE

BLUSTREAM

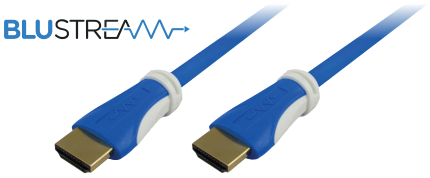


Ideal for installations in racks, cable can be bent and shaped to a fixed position for a neater installation.

- Transmits all video resolutions up to and including 4K
- High Speed with Ethernet
- 3D Compatible
- Deep Colour

0.3m	HDMISS03	27475870
0.5m	HDMISS05	27475875
0.7m	HDMISS07	27475880
1m	HDMISS1	27475885

PERFORMANCE SERIES HDMI LEAD

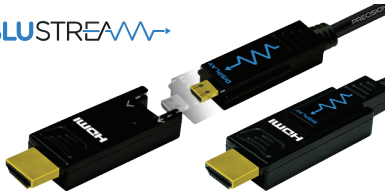


Blustream's Performance HDMI cable transmits all video resolutions up to and including 4K (excluding 10m and 15m).

- 99.999% Oxygen Free Copper
- Video resolutions up to and including 4K
- High Speed with Ethernet
- 3D Compatible
- Deep Colour

0.5m	HDMIP0.5	27475822
1m	HDMIP1	27475826
2m	HDMIP2	27475830
3m	HDMIP3	27475834
5m	HDMIP5	27475838
7m	HDMIP7	27475842
10m	HDMIP10	27475846
15m	HDMIP15	27475850

AOC 18GBPS HDMI CABLE - 30M



Unprecedented resolution and distance support for the custom installation industry.

- Length: 30m
- 18Gbps guaranteed
- Supports 4K UHD video including 4K 60Hz 4:4:4
- Supports full HDR 10, 12 and 16-bit colour depths
- Optimised design for the toughest installation environments

	HDMI18G-30	27475940

HDMI LEAD WITH ETHERNET



Supports HDMI 2.0 and HDMI 1.4.

- Supports all the latest 4K Ultra HD TV's with resolution up to 3840x2160 (2160p)
- HDMI Ethernet Channel allows users to take full advantage of IP-enabled devices without a separate Ethernet cable
- Supports maximum bandwidth up to 18Gbps
- Audio Return Channel
- Available Lengths: 1m, 2m, 3m & 5m

1m	HDMI1M	27475998
2m	HDMI2M	27475999
3m	HDMI3M	27476005
5m	HDMI5M	27476007

FLAT CONTRACTOR SERIES HDMI LEAD



With gold-plated plugs and oxygen free copper conductors, the Contractor Series can deliver 4K Ultra Full HD video and HD audio with minimal loss or interference.

- Functional, flat, low-profile design!
- Supports 3D, 4K and Deep Colour formats
- Supports ARC, CEC and Ethernet over HDMI

0.3m	HLVF0.5	27476000
1m	HLVF1	27476002
2m	HLVF2	27476003
3m	HLVF3	27476004
5m	HLVF5	27476006

HDMI TO HDMI LEAD GOLD - 4M



All-In-One Digital Sound + Vision Cable.

- HDMI male to HDMI male
- Gold-plated connectors
- Length: 4m
- "Snake skin" premium cable

	X09480	27476010

ROUND CONTRACTOR SERIES HDMI LEAD



With gold-plated plugs and oxygen free copper conductors, the Contractor Series can deliver 4K Ultra Full HD video and HD audio with minimal loss or interference.

- Supports 3D (10m & 15m Lengths), 4K (10m & 15m Lengths) and Deep Colour formats
- Supports Ethernet over HDMI (10m & 15m Lengths), ARC, and CEC

10m	High Speed with Ethernet	HLVR10	27476011
15m	High Speed with Ethernet	HLVR15	27476016
20m	High Speed (Repeater)	HLVR20	27476020
30m	High Speed (Repeater)	HLVR30	27476030
40m	High Speed (Repeater)	HLVR40	27476040

HDMI TO HDMI CABLE GOLD - 8M



HDMI (A-Type) to HDMI (A-Type) braided cable.

- OFC - Oxygen Free Copper
- Gold-plated connectors
- Length: 8m

	X07883C	27476012

4K HIGH SPEED HDMI CABLE



8ware digital video and audio cables are professionally designed and constructed using high-grade materials to ensure high-definition performance.

- HDMI Version 1.4
- Audio Return Channel (ARC)
- 3D over HDMI
- 4K Resolution Support (4096x2160)
- 20m model incorporates signal booster

10m	RCHDMI-10	27476013
20m	RCHDMI-20	27476022

MINI HDMI TO HDMI CABLE - 2M



2m Mini HDMI (C-Type) to HDMI (A-Type).

- OFC - Oxygen Free Copper
- Gold-plated connectors

	X05285	27476014

HDMI TO HDMI CABLE - 16M



All-In-One Digital Sound & Vision cable.

- HDMI male to HDMI male
- Length: 16m

	X051683	27476018

FIBRE OPTIC HDMI CABLE

celeritytechnologies



Celerity Fibre Optic HDMI cables are an easy-to-use, plug and play connection between your Blu-ray, DVD, game console, computer, professional video and HDTV. Fibre optic provides the speed and bandwidth needed for the best picture quality for high definition video. Celerity works up to 1000 feet and supports 3D and 4K and Audio Return Channel (ARC).

- Designed for installers
- Detachable Fibre Optic HDMI Connector
- Audio Return Channel (ARC)
- Supported resolutions 3D, 4K, 1080p, 720p, 480p
- Supported features HDMI High Speed, HDCP EDID CEC, Deep Colour
- Future-proof bandwidth and data speeds at 16Gbps and beyond

40ft (12m)	DFO-40P	27476041
60ft (18m)	DFO-60P	27476042
80ft (24m)	DFO-80P	27476043
100ft (30m)	DFO-100P	27476044
160ft (48m)	DFO-160P	27476046
500ft (152m)	DFO-500P	27476048
1000ft (304m)	DFO-1000P	27476049

HDMI 18GBPS ACTIVE OPTICAL CABLE

Pro.2 Providing AV Solutions



Compliant to link with all HDMI A-type connector.

- Data rate: 18Gbps
- Low power consumption
- Applications: Digital home theatre, conference room, LED signboards, outdoor advertising and Stadiums, etc.

20m	HL18GF20M	27476070
30m	HL18GF30M	27476080
50m	HL18GF50M	27476090
70m	HL18GF70M	27476100
100m	HL18GF100M	27476110
150m	HL18GF150M	27476120
200m	HL18GF200M	27476130

SUPER SLIM HDMI LEAD

comsol



Supports HDMI 2.0 and HDMI 1.4.

- Supports all the latest 4K Ultra HD TV's with resolution up to 3840x2160 (2160p)
- HDMI Ethernet Channel allows users to take full advantage of IP-enabled devices without a separate Ethernet cable
- Supports maximum bandwidth up to 18Gbps
- Audio Return Channel

0.5m	HDSS005	27476486
1m	HDSS10	27476488
2m	HDSS20	27476490

ULTRA THIN DESIGNER SERIES HDMI LEAD

Pro.2 Providing AV Solutions



Keep a low profile with this all-in-one ultra-slim HDMI cable.

- 1080p and 4K Ultra HD Compatible
- Advanced 7.1ch Surround Sound
- Full featured HDMI Audio Return Channel (ARC) and Consumer Electronics Control (CEC)

○	0.5m	HLDS0.5W	27476551
○	2m	HLDS2W	27476561
○	3m	HLDS3W	27476566

EARTHQUAKE SOUND HDMI LEAD

EARTHQUAKE SOUND Sound That Will Move You



Earthquake HDMI cables feature the latest HDMI specification, with the bandwidth to ensure a full HD experience beyond, up to 4K resolution. The cables are durable with a construction of tinned pure copper, gold-plated plugs, and a triple-shielded jacket.

- HDMI High Speed with Ethernet Cable (eliminates the need of additional Ethernet cables)
- Audio Return Channel
- Full 3D Support
- Supports Auto Lip-Sync, Dolby TrueHD and DTS-HD
- Triple Shielded

0.45m	HD-1.5	27477005
0.9m	HD-3	27477008
3.6m	HD-12	27477018
6m	HD-20	27477020

18GBPS HDMI LEAD

Pro.2 Providing AV Solutions



Supports a high-bandwidth of 4K resolution 2160p@60Hz, (4X that of 1080p@60Hz), providing a spectacular quality in both video resolution and audio channels at any distance.

- Full 18Gbps bandwidth
- Bi-Directional
- UHD 4K 2160p@60Hz
- 48-Bit Deep Colour
- HDR + ARC

0.5m	HL18G0.5M	27478005
1m	HL18G1M	27478010
2m	HL18G2M	27478015
3m	HL18G3M	27478020
5m	HL18G5M	27478025
7.5m	HL18G7.5M	27478030

DIRECTIONAL 18GBPS HDMI LEAD

Pro.2 Providing AV Solutions



Supports a high-bandwidth of 4K resolution 2160p@60Hz, (4X that of 1080p@60Hz), providing a spectacular quality in both video resolution and audio channels at any distance.

- Full 18Gbps bandwidth
- Integrated Chipset for directional transfer of data
- UHD 4K 2160p@60Hz
- 48-Bit Deep Colour
- HDR + ARC

10m	HL18GA10M	27478040
15m	HL18GA15M	27478050

SCART

SCART TO COMPONENT - 2M

CONNEXIA



Scart plug, 6x RCA plugs to RGB Component Video & RYW Composite Stereo Audio/Video Switchable adaptor.

- Length: 2m

	X05295	27330941

21-PIN SCART PLUG TO PLUG - 1.8M

Pro.2 Providing AV Solutions



For TV to Video interlinking using high quality shielded cable for recording and playback of audio and video signals.

- Pin to Pin shielded cable
- 21-Pin SCART plug to 21-Pin SCART plug
- Length: 1.8m

	LV5124	27475124

SCART TO COMPOSITE LEAD - 1.5M

JONSA



1.5m SCART to 3x RCA AV Lead.

- Foxtel Approved: F10273

	GPCS/3R	27475135

COMPOSITE AV

3.5MM 4-CONTACT TO 3X RCA - 2M



4-Contact 3.5mm plug to 3x RCA plugs.

- Ideal for connecting your video camera to your TV, PVR or amplifier
- Nickel plated connectors
- Length: 2m

	LA1077	27311077

COMPOSITE AV LEAD



- 3x RCA plugs to 3x RCA plugs (Yellow, Red & White)
- Gold-plated connectors

0.3m	LV1002	27471002
1m	LV1004	27471004
2m	LV1005	27471005
3m	LV1006	27471006
5m	LV1110	27471110
10m	LV1115	27471115
15m	LV1117	27471117
20m	LV1120	27471120

PRO 2X RCA TO 2X RCA AV LEAD - 5M



Use for stereo audio.

- 75Ω 24AWG pure OFC cores with double shielding
- Pre-fitted red and white colour bands
- Flexible and durable matte black PVC jacket

	PRO2AV0500	27475230

VIDEO LEADS

COMPOSITE

COAXIAL DIGITAL - 2M



Digital Coax DVD-Amplifier cable.

- RCA plug to RCA plug
- Gold plated connectors
- Length: 2m

	X05215	27330421

RCA PLUG TO RCA PLUG - 1M



- RCA plug to RCA plug
- Gold-plated connectors
- Length: 1m
- "Snake skin" premium cable

	X09115	27475160

RG59 RCA LEAD



Heavy-duty RG59 Coaxial cable to moulded gold-plated RCA plugs. High Performance for greater detail and definition.

- 75Ω Coaxial shielded cable

2m	LV5163	27475163
3m	LV5166	27475166
5m	LV5167	27475167
10m	LV5168	27475168

RCA PLUG TO RCA PLUG



75Ω coaxial cable.

- RCA plug to RCA plug
- Available Lengths: 4m, 8m & 16m

4m	X05420	27475162
8m	X05820	27475164
16m	X051620	27475174

S-VIDEO

S-VIDEO / S-VHS LEAD



High quality 4-Pin Mini DIN plug to 4-Pin Mini DIN plug.

- Gold-plated

2m	LV0780	27470780
10m	LV0787	27470787

COMPONENT

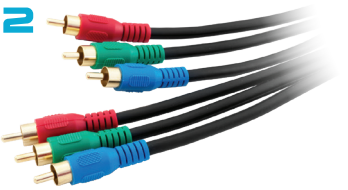
VGA TO COMPONENT LEAD



- High density 15-pin plug to 3x Component RCA
- Designed to be used from DVD to projector with switchable RGB or component video input

2m	LV5182	27475182
5m	LV5184	27475184

COMPONENT VIDEO RCA LEAD



- 3x RCA plugs to 3x RCA plugs (Green, Blue & Red)
- Gold-plated connectors
- 75Ω shielded lead

0.3m	LV5186	27475186
1m	LV5188	27475188
2m	LV5190	27475190
3m	LV5192	27475192
5m	LV5194	27475194
10m	LV5196	27475196
15m	LV5198	27475198
20m	LV5200	27475200

HDMI/DVI/VGA

DVI-D LEAD



- DVI-D plug to DVI-D Single-link plug
- Ferrite beads on both ends to minimise interference
- Gold-plated copper for lower contact resistance
- Foamed PE Insulation ensuring high speed propagation and low signal loss

0.3m	HLV0969	27330969
1m	HLV0970	27330970
2m	HLV0973	27330973
3m	HLV0975	27330975
5m	HLV0976	27330976
10m	HLV0979	27330979
15m	HLV0980	27330980

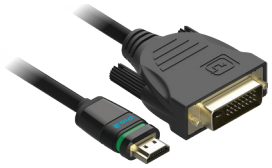
HDMI TO DVI-D LEAD



- 19-pin HDMI-A plug to DVI-D Dual-link plug
- Ferrite beads on both ends to minimise interference
- Gold-plated copper for lower contact resistance
- Foamed PE Insulation ensuring high speed propagation and low signal loss

0.3m	HLV0981	27330981
1m	HLV0983	27330983
2m	HLV0986	27330986
3m	HLV0987	27330987
5m	HLV0989	27330989
10m	HLV0991	27330991
15m	HLV0993	27330993

EASYLOCK HDMI PLUG TO DVI PLUG LEAD

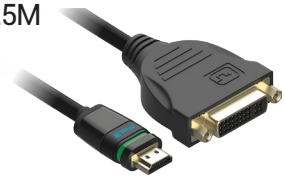


Same great features as the Pro.2 EasyLock Locking HDMI Leads.

- HDMI-A Plug to DVI Plug
- Perfect for through-wall, bull-nose/ brush plate connections

0.5m	ELHD005	27331250
1m	ELHD010	27331251
2m	ELHD020	27331252
3m	ELHD030	27331253

EASYLOCK HDMI PLUG TO DVI SOCKET - 0.5M



0.5m EasyLock locking HDMI to DVI socket lead.

- HDMI plug to DVI socket
- Locking connector to avoid accidentally disconnection

	ELHDS005	27331260

HDMI TO VGA ADAPTER LEAD



Converts HDMI signal to analogue VGA video and stereo audio.

- Plug and Play
- No need extra power supply
- Operation is dependent on driver and hardware support

	HV02A	30251966

ACTIVE HDMI TO VGA CABLE - 2M



Made by high performance Digital Converter chipset that convert from digital signal to analogue signal.

- Support VGA output with resolution up to 1080p
- One-stop solution – work without external power supply
- Easy to install and use, simply connects the device with two different connectors
- Portable and Flat cable design

	HV2M	30251972

BNC

BNC PLUG TO RCA PLUG - 2M



- 75Ω
- Length: 2m
- Coaxial shielded cable

	LV1008	27471008

BNC PLUG TO PLUG LEAD



- Coaxial lead
- 75Ω
- Available Lengths: 0.3m & 2m

0.3m	LV1495	27471495
2m	LV1501	27471501

VGA PLUG TO 5 BNC PLUG LEAD - 2M



- Colour coding for easy identification
- Red, Blue, Green, horizontal, and vertical sync
- Fully braided and shielded
- Ferrite cores on each end for noise suppression

	LV1560	27471560

AUDIO LEADS

GENERAL

SLIM STEREO 3.5MM LEAD



- Gold-plated 3.5mm stereo plug
- Slim, flexible, black molding

0.3m	LA1030	27311030
1m	LA1031	27311031

STEREO 3.5MM LEAD - 2M



- Gold-plated 3.5mm plugs
- 1x Right angle plug
- Length: 2m

	LA1032	27311032

STEREO 3.5MM LEAD



- Gold-plated 3.5mm stereo plug
- Black molding

2m	LA1033	27311033
3m	LA1035	27311035
5m	LA1039	27311039
10m	LA1042	27311042
15m	LA1044	27311044
20m	LA1045	27311045

3.5MM SOCKET TO 2X RCA LEAD - 0.3M



3.5mm Stereo Socket to 2x RCA Plugs.

- Gold-plated plugs
- Black molding
- Length: 0.3m

	LA1048	27311048

3.5MM PLUG TO 2X RCA LEAD



3.5mm Stereo plug to 2x RCA plugs.

- Gold-plated plugs
- Black molding

0.3m	LA1050	27311050
1m	LA1051	27311051
2m	LA1052	27311052
3m	LA1053	27311053
5m	LA1055	27311055
10m	LA1057	27311057
15m	LA1059	27311059
20m	LA1061	27311061

STEREO 3.5MM PLUG TO 3.5MM SOCKET - 1M



- 3.5mm stereo plug to socket with in-line volume control
- 6.3mm adaptor included
- Gold-plated connectors
- Length: 1m

X05101	27311062

STEREO 3.5MM PLUG TO SOCKET



- 3.5mm stereo plug to 3.5mm stereo socket.
- Gold-plated 3.5mm stereo plug & socket
- Black molding

2m	LA1063	27311063
5m	LA1065	27311065

STEREO EXTENSION LEAD - 5M



- 3.5mm socket to 6.3mm plug

LA1067	27311067

MONO 3.5MM PLUG TO RCA - 2M



3.5mm Mono plug to Single RCA plug.

- Gold-plated connectors
- Length: 2m

LA1081	27311081

STEREO 3.5MM PLUG TO PLUG - 1M



Slim plug and curly lead, designed to minimise weight and mass.

- Shielded PVC jacketed cable
- Length: 1m

LA1092	27311092

2X RCA TO 2X XLR - 1.5M



CLA701 is a Classic series audio cable.

- 2x RCA male to 2x XLR male
- 28AWG thin and dense stranded conductors
- Length: 1.5m
- Flexible PVC jacket
- Oxygen free copper
- Spiral shielding

CLA70115	27311410

3.5MM MINI JACK TO 2X XLR - 1.5M



CLA712 is a Classic series audio cable.

- 3.5mm mini jack male stereo to 2x XLR male
- Length: 1.5m
- 28AWG thin and dense stranded conductors
- Flexible PVC jacket
- Oxygen free copper
- Spiral shielding

CLA71215	27311414

2X TERMINAL BLOCKS EACH END - 1M



Pre-made lead make it easier to install commercial audio and do complex installations faster.

- 2x Terminal Block connectors to 2x Terminal Block
- Length: 1m
- 3-pole Terminal block with 3.81mm pitch

CLA8301	27311420

2X RCA TO 2X TERMINAL BLOCKS - 1M



Pre-made lead makes it easier for commercial installs.

- 2x RCA connectors to 2x Terminal Block
- Length: 1m
- 3-pole Terminal block with 3.81mm pitch

CLA832	27311440

2X XLR TO 2X 3-PIN TERMINAL BLOCKS - 0.5M



Pre-made lead makes it easier for commercial installs.

- 2x XLR male connectors to 2x 3-pin terminal block
- 3-pole Terminal block with 3.81mm pitch
- Length: 0.5m

CLA83405	27311452

STEREO 3.5MM TO 2X RCA LEAD - 2M

BINARY



Music quality interconnect lead.

- Professional Quality
- Ultra-flexible
- Length: 2m
- Gauge: 26AWG
- Construction: Bare Copper, PE Insulated, Bare Copper Spiral Shielded, PVC Jacket

B3STRCA-2	27311620

FLEXI FLAT SUBWOOFER CABLE



- Design: Flexi-Flat
- Conductors: Qty: 6
- Gauge: 25AWG | 0.16mm²
- Conductor Material: Oxygen-Free Copper
- Insulation: HDPE
- Plug Contacts: 24K Gold-plated

4m	TSM4M	27311720
6m	TSM6M	27311722
8m	TSM8M	27311724

LUNA 7 SERIES SUB CABLE



- Design: Dual DNA Helix
- Conductors: Qty: 2 (40 strands)
- Gauge: 24AWG | 0.2²mm
- Conductor material: Oxygen-Free Copper
- Insulation: Composilex 2
- Connector: Gold-Tube RCA Plugs
- Plug contacts: Silver + Gold plated

4m	LSM4M	27311728
8m	LSM8M	27311732

OASIS SERIES SUB CABLE

WIREWORLD CABLE TECHNOLOGY



OASIS 7 is the most cost effective cable.

- Quad DNA Helix cable design
- Silver-Tube plugs
- Conductors: Qty: 4 (40 strands)
- Gauge: 21AWG
- Conductor material: Oxygen-Free Copper
- Insulation: Composilex 2

2m	OSM2M	27311750
4m	OSM4M	27311752

MONO 6.3MM PLUG TO PLUG - 6M

KIRLIN



Pro Audio Instrument cable.

- Gauge: 24AWG
- Colour: Black
- Length: 6m

6m	IPCV-241-6M	27312006

MONO 6.3MM PLUG TO PLUG

Amphenol



Musician series instrument cable.

- Straight plugs both ends
- Satin finish
- Gold-plated contacts
- Cable: 20AWG 20/0.18mm

1m	LA2030	27312030
3m	LA2032	27312032
6m	LA2036	27312036
9m	LA2039	27312039

STEREO RCA LEAD

Pro.2 Providing AV Solutions



- 2x RCA plugs to 2x RCA plugs
- Gold-plated plugs
- Black molding

0.3m	LA3013	27313013
1m	LA3015	27313015
2m	LA3017	27313017
3m	LA3020	27313020
5m	LA3033	27313033
10m	LA3035	27313035
15m	LA3037	27313037
20m	LA3038	27313038

2X RCA TO 2X RCA PLUG - 1M

CONNEXIA



Stereo Hi-Fi braided cable.

- 2x RCA plugs to 2x RCA plugs
- Gold-plated connectors
- Length: 1m

	X07125	27313018

2X RCA PLUG TO 2X RCA PLUG

CONNEXIA



Stereo Hi-Fi Cable.

- 2x RCA plugs to 2x RCA plugs
- Available Lengths: 1m, 2m & 4m

1m	X05125	27313016
2m	X05225	27313019
4m	X05425	27313030

2X RCA TO 2X RCA PLUGS - 2M

CONNEXIA



High quality Stereo Hi-Fi Cable.

- 2x RCA plugs to 2x RCA plugs
- Gold-plated
- Length: 2m
- "Snake skin" premium cable

	X09225	27313021

RIGHT ANGLE RCA STEREO LEAD - 2M

Pro.2 Providing AV Solutions



- 2x RCA plugs to 2x RCA plugs
- Gold-plated connectors
- AWG26, OD=3.0/3.0mm
- PVC jacket
- Length: 2m

	LA3041	27313041

4X RCA PLUG DUAL STEREO - 2M

Pro.2 Providing AV Solutions



4x RCA Plugs to 4x RCA Plugs.

- Nickel plated connectors
- Black molding
- Length: 2m

	LA3049	27313049

STEREO RCA EXTENSION LEAD

Pro.2 Providing AV Solutions



- 2x RCA plugs to 2x RCA sockets
- Gold-plated plugs
- Black molding

0.3m	LA3061	27313061
1m	LA3063	27313063

RCA PLUG TO 2X RCA SOCKETS - 0.2M

CONNEXIA



- 1x RCA plug to 2x RCA sockets
- Length: 0.2m

	X05003	27313081

RCA PLUG TO 2X RCA SOCKET LEAD - 0.3M

Pro.2 Providing AV Solutions



Perfect for splitting subwoofer signal for input into stereo speakers.

- 1x RCA plug to 2x RCA sockets
- Black molding

	LA3082	27313082

RCA PLUG TO 2X RCA PLUG LEAD

Pro.2 Providing AV Solutions



Perfect for splitting subwoofer signal for input into stereo speakers.

- 1x RCA plug to 2x RCA plugs
- Nickel plated connectors

2m	LA3097	27313097
5m	LA3098	27313098

RCA PLUG TO 2X RCA PLUG - 8M

CONNEXIA



Subwoofer cable.

- 1x RCA plug to 2x RCA plugs
- Length: 8m

	X05812	27313099

RCA PLUG TO 2X RCA PLUG - 8M

CONNEXIA



Home Theatre Subwoofer braided cable.

- RCA plug to 2x RCA plugs
- Gold-plated connectors
- Length: 8m

	X07812	27313100

XLR EXTENSION LEAD

Amphenol



XLR socket to plug extension lead.

1m	LA7091	27317091
3m	LA7093	27317093
6m	LA7096	27317096
9m	LA7099	27317099
15m	LA8004	27318004

XLR EXTENSION LEAD - 10M

Pro.2 Providing AV Solutions



XLR extension lead.

- 3-pin Canon type Plug to 3-Pin Canon type Socket
- Length: 10m

	LA8000	27318000

XLR SOCKET TO 6.3MM PLUG - 5M

Pro.2 Providing AV Solutions



- 3-Pin Canon type socket to 6.3mm plug
- Length: 5m

	LA8012	27318012

XLR SOCKET TO 6.3MM PLUG MONO LEAD

Amphenol



- Microphone Cable (Unbalanced)
- XLR socket to 6.35mm plug Nickel Finish
- Cable: 80/0.08mm O/D 6.8mm

6m	LA8016	27318016
9m	LA8019	27318019

SPEAKON PRO AUDIO LEAD - 2M

Pro.2 Providing AV Solutions



Precision formulated, audiophile-grade, polyethylene dielectric material for maximum harmonic detail and low loss audio grade 99.99% pure oxygen-free copper conductors for maximum sound quality.

- Rating: 1000W
- Ø9mm ultra-flexible 2-core rubber cable

2m	Speakon plug to socket	HLA8073	27318073
2m	Speakon socket to socket	HLA8076	27318076

3.5MM PLUG STEREO LEAD - 2M

Pro.2 Providing AV Solutions



- 3.5m stereo plug to plug
- Gold-plated connectors
- Assembled pearl chrome-plated metal shell
- Length: 2m

	HLA8080	27318080

STEREO RCA LEAD WITH OFC - 5M

Pro.2 Providing AV Solutions



Twin RCA High quality Ø6mm OFC (oxygen free) low loss cable with flexible protective sheath that prevents shield damage, gold-plated moulded connectors. Ideal interlink between AV components in Hi-Fi stereo, Home Theatre, Video systems, and In-Car systems.

- 2x RCA to 2x RCA
- Length: 5m

	LH0328	27330328

OPTICAL

TOSLINK TO TOSLINK - 1M

CONNEXIA



Digital Audio Optical Fibre Cable.

- TOSLINK plug to TOSLINK plug
- Turned Brass plugs and spring loaded polished tips with connected plug covers
- Length: 1m

	X07135	27330433

NOVA SERIES TOSLINK CABLE

WIREWORLD CABLE TECHNOLOGY



Nova Series Optical Fibre Cable.

- TOSLINK Connectors
- Design: Monofilament
- Conductors: Acrylic
- Triple polished ends

1m	NTO1M	27330422
2m	NTO2M	27330424
3m	NTO3M	27330426
5m	NTO5M	27330428

OPTICAL CABLE

BLUSTREAM



- Plastic Optical Fibre (POF) core of acrylic glass
- 24k Gold-plated TOSLINK connectors
- Ultra flexible cable design

1m	OPT1	27330444
2m	OPT2	27330446
3m	OPT3	27330448

6MM TOSLINK / OPTICAL LEAD

Pro.2 Providing AV Solutions



High grade optical cable for audio.

- Double protected, super flexible cable
- Overall Diameter: 6.0mm

0.5m	LA0469	27330469
1m	LA0470	27330470
2m	LA0471	27330471
3m	LA0473	27330473
5m	LA0474	27330474
10m	LA0477	27330477
15m	LA0478	27330478
20m	LA0480	27330480

TOSLINK TO TOSLINK DIGITAL

CONNEXIA



Digital Audio Optical Fibre Cable.

- TOSLINK plug to TOSLINK plug
- Available Lengths: 1m & 2m

1m	X05135	27330468
2m	X05235	27330472

RCA/TOSLINK TO RCA/TOSLINK - 8M



- RCA video/TOSLINK plug to RCA video/ TOSLINK plug
- Gold-plated connectors
- Length: 8m

X05845	27330476

3.5MM PLUG TO TOSLINK - 2M



Digital Audio Optical Fibre Cable.

- 3.5mm plug to TOSLINK plug
- Connected plug covers
- Length: 2m

X05261	27330482

MULTI PURPOSE DIGITAL AUDIO OPTICAL CABLE - 4M



Rotating cable ends to switch between TOSLINK or 3.5mm connections.

- Variants: TOSLINK plug to TOSLINK plug, TOSLINK plug to 3.5mm plug, 3.5mm plug to 3.5mm plug
- Length: 4m

X05460	27330483

PRO TOSLINK OPTICAL CABLE - 2M



Kordz PRO series TOSLINK Lead.

- Length: 2m
- Compact TOSLINK connectors
- Secure click in fit
- Shallow mounting depth connectors
- Flexible and durable matte black PVC jacket

PROTL0200	27330494

COAXIAL

COAXIAL DIGITAL CABLE



Ultraviolet 7 Series Coaxial Digital Cable.

- Design: Coaxial
- Signal conductors: 24AWG | 0.2mm²
- Insulation: Gas Injected PE
- Plug type: Silver + Gold plated (RCA)

1m	UVV1M	27330418
2m	UVV2M	27330420

COMPUTER LEADS

IPHONE/IPAD

LIGHTNING & MICRO USB LEAD - 1M



2-in-1 Lightning & Micro USB.

- Tangle-free Nylon braided cable
- Rugged aluminium shell crush-proof plug design
- Supports data sync and charging functions
- MFi certified and 100% guaranteed compatibility

ICAB21-1S	27727298

IPOD SHUFFLE TO USB LEAD - 10CM



Perfect for syncing and charging your iPod Shuffle via USB.

- Compatible with 1st to 6th Gen Shuffles.
- Length: 10cm

ISHUFFLE2USB	27727301

IPHONE 30-PIN USB LEAD WHITE - 1M

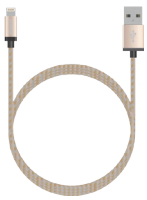


Flat and flexible iPhone/iPod charge and sync cable.

- 30-pin sync and charge lead
- Charges most Apple devices with the exception of the iShuffle
- Compatible with original Apple chargers
- Length: 1m
- Colour: White
- Shape: Flat

LC7319	27727319

NYLON BRAID LIGHTNING LEAD - 2M



Tangle-free Nylon braided Lightning to USB cable.

- Rugged aluminium crush-proof plug design
- MFI certified for 100% guaranteed compatibility
- Supports data-sync and charging functions
- Length: 2m

	ICAB2S	27727327
	ICAB2G	27727329

HEAVY-DUTY LIGHTNING TO USB LEAD - 1M



Heavy-duty charge and sync cable for any Apple device with Lightning port.

- 8-pin lightning plug to USB-A plug
- Nylon-braided cable
- Apple MFi™ certified

	IPLC1GD	27727345
	IPLC1SLV	27727347
	IPLC1GRAY	27727349

LIGHTNING TO USB CABLE - 3M



- USB 2.0 A/M to Lightning
- Length: 3m
- Bearable Current: 2.4A
- USB Technology: Nickel-plated Connector, Gold-plated Pins
- Colour: White

LC7385	27727385

3-IN-1 USB CHARGING SYNC CABLE - 1M



USB Type A to Lighting + Micro + USB Type C charging cable.

- Supports up to 3A of power output and can be used for charging and powering USB-C enabled devices

AOUCA3IN1	27727396

LIGHTNING TO HDMI ADAPTER LEAD - 1.8M



Mirrorcasting IOS device to TV or Projector.

- 5V 1A USB power supply needed
- 8-Pin lightning port to HDMI

8P2HDMI	30254400

SAMSUNG

USB-A TO GALAXY 30-PIN BLACK - 1M



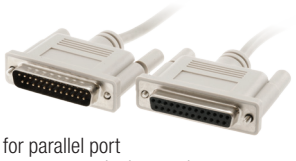
Samsung Galaxy 30-Pin USB Lead.

- Charge and Sync
- Length: 1m
- Flat

LC7375	27727375

D RANGE

DB25 PARALLEL LEAD



Suitable for parallel port printers, scanners and other equipment.

- All pins through wired
- Shielded lead

2m	Plug to Socket	LC5005	27725005
2m	Socket to Socket	LC5006	27725006

50-PIN PLUG TO PLUG LEAD - 2M



Used for old printer and device connections.

- Micro ribbon lead
- Length: 2m

LC5012	27725012

36-PIN PLUG TO PLUG LEAD - 2M



Used for old printer and device connections.

- Micro ribbon lead
- Length: 2m

LC5017	27725017

DB9 SERIAL CABLE



- Shielded lead

2m	Plug to Plug	LC5081	27725081
2m	Plug to Socket	LC5085	27725085
2m	Socket to Socket [Null Modem]	LC5086	27725086
5m	Plug to Socket	LC5090	27725090
5m	Socket to Socket [Null Modem]	LC5070	27725070

DB25 PLUG TO DB9 SOCKET - 2M

Pro.2



DB25 Plug to DB9 Socket. Shielded lead.

- Length: 2m

2m	Plug to Socket	LC5093	27725093

DIN

PS2 PLUG TO SOCKET LEAD - 2M

Pro.2



6-Pin Mini DIN Plug to Socket. Shielded lead.

- Length: 2m

LC6037	27726037

VGA

PREMIUM VGA LEAD WITH FILTER

Pro.2



This super VGA lead is known as the best in the industry as the 3 Coax + 9 wiring plug configuration, which can minimise the quality loss over long distances, plus two ferrite filters at both ends to reduce interference.

- 3 Coax + 9 wiring configuration
- Ferrite filters at both ends
- Ø8.5mm outer diameter (AWG28)
- Black dentate cable with PVR jacket
- HD15 plug to HD15 plug

0.5m	LC1050	27721050
1m	LC1060	27721060
2m	LC1070	27721070
3m	LC1080	27721080
5m	LC1100	27721100
10m	LC1110	27721110
15m	LC1120	27721120
20m	LC1130	27721130
25m	LC1140	27721140
30m	LC1150	27721150
40m	LC1160	27721160

PREMIUM VGA LEADS WITH AUDIO

Pro.2



HD15 VGA plug + 3.5mm stereo jack plug to HD15 plug + 3.5mm stereo plug.

- Transmit video signals and stereo audio using the one cable
- Ideal for connecting a PC or laptop to a projector

2m	LC1370	27721370
3m	LC1380	27721380
5m	LC1400	27721400
10m	LC1410	27721410
15m	LC1420	27721420

HD15 HIGH DENSITY VGA LEAD

Pro.2



- All pins through wired

2m	Plug to plug	LC1000	27721000
2m	Plug to socket	LC1010	27721010

VGA EXTENSION LEAD WITH FILTER

Pro.2



This super VGA lead is known as the best in the industry as the 3 Coax plug 9 wiring configuration, which can minimise the quality loss in long distance runs, plus two ferrite filters at both ends to reduce the interference.

- 3 Coax + 9 wiring configuration
- Ferrite Filters at both ends
- AWG28, OD=8.5mm
- Black dentate cable with PVR jacket
- HD15 plugs: blue colour, full pin black insulator

1m	LC1210	27721210
2m	LC1220	27721220
3m	LC1230	27721230
5m	LC1250	27721250
7.5m	LC1255	27721255
10m	LC1260	27721260
15m	LC1270	27721270
20m	LC1280	27721280
25m	LC1290	27721290
30m	LC1300	27721300
40m	LC1310	27721310

DVI PLUG TO VGA PLUG LEAD

This cable is used to allow a DVI (with analogue output) graphics card to be connected to a VGA monitor or vice-versa.



- DVI to VGA PC monitor connection cable
- DVI-A plug to 15-pin type plug
- Double-shielded, fully-fired cables for interference-free pictures

2m	LC1650	27721650
5m	LC1660	27721660

SLIM VGA PLUG TO PLUG LEAD

Pro.2



Our slim & flexible low loss coaxial (3 coax + 9 control wire) cables are ideal for short run applications (up to 5m).

- 3+9 wiring configuration
- Ferrite filters at both ends
- Slim cable for maximum flexibility

2m	LC2010	27722010
3m	LC2012	27722012
5m	LC2025	27722025

VGA PLUG TO 2X VGA SOCKET - 30CM



- Gold-plated VGA 15-Pin connector
- 3 Coaxial plus 9 lead
- High density VGA 15-Pin plug to 2x VGA sockets
- Includes transparent dust cover
- Length: 30cm

LC6090 27726090

VGA PLUG TO 3XRCA & VGA - 30CM



- Gold-plated VGA 15-Pin connector
- VGA lead: 3 Coaxial plus 9 lead
- High density VGA 15-pin plug to VGA socket and 3 RCA sockets; (Blue, Green, Red)
- Includes transparent dust cover
- Length: 30cm

LC6092 27726092

DVI-I PLUG TO VGA + DVI-I - 30CM



- Gold-plated connectors
- Transparent dust cover
- DVI-I 29-Pin plug to DVI-I 29-Pin socket and HDB 15-Pin VGA socket
- Length: 30cm

LC6094 27726094

DVI-I PLUG TO 2X VGA - 30CM



- Gold-plated connectors
- DVI-I 29-Pin plug to 2 VGA 15-Pin sockets
- Length: 30cm

LC6096 27726096

SLIM VGA SOCKET TO SOCKET - 15CM



Our slim & flexible low loss coaxial (3 coax + 9 control wire) cables are ideal for short run applications (up to 5m).

- 3+9 wiring configuration
- Slim cable for maximum flexibility
- VGA Socket to VGA Socket
- Length: 15cm

LC6098 27726098

DISPLAYPORT

MINI DISPLAYPORT TO HDMI LEAD



The Mini DisplayPort is a miniaturized version of the DisplayPort interface.
It is used in revisions of the MacBook, MacBook Air, and MacBook Pro notebooks, iMac, Mac Mini, and Mac Pro desktops, Xsrve servers, and 24" Apple Cinema Display. Also in Toshiba Satellite Pro S500, Tecra M11, A11, S11, HP Envy 14 and 17 notebooks.

- Mini DisplayPort 20-pin plug to HDMI 19-pin socket
- Nickel plated plug
- RoHS compliant

○ 0.2m	LC6150	27726150
○ 2m	LC6152	27726152

MINI DISPLAYPORT TO HDMI - 2M



Connects from a Mini-DisplayPort or Thunderbolt video output device to a HDMI screen or projector.

- Transmit both audio and video signals
- Gold-plated connectors for best connectivity and minimum loses
- Resolution capability of up to 1080p

LC6153 27726153

MINI DISPLAYPORT TO HDMI - 3M



Watch and listen to your favourite media in full HD.

- Mirror or extend your desktop onto an HDMI display
- Supports full HD 1080p (1920x1080)

LC6154 27726154

MINI DISPLAYPORT TO DVI LEAD



- Mini DisplayPort 20-pin plug to DVI 29-pin socket
- Nickel plated plug
- RoHS compliant

○ 0.2m	LC6160	27726160
○ 2m	LC6162	27726162

MINI DISPLAYPORT TO DVI - 2M



Transmit signals from mini DisplayPort to displays with DVI port.

- Gold-plated plug

LC6163 27726163

MINI DISPLAYPORT TO VGA LEAD



Mini DisplayPort
20-Pin plug to VGA HDB 15-Pin socket.

- Nickel-plated plugs
- RoHS compliant

○ 0.2m	LC6170	27726170
○ 2m	LC6172	27726172

MINI DISPLAYPORT LEAD - 2M



The Mini DisplayPort is a miniaturized version of the DisplayPort interface. It is used in revisions of the MacBook, MacBook Air, and MacBook Pro notebooks, iMac, Mac Mini, and Mac Pro desktops, Xsrve servers, and 24-inch Apple Cinema Display. Also in Toshiba Satellite Pro S500, Tecra M11, A11, S11, HP Envy 14 and 17 notebooks.

- Mini DisplayPort 20-Pin plug to Mini DisplayPort 20-Pin plug
- Nickel plated plug
- Length: 2m
- Colour: White
- RoHS compliant

LC6190 27726190

DISPLAYPORT TO MINI LEAD - 2M



- Cable Length: 2m
- Packaging: High Quality 8ware Bag
- Cable Thickness: 32 AWG
- Connector 1: Mini DisplayPort Male (20-Pin)
- Connector 2: DisplayPort Male (20-Pin)

LC6192 27726192

DISPLAYPORT PLUG TO HDMI - 2M



The DisplayPort to HDMI adapter lets you connect a DisplayPort video source to a HDMI-enabled video display.

- Supports display resolutions up to 1920x1200
- Nickel plated plugs
- Length: 2m
- Colour: White

LC6210 27726210

DISPLAYPORT LEAD

Pro.2



DisplayPort plug to DisplayPort plug.

- Transfer both audio and video
- 28AWG cable gauge
- Copper conductor

2m	LC6216	27726216
3m	LC6218	27726218

FIREWIRE

4P TO 4P FIREWIRE LEAD - 2M



It can transfer data between devices at 100, 200, or 400 Mbit/s half-duplex data rates (the actual transfer rates are 98.304, 196.608, and 393.216 Mbit/s, i.e., 12.288, 24.576 and 49.152 megabytes per second respectively). Support for asynchronous streaming, quicker bus reconfiguration, packet concatenation, and a power-saving suspend mode. The 4-circuit connector is fully data-compatible with 6-circuit alpha interfaces.

- 4-Pin to 4-Pin

	LC6110	27726110

USB

USB OVER CAT5E EXTENDER

DOSS



Connect any USB device to your computer from up to 100 metres away via a standard CAT5e network cable.

- PC and Mac compatible
- Transmitter and Receiver included

USB1.1	50m	USBCAT50	07350055
USB2.0	100m	USBCAT100	07350058

USB EXTENSION LEAD - 25CM

Pro.2



- USB A plug-USB A socket
- Male to Female
- For extending the reach of your computers USB port

	LC7185	27727185

USB-A TO MINI USB-B LEAD - 2M

Pro.2



USB-A Plug to Mini USB-B plug.

- Clear cable sheath
- Length: 2m
- USB Version 2.0

	LC7186	27727186

USB 2.0 EXTENSION LEAD

&ware



- USB-A plug to USB-A socket
- USB specification version 2.0

1m	LC7187	27727187
3m	LC7194	27727194

USB-A PLUG TO USB-A PLUG LEAD

Pro.2



Just plug-and-play for connecting keyboards, mice, modems, printers, and other USB peripherals to your computer.

- Foil and braid shielding
- PVC Jacket

1m	LC7188	27727188
2m	LC7189	27727189

USB EXTENSION LEAD

Pro.2



- Male to Female
- For extending the reach of your computer's USB port
- USB-A plug to USB-A socket

2m	LC7190	27727190
5m	LC7215	27727215

USB-A PLUG TO USB-A PLUG LEAD

&ware



For a plug and play connection for keyboards, mice, modems and other peripherals.

3m	LC7193	27727193
5m	LC7195	27727195

USB PERIPHERAL LEAD

Pro.2



USB lead with A type (flat) to B type (square) plugs.

- USB Version 2.0

2m	LC7200	27727200
5m	LC7203	27727203
3m	LC7210	27727210

ACTIVE USB 3.0 EXTENSION - 5M

ATEN



Extends the distance of one USB device up to 5m (16ft).

- USB 3.0, 2.0 and 1.1 compatible
- Built-in USB 3.0 Hub IC – fully supports hot swapping for a variety of USB 1.1/ 2.0/3.0 devices
- Non-powered
- Supports USB super-speed (5Gbps)
- Plug and play – no additional software installation required
- Multiplatform support – Windows and Mac

	LC7206	27727206

ACTIVE USB2.0 EXTENSION - 10M



- Supports data transfer rates up to 480Mbps
- Host powered - no need for external power adapter
- Supports Windows 2000 / XP / Vista / 7 (32/64-bit)
- Supports Mac OS 10.x and Linux 2.6+

	LC7208	27727208

ACTIVE USB EXTENSION LEAD - 10M



- Supports data transfer rates up to 480Mbps
- Host powered - no need for external power adapter
- Supports Windows 2000 / XP / Vista / 7 (32/64-bit)
- Supports Mac OS 10.x and Linux 2.6+

	LC7216	27727216

ACTIVE USB EXTENSION LEAD - 5M

Pro.2



Active USB extension lead.

- Extends the distance to your USB device up to 5m (16ft)
- USB specification version 2.0 compliant
- Fully compliant with USB Electrical and Timing Specs for USB Hubs
- Can be linked in a chain to form a maximum distance of 25m

	LC7218	27727218

ACTIVE USB EXTENSION LEAD - 20M



USB 2.0 specification compliant.

- Data transfer rate up to 480mbps
- True Plug and Play
- No external power required
- 20 metre cable length
- Type-A plug and socket

LC7219	27727219

USB POWER INJECTION LEAD - 30CM



If your mobile device can't power your USB device via USB-OTG, then use the LC7222 to supply it with external power!

- Perfect for USB-OTG and higher current devices!
- Built-in capacitor for protecting devices and computer from noisy external power supplies
- Simply connect your 5VDC power supply to the 2.1mm DC Socket
- Length: 30cm

LC7222	27727222

RETRACTABLE USB TO DC - 0.8M



USB2.0 plug to 1.3mm DC plug with 0.8m cable length.

- Retractable cable to save space
- Power up devices straight away from USB

1.3mm tip	LC7224	27727224
2.1mm tip	LC7225	27727225

2-IN-1 MICRO USB-B OTG LEAD - 1M



2-in-1 Micro USB-B plug to Micro USB-B plug or USB-A plug.

- Use it as a standard USB to Micro USB lead or as a Micro USB to Micro USB OTG cable!
- OTG USB - High speed charge between phones and tablets

LC7227	27727227

MICRO USB LEAD



Micro USB-B plug to USB-A plug.

- Version: USB 2.0
- Black PVC jacket

1m	LC7239	27727239
2m	LC7241	27727241

TRANSPARENT MICRO USB LEAD - 2M



USB-A Plug to Micro USB-B Plug.

- 2m Length
- Transparent jacket
- USB2.0 for data transferring and charging device

LC7243	27727243

MICRO USB OTG CABLE - 15CM



USB-OTG Cable suitable for mobile devices which feature USB-HOST or USB-OTG capability.

- Connect external flash drives, keyboards, mouses, and any other USB peripheral your mobile device supports!
- Micro USB plug to USB-A Socket

LC7245	27727245

USB 3.0 USB-A PLUG TO PLUG - 1M



USB 3.0 USB-A plug to USB-A.

- Nickel plated connectors
- Version: USB 3.0
- Type-A plug to type-A plug
- Length: 1m

LC7251	27727251

USB 3.0 USB-A PLUG TO SOCKET - 1M



- Type A plug to type A socket
- Nickel plated connectors
- Version: USB 3.0
- Length: 1m

LC7256	27727256

USB 3.0 USB-A PLUG TO USB-B - 1M



- USB lead with A-Type to B-Type connector
- Male to Male
- USB 3.0 speeds
- Length: 1m

LC7261	27727261

USB 3.0 MICRO USB-B LEAD - 1M



Just plug-and-play for hard drive enclosures, printers, modems, cameras, and other SuperSpeed USB peripherals. This cable provides a transfer rate of up to 4.8Gbps when connected with a USB 3.0 compliant host and device.

- Micro USB 3.0-B plug to USB 3.0-A plug
- PVC jacket
- Colour: Black
- Length: 1.0m

LC7266	27727266

USB TO SERIAL (RS232) - 45CM



Provides PCs, notebook PCs and handheld computing devices using USB an external PnP RS232 port.

- Support the RS232 Serial interface. Full compliance with USB 2.0
- Works with cellular phones, PDAs, digital cameras, modems or ISDN terminal adapter
- OS Compatibility: WIN98 / WIN ME / WIN 2K / WIN 2003 / WIN XP / LINUX and Mac OS 8.6/9/10

USB-RS232	27727280

USB TO RS232 RS422 RS485 - 1.8M



To be used on USB to UART Cable, POS Printer Terminal, Networking System, Industrial and Power Meter, USB Bar code Reader, USB Digital Camera Interface, USB Wireless/Wired Modem.

IOU234248	27727284

USB 2.0 TO RS422 RS485 - 1.8M



To be used on USB to UART Cable, POS Printer Terminal, Networking System, Industrial and Power Meter, USB Bar code Reader, USB Digital Camera Interface, USB Wireless/Wired Modem.

IOUSB428502	27727286

USB TO DB25 PRINTER CABLE - 1.8M



USB to DB25 Parallel Adapter Cable.

- Length: 1.8m
- USB 2.0 compliant
- Bi-directional parallel interface communication
- Fully compatible with all parallel printers

USB-DB25	27727290

USB2.0 TO SERIAL RS232 LEAD - 1M



Applications include POS Printer Terminal, Networking System, Industrial and Power Meter, USB Bar Code Reader, USB Digital Camera Interface, USB Wireless/Wired Modem etc.

UR232	27727292

MICRO USB LEAD 3-PACK - 0.3M



- 3-pack Micro USB lead
- Length: 0.3m
- Colour: White
- Charge and sync

ADCS1	27727303

ANDROID PC MIRROR USB CABLE



Full Keyboard & Mouse Control.

- Call & message notifications
- Screen mirroring & rotate
- Screen magnification & data transfer
- Charges smartphone & tablets

WC7682	27727383

USB-C TO USB3.0 LEAD



USB C 3.1 type plug to USB A 3.0 plug.

- 56K resistor
- Fully compliant - safe to use
- Colour: Black

● 1m	LC7805	27727805
● 2m	LC7807	27727807

USB-C TO MICRO-B LEAD - 1M



USB C 3.1 type plug to Micro USB B 3.0 plug.

- Colour: Black
- Length: 1m

LC7815	27727815

USB-C TO USB-C LEAD - 1M



USB C 3.1 type plug to USB C 3.1 plug.

- Colour: Black
- Length: 1m

LC7825	27727825

USB-C TO USB3.0 LEAD - 0.5M



USB C 3.1 type plug to USB A 3.0 plug.

- Colour: Black
- Length: 0.5m

LC7855	27727855

USB-C TO HDMI LEAD - 0.3M



USB C 3.1 type plug to HDMI socket.

- Colour: White
- Length: 30cm

LC7865	27727865

FIBRE PATCH

SC-SC FIBRE LONG RUN PATCH CABLE



Suitable for High Speed and volume Fibre Optic Transmission Systems: eg. CATV Networks, LANs and Fibre Optic Instrumentation.

- Superior qualified standard PC/UPC/APC polishing
- Compliant with Telcordia GR-326-Core, TIA/EIA and IEC
- 100% optic test (Insertion Loss & Return Loss)
- Single mode, Duplex

100m	Single fibre	FIB100SF	05060700
100m	Dual Fibre	FIB100M	05060860
150m	Dual fibre	FIB150M	05060880
200m	Dual fibre	FIB200M	05060900
300m	Dual fibre	FIB250M	05060920
300m	Dual fibre	FIB300M	05060960

OUTDOOR FIBRE CABLE - 100M



100m armoured optical fibre outdoor cable.

- SC/UPC-SC/UPC
- SM 100m roll
- Armoured outdoor

FIB1000D	05060750

OUTDOOR FIBRE CABLE - 100M



100m armoured optical fibre outdoor cable.

- LC-LC
- SM DX 100m roll
- Armoured outdoor

FIB1000DLC	05060770

SM 3.0MM LSZH FIBRE CABLE - 100M



Superior qualified standard PC/UPC/APC polishing.

- Compliant with Telcordia GR-326-Core, TIA/EIA and IEC
- 100% optic test (Insertion Loss & Return Loss)
- 0.9mm, 2mm and 3mm cable optional
- Comply to IEC Standard
- Simplex / Duplex Optional

FIB100MLC	05060870

FIBRE CABLE - 150M ROLL



100% optic test (Insertion Loss & Return Loss).

- Superior qualified standard PC/UPC/APC polishing
- Compliant with Telcordia GR-326-Core, TIA/EIA and IEC
- Flexible boot are available
- Simplex / Duplex Optional

FIB150MLC	05060890

FTTH INDOOR DROP CABLE - 1M

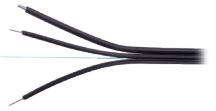


Indoor fibre cable per metre.

- Flame retardant characteristics meet the requirements of relevant standard

GJXH1M	05060962

FTTH OUTDOOR DROP CABLE - 1M



Outdoor fibre cable per metre.

- Features steel wire for easy installation
- Flame retardant characteristics meet the requirements of relevant standards

GJYXCH1M	05060964

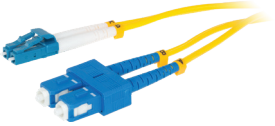
SM FIBRE PATCH LEAD SC-SC - 2M



- SC-SC
- Single mode DX 3.0mm

FP7600	27727600

SM FIBRE PATCH LEAD SC-LC - 2M



- SC-LC
- Single mode DX 3.0mm

FP7602	27727602

SM FIBRE PATCH LEAD LC-LC

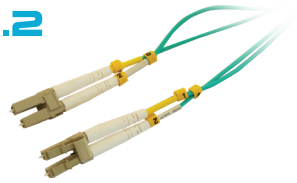


Single mode fibre patch lead.

- LC-LC
- Single mode DX 3.0mm

2m	LC to LC	FP7604	27727604
3m	LC to LC	FP7606	27727606
5m	LC to LC	FP7608	27727608
1m	LC to LC	FP7618	27727618

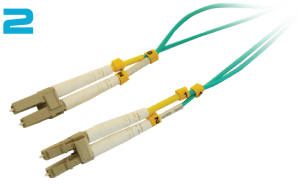
DUPLEX FIBRE PATCH LEADS



Pro2 fibre patch leads ensure the performance and reliability of servers, storage, and network switches and are built using the highest-quality fibre cable and connectors.

2m	LC to LC	FP7620	27727620
3m	LC to LC	FP7622	27727622
5m	LC to LC	FP7624	27727624
2m	SC to SC	FP7660	27727660
2m	LC to SC	FP7750	27727750

OM4 RATED FIBRE PATCH LEAD



Designed for 10/40/100-Giga Ethernet applications.

- High-Speed, High-Bandwidth, Low-Cost
- Use with VCSEL and LED laser light sources
- IEEE 802.3ae and TIA LOMMF compliant
- Ideal for Fibre Channel (SAN) applications
- Backward compatible with legacy LANs

2m	LC to LC	FP7640	27727640
2m	LC to SC	FP7770	27727770
3m	LC to LC	FP7642	27727642

FIBRE PATCH LEAD ST-LC

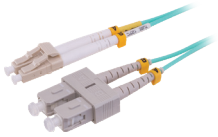


Multi mode fibre patch lead.

- ST-LC
- Multi mode DX OM3

1m	ST to LC	FP7671	27727671
2m	ST to LC	FP7672	27727672
3m	ST to LC	FP7673	27727673
5m	ST to LC	FP7675	27727675

FIBRE PATCH LEAD LC-SC



- Aqua 50/125 OM3 laser-optimized fibre cable with LSZH jacket
- Bandwidth: 2000/500MHz-km @ 850/1300nm
- OD 2.0MM duplex 20/125

3m	LC to SC	FP7751	27727751
5m	LC to SC	FP7753	27727753
10m	LC to SC	FP7755	27727755
15m	LC to SC	FP7757	27727757
20m	LC to SC	FP7759	27727759

CAT7 PATCH

FLAT WHITE CAT7 PATCH LEAD



Shielded CAT7 Flat Network Cable.

- RJ45 connectors prevent cable damage and also provide strain relief
- 50-micron gold-plated connectors for a clear signal
- High-quality 32AWG copper wire

	Length	Model	Code
○	1m	LC7460	27727460
○	2m	LC7462	27727462
○	3m	LC7464	27727464
○	5m	LC7466	27727466
○	10m	LC7468	27727468
○	20m	LC7470	27727470
●	1m	LC7472	27727472
●	2m	LC7474	27727474
●	3m	LC7476	27727476
●	5m	LC7478	27727478
●	10m	LC7480	27727480
●	20m	LC7480	27727482

CAT6/6A PATCH

CAT6A PATCH LEAD



CAT6a cables have been designed to operate up to 10Gbps speeds, 10x better than CAT6 cables.

- Features RJ45 plug-to-plug connectors
- Low profile flush moulded boots
- Quality cable material
- Molded strain relief

	Length	Model	Code
●	0.5m	LC6500B	27726500
●	1m	LC6502B	27726502
●	2m	LC6504B	27726504
●	3m	LC6506B	27726506
●	5m	LC6508B	27726508
●	10m	LC6512B	27726512
●	15m	LC6514B	27726514
●	20m	LC6516B	27726516

CAT6 PATCH LEAD



CAT6 Patch Leads with molded strain relief. Features RJ45 plug-to-plug connectors and supplied fitted with flush injection moulded cable boots to prevent flaring of cables.

- Quality cable material
- Molded strain relief
- Low profile flush moulded boots
- Available Colours: Black, Blue, Green, White & Yellow

	Length	Model	Code
●	0.5m	LC6600B	27726600
●	1m	LC6603B	27726603
●	2m	LC6606B	27726606
●	3m	LC6609B	27726609
●	5m	LC6612B	27726612
●	10m	LC6615B	27726615
●	15m	LC6618B	27726618
●	20m	LC6621B	27726621
●	30m	LC6623B	27726623
●	40m	LC6625B	27726625
●	0.5m	LC6628R	27726628
●	1m	LC6630R	27726630
●	2m	LC6633R	27726633
●	3m	LC6636R	27726636
●	5m	LC6639R	27726639
●	10m	LC6642R	27726642
●	15m	LC6645R	27726645
●	20m	LC6648R	27726648
●	0.5m	LC6654G	27726654
●	1m	LC6657G	27726657
●	2m	LC6660G	27726660
●	3m	LC6663G	27726663
●	5m	LC6666G	27726666
●	10m	LC6669G	27726669
●	15m	LC6672G	27726672
●	20m	LC6675G	27726675
●	0.5m	LC6681Y	27726681
●	1m	LC6684Y	27726684
●	2m	LC6687Y	27726687
●	3m	LC6690Y	27726690
●	5m	LC6693Y	27726693
●	10m	LC6696Y	27726696
●	15m	LC6699Y	27726699
●	20m	LC6702Y	27726702
○	0.5m	LC6735W	27726735
○	1m	LC6738W	27726738
○	2m	LC6741W	27726741
○	3m	LC6744W	27726744
○	5m	LC6747W	27726747
○	10m	LC6750W	27726750
○	15m	LC6753W	27726753
○	20m	LC6756W	27726756
●	0.5m	LC7500BK	27727500
●	1m	LC7502BK	27727502
●	2m	LC7504BK	27727504
●	3m	LC7506BK	27727506
●	5m	LC7508BK	27727508
●	10m	LC7510BK	27727510
●	15m	LC7512BK	27727512
●	20m	LC7514BK	27727514

CAT6A ORANGE PATCH LEAD - 2M

2m CAT6a UTP Ethernet Network Cable.

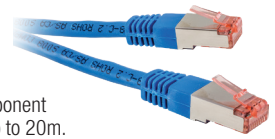


- Snagless connector to avoid accidental clip breakage
- Suitable for networks running at 10Mbps, 100Mbps, 1000Mbps or 10Gbps
- Wire Gauge: 26AWG

LC67050	27726705

CAT6A SHIELDED PATCH LEAD

Pro.2 Providing AV Solutions



Individually tested to ensure CAT6a Component Level compliance up to 20m.

- Double shielded, inner pairs are also individual shielded
- Telstra network fully compliant

Length	Model	Code
0.5m	LC7520BL	27727520
1m	LC7522BL	27727522
2m	LC7524BL	27727524
3m	LC7526BL	27727526
5m	LC7528BL	27727528
10m	LC7530BL	27727530
15m	LC7532BL	27727532
20m	LC7534BL	27727534
30m	LC7536BL	27727536
40m	LC7538BL	27727538

CAT5 PATCH

CAT5E FLEXIBLE CABLE

PROCAB



Robust flexible CAT5e cable.

- Gold-plated RJ45 male connectors DD Ideal for domestic, commercial and professional applications

0.5m	CLD500/0.5	27726782
1m	CLD500/1	27726784
3m	CLD500/3	27726786
5m	CLD500/5	27726788

CAT5E BLUE PATCH LEAD - 15M

BELKIN



- Gold-plated contacts
- Snag-less design - Protects RJ45 insertion tab
- Offset Twisted Pairs - Reduce cross talk and attenuation
- Molded-Strain Relief - Bends easily, for durability and fit

LC7000	27727000

CAT5E PATCH LEAD

Pro.2 Providing AV Solutions



Moulded CAT5e patch cables provide the ultimate in reliability and can stand up to almost anything that comes their way.

- RJ-45 Plugs
- 100Mbps data rate
- Unshielded 24-gauge twisted pair
- 4-Pairs (stranded conductors)

Length	Model	Code
30m	LC7100B	27727100
40m	LC7102B	27727102
0.5m	LC7104B	27727104
1m	LC7106B	27727106
2m	LC7112B	27727112
3m	LC7114B	27727114
5m	LC7118B	27727118
10m	LC7122B	27727122
15m	LC7125B	27727125
20m	LC7127B	27727127
0.5m	LC7138G	27727138
1m	LC7139G	27727139
2m	LC7140G	27727140
3m	LC7141G	27727141
5m	LC7142G	27727142
10m	LC7143G	27727143
15m	LC7144G	27727144
20m	LC7145G	27727145
0.5m	LC7148Y	27727148
1m	LC7149Y	27727149
2m	LC7150Y	27727150
3m	LC7151Y	27727151
5m	LC7152Y	27727152
10m	LC7153Y	27727153
15m	LC7154Y	27727154
20m	LC7155Y	27727155
0.5m	LC7230W	27727230
1m	LC7231W	27727231
2m	LC7232W	27727232
3m	LC7233W	27727233
5m	LC7234W	27727234
10m	LC7235W	27727235
15m	LC7236W	27727236
20m	LC7237W	27727237

CROSSOVER

CAT6 CROSSOVER LEAD - 10M

Pro.2 Providing AV Solutions



CAT6 Cross-over Leads with molded strain relief. Features RJ45 male-to-male connectors and supplied fitted with flush injection moulded cable boots to prevent flaring of cables.

- Stranded copper conductors for flexibility
- Molded strain relief & Low profile flush moulded boots
- Packaged in heat-sealed hang-sell bags
- Colour: Black/Yellow
- Length: 10m

LC6915	27726915

PC INTERNAL

MOLEX POWER ADAPTORS



PC internal power connectors and splitters.

M5 plug to	F3 + F5 plug	LC6410	27726410
M5 plug to	2x F3 plugs	LC6415	27726415

SATA TO SATA LEAD - 45CM

Pro.2 Providing AV Solutions



Compatible with SATA I and SATA II.

- Length: 45cm long
- Red

SATA45	27727420

POWER LEADS

APPLIANCE

BLACK CURLY IEC POWER LEAD - 2M

DOSS®



Australian plug to IEC (kettle plug) curly cord.

- Extends up to 2m
- 3-core

CK9-2MT	27751905

CURLY FIGURE-8 MAINS LEAD - 2M

DOSS®



Australian plug to figure-8 curly cord.

- Extends up to 2m
- 2-core
- Contracts to less than 0.5m

C720AC	27752005

CURLY 3-CORE POWER LEAD - 2M

DOSS®



Length: 2m before coiling.

- Rate voltage: 240V
- Size: 3x 2.5mm²
- Rated current: 25A

C320AC	27752010

IEC PLUG TO 240V SOCKET - 5CM

SOANAR



- Ideal for connecting a standard powerboard to a UPS
- Length: 50mm

PS4100		27752104

IEC PLUG TO 240V SOCKET - 15CM

DOSS®



- Ideal for connecting a standard powerboard to a UPS
- Length: 150mm

K15IEC		27752105

IEC / APPLIANCE POWER LEAD

DOSS®



- Flexible 3x 0.75mm² power cord
- 3-pin AU plug to IEC socket
- 10A plug
- AS/NZS3112 compliant
- Approved

●	0.5m	0.5m	K9-0.5MB	27752108
●	1m	1m	K9-1MB	27752110
●	2m	2m	K9-2MB	27752115
●	3m	3m	K9-3MB	27752120
●	5m	5m	K9-5MB	27752125
○	1m	1m	K9-1MW	27752170
○	2m	2m	K9-2MW	27752175
○	3m	3m	K9-3MW	27752180
○	5m	5m	K9-5MW	27752185

HIGH-TEMP NOTCHED IEC LEAD

A 10 Amp AC hot appliance cord with elastomer flex as required by many kitchen appliances.



- High-temperature, notched-type IEC-C15 connector
- Australian 3-pin mains plug with insulated pins
- AS/NZS3112 compliant

1m	K9HT-1MB	27752112
2m	K9HT-2MB	27752113

IEC LOCKING POWER LEADS



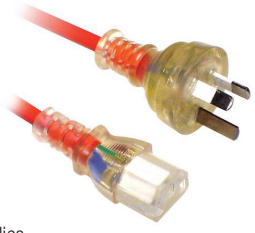
1x IEC Lock C13 Female Socket.

- 1x 3-Pin Australian Male Plug
- Can be used with ANY standard C14 inlet
- Protects against accidental disconnection of critical equipment
- Connector cannot be accidentally pulled out or vibrated out

0.5m	K9-0.5MLK	27752204
1m	K9-1MLK	27752206
2m	K9-2MLK	27752208
3m	K9-3MLK	27752210
5m	K9-5MLK	27752212

IEC MEDICAL ORANGE POWER - 2M

DOSS®



- A 3-core general duty power cord as used on some compact Switch Mode Power Supplies
- Fitted with IEC-C13 connector and Australian 3-pin mains plug with insulated pins
- Orange coloured flex and transparent mains plug & IEC connector

K9-2MTMED		27752215

RIGHT-ANGLE WALL PLUG POWER LEAD

DOSS®



- Flexible 3x 0.75mm² power cord
- 3-pin right angle AU plug to IEC socket
- 10A plug
- AS/NZS3112 compliant
- Approved

●	0.5m	K9-0.5MTR	27752236
●	2m	K9-2MTR	27752240

IEC C13 POWER LEAD - 2M

DOSS®



3-core flex fitted with a right-angle 3-Pin Australian main plug with insulated pins compliant with AS/NZS3112 and a left-hand right-angle IEC-C13 connector.

K9-RA2MR		27752242

RIGHT-ANGLE IEC POWER LEAD

DOSS®



- Flexible 3x 0.75mm² power cord
- 3-pin AU plug to right angle IEC socket
- 10A plug
- AS/NZS3112 compliant
- Approved

●	2m	2m	K9-RA2MT	27752260
●	3m	3m	K9-RA3MT	27752261
●	5m	5m	K9-RA5MT	27752263
○	2m	2m	K9-RA2MTW	27752270

MAINS POWER TO 2X IEC 'Y' - 2M

DOSS®



A 10 Amp 3-core power cord fitted with 2x IEC-C13 Female connectors.

- Suitable for supply of power to both a PC and monitor from a single power outlet

K9YIEC2		27752290

IEC EXTENSION LEAD

DOSS®



AC power extension cord as used on most computers and office equipment.

- AS/NZS3112 compliant
- Approved

●	2m	K10-2MT	27752310
●	5m	K10-5MT	27752320
○	2m	K10-2MTW	27752350
○	5m	K10-5MTW	27752360

IEC EXTENSION TO 2X IEC 'Y' - 2M

DOSS®



This IEC Male to 2 Female Extension Lead is ideal for connecting printer or monitor to your computer.

- Extends a standard IEC Power Cord
- Flexible 3x 0.75mm² power cord
- IEC socket to IEC plug
- 10A plug

K10YIEC2		27752380

CLOVER LEAF POWER LEAD

DOSS®



A 3-core general duty power cord as used on some compact Switch Mode Power Supplies (laptop computers) and small appliances.

2m	CLPC52	27752420
3m	CLPC53	27752422
5m	CLPC55	27752424

RIGHT-ANGLE CLOVER LEAF LEAD



Right-angled 3-core general duty power cord, to be used on some compact Switch Mode Power Supplies (laptop computers) and small appliances.

2m	RCLPC52	27752426
3m	RCLPC53	27752428

EUROPEAN IEC POWER LEAD - 1.8M



- IEC C13 to European 15A / 250V AC Mains Power Cord ("Schuko")
- 10 amp AC power cord as used on most European computers and office equipment
- Fitted with an IEC-C13 connector and a 230V earthed European Schuko mains plug

K9-1.8MTEU		27752440

USA IEC POWER LEAD - 1.8M



Kettle style lead with 3-pin American plug that includes the earth pin.

K9-1.8MTUS		27752450

RIGHT ANGLE USA IEC LEAD - 1.8M



Right-angled Kettle style lead with 3-pin American plug that includes the earth pin.

K9-RA1.8MTUS		27752451

IEC-C19 POWER LEAD



As used on rack mounted power boards. Fitted with a IEC-C19 socket connector and an Australian 10 or 15 Amp 3-pin mains plug with insulated pins compliant with AS/NZS3112.

- Rated Current: 15A
- 1.5mm² power cord
- AS/NZS3112 compliant
- Approved

1m	15A	K19-1MB15A	27752610
2m	10A	K19-2MB10A	27752618
2m	15A	K19-2MB15A	27752620
3m	15A	K19-3MB15A	27752630
5m	15A	K19-5MB15A	27752640

15 AMP IEC-C20 EXTENSION LEAD



As used on rack mounted power boards, servers and UPSs.

- 15 Amp 1.5mm² AC power cord
- RoHS Compliant
- AS/NZS3112 compliant
- Approved

2m	K20-2MB	27752720
5m	K20-5MB	27752740

2-PIN BARE WIRE POWER LEAD



Bare end power lead for new/repair appliances.

- 2x 24/0.20, 7.5Amp lead
- Black sheathed cable
- 2-pin AU plug to bare ends
- AS/NZS3112 compliant
- Approved

●	2m	7.5A	22PB	27753003
●	3m	7.5A	32PB	27753004

7.5A BARE-WIRE MAINS LEAD



- 3-pin AU plug to bare ends
- Flexible 3x 0.75mm² power cord

●	2m	7.5A	23PB075	27753006
○	2m	7.5A	23PW	27753018
●	5m	7.5A	53PB	27753022
○	5m	7.5A	53PW	27753024

7.5A 3-CORE RIGHT ANGLE - 2M

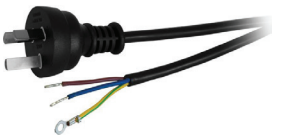


Flexible 3x 0.75mm² power cord.

- Length: 2m
- Colour: Black
- 3-pin right angle AU plug to bare ends
- 10A plug
- Strip: 10mm

●	(Right angle) 2m	7.5A	23PBR	27753007

10A 3-CORE MAINS LEAD - 2M



Bare end power lead for new/repair appliances.

- 10A Lead
- 10A 3-Pin AU Plug
- Length: 2m
- Black sheathed cable

●	2m	10A	23PB100	27753008

FIGURE-8 MAINS LEAD



2-core light-duty power cord as used on some small appliances and laptop power supplies. Fitted with an IEC C7 / Figure-8 connector and Australian 2-pin mains plug with insulated pins.

- Rated Current: 7.5A
- Approved

0.5m	705AC	27871025
1m	710AC	27871028
2m	720AC	27871032
3m	730AC	27871033
5m	750AC	27871035

FLAT MAINS FIGURE-8 LEAD - 2M



2m flat mains to figure-8 lead.

- Right angle plug
- Black colour

[Right-angle Mains] 2m	720ACR	27871042

240V AC MAINS TO FIGURE-8 LEAD - 2M



2m white mains to figure-8 lead.

- 2-core light-duty power cord
- White colour
- Application: Residential/ General purpose

720ACW		27871045

FLAT MAINS TO FIGURE-8 LEAD - 2M



2m flat mains to figure 8 lead.

- Right angle plug
- White colour

720ACRW		27871047

2-CORE INLINE SWITCH POWER LEAD



Black sheathed 2-core mains lead to bare ends with 2 Amp inline switch and moulded 2-Pin mains plug. For lamp cords & low current applications.

- 1.8m from plug to switch
- 0.5m tail

○	2.3 Metre	2.3m	18WS	27871050
●	2.3 Metre	2.3m	18BS	27871060

RIGHT-ANGLE MAINS FIGURE-8 LEAD



2-core light duty power cord as used on some small appliances and laptop power supplies.

- Fitted with a right-angle IEC C7 / Figure-8 connector and Australian right-angle 2-pin mains plug with insulated pins
- Application: Residential/General purpose
- Rated voltage: 250V
- Rated Current: 7.5A

2m	R720ACR	27871072
3m	R730ACR	27871074

240V AC MAINS TO FIGURE-8 - 2M



2-core light duty power cord as used on some small appliances and laptop power supplies.

- Fitted with a right-angle IEC C7 / Figure-8 connector and Australian 2-pin mains plug with insulated pins.
- Type: Plug with socket
- Application: Residential/General purpose
- Rated voltage: 250V
- Rated Current: 7.5A

	R720AC	27871105

EXTENSION

POWER EXTENSION LEAD



PVC ordinary-duty cable with fully moulded, 3-pin plug and socket.

- 230/240V AC
- 10 Amps
- 2400W max.
- 3-core 1.0mm²

○	2m	EXL2M	27782012
○	3m	EXL3M	27782017
○	5m	EXL5M	27782032
○	7m	EXL7M	27782040
○	10m	EXL10M	27782048
○	15m	EXL15M	27782050
○	20m	EXL20M	27782081
●	2m	EXL2MB	27782013
●	3m	EXL3MB	27782020
●	5m	EXL5MB	27782036
●	7m	EXL7MB	27782041
●	10m	EXL10MB	27782049
●	15m	EXL15MB	27782051
●	20m	EXL20MB	27782083

EASY REACH POWER SWITCH



Eco Switch easy to reach power switch.

- Save money by eliminating standby power
- Simple to use
- Easy to reach
- Extend the life of your electronics
- Reduce risk of fire

	ECOSWITCH	27781052

LEAD WITH RCD SAFETY SWITCH - 2M



Ultracharge 2m 10A extension lead with inline RCD protection.

- 10A 230-240V 50Hz AC
- 3-Core 1.5mm² Heavy-duty Cable
- Rated leakage tripping current: 30mA
- Max Tripping time: <0.1s
- 2m length

	UR240RCD	27782099

'Y' EXTENSION LEAD - 2M

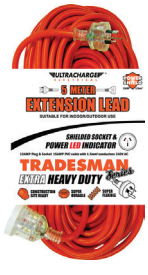


Ultracharge Y extension lead.

- 1x mains plug to 2x mains extension sockets
- Length: 2m
- 10 Amp

	UR2402Y	27782101

HEAVY-DUTY EXTENSION LEAD



Ultracharge heavy-duty tradesman extension lead.

- LED power indicator

5m	UR2405T	27782102
10m	UR24010T	27782104
15m	UR24015T	27782106
25m	UR24025T	27782110
30m	UR24030T	27782111

HANDYMAN EXTENSION REEL - 25M



Ultracharge 25m power cable on a heavy duty reel with soft grip and 4-way surge board.

- 25 metre cable
- Heavy-duty reel with soft grip
- 4-way surge board

	UR24025R	27782114

EXTENSION REEL 3-WAY POWER BOARD - 3M



3-way Power Board with 3m reel.

- Overload protection
- Master power switch

	MS4043	27782120

EXTENSION REEL 4-WAY POWER BOARD - 15M



4-way Power Board with 15m reel.

- Overload protection
- Master power switch

	MS4039	27782122

PIGGY-BACK EXTENSION LEAD



These safety leads are ideal for general household duties. Having fully moulded plugs and sockets for extra protection, they allow you to plug in an additional plug without need for a double adaptor.

- Rated: 10A / 240V AC

1m	R2601	27782150
2m	R2602	27782155
4m	R2604	27782160

USA PLUG EXTENSION LEAD



Heavy-duty 15A USA extension leads.

- USA 3-pin power plug to USA 3-pin socket

1.8m	EXLUSA1.8	27782200
5m	EXLUSA5	27782205

EXTRA HEAVY-DUTY - 30M

HPM



30m extra heavy-duty construction site Extension Lead.

- Ideal for building, industrial & construction sites
- Voltage: 230-240V AC 50Hz
- Current: 10 Amps
- Cable: 3-core 1.5mm² flexible extra heavy-duty

30m	15A (Extra Heavy Duty)	R2930	27782507

15A CARAVAN EXTENSION LEAD

ULTRACHARGER ELECTRICAL



- 15 Amp
- Heavy-Duty

10m	UR25010RV	27782510
15m	UR25015RV	27782512
20m	UR25020RV	27782514

TEST LEADS

TEST LEAD WITH BANANA PLUGS



Multi-Contact MC STAUBLI GROUP

Highly flexible Test Leads with stackable 4mm Multi-Lam plugs.

- Soldering iron resistant
- Practical application under extreme climatic and laboratory conditions in between –100°C and +300°C
- Laminated cage spring with solid brass pin ensures a virtually non-resistive contact
- Conductor: 384/0.05mm (Ø0.75mm)

●	0.5m	0.5m	SML050BLK	27911185
●	0.5m	0.5m	SML050RED	27911186
●	0.5m	0.5m	SML050BLU	27911187
●	0.5m	0.5m	SML050YEL	27911188
●	0.5m	0.5m	SML050GRN	27911189
●	1m	1.0m	SML100BLK	27911207
●	1m	1.0m	SML100RED	27911208
●	1m	1.0m	SML100BLU	27911209
●	1m	1.0m	SML100YEL	27911210
●	1m	1.0m	SML100GRN	27911211
●	1m	1.0m	SML100VIO	27911212

SAFETY BANANA PLUG TEST LEADS

Multi-Contact MC STAUBLI GROUP



- Up to 1000V, 16 Amp
- Length: 1m
- Highly flexible HCK-leads
- 0.75mm² cross-section
- 4mm axial safety plugs

●	1m	XMS402BLK	27911301
●	1m	XMS402RED	27911302

TEST LEAD WITH MULTI-PLUG

Multi-Contact MC STAUBLI GROUP



- Leading end: 4mm safety plug
- Trailing end: 4mm safety angular Multi-Lam Plug
- Highly flexible HCK leads
- 16 Amp & up to 1000V AC/DC

●	1m	XPS482BLK	27911456
●	1m	XPS482RED	27911457

4MM RIGHT ANGLE TEST LEADS - 1M



1 metre Red, Black leads with Safety 4mm right angle banana plugs and Safety grip 135mm test probes with sharp test points.

1m	Safety banana to safety point	SC1002	27912115

4MM STRAIGHT TEST LEADS - 1M



1 metre Red, Black test lead pairs with flexible moulded banana plugs and moulded test probes with sharp test points. With 4mm plugs.

1m	Banana to point	SC1003	27912118

TV FLYLEADS

PAL - PAL

PAL PLUG TO PAL PLUG - 3.5M

CONNEXIA



- PAL plug to PAL plug
- Female adaptor included

X05475	00771114

RG59 QUAD SHIELDED PAL FLYLEAD

Pro.2 Providing AV Solutions



RG59 is generally preferred for fly-leads due to greater flexibility over RG6. Fly-leads are often required to fit within tight spaces, behind wall mounted TV's or around entertainment furniture.

- PAL plug to PAL plug
- Digital ready
- 75Ω Quad shield coaxial

●	0.5m	FL59Q-0.5PP	00771070
●	1m	FL59Q-1PP	00771080
●	1.5m	FL59Q-1.5PP	00771090
●	2m	FL59Q-2PP	00771100
●	3m	FL59Q-3PP	00771110
●	5m	FL59Q-5PP	00771120
●	10m	FL59Q-10PP	00771130
○	0.5m	FL59Q-0.5PPW	00771140
○	1m	FL59Q-1PPW	00771150
○	2m	FL59Q-2PPW	00771160
○	3m	FL59Q-3PPW	00771170

RG6 QUAD-SHIELD PAL FLYLEAD

Pro.2 Providing AV Solutions



RG6 should be used exclusively for satellite and cable TV hook-ups.

- PAL plug to PAL plug
- Digital ready
- 75Ω Quad shield coaxial

●	1.5m	FL6Q-1.5PP	00771610
○	1.5m	FL6Q-1.5PPW	00771675

F TYPE - F TYPE

QUAD SHIELDED RG59 F-TYPE FLYLEAD - 0.3M

Pro.2 Providing AV Solutions



- F-Type plug to F-Type plug
- Digital ready
- 75Ω Quad shield coaxial

●	0.3m	FL59Q-0.3FF	00771460

'F' PLUG TO 'F' PLUG TV CABLE - 1.8M

CONNEXIA



- 'F' plug to 'F' plug
- 'F' socket 75Ω Male adaptor included

●	1.8m	X03262	00771492

'F' PLUG TO 'F' PLUG TV CABLE - 2M

CONNEXIA



- 'F' plug to 'F' plug
- Male PAL adaptor included

X03255	00771495

RG59 QUAD COMPRESSION F-TYPE PLUG LEAD

Pro.2



The new compression plug not only improves aesthetics for a cleaner install, but also adds strength, results in less snags when pulling a cable from a bundle, and less crowding for improved air flow around equipment.

- F-Type plug to F-Type plug
- Digital ready
- Quad shield coaxial 75Ω

Length	Model	Code
0.5m	FL59Q-0.5CFF	00773010
1m	FL59Q-1CFF	00773020
2m	FL59Q-2CFF	00773030

RG6 QUAD COMPRESSION F-TYPE PLUG LEAD

Pro.2



The new compression plug not only improves aesthetics for a cleaner install, but also adds strength, results in less snags when pulling a cable from a bundle, and less crowding for improved air flow around equipment.

- F-Type plug to F-Type plug
- Type: RG6
- Digital ready
- Quad shield coaxial 75Ω

Length	Model	Code
3m	FL6Q-3CFF	00773040
5m	FL6Q-5CFF	00773050
10m	FL6Q-10CFF	00773060
15m	FL6Q-15CFF	00773070

PAL - F TYPE

RG59 QUAD PAL TO F-TYPE LEAD

Pro.2



- PAL plug to F-Type plug
- Digital ready
- Quad shield coaxial 75Ω

Length	Model	Code
0.5m	FL59Q-0.5PF	00771330
1m	FL59Q-1PF	00771340
1.5m	FL59Q-1.5PF	00771350
2m	FL59Q-2PF	00771360

'F' PLUG TO PAL PLUG CABLE - 2M

CONNEXIA



High performance braided coaxial cable.

- 'F' plug to PAL plug
- Female PAL adaptor included
- Gold-plated

X03257	00771362

'F' PLUG TO PAL PLUG CABLE

CONNEXIA



- 'F' plug to PAL plug
- Female PAL adaptor included

Length	Model	Code
2m	X03272	00771364
4m	X03472	00771892

RG6 QUAD PAL TO F-TYPE LEAD

Pro.2



- PAL plug to F-Type plug
- Digital ready
- Quad shield coaxial 75Ω

Length	Model	Code
1.5m	FL6Q-1.5PF	00771860
3m	FL6Q-3PF	00771880

EXTENSION LEADS

RG59 QUAD PAL EXTENSION LEAD

Pro.2



RG59 is generally preferred for fly-leads due to greater flexibility over RG6.

- Digital ready
- Quad shield coaxial 75Ω

Length	Model	Code
0.3m	EL59Q-0.3PP	00771200
1m	EL59Q-1PP	00771210
1.5m	EL59Q-1.5PP	00771220
2m	EL59Q-2PP	00771230
3m	EL59Q-3PP	00771240
5m	EL59Q-5PP	00771250
10m	EL59Q-10PP	00771260

CABLE (ROLLS & BOXES)

VIDEO

TRIO + STEREO COAX CABLE - 1M

DOSS



5x RG59 bonded cable – ideal for professional, permanent AV installations (inside walls, under floors etc.)

- Red/Green/Blue/ Red/White colour coded cores

Sold by	Roll Length	Model	Code
Metre	100m	RG59RGBTS-1MT	05033043

AUDIO & MICROPHONE

AUDIO / MIC CABLE - 1M

DOSS



- 2x 16/0.2mm tinned copper conductor
- Braided tinned copper wire shield
- O/D: 5.4mm
- Black PVC sheath with cotton filler
- Insulation Thickness: 0.3mm

Sold by	Roll Length	Model	Code
Metre	100m	2X16.2-1M	05032112
Roll	100m	2X16.2-100M	05032113

BLUE AUDIO/MIC CABLE

DOSS



Scratch and Dent Stock: Slight oily film on insulation surface. Seems to disappear after exposure to the air. Still perfect for in-wall/ceiling installations.

- 2x 23/0.12mm, PVC sheathed with cotton filler
- O/D: 6.35mm
- Insulation Thickness: 0.71mm
- Colour: Blue
- 100m Roll

Sold by	Roll Length	Model	Code
Metre	100m	2X23.12-1M	05032128
Roll	100m	2X23.12-100M	05032132

EXTRA FLEX AUDIO/MIC CABLE

eurocable



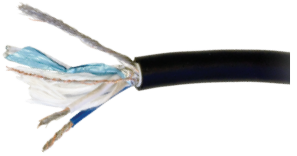
The Eurocable Extra Flex is the pro industry standard for applications that requires the repeated rolling and unrolling of cable for staging performances, temporary gigs or PA setups.

- Ultra flexible with rubber & PVC sheath, suits Cannon type mic connectors
- 2x 23/0.12mm
- O/D: 6.35mm
- Insulation thickness: 0.71mm

Sold by	Roll Length	Model	Code
Metre	100m	LK02N6E-1MT	05032136
Metre	100m	LK02B6E-1MT	05032137
Metre	100m	LK02Y6E-1MT	05032138
Metre	100m	LK02G6E-1MT	05032139
Metre	100m	LK02R6E-1MT	05032140

MIC CABLE FOIL+BRAID SHIELD - 1M

Amphenol



- 2-core
- 80/0.08 tinned copper conductors
- Foil with braided wire screen
- 6.8mm outer diameter

Sold by	Roll Length	Model	Code
Metre	100m	2X80.08-1MT	05032141

TWIN INDIVIDUAL SHIELD - 1M

DOSS®



- 2x 10/0.12mm, Figure 8 type
- Black PVC sheathed
- Ideal for Audio Leads, Turntables, CD players & Tape connections

Sold by	Roll Length	Model	Code
Metre	100m	2X10.12-1M	05032144

INDIVIDUALLY SHIELDED - 1M

4x 10/0.12mm, colour coded cores with individually wrapped copper shielding cable.



- Round Black PVC sheath
- O/D: 4.8mm
- Per metre

Sold by	Roll Length	Model	Code
Metre	100m	4X10.12-1MT	05033000

BALANCED MIC CABLE - 100M

PROCAB



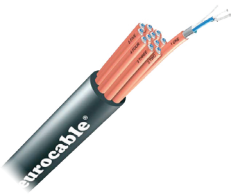
High quality balanced microphone cable.

- Flamoflex™ outer jacket
- Solid conductors with aluminium foil shielding and drain wire
- 24AWG twisted pair with shielding
- Meter indicator on cable

	CMC124-100	05033085

MULTI-PAIR AUDIO CABLE

eurocable



Low profile multipair cable with individual aluminium foil shields each isolated with an individual jacket.

- Each pair an aluminium/mylar foil shield with drain wire inside the foil for easier installation
- Each jacket is numbered for easy channel identification
- Outer jacket in black flame retardant (IEC 332.3 Cat 'C') PVC

Sold by	Roll Length			Model	Code
Metre	500m	2 pair	Ø7.2mm	LKSSA02C-1MT	05043002
Metre	500m	4 pair	Ø9.5mm	LKSSA04C-1MT	05043005
Metre	500m	8 pair	Ø11.6mm	LKSSA08C-1MT	05043010
Metre	500m	12 pair	Ø14.4mm	LKSSA12C-1MT	05043015
Metre	500m	16 pair	Ø16.6mm	LKSSA16C-1MT	05043018
Metre	200m	20 pair	Ø17.8mm	LKSSA20C-1MT	05043022
Metre	200m	24 pair	Ø19.0mm	LKSSA24C-1MT	05043026
Metre	200m	28 pair	Ø21.5mm	LKSSA28C-1MT	05043028
Metre	200m	32 pair	Ø22.7mm	LKSSA32C-1MT	05043030
Metre	200m	40 pair	Ø24.5mm	LKSSA40C-1MT	05043032
Metre	200m	48 pair	Ø27.3mm	LKSSA48C-1MT	05043034
Metre	200m	56 pair	Ø27.7mm	LKSSA56C-1MT	05043036
Metre	200m	64 pair	Ø29.9mm	LKSSA64C-1MT	05043038

MULTI-PAIR MESH SHIELDED CABLE

eurocable



The SS series key features are high flexibility and long flexlife. Thanks to these properties SS is one of the most popular cables for critical outdoor use applications. The external jacket is extra flexible PVC, ensuring anti-treading and anti-abrasion features.

- XLPE conductor insulation is particularly resistant to high temperatures
- All pairs are individually shielded, twisted and identified by numbers and letters
- Each pair consists of two insulated twisted conductors and drain wire enclosed within a high-density spiral copper shield
- Available from 2 to 48 pairs

Sold by	Roll Length			Model	Code
Metre	500m	2 pair	Ø8.0mm	LKSS02C-1MT	05043050
Metre	500m	4 pair	Ø9.6mm	LKSS04C-1MT	05043052
Metre	500m	8 pair	Ø12.8mm	LKSS08C-1MT	05043054
Metre	200m	12 pair	Ø14.9mm	LKSS12C-1MT	05043056
Metre	200m	16 pair	Ø16.9mm	LKSS16C-1MT	05043058
Metre	200m	20 pair	Ø18.9mm	LKSS20C-1MT	05043060
Metre	200m	24 pair	Ø20.3mm	LKSS24C-1MT	05043062
Metre	200m	28 pair	Ø21.6mm	LKSS28C-1MT	05043064
Metre	200m	32 pair	Ø23.2mm	LKSS32C-1MT	05043066
Metre	200m	40 pair	Ø25.4mm	LKSS40C-1MT	05043068
Metre	200m	48 pair	Ø27.8mm	LKSS48C-1MT	05043070

AUTOMOTIVE

3MMX2 FIG8 AUTO CABLE - 1M

2x 14/0.3mm (9 Amp) cable.



- Red PVC sheathed with black trace
- Per metre

	Sold by	Roll Length			Model	Code
●	Metre	100m	14/0.3mm	9A	TAW163RDBK	05040301

SINGLE CORE AUTOMOTIVE POWER CABLE - 1M



- PVC sheathed in Red or Black
- Per metre

	Sold by	Roll Length			Model	Code
●	Metre	30m	14/0.3mm	9A	AW163BK	05040319
●	Metre	30m	14/0.3mm	18A	AW163RD	05040320
●	Metre	30m	26/0.3mm	18A	AW263BK	05040379
●	Metre	30m	26/0.3mm	18A	AW263RD	05040380
●	Metre	30m	65/0.3mm	40A	AW653BK	05040390
●	Metre	30m	65/0.3mm	40A	AW653RD	05040391

FIG8 AUTO CABLE - 1M

2x 26/0.3mm (18 Amp) cable.

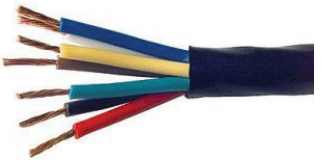


- Red PVC sheathed with black trace
- Per metre

	Sold by	Roll Length			Model	Code
●	Metre	100m	26/0.3mm	18A	4MMX2-1MT	05040351

TRAILER CABLE - 1M

7x 9/0.3mm (6 Amp) cable.



- Black PVC sheathed
- Ideal for trailer connection
- Per metre

	7X9.3-1M	05041201

COMPUTER

IDC RIBBON CABLE - 1M



Suits IDC plugs and sockets also internal wiring of electronic equipment, computers etc.

- Extruded grey cable with red tracer
- Conductors: 28AWG (7/0.127mm)
- Rate Voltage: 300V DC
- Pitch: 1.27mm
- Thickness: 0.9mm (± 0.1)
- Per metre

Sold by	Roll Length			Model	Code
Metre	30m	10-core	12.70mm	10WCOM-1M	05060971
Metre	30m	16-core	20.32mm	16WCOM-1M	05061002
Metre	30m	20-core	25.40mm	20WCOM-1M	05061008
Metre	30m	25-core	31.75mm	25WCOM-1M	05061018
Metre	30m	26-core	33.02mm	26WCOM-1M	05061023
Metre	30m	34-core	43.18mm	34WCOM-1M	05061034
Metre	30m	40-core	50.80mm	40WCOM-1M	05061058
Metre	30m	50-core	63.50mm	50WCOM-1M	05061066
Metre	30m	64-core	81.28mm	64WCOM-1M	05061077

MULTI-CORE SCREENED DATA CABLE - 1M

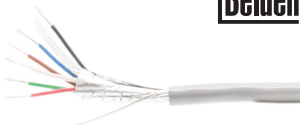


- 7/0.2mm tinned copper conductors
- Grey PVC-V105 Flame Retardant sheath
- Aluminium Polyester laminate foil
- Colour coded
- Per metre

Sold by	Roll Length			Model	Code
Metre	100m	4-core	Ø4.8mm	4X7.2SCR-1M	05062116
Metre	100m	6-core	Ø5.5mm	6X7.2SCR-1M	05062132
Metre	100m	8-core	Ø5.9mm	8X7-.2SCR-1M	05062137
Metre	100m	12-core	Ø6.9mm	12X7.2SCR-1M	05062148

MULTI-CONDUCTOR CABLE RS232 - 1M

Belden



6-core screened data cable to suit RS-232 communications.

- Conductor: Copper, 24AWG, 7/0.2mm, 0.2mm²
- Aluminium Polyester Foil Shield
- Outer Diameter: Ø5.31mm
- Per metre
- Voltage Rating: 300V
- Current Rating: 1.75A

		Model	Code
		B9536-1M	05109500

TELEPHONE

MODULAR MULTICORE TELEPHONE CABLE - 1M



- 7 strands/0.15mm per core
- PVC outer sheath
- Colour Coded Conductors
- Per metre

	Sold by	Roll Length			Model	Code
●	Metre	100m	2-core	Flat	T2-1M	05111002
●	Metre	100m	4-core	4.8mm	T4-1M	05111008
●	Metre	100m	6-core	5.5mm	T6-1M	05111023
●	Metre	100m	8-core	5.9mm	T8-1M	05111039

ROUND TELEPHONE CABLE - 1M



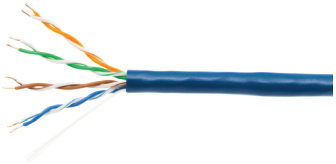
- 1/0.5mm plain solid copper, V-75 insulated
- Cream PVC outer sheath
- Per metre

	Sold by	Roll Length			Model	Code
●	Metre	100m	4-core	Ø3.5mm	2PRTEL-1M	05112024
●	Metre	100m	6-core	Ø4.8mm	3PRTEL-1M	05112040
●	Metre	100m	12-core		6PRTEL-1M	05112056

CAT5/6

CAT5E SOLID CORE UTP CABLE - 1M

DOSS®



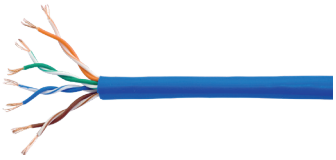
High performance 100MHz Category 5e in-building distribution cable.

- Unshielded twisted pair (UTP)
- Compliant Standards EIA/ TIA-568 Category 5e
- Wires per cable: 8 wires/ Pairs per cable: 4 pairs
- Flexible unshielded 24AWG solid pairs copper
- CMR rated
- For high speed data applications
- Kink resistant easy to install jacket
- Per metre

	Sold by	Roll Length	Model	Code
●	Metre	305m	4PRX7BLU-1M	05062805

CAT5E STRANDED CORE - 1M

DOSS®



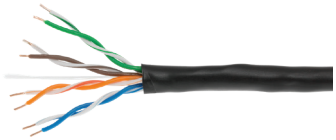
Flex-plus plenum is a Category 5e in-building distribution cable.

- 4 unshielded twisted pairs(UTP) 7 strand copper FEP insulated conductors
- For high speed data applications 100Mbps and beyond
- Kink resistant easy to install jacket
- Supports network systems ie Ethernet, Token Ring and X-DDT
- Transmission distance meets or exceeds 100m horizontal distribution
- Attenuation: 32dB @1000ft (100MHz)
- Per metre

Sold by	Roll Length	Model	Code
Metre	100m	4PRX7ST-1M	05062820

CAT5E UNAPPROVED CCA UTP CABLE - 1M

DOSS®



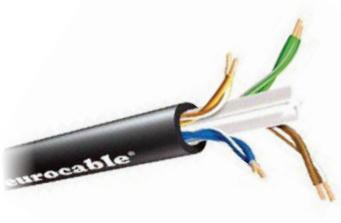
Perfect for those installing CCTV systems and don't want the cost of RG59U cabling.

- Economical alternative to expensive CAT6 cabling when used only for video/audio/CCTV distribution
- Not approved for typical network/communications networks
- Per metre

Sold by	Roll Length	Model	Code
Metre	305m	UNA4PRX7BLK-1MT	05062705

CAT5E FLEXIBLE CABLE

eurocable



The eurocable CAT5e range includes both solid and stranded cables.

- UTP Flexible CAT5e cable
- ISO/IEC 11801 and EIA/ TIA 568B.2 certificated
- Solid or stranded available
- Screened and foiled also available
- Per metre

Sold by	Roll Length			Model	Code
Metre	304m	Solid Core	Unshielded	LKCAT5E-1MT	05063100
Metre	304m	Stranded Core	Unshielded	LKCAT5EP-1MT	05063105
Metre	304m	Stranded Core	Screened & foiled	LKCAT5ESFP-1MT	05063110

CAT5E STRANDED CABLE BLUE - 100M

DOSS®



Flex-plus plenum is a Category 5e in-building distribution cable.

- 4 unshielded twisted pairs (UTP) 7 strand copper FEP insulated conductors
- For high speed data applications 100Mbps and beyond
- Kink resistant easy to install jacket
- Supports network systems ie Ethernet, Token Ring and X-DDT
- Transmission distance meets or exceeds 100m horizontal distribution
- Attenuation: 32dB @1000ft (100MHz)

C5RSTBLU	05064010

CAT5E SOLID CABLE - 305M

DOSS®



High performance 100MHz Category 5 in-building distribution cable.

- Unshielded twisted pair (UTP)
- Compliant Standards: EIA/TIA-568 Category 5
- Wires per cable: 8 wires/Pairs per cable: 4 pairs
- Flexible unshielded 24AWG solid pairs copper
- CMR rated
- For high speed data applications
- Kink resistant easy to install jacket

●	C5RBLK	05064000
●	C5RBLU	05064002
●	C5RGRY	05064004
●	C5RYLW	05064006
●	C5RGRN	05064008

CAT5E OUTDOOR TOUGHCABLE PRO - 305M

UBIQUITI NETWORKS



Protect your networks from the most brutal environments with Ubiquiti's industrial-grade outdoor shielded Ethernet cable, TOUGHCable Pro.

- 8 conductor 24AWG wires with integrated ESD drain wire, anti-crosstalk divider, and secondary shielding
- Extreme weatherproof PE jacket material
- Ethernet support: Up to 1Gbps

TC-PRO	05062710

CAT6 SOLID CORE UTP CABLE - 1M

DOSS®



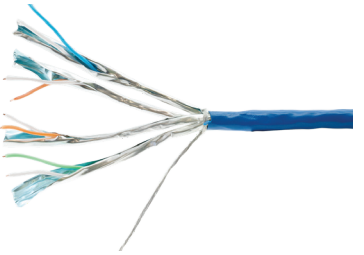
Available in durable 305 metre 5-ply pull-boxes with count-down metre-marking.

- Conductor Material: Bare Copper
- 23AWG (1/0.58 ± 0.02mm)

Sold by	Roll Length	Model	Code
● Metre	305m	4PRCAT6BLU-1M	05062825

CAT6 SSTP SOLID BLUE CABLE

DOSS®



S/STP (Screened Shielded Twisted Pair) cabling offers shielding between the pairs and an overall sheath shield within the cable protecting from EMI entering or exiting the cable, and reducing crosstalk.

- Aluminium foil shield around each individual pair
- Loose braided sheath
- Solid core conductors

Sold by	Roll Length	Model	Code
Metre	305m	SSTPCAT6BL-1M	05062900
Roll	305m	SSTPCAT6BL-305M	05062902

CAT6A F/UTP SOLID BLUE CABLE

DOSS®



Designed to support high speed data network applications such as 10-Gigabit Ethernet (10GBASE-T).

- Foiled/Unshielded Twisted Pair
- 4 pairs and a drain wire
- Minimises alien crosstalk

Sold by	Roll Length	Model	Code
Metre	305m	FTPC6ABL-1M	05062910
Roll	305m	FTPC6ABL-305M	05062912

CAT6 SOLID CABLE - 305M

DOSS®

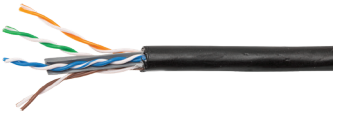


- Conductor Material: Bare Copper
- Size 23AWG
- Construction 1/0.58 +/- 0.02mm
- PVC Jacket available in Blue, Green, Grey, Red, Yellow, White & Black
- PVC spline separates pairs and maintains cable geometry

●	C6RBLU	05064012
●	C6RGRN	05064014
●	C6RGRY	05064016
●	C6RRED	05064018
●	C6RYLW	05064020
○	C6RWHT	05064022
●	C6RBLK	05064024

CAT6 OUTDOOR SOLID CABLE

DOSS®



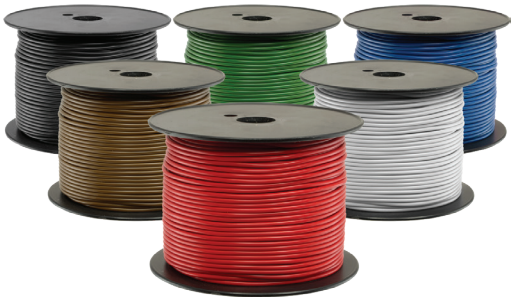
- Outdoor approved
- Made in Taiwan
- Water block tape technology – less messy than old jelly filled CAT6

Sold by	Roll Length	Model	Code
Metre	305m	CAT6OUTDOOR-1M	05062702
Roll	305m	CAT6OUTDOOR305	05062703

HOOKUP

HOOK UP WIRE AND CABLE

DOSS®



Wide variety of stranded hookup wire, perfect for just about any electronic project.

- Tinned copper wire
- Insulation: PVC-V105
- Availability: per metre and rolls
- Colours: Black, Blue, Brown, Green, Orange, Red, White & Yellow

	Sold by	Roll Length	O/D	Strands	Model	Code
●	Roll	30m	1.5mm	21/0.08	21-.08B-30M	05081220
●	Roll	30m	1.5mm	21/0.08	21-.08R-30M	05081221
●	Roll	30m	1.5mm	21/0.08	21-.08BLU-30M	05081222
●	Roll	30m	1.5mm	21/0.08	21-.08Y-30M	05081223
●	Roll	30m	1.5mm	21/0.08	21-.08GRN-30M	05081224
○	Roll	30m	1.5mm	21/0.08	21-.08W-30M	05081225
●	Roll	30m	1.6mm	7/0.25	7-.25G-30M	05082021
●	Roll	30m	1.6mm	7/0.25	7-.25R-30M	05082022
●	Roll	30m	1.6mm	7/0.25	7-.25BLU-30M	05082023
●	Roll	30m	1.6mm	7/0.25	7-.25Y-30M	05082024
●	Roll	30m	1.6mm	7/0.25	7-.25BR-30M	05082025
●	Roll	30m	1.6mm	7/0.25	7-.25OR-30M	05082027
●	Roll	100m	1.9mm	16/0.2	16-.2BLU-30M	05082032
●	Roll	100m	2.5mm	24/0.2	24-.2B-100M	05084000
●	Roll	100m	2.5mm	24/0.2	24-.2R-100M	05084001
●	Roll	100m	2.5mm	24/0.2	24-.2BLU-100M	05084002
●	Roll	100m	2.5mm	24/0.2	24-.2G-100M	05084003
●	Roll	100m	2.5mm	24/0.2	24-.2BR-100M	05084004
●	Roll	100m	3.2mm	32/0.2	32-.2R-100M	05086001
●	Metre	100m	2.5mm	24/0.2	24-.2B-1M	05092001
●	Metre	100m	2.5mm	24/0.2	24-.2R-1M	05092002
●	Metre	100m	2.5mm	24/0.2	24-.2BLU-1M	05092003
●	Metre	100m	2.5mm	24/0.2	24-.2G-1M	05092004
●	Metre	100m	2.5mm	24/0.2	24-.2BR-1M	05092005
●	Metre	100m	3.2mm	32/0.2	32-.2B-1M	05092300
●	Metre	100m	3.2mm	32/0.2	32-.2R-1M	05092301

POWER

2-CORE POWER CABLE

Figure-8 2-core flexible power cable.



- 17AWG (Ø1.13mm)
- PVC-V7 Insulation

	Sold by	Roll Length	Model	Code
●	Metre	100m	2X24-.2PB-1M	05093003
○	Metre	100m	2X24-.2PW-1M	05093005
●	Metre	100m	2X24-.2PG-1M	05093006
●	Roll	100m	2X24-.2PB-100M	05093015
●	Roll	100	2X24-.2PBR-100M	05093016
○	Roll	100m	2X24-.2PW-100M	05093017
●	Roll	100m	2X24-.2PG-100M	05093018

TWIN POWER CABLE - 1M

2-core power flex cable.



- 2-core x 24 strand/0.2mm
- Insulation: PVC - V7
- Colour: White or red

	Sold by	Roll Length	Model	Code
○	Metre	100m	2X24-.2DSW-1M	05093020
●	Metre	100m	2X24-.2DSR-1M	05093026

RED POWER - 100M

For Fire Evacuation installations.



- 2 core power flex
- 2 core x 24 strand/0.2mm
- Insulation: PVC - V7
- Colour: Red
- 100 metre reel

	Sold by	Roll Length	Model	Code
●	Roll	100m	24-.2DS-100R	05093027

3-CORE FLAT POWER CABLE - 1M



- Flat, Tough, White Plastic Sheath
- 2-core & Earth
- 7/0.67mm

	Sold by	Roll Length			Model	Code
○	Metre	100m	1.5mm²	1/1.13mm	CBL1.5TE-1M	05093030
○	Metre	100m	2.5mm²	7/0.67mm	CBL2.5TE-1M	05093035

3-CORE ROUND POWER CABLE - 1M

Ordinary duty PVC insulated, PVC sheathed flexible power cable.



- 3-core 32/0.2mm conductors
- Conductor Colours: Blue, Brown, & Green/Yellow
- O/D: Ø7.4mm
- Sold by the metre

	Sold by	Roll Length			Model	Code
●	Metre	100m	10A	Ø7.4mm	3X32-.2PG-1M	05094021

SPEAKER

ELEMENT 2.0 SPEAKER CABLE - 1M

ATLAS the performance connection

The Atlas Element 2.0 is considered by many as the reference for an entry level speaker cable.



Sold by	Roll Length	Model	Code
Metre	150m	CABELSP2	05100950

LIGHT-DUTY SPEAKER CABLE

DOSS®

Light-duty speaker cable for wiring Electronic Equip., Extension Speakers & Security Systems.

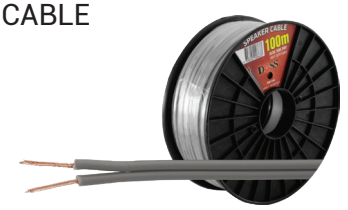


- 2-core 14 strand/0.14mm
- Untinned copper conductors, Grey sheath with coloured trace
- Amperage: 1.5 Amps
- Dimensions: 3.6x1.8mm

Sold by	Roll Length			Model	Code
Metre	100m	2-core	14/0.14mm	2X14-.14-1M	05101007
Roll	100m	2-core	14/0.14mm	2X14-.14-100M	05101008

LIGHT-DUTY SPEAKER CABLE

DOSS®



- 2-core 30 strand/0.14mm
- Untinned copper conductors, Grey sheath with coloured trace
- Amperage: 4 Amps
- Dimensions: 4.8x2.5mm

Sold by	Roll Length			Model	Code
Metre	100m	2-core	30/0.14mm	2X30-.14-1M	05101025
Roll	100m	2-core	30/0.14mm	2X30-.14-100M	05101026

MEDIUM-DUTY SPEAKER CABLE

DOSS®



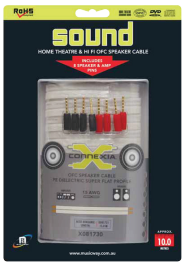
Medium-duty high quality speaker cable for wiring Hi-Fi speaker systems.

- 2-core 41 strand/0.16mm
- 1x tinned & 1x plain copper conductor
- White sheath with text trace

Sold by	Roll Length			Model	Code
Metre	100m	2 core	41/0.16mm	2X41-.16-1M	05101041
Roll	100m	2 core	41/0.16mm	2X41-.16-100M	05101042

15AWG SUPERFLAT BEIGE OFC SPEAKER CABLE + 8 PINS

CONNEXIA



Designed for installation of all home theatre and Hi-Fi hardware.

- Manufactured from OFC copper and a high density polyethylene dielectric recognised as minimising signal loss
- Gauge: 15AWG
- Available lengths: 10m, 15m and 20m

10m	X081730	05101084
15m	X081731	05101086
20m	X081729	05101088

12AWG 2-CORE SPEAKER CABLE

DOSS®



- Reverse metre marking
- Strand count: 165
- Jacket dimension: 8mm
- (Roll option comes with Reelex pulling box technology - tangle-free twist-free)

Sold by	Roll Length	Model	Code
Metre	152m	12G2C1M	05101155
Roll	152m	12G2C152M	05101150

14AWG 2-CORE SPEAKER CABLE - 152M

DOSS®



152m 14 AWG/2-Core Speaker Cable.

- Reelex pulling box technology – tangle-free twist-free
- Reverse metre marking
- Strand count: 105
- Jacket dimension: 6.3mm

Sold by	Roll Length	Model	Code
Roll	152m	14G2C152M	05101110

14AWG 4-CORE SPEAKER CABLE - 152M

DOSS®



Perfect for bi-amping.

- Reelex pulling box technology – tangle-free twist-free
- Reverse metre marking
- Strand count: 105
- Jacket dimension: 7.5mm

Sold by	Roll Length	Model	Code
Roll	152m	14G4C152M	05101130

16AWG 2-CORE SPEAKER CABLE - 152M

DOSS®



- Reelex pulling box technology – tangle-free twist-free
- Reverse metre marking
- Strand count: 65
- Jacket dimension: 5mm

Sold by	Roll Length	Model	Code
Roll	152m	16G2C152M	05101090

16AWG 2-CORE PINK SPEAKER CABLE - 1M

BLUSTREAM

Low loss multi-room installation cable.



- Australian made
- Low capacitance
- 152m pull Box
- Pink outer jacket

Sold by	Roll Length		Model	Code
Metre	152m	2-core	ISC162/1M	05107072
Metre	152m	4-core	ISC164/1M	05107076

14AWG 2-CORE SPEAKER CABLE - 152M

BLUSTREAM

Ultra low loss installation cable.



- 2-Core 14 Gauge speaker cable
- 152m pull Box
- Metre Marked and numbered
- Double insulation

Sold by	Roll Length	Model	Code
Roll	152m	ISC142/152	05107080

18AWG 4-CORE SPEAKER CABLE

DOSS®



- Twisted 4-core: 30/0.10mm (18AWG)

Sold by	Roll Length	Model	Code
Metre	100m	4X30-.10-1M	05107085
Roll	100m	4X30-.10-100M	05107088

HEAVY-DUTY SPEAKER CABLE

DOSS®

Extra heavy-duty, high quality OFC speaker cable, for wiring high powered Hi-Fi speaker.

- 2-core 96 strand 0.12mm
- 2x plain copper conductors
- Clear insulation/sheath with white trace



- Dimensions: 8x4mm

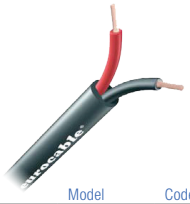
Sold by	Roll Length			Model	Code
Roll	30m	2-core	96/0.12mm	2X96.12R-30M	05109007

INDOOR/OUTDOOR SPEAKER CABLE

eurocable

Key features of eurocable flame retardant speaker cables are their extreme flexibility and superior strength.

- Two twisted insulated conductors enclosed within a single round jacket



Sold by	Roll Length			Model	Code
Metre	100m	1.5mm²	2x 48/0.2mm	02N15-1M	05109200
Metre	100m	2.5mm²	2x 80/0.2mm	02N25-1M	05109220
Metre	100m	4.0mm²	2x 128/0.2mm	02N40-1M	05109228

4X 128 STRAND 0.2MM SPEAKER CABLE - 1M

eurocable

- 4x 128 strand x 0.2mm
- Conductor Size - 4mm²
- Material Bare copper fire resistant PVC insulated
- Outside Diameter - 13.20mm
- Roll Length - 200 metre



Sold by	Roll Length	Model	Code
Metre	200m	04N40-1M	05109232

OUTDOOR CABLING KIT - 15M

studioacoustics

15 metre outdoor speaker cabling kit.

- Double insulated cable
- Two waterproof junctions
- 16 gauge speaker cable



Sold by	Roll Length		Model	Code
Roll	15m	2-core	SAOD15	39813367

INTERCOM

0.9MM 2-CORE INTERCOM CABLE - 1M

Official heavy-duty 2-core cable for installing intercoms, with extra tough sheath and solid conductor cores for low signal loss. This cable is designed to be pulled through narrow openings, behind walls, ceilings and under floors.



- Size: 3x2mm
- Per metre

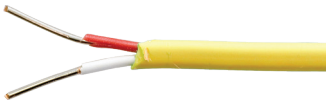
	Sold by	Roll Length	Model	Code
●	Metre	100m	KBWIREGRN-1M	05061974
●	Metre	100m	KBWIREYEL-1M	05061976

0.9MM 2-CORE CABLE - 200M ROLL

garland

Twin Sheath, 0.9mm, 2-core, PVC/PVC.

- Ideal for smoke detectors, fire alarms, Intercoms and public address systems



	Sold by	Roll Length	Model	Code
●	Roll	200m	KBWIRE200Y	05061990
●	Roll	200m	KBWIRE200G	05061995

1.2MM POLYETHYLENE CABLE - 100M

2 solid core conductors with 1.2mm tinned copper and PE conductor insulation.

- 100m roll



		Model	Code
		CMY-1.202C-1	05061982

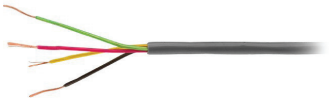
SECURITY

MULTI-CORE SECURITY CABLE

DOSS®

Suits low voltage applications, like Security, Audio, etc.

- 7 x 0.2mm stranded plain copper conductors
- Colour coded cores
- Grey PVC sheath



- Austel Approved

	Sold by	Roll Length			Model	Code
●	Metre	100m	4-core	7/0.2mm	4X7-.2SC-1M	05062008
○	Metre	100m	4-core	14/0.2mm	4X14-.2SC-1M	05062010
○	Metre	100m	6-core	7/0.2mm	6X7-.2SC-1M	05062024

4-CORE SECURITY CABLE - 100M

DOSS®

- Colour coded cores
- Grey PVC sheath
- Low voltage applications, like Security, Audio, etc.
- 4 core (4.8mmØ)
- 100 metre Reel



		Model	Code
		4X7-.2SC-100M	05062009

RG59 / FIG-8 CCTV COMBO CABLE

DOSS®

RG59 Video Coax, plus heavy duty 2-core figure-8 camera power cable with tracer in tough outer sheath.

- Designed for commercial applications
- Overall: 10mm



Sold by	Roll Length	Model	Code
Metre	100m	CCTVCOM24-1M	05062038
Roll	100m	CCTVCOM24-100M	05062039
Roll	250m	CCTVCOM24-250M	05062045

COAX

50Ω RG58U STRANDED CORE - 1M

BENELEC

Low Loss 50Ω Coax Cable.
Stranded Core/Foil/Braid.



RG58U-1M	05051010	

RG58 STRANDED COAX NETWORK CABLE

DOSS®

A 50Ω co-axial cable for communications and computer connection with 19 x 0.18mm stranded tinned copper conductor, copper braided shield, Polyethylene dielectric and Black PVC sheathed.



- Communication Cable as used for computer networking
- Capacitance: 100PF/M
- Attenuation @ 200MHz - 23dB/100m
- O/D: 5mm
- Roll length 100 metres

Sold by	Roll Length	Type	Model	Code
Metre	100m	RG58	RG58CU-1M	05051017
Roll	100m	RG58	RG58CU-100M	05051018

RG213 STRANDED COAX CABLE

DOSS®

A heavy-duty 50Ω coaxial cable.



- 7/0.752mm stranded plain copper conductor
- Copper braided shield
- Polyethylene dielectric
- Black PVC sheathed

Sold by	Roll Length	Type	Model	Code
Metre	100m	RG213	RG213DB-1M	05051047
Roll	100m		RG213DB-100M	05051048

RG59 COAX CABLE

DOSS®

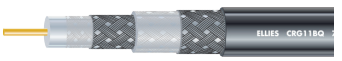


- Conductor: 1/Ø0.65mm CCS
- Insulation: Ø3.65mm PE
- Braiding: 16/7/0.14 OFC(88%)
- Jacket: Ø6.0mm PVC

Sold by	Roll Length	Type	Model	Code
Metre	100m	RG59	RG59U-1M	05052023
Roll	100m	RG59	RG59U-100M	05052024

RG6 TRI SHIELD COAX CABLE

JONSA



- Centre Conductor: Copper Clad Steel Wire 1/1.02 ± 1% (AWG18)
- Dielectric Material: Foamed HD Polyethylene Diameter (mm) 4.57
- Braid Material: Aluminium Alloy Wires
- Laminated Material: Bonded Laminated Aluminium Foil Shielding Tape (LST) Thickness (Microns) 60

Sold by	Roll Length	Type	Model	Code
Metre	305m		CRG6UBT-1M	05052080
Roll	305m		CRG6UBT-305M	05052081
Metre	305m	Siamese	CRG6UBTS-1M	05052084
Roll	305m	Siamese	CRG6UBTS-150M	05052085

RG6 QUAD SHIELD COAX CABLE - 1M

JONSA



- RG6 Quad shielded
- 75Ω
- Used for Satellite & Terrestrial TV
- Foxtel Approved F10129 / Austar approved A01583

Sold by	Roll Length	Type	Model	Code
Metre	305m	RG6	CRG6UBQ-1M	05052050

RG6 QUAD SHIELD SIAMESE COAX CABLE - 1M

JONSA



This siamese (twin) quad cable is ideal for twin tuner satellite decoders. Also ideal for those for running 2 decoders from a satellite dish with twin output LNB.

- RG6U Quad Shield
- 75Ω
- Pay TV (Foxtel and Austar) approved
- Sold by the metre (max continuous: 150m roll)

Sold by	Roll Length	Type	Model	Code
Metre	150m	RG6	CRG6UBQS	05052055

RG6 QUAD SHIELD COAX CABLE - 1M

KOOKABURRA



Specifically designed for Terrestrial - Free to Air.

- Reverse metre marked for installation ease
- Batch and lot number marked for identification and traceability
- Supplied in a robust and durable easy pull out box

Sold by	Roll Length	Model	Code
Metre	305m	CRG6QE/B	05052060

RG6Q QUAD SHIELD CABLE

Belden

Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The screening/ Outer conductor is an aluminium tape Covered with woven aluminium braid.



- Jacket: Ø7.54mm
- Conductor: Ø0.05mm copper clad steel centre
- Aluminium braid 60% & Sealed APA tape shield
- Suitable for UHF, Pay, Satellite

Sold by	Roll Length	Type	Model	Code
Roll	30m	RG6	RG6QB-30M	05052064
Metre	305m	RG6	RG6QBB-1M	05052065
Roll	100m	RG6	RG6QBR-100M	05052067

RG6 QUAD SHIELD COAX CABLE 305M BOX

Belden

Most domestic Foxtel jobs will use RG6 tri-shield, while this RG6Q is also approved for all commercial environments.



- Ideal for professional installers
- Sold only as 305m (1,000ft)
- Foxtel Approved: F30804

Sold by	Roll Length	Model	Code
Roll	305m	RG6QUAD305M	05052066

RG6 QUAD SHIELD CABLE

DOSS®



Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The shielding is 2x screening of aluminium tape covered with woven aluminium braid outer conductor.

- 1.05mm copper clad steel centre conductor
- 2x Aluminium 60% braid & 2x Sealed APA tape
- Suitable for UHF, Pay, Satellite - Ø7.54mm Jacket

Sold by	Roll Length	Type	Model	Code
Metre	305m	RG6	RG6QDB-1M	05052070
Roll	30m	RG6	RG6QDR-30M	05052077
Roll	100m	RG6	RG6QDR-100M	05052076
Roll	305m	RG6	RG6QDB-305M	05052100

RG6 QUAD SHIELD COAX CABLE WHITE - 100M

DIGITEK



RG6 Quad shield coax cable is recommended for FTA TV, Satellite and analogue CCTV.

- 4 layers of shielding
- Austar Approved

	Sold by	Roll Length	Model	Code
○	Roll	100m	RG6QW-100M	05052074

RG6Q QUAD SHIELD COAX CABLE WHITE - 1M

DIGITEK



RG6 Quad shield coax cable is recommended for FTA TV, Satellite and analogue CCTV.

- 4 layers of shielding
- Austar Approved

Model	Code
RG6QW-1M	05052079

93Ω NETWORK COAX CABLE - 1M

For computer network communications.

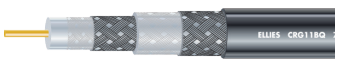


- Inner conductor: 1 x 0.64mm copper clad steel - copper weld & plain copper braid
- Nominal Capacitance: 45pf/Mtr
- Attenuation @ 200MHz - 13.8dB/100M
- Dielectric: Air spaced
- Black PVC sheathed
- O/D: 6.2mm Ø
- Per metre

Sold by	Roll Length	Type	Model	Code
Metre	100m	RG62	RG62-1M	05054000

RG11 QUAD SHIELD CABLE - 1M

JONSA



1.63mm/14 AWG solid bare copper covered steel conductor with gas injected foam polyethylene insulation. Foil tape, 60% aluminium braid, foil tape, 40% aluminium braid and a black PVC jacket.

- Available in 305m reels
- Sweep tested to 3GHz, SRL 25dB minimum
- Conductor Size (mm): 1.63
- (AWG): 14
- Cond. Type: Solid BCCS
- Shield Type: 60% & 40% Aluminium Braids
- Temp Rating: 80°C

Sold by	Roll Length	Type	Model	Code
Metre	305m	RG11	RG11QR-1M	05052465

RG11 QUAD SHIELD COAX CABLE

DOSS®



Inner conductor is a copper clad steel wire within a gas injected polythene foam dielectric. The screening/ outer-conductor is an aluminium tape covered with woven aluminium braid.

- PVC Jacket: Ø10.3mm
- 14AWG / Ø1.63mm CCS (Copper Coated Steel)
- Bonded Aluminium Foil + Braid Aluminium Shield (96x Ø0.16mm, 60% Coverage)

Sold by	Roll Length	Type	Model	Code
Metre	100m	RG11	RG11QDB-1M	05052470
Roll	100m	RG11	RG11QDR-100M	05052471

LL195 50Ω COAXIAL CABLE

DOSS®



50Ω coaxial cable.

- Solid bare copper conductor
- O/D: Approx. 4.95mm

Sold by	Model	Code
Metre	LL195-1M	05054050
Roll	LL195-100M	05054051

LL400 50Ω COAXIAL CABLE

DOSS®



50Ω coaxial cable.

- 2.74mm copper clad aluminium conductor

Sold by	Model	Code
Metre	LL400-1M	05054055
Roll	LL400-100M	05054056

CRG6UBQX305M & PR1000X30 KIT

JONSA



Kit includes a 305m reel of CRG6UBQ and 30x PR1000 F-Type connectors. Foxtel approved connectors and cable.

- RG6 Quad shielded 75Ω cable (Foxtel Approved: F10129)
- PR1000 – All brass construction, dual rubber o-rings, and stainless steel lock washer

Model	Code
RG6QCKIT	05052052

RG11QRX305 & PR1005X20 KIT

JONSA



Kit includes a 305m reel of RG11QR and 20x PR1005 F-Type connectors. Foxtel approved connectors and cable.

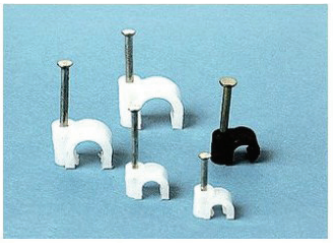
- RG11QR – 1.63mm conductor dia, aluminium braid screens, 305m roll with Foxtel Approved: F10300
- PR1005 – RG11 Compression plugs with Foxtel Approval (F30709)

Model	Code
RG11QCKIT	05052467

CABLE ACCESSORIES

CABLE CLIPS

ROUND CABLE CLIPS 100-PACK



Ideal for telephone, coaxial and data cables.

- Tough & flexible
- Heavy gauge captive nails

○	4mm	4RDCC	05490970
○	5mm	5RDCC	05490981
●	6mm	6RDCC	05491001
○	8mm	8RDCC	05491017

FLAT CABLE CLIPS 100-PACK

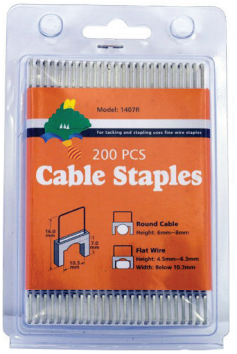


Ideal for speaker and power cables.

- Tough and flexible, with heavy gauge captive nails

○	6mm	6FTCC	05491064
○	12mm	12FTCC	05491096

CABLE STAPLES 6-8MM ROUND



1407R staples are perfect for fixing round cable 6 - 8mm diameter (great for antenna coax like RG6).This staple also fixes flat wire such as power and lighting and speaker cable with a height of 4.5-6.3mm and width below 10.3mm.

- Quantity: 200 per pack
- Colour: White
- Round cable 6-8mm diameter
- Flat wire with a height of 4.5-6.3mm and width below 10.3mm

○	6-8mm	1407RW	05491202

CABLE MANAGEMENT TAG 8-PACK



Clip them over your cable so you know what you're unplugging and don't disconnect the wrong thing! Suits most power & A/V cables.

- Writeable surface
- Material: Thermoplastic Rubber
- Dimensions: 34(L) x 16(W) x 3(H)mm
- Pack of 8 (4x Black & 4x Blue)

HP1253	05492005	

CABLE MANAGEMENT CLIPS 6-PACK

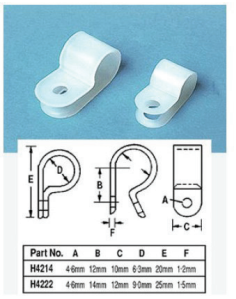


Universal fit to keep your cables where you want them. Simply stick down, and push your cable into place.

- Genuine 3M adhesive tape included
- Dimensions: 28(Ø) x 15(H)mm
- Pack of 6 (3x Black & 3x Blue)

HP1254	05492008	

CABLE CLAMP 100-PACK



Designed to hold cables, tubes, and components in domestic appliance, electronics etc.

- Interior edges are smoothed to protect cable insulation
- To apply, just clamp down on loose cables and screw it to chassis
- Material: UL approved Nylon 6/6, 94V-2

Small	H4214	05492012
Large	H4222	05492024

8MM FEED-THRU BUSHING



Protects cables from damage and gives a professional look.

●	8mm	8FTBB	05492030
○	8mm	8FTBW	05492031

SIAMESE RG6 FEED-THRU BUSHING



- Suits siamese cables 8x16mm

●	15mm	15FTBB	05492032
○	15mm	15FTBW	05492033

CARAVAN ANTENNA CABLE SOLUTION



Plug your antenna directly into the TV.

- Only one connection instead of five
- SAVE at least 10dB and get yourself off the digital cliff!

DIRECTCONNECTOR	05492040	

CABLE CLIP



Available in 3 different varieties.

●	6mm	RG59	6RCCB	05492050
○	6mm	RG59	6RCCW	05492051
●	8mm	RG6Q	8RCCB	05492055
○	8mm	RG6Q	8RCCW	05492056
●	15mm	Siamese RG6	15RCCB	05492060
○	15mm	Siamese RG6	15RCCW	05492061

CABLE CLIP FOR LED STRIP



See through clear cable clips to suit weatherproof LED strips that don't have double-sided adhesive.

- Pack of 10

LEDCLIP	05492065	

6-PACK WIRE CLIP CABLE ORGANISER

DOSS®



Ideal for permanent bundling or fastening of cables, wires, pipes, tubes.

- For indoor and outdoor use
- Single use closure, cannot be opened with double sided foam tape

DWCL6	05590040	

CABLE TIES

316 STAINLESS STEEL CABLE TIE

Designed to withstand harsh conditions including long term external exposure, high temperatures and chemical environments.

- Roller ball locking system
- Installation by hand or special tool
- SS316 available in standard and heavy duty specifications



Length	Width	Tensile	Pack Qty	Model	Code
200mm	4.6mm	44.5kg	100pk	SS316/200	05570110
360mm	4.6mm	44.5kg	100pk	SS316/360	05570112
520mm	4.6mm	44.5kg	100pk	SS316/520	05570114
200mm	7.9mm	111.2kg	50pk	SS316/200HD	05570116
360mm	7.9mm	111.2kg	50pk	SS316/360HD	05570118
520mm	7.9mm	111.2kg	50pk	SS316/520HD	05570120

PREMIUM CABLE TIES 100 PACK

RPG



Widely used in the electric industries, aviation and space industries, communications and all sorts of wiring applications.

- Made from U.L. Approved Nylon 6/6
- Service Range Temperature up to 80°C
- 100 Cable Ties per pack

	Length	Bundle Ø	Width	Tensile	Model	Code
●	100mm	22mm	2.5mm	8.16 kg	CTP100BK	05571004
◌	100mm	22mm	2.5mm	8.16 kg	CTP100NT	05571005
●	142mm	36mm	3.5mm	13.6 kg	CTP140BK	05571020
◌	142mm	36mm	3.5mm	13.6 kg	CTP140NT	05571021
●	204mm	50mm	4.7mm	22.68 kg	CTP200BK	05571069
◌	204mm	50mm	4.7mm	22.68 kg	CTP200NT	05571070
●	280mm	80mm	4.8mm	22.68 kg	CTP280BK	05571075
◌	280mm	80mm	4.8mm	22.68 kg	CTP280NT	05571076
●	382mm	107mm	7.5mm	120 kg	CTP382BK	05574096
◌	382mm	107mm	7.5mm	120 kg	CTP382NT	05574098

CABLE TIE WITH LABEL/NAME TAG 100 PACK

Tie and identify cables in one operation, flat area on the tie is suitable for imprinting or writing the required information.

- Pack of 100



	Length	Bundle Ø	Width	Tensile	Model	Code
◌	102mm	22mm	25 x 8mm	8 kg	IT102NT	05571100
◌	194mm	45mm	25 x 13mm	18 kg	IT194NT	05571106

1200-PIECE ASSORTED CABLE TIES

Pro'sKit



Multi coloured high quality Pro's Kit ties in handy see through container.

OP1200	05579072

CABLE TIES 100 PACK

DOSS



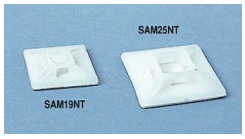
- Natural Nylon: Standard cable ties made from U.L. approved NYLON 6/6
- Normal service temperature range: -10°C to 85°C
- Flammability rating: UL 94V-2

	Length	Bundle Ø	Width	Tensile	Model	Code
●	100mm	22mm	2.5mm	7 kg	CT100BK	05574004
◌	100mm	22mm	2.5mm	7 kg	CT100NT	05574005
●	152mm	36mm	3.5mm	12 kg	CT140BK	05574020
◌	152mm	36mm	3.5mm	12 kg	CT140NT	05574021
●	202mm	50mm	4.7mm	20 kg	CT200BK	05574069
◌	202mm	50mm	4.7mm	20 kg	CT200NT	05574070
●	301mm	80mm	4.8mm	20 kg	CT300BK	05574075
◌	301mm	80mm	4.8mm	20 kg	CT300NT	05574076
●	380mm	107mm	4.8mm	22 kg	CT380BK	05574091
◌	380mm	107mm	4.8mm	22 kg	CT380NT	05574092

CABLE TIE MOUNTING BLOCK 100 PACK

Stick On Bases, Low Profile and 4-way Entry.

- Material: UL approved Nylon 6/6, 94V-2
- Backed with adhesive tape
- Packet of 100-pieces



○	21x21x3.5mm	SAM19NT	05575001
○	28x28x4mm	SAM25NT	05575017

300MM RAPSTRAP TIEDOWNS

rapstrap



Rapstrap's revolutionary design has many advantages over traditional cable fasteners.

- Much more cost efficient because you get up to 5 ties from each Rapstrap
- Last tie is reusable
- Suitable for CAT 5 & 6 cabling
- Soft and flexible with up to 50% stretch
- Secure and tested to hold up to 12kg
- Can be used as a releasable tie
- UV stable with a temperature range of -20°C to 60°C
- Available in black, transparent and green in packs of 24, 48 and 96

●	24-pack	RS3B24	05576004
◌	24-pack	RS3T24	05576008
●	24-pack	RS3G24	05576012
●	48-pack	RS3B48	05576024
◌	48-pack	RS3T48	05576028
●	48-pack	RS3G48	05576032
●	96-pack	RS3B96	05576036
◌	96-pack	RS3T96	05576040
●	96-pack	RS3G96	05576044

15-PACK NYLON VELCRO CABLE TIE

Pro'sKit



Hook and Loop cable ties made of Nylon P. P material supplied in Polypacks of 15 Ties, 5 of each colour illustrated.

- 15-pieces per pack
- Reusable, the back to back design provides instant installation without the use of tools

125mm	125mm	MSV305	05579073
150mm	150mm	MSV306	05579074
200mm	200mm	MSV308	05579075

CABLE BINDING

EQUATOR 2.0 TWO WAY BOOTLEG

ATLAS the performance connection



Gives a professional finish to your Equator 2.0 speaker cable termination.

CABEQB02	05100965

SPIRAL CABLE WRAP



For creating wire looms or harnesses or simply organising your cables.

- Flexible construction enables bands to follow wire ways easily
- Durable, reusable with retained spiral strength
- Fix ends of band with RPG cable ties and spiral wire bundles in clockwise direction to complete works
- Expand spiral range almost without limit
- Made from P.E. material
- Excellent in insulation and binding strength

	Length	Internal Ø	External Ø	Model	Code
●	10m	3mm	9mm	SBK3NT	05577012
●	10m	5mm	12mm	SBK6NT	05577026
●	5m	12mm	15mm	SBK12BK	05577033
●	5m	12mm	20mm	SBK12NT	05577040

2M EXPANDABLE SLEEVE



- Material: Polyphenylene Sulfide(PPS) monofilament UL94 V-0
- Colour: Black
- Length: 2m
- Available Diameters: 3mm & 15mm

3mm	WH5584	05577042
15mm	WH5588	05577052

HOOK AND LOOP LOOM WRAP

A fantastic solution for keeping cables wrapped up and neatly arranged.

- Material: Polyester
- Working temperature: -50° to 150°C
- Melting point: 230°C ± 5°C



32mm	WH5654	05577045
51mm	WH5656	05577047

LOOM TUBE CONDUIT



Loom Tube is used to create looms from loose wires and is a simple way to create a harness. The corrugated tubing has a cut along the length into which the wires are slipped, and can break out at any point.

- Crush proof
- Flame retardant
- UV stabilised
- Resistant to chemicals
- Quick installation time

25m	10mm	LT10	05577060
25m	16mm	LT16	05577080
25m	20mm	LT20	05577090
25m	25mm	LT25	05577100

VENTURI CABLE SOX

Venturi



Venturi cable sox is made of PET wires and can be used in a wide variety of applications including the protection of automobile wires, cables, optics, wires, etc.

- Venturi cable sox has strong abrasion endurance, retraction and expansion
- Available in Black or White

●	20mm	CS20100B-100MT	05577600
○	20mm	CS20100W-100MT	05577610
●	40mm	CS40100B-100MT	05577620
○	40mm	CS40100W-100MT	05577630
●	55mm	CS55100B-100MT	05577640
○	55mm	CS55100W-100MT	05577650

SELF-ADHESIVE VELCRO TAPE

stylus



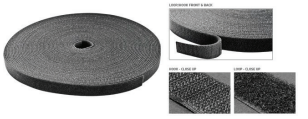
Self-adhesive backed hook or loop suitable for sticking to a variety of surfaces.

- Supplied by the roll (25m)
- Easy to reopen and add or remove cables
- Re-usable as many times as you like
- Size (WxL): 25mm x 25m

●	25mm	Hook	HF25B-25MT	05579002
●	25mm	Loop	LF25B-25MT	05579006
○	25mm	Hook	HF25W-25MT	05579011
○	25mm	Loop	LF25W-25MT	05579016

VELCRO HOOK AND LOOP WRAP

stylus



Self gripping reusable wrap ideal for wrapping around a variety of items.

- Can be cut to any desired length
- Wrap can be mechanically fixed by: riveting, screwing or stapling
- Suitable for internal & external uses
- Specified for CAT6 cable support
- Comes with "back to back" grip, so you simply cut lengths and tie
- Gives gentle cable support, so as not to disturb the UTP lay
- 25m length, available in 19mm and 25mm widths

●	19mm	Hook & Loop	VCT19-25MT	05579041
●	25mm	Hook & Loop	VCT25-25MT	05579051

COVER CABLE ORGANISER

DOSS®



Use the "Cover" cable to organize various cables in one single cable.

- Flexible polyethylene cable cover
- Cable feeder tool made from ABS
- Made in Spain

1.83m	20mm	DCVR20-2	05590005
1.83m	30mm	DCVR30-2	05590010
3m	20mm	DCVR20-3	05590015

SPIRAL CABLE BINDING ORGANISER

DOSS®



Use "Spiral" to group multiple electronic or electrical cords in one.

- Length: 10m
- Diameter: 6mm
- Made from polyethylene
- Made in Spain

10m	6mm	DSPR6-10	05590020

CABLE STORAGE

CABLE CADDY SINGLE REEL

Extra Cable Caddy makes reeling out cable a breeze, constructed of 32mm diameter galvanised tubing with adjustable locking rings and plates to hold cable securely.

- Easy to carry and easy to store, ideal for van or workshop



CC1Z	05577222

CABLE CADDY FOLDABLE



No setup or assembly required.

- Light weight and durable steel construction
- Folds neatly for storage and transport

WL6249	05577225

CHANNEL CABLE GUARD RAMP

CableSafe Systems



CableSafe is proud to present to you our range of very affordable 3 and 5-channel cable ramps now available in Australia.

- Get more cables or hoses into the channels
- Great for traffic management, construction, mining, entertainment industry, etc.
- Weight Loading: NATA Laboratory Tested to 5.1 T per tyre for 5 minutes (Equivalent to 20T per axle)
- Patented 5 bar tread surface provides maximum traction
- Male-female interconnect system allows any length to be created

57.5 / 57.5 / 57.5mm	75mm	CS01I	05590100
34 / 34 / 40 / 34 / 34mm	50mm	CS05I	05590110

YELLOW DROP OVER CABLE RAMP

CableSafe Systems



- Pedestrian traffic only
- Male-Female connection system allowing any length to be created

Channel	Dimensions	Model	Code
38 x 13mm	1000 x 135 x 19mm	CS03I	05590116
100 x 30mm	960 x 275 x 38mm	CS07I	05590156

LIGHT DUTY PEDESTRIAN COVER

CableSafe Systems



- Dimensions: 1m long x 136mm wide x 18mm high
- Channel Size: 38x13mm
- 4x power cables will comfortably fit inside the channel
- Corner/bend sections available separately

	CS04I	05590120
Left turn cover	CS04IL	05590130
Right turn cover	CS04IR	05590140

MEDIUM DUTY PEDESTRIAN COVER

CableSafe Systems



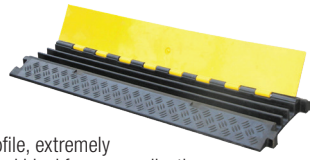
Safe, reliable and cost effective floor cable covers.

- Easily handles numerous cables inside the channel
- All Rubber construction grips floor and prevents skidding
- Very low profile prevents trip risk
- Indented top surface prevents slipping whilst walking on the cover
- Semi-flexible design allows cover to "hug" uneven floors
- Dimensions: 1m long x 214mm wide x 27mm high
- Channel Size: 83mm x 25mm

	CS08I	05590150
Left turn cover	CS08IL	05590160
Right turn cover	CS08IR	05590170

SMALL 3-CHANNEL CABLE GUARD

CableSafe Systems



Low profile, extremely tough and ideal for any application where cables or hoses need to cross pedestrian and/or vehicle traffic.

- Base material: Thermoplastic Polyurethane
- Flap material: PVC
- Dimensions: 900(L) x 300(W) x 45(H)mm
- Channel Size: 30(W) x 35(H)mm
- Weight Loading: 8,000kg (NATA Laboratory Tested Load per tyre for 5 minutes)

	CS10IPUL	05590174

WUNDERDUCT SINGLE CHANNEL

CableSafe Systems



Wunderduct is available in 3 profiles and is ideal for electrical and cable installation markets.

- Can be run unattached as a temporary install or attached by optional double sided tape for permanent installs
- Ideal for retro fitting where cables can only be run across floors but are not able to be cut into flooring
- Suits, Shops, schools, garages etc: where durability is important
- Made from a durable extruded rubber compound and can be cut to fit as required

Channel	Dimensions	Model	Code
16 x 6.4mm	9000 x 64 x 11mm	CSWD1	05590180
19 x 9.5mm	9000 x 76 x 16mm	CSWD2	05590185
38 x 16mm	9000 x 76 x 25mm	CSWD3	05590190

CABLE COVER CARPET GRIP - 5M



- 5m long x 100mm wide
- Handy dispenser box
- For use on any nylon based carpet

	HP2006	05590200
	HP2004	05590201

CABLE COVER CARPET GRIP PER METRE



- 100mm wide
- Handy 25m dispenser box
- For use on any nylon based carpet
- Sold per metre

	HP2002	05590202
	HP2000	05590203

VELCRO CABLE PROTECTOR

PROTECTACABLE



The Protectacable range of Velcro Cable Covers from CableSafe fills the gap in the market for lightweight, low cost covers that are easy to deploy and remove in office and other applications.

- Utilises velcro hooks along its underside to attach to loop pile carpet
- Each piece can be extended by using a unique joining system to form any length required
- 100mm wide

	1m	CSPC1G	05590903
	1m	CSPC1Y	05590905
	2m	CSPC2B	05590900
	2m	CSPC2G	05590902
	2m	CSPC2Y	05590904
	10m	CSPC10G	05590909

HDMI LOCK

UNIVERSAL HDMI LOCK



HDEZILOCK universal HDMI lock.

- Each Kit is one complete pair
- Easy to install
- Low profile
- Locks HDMI cables firmly in place
- Re usable

	HDEZILOCK	27475710

HEAT SHRINK

HEAT SHRINK SLEEVING

HEAT SHRINK

Various sizes and colours available with a shrink ratio of 2 to 1.

- Flame Retarded
- Military Specification Polyolefin
- Flexible
- 1.2m length
- For continuous operation from: -55 to +135°C (300°C short bursts)
- Available in black, blue, clear, green, red, white & yellow



1.5mm	HS1.5BLK	38313575
1.5mm	HS1.5RED	38313578
1.5mm	HS1.5BLU	38313581
1.5mm	HS1.5GRN	38313587
1.5mm	HS1.5WHT	38313589
1.5mm	HS1.5YEL	38313591
1.5mm	HS1.5CLR	38313592
2.0mm	HS2.5BLK	38313600
2.0mm	HS2.5RED	38313603
2.0mm	HS2.5BLU	38313606
2.0mm	HS2.5GRN	38313612
2.0mm	HS2.5WHT	38313614
2.0mm	HS2.5YEL	38313616
2.0mm	HS2.5CLR	38313617
3.0mm	HS3.5BLK	38313625
3.0mm	HS3.5RED	38313628
3.0mm	HS3.5BLU	38313631
3.0mm	HS3.5GRN	38313637
3.0mm	HS3.5WHT	38313639
3.0mm	HS3.5YEL	38313641

3.0mm	HS3.5CLR	38313642
5.0mm	HS5.0BLK	38313650
5.0mm	HS5.0RED	38313653
5.0mm	HS5.0BLU	38313656
5.0mm	HS5.0GRN	38313662
5.0mm	HS5.0WHT	38313664
5.0mm	HS5.0YEL	38313666
5.0mm	HS5.0CLR	38313668
6.0mm	HS7.0BLK	38313675
6.0mm	HS7.0RED	38313678
6.0mm	HS7.0BLU	38313681
6.0mm	HS7.0GRN	38313687
6.0mm	HS7.0WHT	38313689
6.0mm	HS7.0YEL	38313691
6.0mm	HS7.0CLR	38313693
10mm	HS10BLK	38313700
10mm	HS10RED	38313703
10mm	HS10BLU	38313706
10mm	HS10GRN	38313712
10mm	HS10WHT	38313714

10mm	HS10YEL	38313716
10mm	HS10CLR	38313718
12mm	HS13BLK	38313725
12mm	HS13RED	38313728
12mm	HS13BLU	38313731
12mm	HS13YEL	38313734
12mm	HS13GRN	38313737
12mm	HS13WHT	38313739
12mm	HS13CLR	38313743
18mm	HS20BLK	38313750
18mm	HS20RED	38313753
18mm	HS20BLU	38313756
18mm	HS20GRN	38313762
18mm	HS20WHT	38313764
18mm	HS20YEL	38313766
18mm	HS20CLR	38313768
25mm	HS25BLK	38313775
25mm	HS25RED	38313778
25mm	HS25BLU	38313781
25mm	HS25GRN	38313787

25mm	HS25WHT	38313789
25mm	HS25YEL	38313791
25mm	HS25CLR	38313793
38mm	HS38BLK	38313800
38mm	HS38RED	38313803
38mm	HS38BLU	38313806
38mm	HS38WHT	38313809
38mm	HS38GRN	38313812
38mm	HS38YEL	38313814
38mm	HS38CLR	38313816
50mm	HS50BLK	38313825
50mm	HS50RED	38313827
50mm	HS50BLU	38313829
50mm	HS50GRN	38313831
50mm	HS50WHT	38313833
50mm	HS50YEL	38313835
50mm	HS50CLR	38313837

HEAT SHRINK PACK WITH HEAT GUN



161-piece assortment.

- Includes 7 different colours and sizes
- Gas powered heat gun supplied
- Butane gas required

TH1620	38314195

160-PIECE HEAT SHRINK PACK



Heatshrink Assortment Trade Pack.

- 1.5mm: 40x Black, 10x Red, 10x Clear
- 2.5mm: 25x Black, 5x Red, 5x Clear
- 3mm: 17x Black, 4x Red, 4x Clear
- 5mm: 14x Black, 3x Red, 3x Clear
- 6mm: 6x Black, 2x Red, 2x Clear
- 10mm: 6x Black, 2x Red, 2x Clear
- Case size: 205(L) x 110(W) x 35(H)mm

HSP160	38314200

ADHESIVE HEAT SHRINK

ADHESIVE POLYTUBE HEAT SHRINK



Adhesive melts and flows when heat is applied offering a extra strong, moisture proof seal.

- Ideal for marine and outdoor applications and anywhere equipment is subject to harsh environmental conditions
- Sold as 1.2m lengths
- 2-to-1 shrink ratio

4.8mm	HS5AP	38313915
6.4mm	HS6AP	38313920
9.5mm	HS10AP	38313925
12.7mm	HS13AP	38313930

HEAT SHRINK TAPE

20MM X 50M HEAT SHRINK TAPE

CABAC



20mm x 50m.

- Irradiated polyolefin which shrinks and amalgamates above 130°C
- Becomes continuous insulation with variable wall thickness
- Operating Temp.: -55° to +105°C

HST20	38311015

HEAT SHRINK REELS

BOXED HEAT SHRINK ROLL



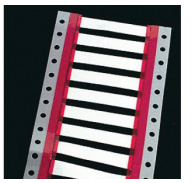
Matt black finish high quality heatshrink tubing in a continuous length, the heat shrink is protected in the box and it is more economical as offers is less wastage than shorter lengths.

- 3-to-1 shrink ratio
- Sold as a reel

3mm to 1mm	10m	RP32	38314000
6mm to 2mm	7m	RP64	38314050
9mm to 3mm	5m	RP95	38314100
12mm to 4mm	4m	RP127	38314150

HEAT SHRINK LABELS

6.3MM HEAT SHRINK LABELS



For a very professional appearance to cable identification. Use a ball point or permanent texta to write what you need on cable marker. Simply slip the printed marker over the wire end, no need to worry smearing the marking. Once the marker is heat-shrunk the printed information becomes permanent.

- Packet of 15
- Diameter: 6.3mm

6.3mm	SL6	38314160

STORAGE MEDIA 295
CD 295
DVD 295
BLU-RAY 295
CASES & STANDS 296
MEMORY CARDS 296
USB FLASH DRIVES 296
HARD DRIVES 297
HARD DRIVE ENCLOSURES 298
HDD DOCKING STATIONS 298
CARD READERS 299
WIRELESS STORAGE 299
AV CLEANERS 299

MULTIMEDIA 299
SPEAKERS 299
PC COMMUNICATION HEADSETS 300

ADSL & NETWORKING 301
MODEMS 301
ROUTERS 302
SWITCHES 304
POE - POWER OVER ETHERNET 306
EOP - ETHERNET OVER POWER 308
WAP - WIRELESS ACCESS POINTS 309
VPN - VIRTUAL PRIVATE NETWORK 312
ANTENNAS 312
USB NETWORK ADAPTORS 313

PERIPHERALS 314
COMPUTER SWITCH BOXES & KVMS 314
KEYBOARDS & MOUSE 316
DVD BURNERS 317

USB ACCESSORIES 317
BLUETOOTH 317
HUBS 318
USB AUDIO/VIDEO 319
ACCESSORIES 320

CAMERAS 320
WEB 320

ACCESSORIES 320

SMART HOME 320
CONTROLLER 320
LIGHTING 321
SENSORS 321
SECURITY 321

IT SUPPLIES

NEW PRODUCTS

16-PORT GIGA DESKTOP SWITCH



- Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Steel housing, desktop or wall-mounting design
- Plug and play, with no configuration needed

TLSG116 09051042

16-PORT GIGA POE SMART SWITCH



16 Gigabit Ethernet ports and 4 RJ45/SFP combo ports.

- IEEE 802.3af/at PoE compliant
- Up to 30W per port (total power budget: 330W) for powering PoE-enabled devices
- PoE long range mode with Ethernet cable to extend up to 200m
- Power backfeed protection to avoid damaging the PoE ports

GS5416PLC 09051470

8-PORT GIGA POE SMART SWITCH



- IEEE 802.3af/at PoE compliant
- Eight Gigabit Ethernet ports
- Up to 30W per port (total power budget: 160W) for powering PoE-enabled devices
- 19" 1U rack-mount brackets included

GS5208PLG 09051472

24-PORT GIGA POE SMART SWITCH



Twenty-four Gigabit Ethernet ports and four Gigabit RJ45/SFP combo ports.

- Up to 30W per port (total power budget: 450W) for powering PoE-enabled devices
- PoE long range mode with Ethernet cable to extend up to 20m

GS5424PLC 09051475

600MBPS POWERLINE ADAPTER KIT



- Data transmission rates upgraded to 600Mpbs over electrical wires, ideal for HD video streaming
- Integrated power socket making sure that no power outlet is going to waste

PA4010P 09001004

600MBPS POWERLINE ADAPTER KIT



- HomePlug AV standard compliant
- Data transfer rates of up to 600Mbps
- Miniature design

PA4010KIT 09001008

AC1350 POWERLINE EXTENDER



- AC1350 – Dual band Wi-Fi with combined speeds of up to 1350Mbps
- HomePlug AV2 – Provides ultra-fast powerline transfer speeds of up to 1300Mbps
- 2X2 MIMO
- Extra Power Socket

WPA8630P 09001027

AC1350 CEILING MOUNT GIGA AP



- Simultaneous on 2.4GHz and on 5GHz totals 1,317Mbps Wi-Fi speeds
- Free EAP Controller Software lets administrators easily manage hundreds of EAPs
- Compatibility with 802.3af and Passive PoE support
- MU-MIMO means access points simultaneously transfer data with multiple devices

EAP225 09052524

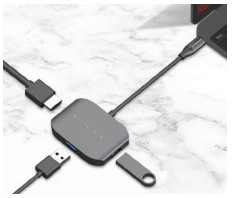
2-PORT USB 2.0 CAT5 EXTENDER



- Industrial Grade Extender
- USB 2.0 interface, backwards compatible with USB 1.1/1.0
- Maximum distance between Local and Remote Unit: 50m
- Connection via CAT5 (or higher) cable

UE2P 09051715

USB-C TO HDMI & USB3.0



- Ultra compact and sleek design
- HDMI output (1080p)
- One USB 2.0-port and one USB 3.0-port

UC27HDM 09050782

USB-C TO USB2.0 & CARD READER



- Offers SD or Micro SD memory card reader functionality
- Two USB 2.0-ports support data transfer or connect to other USB I/O devices such as a keyboard or mouse
- Comes in an ultra-compact space grey design

UC27HCR 09050770

USB-C TO DUAL HDMI DISPLAYS



- Connects USB-C or Thunderbolt™ 3 computer to two HDMI monitors for dual-display video output
- Supports 4K (UHD) resolutions via single display output
- Supports dual-display video output up to 1920x1080 simultaneously
- Plug and Play – no drivers or external power adapter needed

UH3233AT 09050790

STORAGE MEDIA

CD



ICDR-D1



VCDRW-5



VCDRW-5US



VCDRA-5



VCDR-10P



VCDR-50



VCDR-50P



VCDR-100

	Format	Capacity	Speed	Qty	Packaging	Type	Model	Code
imation	CD-R	700MB/80min	52x	1	Jewel Case	Printable, 256-bit encryption	ICDR-D1	08885440
Verbatim	CD-RW	700MB/80min	4x	5	Jewel Case		VCDRW-5	08884883
Verbatim	CD-RW	700MB/80min	10-24x	5	Jewel Case		VCDRW-5US	08885420
Verbatim	CD-R	700MB/80min	52x	5	Jewel Case		VCDRA-5	08884895
Verbatim	CD-R	700MB/80min	52x	10	Jewel Case	Printable	VCDR-10P	08884877
Verbatim	CD-R	700MB/80min	52x	50	Spindle	Silver	VCDR-50	08884017
Verbatim	CD-R	700MB/80min	52x	50	Spindle	Printable	VCDR-50P	08884726
Verbatim	CD-R	700MB/80min	52x	100	Spindle	Silver	VCDR-100	08884733

DVD



VDVD+RW5



VDVD-R5



VDVD-R50P



VDVD+R50P



VDVD-R100P



VDVD+R100P

	Format	Capacity	Speed	Qty	Packaging	Type	Model	Code
Verbatim	DVD+RW	4.7GB/120min	4x	5	Jewel Case		VDVD+RW5	08884844
Verbatim	DVD-R	4.7GB/120min	16x	5	Jewel Case		VDVD-R5	08884530
Verbatim	DVD-R	4.7GB/120min	16x	50	Spindle	Printable	VDVD-R50P	08884630
Verbatim	DVD+R	4.7GB/120min	16x	50	Spindle	Printable	VDVD+R50P	08884635
Verbatim	DVD-R	4.7GB/120min	16x	100	Spindle	Printable	VDVD-R100P	08884742
Verbatim	DVD+R	4.7GB/120min	16x	100	Spindle	Printable	VDVD+R100P	08884770

BLU-RAY



Supported by major electric companies (Sony, Pioneer, Panasonic, Samsung).

- Recordable format for HDTV recording and PC data storage
- Blu-ray player can also be used for BD-R media playback
- BD-R recording hardware is required for recording
- Utilises a blue-violet laser to read and write data allowing for more data storage on a disc with the same size as a CD/DVD

	Format	Capacity	Speed	Qty	Packaging	Model	Code
Verbatim	BD-R	25GB	6x	5	Jewel Case	VBD-5P	08884752

CASES & STANDS

SINGLE CASSETTE FLIP TRAY

Fischer

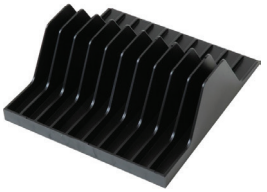


- Holds 10 cassette tapes
- Designed to fit into drawers or cabinets
- Smart, ultra-modern design to complement your audio equipment

1A010BK	08870100

SINGLE CD CASE FLIP TRAY

Fischer



Holds 10 CDs.

- Unit allows flexible arrangement of CD storage
- Horizontal stacking makes it easy to retrieve CDs

1A050BK	08870215

CASE STORAGE RACK

Fischer



- Designed to fit into audio cabinets and shelves or can be mounted on the wall
- Robust modular design clips together to allow the system to grow with your collection
- Disc selection is made easy with the unit standing upright or lying on its back
- Smart black matte finish to complement your AV system

CD stand	Holds 20	1A054BK	08870410
DVD stand	Holds 10	1A056BK	08870415
Blu-ray stand	Holds 10	1A052BK	08870425

25-PACK COLOURED SLIM CD CASES

Verbatim



25 standard slim cases (discs not included).

- Thinner and lighter than standard jewel cases
- Five Colours: Blue, Green, Yellow, Purple and Pink
- Economical to use, great for travel

VSC25	08872065

MEMORY CARDS

COMPACT FLASH (CF)

COMPACT FLASH STORAGE CARD

AMICROE AUSTRALIA



For all digital devices compatible with compact flash cards. Stores digital pictures and video.

- High read and write speeds
- Long lasting
- Professional quality

2GB	133x	CF2GB	08920005
4GB	120x	CF4GB	08920006
8GB	133x	CF8GB	08920007

16GB COMPACT FLASH CARD

SanDisk



- Performance: Up to 50MB/s read; write speed lower
- Card dimensions: 43(W) x 36(H) x 3.3(D)mm

CF16GB	08920008

MICRO SD

SANDISK MICRO SDXC 32GB UHS-1

SanDisk



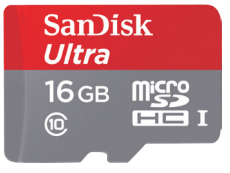
32GB Micro SDHC Ultra Class 10.

- Transfer speeds of up to 80MB/s
- Without SD adaptor

MSD32	08920108

ULTRA SERIES UHS-1 MICRO SD

SanDisk



Capture, carry, and keep it all.

- Add storage to Android Smartphones and Tablets
- Includes SD Adaptor
- Class 10 performance for capturing Full HD Video
- Easily back up your favourite media with the SanDisk Memory Zone App

16GB	MSD16ULTRA	08920112
32GB	MSD32ULTRA	08920113
64GB	MSD64ULTRA	08920114

SANDISK MICRO SDXC128GB UHS-1

SanDisk



128GB Micro SDHC Ultra Class 10.

- Transfer speeds of up to 80MB/s
- With SD adaptor

MSD128ULTRA	08920115

SECURE DIGITAL (SD)

2GB SECURE DIGITAL SD CARD

AMICROE AUSTRALIA



- 2GB SD Card
- High performance 45X Speed
- Low profile
- Durability: Minimum 10,000 insertion/ removal cycles
- Supports Error Correcting Code (ECC) function to detect and correct errors
- Supports power down commands and sleep modes
- MTBF > 1,000,000 hours

SD2GB	08920015

HIGH CAPACITY SD (SDHC)

SANDISK SDHC CARD

SanDisk



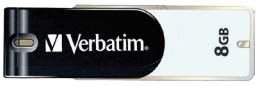
- Read Speed: up to 80MB/s
- Form Factor: SDHC
- Video Speed: C10
- Capacities available: 16GB - 128GB

16GB	SD16ULTRA	08920124
32GB	SD32ULTRA	08920126
64GB	SD64ULTRA	08920127
128GB	SD128ULTRA	08920128

USB FLASH DRIVES

USB 2.0 FLASH DRIVE

Verbatim



- Features a built-in swivel cap to protect the USB connectors when not in use
- The cap locks into place in both the open and closed positions
- Simple and easy to use
- USB 2.0 interface
- Available in capacities: 8GB - 64GB

8GB	FD8GB	08882083
16GB	FD16GB	08882086
32GB	FD32GB	08882088
64GB	FD64GB	08882089

USB 3.0 FLASH DRIVE

Verbatim



- USB 3.0 SuperSpeed Interface
- 'Slide and Lock' mechanism protects the USB connector when not in use
- Compact, stylish design
- Colours available: Eucalyptus Green, Hot Pink, Caribbean Blue, Violet, Black
- Capacities available: 8GB - 256GB

8GB	FD8GBU3	08882101
16GB	FD16GBU3	08882102
32GB	FD32GBU3	08882103
64GB	FD64GBU3	08882104
128GB	FD128GBU3	08882106
256GB	FD256GBU3	08882107

FLASH DRIVE USB 3.0

SanDisk



- Fast transfer speeds up to 80MB/s
- Transfer files up to four times faster than USB 2.0 drives
- Protect private files with SanDisk SecureAccess software
- USB 3.0-enabled and USB 2.0 compatible

16GB	FD16GBU3SD	08882121
32GB	FD32GBU3SD	08882122
64GB	FD64GBU3SD	08882123
128GB	FD128GBU3SD	08882124
256GB	FD256GBU3SD	08882126

USB 2.0 FLASH DRIVE

SanDisk



- Compact design fits in your pocket
- SanDisk SecureAccess software password protects your files
- Transports important personal files, music, and video

8GB	FD8GBSD	08882131
16GB	FD16GBSD	08882132
32GB	FD32GBSD	08882133
64GB	FD64GBSD	08882134
128GB	FD128GBSD	08882136

USB 3.1 TYPE-C FLASH DRIVE

SanDisk



- Mobile device compatibility: Smartphones, tablets, and other host devices with USB Type-C ports
- Capacity Available: 16GB - 128GB

16GB	FDC16GB	08882141
32GB	FDC32GB	08882143
64GB	FDC64GB	08882144
128GB	FDC128GB	08882145

USB 3.1 FLASH DRIVE

SanDisk



Ultra fit design.

- Dimensions: 19.1(L) x 15.9(W) x 8.8(H)mm
- Performance/Speed: Up to 130MB/s read1
- Compatibility: USB 3.1 (backward compatible with USB 3.0 and USB 2.0)

16GB	CZ430-16GB	08882151
32GB	CZ430-32GB	08882152
64GB	CZ430-64GB	08882153
128GB	CZ430-128GB	08882154
256GB	CZ430-256GB	08882156

HARD DRIVES

WD PURPLE SURVEILLANCE HDD

Western Digital



WD Purple Surveillance Storage offers exclusive AllFrame technology to bring you premium reliability and peace-of-mind when installing your home or small to medium business security system.

- Interface: SATA 6Gb/s
- IntelliPower
- 64MB Cache

1TB	SATA3	5400 RPM	WD10PURZ	69000007
2TB	SATA3	5400 RPM	WD20PURZ	69000008
3TB	SATA3	5400 RPM	WD30PURZ	69000009
4TB	SATA3	5400 RPM	WD40PURZ	69000011
6TB	SATA3	5400 RPM	WD60PURZ	69000012
8TB	SATA3	5400 RPM	WD81PURZ	69000013

2.5" WD SCORPIO BLUE HDD

Western Digital



To make drive selection simple, WD gathered all their popular 2.5" 5400 RPM WD Scorpio drives under one umbrella we call WD Scorpio Blue. Built to Western Digital's awarding winning quality standards, these drives are available in a full range of performance features.

1TB	SATA	5400 RPM	WD10SPZX	69000024
500GB	SATA 2	5200 RPM	WD5000LPCX	69000032

3.5" WD CAVIAR BLUE HDD

Western Digital



WD Caviar Blue drives are built to deliver rock-solid performance ideal for family and business computing.

1TB	SATA 3	7200 RPM	WD10EZEX	69000034
2TB	SATA 6	5400 RPM	WD20EZRZ	69000036
3TB	SATA 6	5400 RPM	WD30EZRZ	69000037
4TB	SATA 6	5400 RPM	WD40EZRZ	69000038

3.5" 4TB EXTERNAL HARD DRIVE

Western Digital



Dual USB 3.0 and USB 2.0 compatibility.

- 4TB

	MYBOOK4T	69000052

CANVIO BASICS USB 3.0 EXTERNAL HDD

TOSHIBA

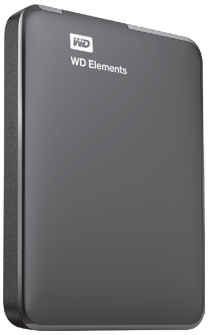


- USB bus power capable, no need for AC adapter
- Easy to use with no software to install
- Accommodates large digital files with spacious storage capacity
- Protects your drive (Internal Shock Sensor and Ramp Loading Technology)
- Gives you peace of mind (Toshiba 3 Year Limited Warranty)

1TB	HDTB310AK3AA	69000055
2TB	HDTC820AK3C1	69000056

2.5" 2TB PORTABLE HARD DRIVE

Western Digital



The WD Elements portable storage solution is reliable, fast, and perfect for on the go.

- Sleek and compact, lightweight design
- High-capacity 2TB storage
- Universal USB 3.0 and USB 2.0 compatibility
- Formatted NTFS, compatible with Windows 10, 8.1 and 7

	WDP2T	69000057

WD RED HARD DRIVE FOR NAS

Western Digital



Western Digital's RED drives are the perfect choice for always-on NAS devices.

- SATA3 (6GB/s)
- 64MB cache

1TB	WD10EFRX	69000059
2TB	WD20EFRX	69000060
3TB	WD30EFRX	69000061
4TB	WD40EFRX	69000062

256GB PORTABLE SSD BOLT B10

Silicon Power



- Portable SSD
- USB3.0
- Transfer speeds of up to 400MB/s
- Storage Capacity: 250GB
- Lightweight & Ultra-compact: 80x49.5x9.4mm

	SSD256SP	69000068

WATERPROOF & SHOCK RESISTANT HDD

ADATA



- USB 3.0
- Wrap-around USB Cable
- Blue LED Indicator
- Available in 3 colours, Black, Blue and yellow

●	1TB	HD710BK	69000090
●	1TB	HD710YL	69000091

HARD DRIVE ENCLOSURES

3.5" HARD DRIVE ENCLOSURE USB3.0

WELLAND



- Compliance with SATA 6Gbps hard drive
- SuperSpeed USB 3.0 transfer rate of up to 5Gbps
- Aluminium case

	ME746E	09006037

2.5" EXTERNAL HDD ENCLOSURE

IOCREST



- Slide up hard disk extraction design without the needs of screws
- Low power design with no external power supply required
- Apply to all 7.5mm 2.5" SATA HDD and SSD drive
- High speed USB 3.0 interface
- Support hot plug

	ENC25031	09061510

2.5" USB3.0 EXTERNAL HDD CASE

WELLAND



Tool-Free and "Zero Screw" HDD installation.

- Compatible with SATA 6Gbps HDD / SSD, up to 9.5mm height
- Driverless installation, plug and play
- With SuperSpeed USB3.0 up to 5Gbps
- Strong and heavy aluminium casing

	ME951E	09061561

HDD DOCKING STATIONS

USB3.0 HARD DRIVE DOCK

WELLAND



- Single 2.5" / 3.5" SATA I & SATA II & III hard disk drive
- USB 3.0 up to 5Gbps

	ME604E	09006034

USB3.0 HARD DRIVE CLONE DOCK

WELLAND



- Supports one touch backup
- Supports hardware one touch clone without computer
- Provides software clone function for quick data backup
- With output interface USB 3.0 up to 5Gbps
- Easy installation, plug & play and hot-swappable
- Supports hard drive of up to 2x 4TB

	ME603E	09006032

USB3.0 TO SATA ADAPTOR

IOCREST



- Compliant with the Universal Serial Bus 3.0 specification Revision 1.0
- Supports 2.5" SATA HDD and SSD drive
- Supports SATA I, II, and III hard drive

	IOSTC567	09061514

CARD READERS

HIGH SPEED MULTI CARD READER

mbeat



Supporting all current card types on the market, this all-in-one card reader reads at a much higher speed than standard card readers. Supports: CF I / CF II / CF III / CF IV / Microdrive, SDHC2.0 / SD / MMC / Mini SD / Micro SD (Transflash) / RS-MMC / MMC4.2 / RS-MMC4.2 / MMC Micro, XD 1.21, MS / MS Pro / MS Duo.

- Swivel USB connector
- Plug and Play
- Multi-Card Reader/Writer
- USB 2.0 High Speed Interface
- Windows, Mac, Linux compatible

	USBMCR01	09050605

USB3.0 MULTI CARD READER



- SDHC/Micro SDHC to SDHC/Micro SDHC
- Support CompactFlash Ultra DMA mode 7
- 2x SD and 2x Micro SD available
- Rotary USB 3.0 cable
- Supports major memory cards including the SDXC and MSXC
- Plug & play, auto detect card memory

USBMCR168 09050600

85-IN-1 USB CARD READER



High Speed USB 85-in-1 Multi-Card Reader with SDHC support. With its small form factor, the CR85 is the ideal choice for your data transfer needs, supporting all current card types on the market.

- Formats: CF I to CF IV, SDHC2.0, Mini SD, Micro SD (Transflash), MMC, XD, MS Duo Pro
- Plug and Play
- USB 2.0 High Speed Interface
- Includes mini USB-A to mini-B lead
- Windows, Mac, Linux compatible

CR85 09050630

WIRELESS STORAGE

WI-FI STORAGE WITH POWERBANK



Transfer files between an iOS or Android device and a USB/SD/external HDD without an Internet connection (using the free App).

- Built-in rechargeable 5200mAh battery for up to 14 hours of continuous usage
- Stream up to five HD movies simultaneously to multiple iOS devices
- Wireless access point

DW21 43080190

AV CLEANERS

WET DISC CLEANER FOR BLU-RAY/DVD/CD



Removes fingerprints and helps prevent disc skipping.

- Cleaner comes with cleaning base pad, 45ml cleaning solution spray & hand-held cleaning pad
- Ideal for Blu-ray, DVD & CD Players, as well as gaming devices like PS3 & Xbox

55555 08872013

BLU-RAY LASER LENS CLEANER



This high clean 4 Brush Dry Cleaner is a safe & effective means of cleaning a Blu-ray player.

- Shorter brush technology specifically designed for the more sophisticated Blu-ray player laser lens
- Not suitable for DVD and CD players

55550 08872019

DRY LENS WITH 6 BRUSHES



This high clean 6 Brush Dry Cleaner is a safe & effective means of cleaning a CD-playing laser lens.

- Ideal for single disc players, DVD players, turntables, carousel disc players & "in dash" car single CD players
- Not suitable for Blu-ray or Stacker/ Cartridge CD players

55725 08872022

SUPER SOFT MICRO FIBRE CLOTH



Flat screen cleaning microfibre cloth.

- Comes in handy CD/DVD storage case

55716 08872021

CLEANING & PROTECTIVE KIT



General cleaning and protective kit for camcorders, mobile phones, notebooks and more. Includes:

- Brush
- Cleaning fluid
- Cleaning cloth
- Squeegee card
- Foam swabs
- Protective films
- Sandpaper stick

CPK1 42735511

MULTIMEDIA

SPEAKERS

USB POWERED MULTIMEDIA SPEAKER



1.2W RMS.

- 2.0 Multimedia Speaker
- Integrated Volume Control
- AUX Input

M1250 39732865

2.1 MULTIMEDIA SPEAKER SYSTEM



8.5W RMS.

- 2.1 Multimedia Speaker
- Wired Remote Control
- AUX input - Wooden MDF enclosed

M1360 39732868

BLUETOOTH 2.1 SPEAKER SYSTEM

EDIFIER®



34W RMS.

- 2.1 multimedia Speaker
- Integrated control at sub-woofer
- Bluetooth and AUX input
- Wooden MDF Enclosed

M1370BT 39732870

PC COMMUNICATION HEADSETS

MULTIMEDIA COMPUTER HEADSET

SANSAI



- With volume control & condenser microphone
- Support all multimedia devices
- For MP3, CD, PC use
- Works with Skype etc.

HD180MCP 20518935

IN-EAR MONOAURAL HEADSET

SENNHEISER



The PC 121 is an over-the-ear, single-sided headset, ideal for heavy internet telephony and laptop use.

- Robust microphone for exceptional speech intelligibility
- Adjustable microphone position and ear clip
- Wearable over-ear; left or right side
- Perfect for netbooks, speech recognition and VoIP
- Unique soft "ear clip design"
- Volume control/mic mute detaches for 2.5mm plug use (mobile and XBox 360)
- Skype certified

In-ear	Monaural	50-15000Hz	PC121	20550034

COMMUNICATIONS HEADSETS

SENNHEISER



Fantastic high-volume sound experience and great Sennheiser acoustics ideal for gaming, Skype and telephone calls.

- Noise cancelling microphone
- Internet telephony compatible
- Robust microphone with high speech intelligibility
- In-line volume control and microphone mute switch
- Usable with CD/ DVD/MP3 players

Over head	30-18,000Hz	PC131	20550036
Behind head	40-20,000Hz	PC141	20550038

USB PC VOIP HEADSET

SENNHEISER



The high quality of the USB adapter with integrated sound card ensures the typical outstanding Sennheiser sound, irrespective of the computer you connect it to.

- Superior acoustics
- Excellent voice clarity
- Easy to use – simply Plug 'n' Play
- Perfect gear for VoIP

Single sided	Monaural	PC26USB	20550042
Double sided	Binaural	PC36USB	20550044

USB HEADSET WITH CALL CONTROL

SENNHEISER



USB plug & play.

- Convenient 3-in-1 control – fully adjust the volume/ mute and control your phoning session directly from the headset
- Comfortable double-sided headband
- Fully flexible boom arm

PC36CALL 20550045

STEREO USB ULTIMATE HEADSET

SENNHEISER



The PC 166 is an over the head, binaural headset. The ultimate open back gaming headset providing unparalleled audio performance. Developed by Esports gamers themselves.

- Gaming headset
- XXL ear cups
- Extra thick single-sided cable
- USB Sound card – take your sound settings with you

PC166USB 20550054

7.1 SURROUND SOUND GAMING

plantronics.



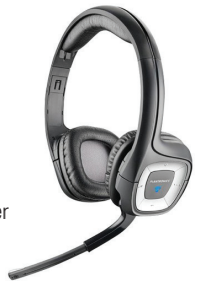
Dolby Headphone and Pro Logic IIx technologies transform.

- 40mm speakers
- Easy-to-reach on-ear volume and mute buttons
- Built-in spin-joints let the earpods lay flat for easy storage
- Noise-cancelling microphone
- Superhero-strength cords and joints
- Ultra-comfortable ear cushions and headband

GAMECOM780 20550151

WIRELESS USB STEREO HEADSET

plantronics.



Take full advantage of your PC's Internet calling and audio capabilities in full-range stereo without being tethered to your desk.

- Dual 40mm speakers deliver full-range stereo sound
- Wireless connection with 10 metre range
- On-ear controls for volume adjustment and controlling tracks on iTunes and Windows Media Player
- Noise-cancelling microphone with Fast Mic Mute feature that automatically mutes the sound when the boom is raised
- Easy plug-and-play setup; no software required

PTAUDIO995 20550200

7.1CH USB PC GAMING HEADSET

SENNHEISER



The high-performance headset for ambitious global gamers.

- Quick team talk
- Closed-type stereo headset
- Intuitive design and automatic microphone mute
- Supplied with protective pouch

PC333D 20550345

ULTIMATE FOLDUP GAMING HEADSET

SENNHEISER



Whether battling evil aliens or fighting guerilla warfare, a fraction of a frame separates winners from the rest. Hearing and being heard can make or break a game.

- High-end gaming headset
- Closed-type stereo headset
- Attenuation of ambient noise of up to 32dB
- Collapsible for easy transport

PC350 20550350

ULTIMATE GAMING HEADSET

SENNHEISER



Developed with the top eSport team mTw, the PC 360 is a new flagship for pro gaming. It has an open design that makes sure you keep a cool head – and delivers a natural listening experience so you can stay in touch with your surroundings.

- RED DOT Design Award 2010 Winner
- Professional gaming headset
- Open-type stereo headset
- Ultra comfortable
- Intuitive design and automatic microphone mute

PC360 20550360

ADSL & NETWORKING

MODEMS

AC2800 GIGA VDSL MODEM ROUTER

tp-link



- The Fastest VDSL Modem Router – The Archer VR2800 runs at 2167Mbps on 5GHz and 600Mbps on 2.4GHz
- 802.11ac Wave 2 – The latest standard of Wi-Fi includes MU-MIMO and 160MHz Bandwidth

ARCHERVR2800 09001257

AC1600 GIGA VDSL MODEM ROUTER

tp-link



Superfast Wi-Fi – 300Mbps (2.4GHz) and 1,300Mbps (5GHz) speeds.

- Superior Range with Three detachable antennas
- Versatile Connectivity With DSL, EWAN, and USB ports

ARCHERVR600 09051226

AC1200 ADSL MODEM ROUTER

tp-link



- Parental Controls
- Guest Network
- Quality of Service prioritizes network traffic by device or application

ARCHERVR300 09051281

N300 VDSL MODEM ROUTER W/USB

tp-link



- Fully compatible with the VDSL2/ ADSL2+/ADSL2/ ADSL standards
- Superfast VDSL broadband speeds of up to 100Mbps together with 300Mbps Wi-Fi

TDW9970 09051283

AC1900 GIGA VDSL MODEM ROUTER

tp-link



- VDSL2/ADSL2+/ADSL2/ADSL standard, fibre/ cable access and 3G/4G USB dongles
- 600Mbps on 2.4GHz + 1300Mbps on 5GHz

ARCHERVR900 09051285

AC1600 VOIP VDSL MODEM ROUTER

tp-link



- AC1600 Dual-Band Wi-Fi – Two separate Wi-Fi bands combine for speeds of up to 1,900Mbps: 300Mbps (2.4GHz) and 1,300Mbps (5GHz)
- 100Mbps VDSL – Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standard
- 4 Gigabit LAN Ports – Up to 10x faster than standard Ethernet, deliver lightning-fast wired performance
- USB 2.0-Port – Support Storage Sharing (Samba or FTP), Media & Print

ARCHERVR600V 09051293

AC1200 VOIP VDSL MODEM ROUTER

tp-link



- Superfast Wi-Fi – 300Mbps (2.4GHz) and 867Mbps (5GHz) speeds
- Superior Range – Two fixed antennas provide stable wireless connections and optimal coverage
- Versatile Connectivity – With DSL, EWAN, and USB ports

ARCHERVR500V 09051294

AC1200 VDSL ADSL MODEM ROUTER

tp-link



- Speedy Wi-Fi – Superb wireless experience with 300Mbps (2.4GHz) + 867Mbps (5GHz) dual band Wi-Fi connections
- Superior Range – Three detachable antennas provide stable wireless connections and optimal coverage
- Versatile Connectivity – Fully compatible with the VDSL2/ADSL2+/ADSL2/ADSL standards, as well as fibre, cable and 3G/4G Internet services
- Beamforming Technology – Improves wireless range and performance at 5GHz band
- USB Port – Supports storage and print service sharing, FTP and media servers as well as 3G/4G dongle
- Versatile Connectivity – Fully compatible with the VDSL2/ADSL2+/ADSL2/ADSL standards, as well as fibre, cable and 3G/4G Internet services

ARCHERVR400 09051296

N300 VDSL MODEM ROUTER

tp-link



- Versatile Connectivity – With DSL and LAN/WAN ports
- Boosted Speeds – Superfast VDSL broadband speeds of up to 100Mbps together with 300Mbps Wi-Fi
- Maximized Range – Powerful external antennas provide far-reaching wireless coverage in every direction
- Effortless Management – Set up in minutes with the powerful Tether app or intuitive web interface and manage the network from anywhere

TDW9960 09051299

AC1900 WIRELESS MODEM & ROUTER

tp-link



- Powerful 1GHz dual-core processor
- Supports 802.11ac & 802.11n
- Simultaneous 2.4GHz 600Mbps & 5GHz 1,300Mbps connections for 1.9Gbps total bandwidth
- 3x dual band detachable external antennas
- Beamforming technology
- Guest Network Access, Parental Controls & IP-based Bandwidth Control

ARCHERD9 09052215

WIRELESS 'N' MODEM & ROUTER



All-in-One device that combines the functions of a high speed DSL modem, a 4-Port 10/100Mbps NAT router and a wireless N access point.

- Wireless N speed up to 300Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like online gaming, VoIP and even the HD video streaming
- Support up to 10 IPSec VPN tunnels simultaneously
- SPI and NAT firewall protects end-user devices from potential attacks across the Internet
- Port-mapping binds specific LAN ports and PVCs for differential services

TDW8960N 09051305

ROUTERS

AC4000 MU-MIMO TRI-BAND ROUTER



- 4000 Mbps Wi-Fi speed
- MU-MIMO and Tri-Band enable the router to connect more devices at the same time
- Far-reaching Range
- HomeCare protects your network from malicious attack

ARCHERC4000 09051149

AC750 3G 4G TRAVEL ROUTER



- Travel-Sized Design – Conveniently small and light to pack and take on the road, creating Wi-Fi network via Ethernet, 3G/4G USB modem or WISP
- Dual Band AC750 Wi-Fi – Strong, fast connection for HD streaming on all your devices
- One Switch for Multiple Modes – Perfect for Wi-Fi at home, your hotel room or on the road
- Flexible Power – Micro USB port to an adapter, portable charger or laptop
- Versatile USB – For file sharing or internet access from a 3G/4G USB modem

TLWR902AC 09051116

AC750 DUAL BAND 4G LTE ROUTER



Take full advantage of your cutting-edge 4G LTE network with the Archer MR200.

- Requires no configuration, just insert a SIM card and turn on to enjoy a fast wireless connection
- Creates simultaneous dual band Wi-Fi networks
- Maximum speeds of up to 300Mbps on the 2.4GHz band and 433Mbps on the 5GHz band

ARCHERMR200 09051151

N300 WIRELESS 4G LTE ROUTER



Share 4G LTE network with multiple Wi-Fi devices.

- Download speeds of up to 150Mbps
- Wireless N speeds of up to 300Mbps
- Requires no configuration
- LAN/WAN port provides options and flexibility

TLMR6400 09051155

300MBPS WIRELESS 'N' ROUTER



Compatible with LTE/HSUPA/HSDPA/UMTS/EVDO USB modems, tested in the field.

- 3G/4G and WAN connection Backup guarantees an "Always-online" Internet connection
- Local wireless HD video sharing, with speeds up to 300Mbps
- Easy one-touch wireless security encryption with the Quick Security Setup button
- Bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

TLMR3420 09051160

AC1350 DUAL BAND 4G LTE ROUTER



- Creates simultaneous dual band Wi-Fi networks, with maximum speeds of up to 450Mbps on the 2.4GHz band and 867Mbps on the 5GHz band
- Requires no configuration, just insert a SIM card and turn it on to enjoy a fast wireless connection
- Offers options and flexibility with the LAN/WAN port, allowing you to choose your connection type

ARCHERMR400 09051162

450MBPS WIRELESS 'N' ROUTER



450Mbps wireless speed is ideal for interruption sensitive applications like HD video streaming.

- Three antennas greatly increase the wireless robustness and stability
- Easy wireless security encryption at a push of WPS button
- IP based bandwidth control allows administrators to determine how much bandwidth is allotted to each PC

TLWR940N 09051170

ULTIMATE WIRELESS 'N' & GIGABIT



- Gigabit Ethernet ports enabling ultimate transfer speed
- Centrally storing and content sharing by connecting USB storage drives
- Wireless N speed up to 300Mbps makes it ideal for bandwidth consuming or interruption sensitive applications like video streaming, online gaming and VoIP

TLWR1043N 09051175

150MBPS 4G LTE MOBILE WI-FI



- Share with friends internet access for up to 10 devices simultaneously
- 2,000mAh battery for 8hrs of usage
- Supports the latest generation 4G FDD/TDD-LTE, compatible with the network of most countries and regions
- Easy management with the tpMiFi App

M7200 09051177

3G MOBILE WI-FI ROUTER



TP-LINK's M5350 is at the forefront of wireless 3G sharing. Equipped with a built-in 3G modem, you can instantly established your own Wi-Fi hotspot simply by inserting a 3G SIM card at the back of the device.

- Equipped with a built-in 3G modem – No other bulky devices required
- HSPA+ supported with up to 21.6Mbps download and 5.76Mbps upload speeds
- Powerful 2,000mAh battery is ideal for extended hours of outdoor use
- Supports up to 10 users simultaneously

TLM5350 09051183

TRAVEL 3G 4G 'N' ROUTER



Portable 3G/3.75G Wireless 'N' Router.

- Share a 3G mobile connection, compatible with 120+ UMTS/HSPA/EVDO 3G USB modems
- Portable design, light and small enough for you to take anywhere
- Wireless 'N' speed up to 150Mbps
- 3G/WAN failover guarantees an "always-online" internet connection
- Three working modes: 3G Router, Travel Router (AP), WISP Client Router
- IP-based bandwidth control allows administrators to determine how much bandwidth is allotted to each connected device
- A mini USB port to be connected to your laptop or power adapter for power supply

TLMR3020 09051185

4G LTE MOBILE WI-FI ROUTER



Share 4G connection with up to 150Mbps download/50Mbps upload speeds.

- Supports up to 11 devices simultaneously (10 Wireless+1 Wired)
- 2,000mAh battery for 10hrs of usage
- Equipped with a Micro SD card slot for up to 32GB of optional storage

M7300 09051198

450MBPS HIGH POWER N ROUTER



Superior Range – High power amplifiers and high-gain antennas provide enhanced wireless range up to 10,000²ft.

- Wall-Penetrating Wi-Fi – Enhanced Wi-Fi signal cuts through walls and obstacles, eliminating dead zones
- 3 Mode Functionality – Offers three wireless modes, including Router, Range Extender, and Access Point
- 450Mbps Wireless Speed – Ideal for video streaming, online gaming and VoIP

TLWR941HP 09051222

AC3150 WIRELESS GIGABIT ROUTER



Up to 3150Mbps across its 2.4GHz and 5GHz bands.

- Transmits 25% more data
- 4X faster than standard AC routers
- Assigns each of your devices to the best available Wi-Fi band
- Powerful Processing – A 1.4GHz dual-core processor

ARCHERC3150 09051224

AC5400 WIRELESS GIGA ROUTER



- Advanced NitroQAMTM (1024-QAM) and 4-Stream technology increase maximum Wi-Fi speeds on all bands by 25%, achieving combined Wi-Fi speeds of up to 5,334Mbps
- Tri-Band Wi-Fi offers three distinct wireless bands for more devices
- MU-MIMO allows the router to achieve 4X efficiency by communicating with up to four devices at once
- Smart Connect automatically assigns each device to the best available band to achieve optimal performance
- 8 External Antennas maximize the Wi-Fi coverage and enhance the wireless connections

ARCHERC5400 09051231

AC1350 WIRELESS ROUTER



- Get faster Wi-Fi at both the 2.4GHz band (450Mbps) and the 5GHz band (867Mbps)
- The advanced AC Wi-Fi unlocks the performance of all your wireless devices
- 3x 2.4GHz antennas and 2x 5GHz antennas create superior Wi-Fi coverage
- Advanced software functions like Parental Control and Guest Network
- Tether App provides easy router management in your palm

ARCHERC60 09051264

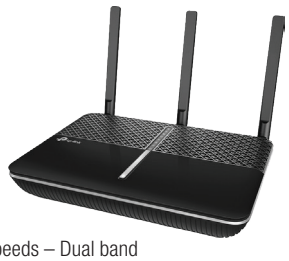
AC2600 WI-FI ROAMING ROUTER



- 2 Modes in 1: Wi-Fi router or Access Point
- High-Speed Concurrent Dual-Band: Max. speed up to 800Mbps (2.4GHz) and 1,733Mbps (5GHz)
- 802.11ac Wi-Fi standard and backward compatible with 802.11a/b/g/n standards
- Multi-Device (MU-MIMO) & Beamforming technology
- Supports up to 10 SSIDs. Also provides Guest Network
- Smart iQ Setup with automatic web-based installation

RG21S 09051440

AC2300 WIRELESS GIGABIT ROUTER



- Faster Wi-Fi Speeds – Dual band speeds up to 2.25Gbps: 1625Mbps on 5GHz, 600Mbps on 2.4GHz
- Powerful Processing – 1.8GHz Dual-Core Processor with co-processor
- More Devices – MU-MIMO achieves 3X efficiency by communicating with up to 3 devices at once
- Ultra Range – Range Boost + Power Amplifier + High-performance Antennas, giving you even greater coverage
- Smoother Performance – Smart Connect intelligently assigns devices to the best available band
- Better VPN Connection – OpenVPN & PPTP VPN server supported and VPN Acceleration speeds up VPN connection to ultra-level

ARCHERC2300 09052220

AC1900 WIRELESS GIGABIT ROUTER



Wireless Dual Band Gigabit Router.

- Greater Coverage and Reliable Wi-Fi
- Beamforming Technology for Laser-Focused Wi-Fi
- Dual USB Ports for Easy Sharing

ARCHERC9 09052380

EDGE ROUTER LITE



- Routes up to 1 million packets per second
- 3x Gigabit RJ45 Ports
- Supported by UNMS™ (Ubiquiti® Network Management System)
- Silent, fanless operation
- Compact, durable metal casing

ERLT-3 09052519

8-PORT GIGABIT EDGE ROUTER



8-port EdgeRouter with Gigabit high performance.

- Advanced security, monitoring and management functionality

ER-8 09052521

AC1750 WIRELESS GIGABIT ROUTER



Supports 802.11ac standard – the next generation of Wi-Fi.

- Simultaneous 2.4GHz 450Mbps and 5GHz 1,300Mbps connections for 1.75Gbps of total available bandwidth
- 3x 5dBi external antennas and 3 internal antennas provide maximum Omni-directional wireless coverage and reliability
- Dual USB Ports – easily share printers, files or media with your friends or family locally or over the internet
- Guest Network Access provides secure Wi-Fi access for guests sharing your home or office network

ARCHERC7 09052527

UBIQUITI 5-PORT GIGABIT ROUTER



- 5x configurable Gigabit RJ45 ports
- Supported by UNMS™ (Ubiquiti® Network Management System)
- PoE Input: 24V Passive PoE
- PoE Output: Passive PoE Passthrough*
- *Requires 24V passive PoE or 12W min. power adapter

ER-X 09052531

AMPLIFI MESH HOME WI-FI SYSTEM



AFi-HD AmpliFi High Density 1.6" display Router with 2 Mesh Point extender antennas.

- 802.11a/b/g/n/ac Wi-Fi network standards
- 2.4GHz band (data speed: up to 450Mbps) & 5GHz band (data speed: up to 1300Mbps)
- Up to 26dBm transmit power
- Supports 3x3 MIMO technology

AFI-HD 09052535

AMPLIFI HD MESH ROUTER AC1750



Transform your Wi-Fi with the AFi-R AmpliFi High Density Home Wi-Fi Router from Ubiquiti Networks.

- 802.11a/b/g/n/ac Wi-Fi Network Standards
- Dual-Band 2.4GHz / 5.0GHz Frequencies
- 4x Gigabit LAN Ports
- 1x Gigabit WAN Port
- 1x Dual-Band Tri-Polar Antenna
- 26dBm Max. Transmit Power
- Intuitive Configuration & Management App

AFI-R 09052536

AMPLIFI HD MESH POINT



Extend the reach of your AmpliFi mesh network with the AFI-P-HD AmpliFi High Density Home Mesh Point from Ubiquiti Networks.

- Single Wireless HD Extender
- 802.11a/b/g/n/ac Wi-Fi Network Standards
- Adjustable Antenna
- Dual-Band 2.4GHz / 5.0GHz Frequencies

AFI-P-HD 09052537

AC1300 WHOLE HOME MESH ROUTER



- Quad-core CPU
- Wireless: 400Mbps on 2.4GHz + 867Mbps on 5GHz
- 4x internal antennas per Deco unit
- 2x Gigabit ports per Deco unit
- 1x USB Type-C port

	DECOM5	09052540
3-pack	DECOM5-3PK	09052542

SWITCHES

SOHO GIGABIT 24-PORT SWITCH



24x auto-sensing gigabit ports.

- Fanless design
- Wall-mountable (kit included)
- Support jumbo frames up to 9,216 bytes
- Support 16k MAC address table entries

GS324 09051036

DESKTOP UNMANAGED 10/100M SWITCH/HUB



- All ports support Auto MDI/MDIX function, eliminating the need for crossover cables or Uplink ports
- LED indicators for monitoring power, link, activity, 100Mbps

5-port	Desktop	TLSF1005D	09051040
8-port	Desktop	TLSF1008D	09051050
16-port	Desktop	TLSF1016D	09051052
16-port	Desk/Rack	TLSF1016DS	09051054
24-port	Desk/Rack	TLSF1024	09051056

GIGABIT MEDIA CONVERTER



- Provides switch configuration of Force/Auto transfer mode for FX port
- 1,000Mbps only
- Complies with IEEE 802.3ab and IEEE 802.3z

Multi mode	0.55km	TLMC200CM	09051069
Single mode	15km	TLMC210CS	09051070

10/100/1000M GIGABIT ETHERNET SWITCH



Increase the speed of your network server and backbone connections, or make Gigabit to the desktop a reality. Power users in the home, office, workgroup, or creative production environment can now move large, bandwidth-intensive files faster.

5-port	Desktop	TLSG1005D	09051073
8-port	Desktop	TLSG1008D	09051075
16-port	Rack	TLSG1016	09051080
24-port	Rack	TLSG1024	09051084
48-port	Rack	TLSG1048	09051088

24-PORT GIGABIT SWITCH



Gigabit Ethernet connections on all ports provide full speed of data transferring.

- Integrated security strategy including 802.1Q VLAN, Port Security and Storm control help protect LAN area investment
- L2/L3/L4 QoS and IGMP snooping optimize voice and video applications
- WEB/CLI managed modes, SNMP, RMON bring abundant management features

TLSG2424 09051086

UNIFI 24-PORT MANAGED SWITCH



- 24x Gigabit RJ45 Ports + 2x SFP Ports
- Switching Capacity: 52Gbps
- Maximum Power Consumption: 25W
- Rack-Mountable

US-24 09051110

UNIFI SECURITY GATEWAY



- Integration with UniFi Controller
- Powerful Firewall Performance
- Convenient VLAN Support
- VPN Server for Secure Communications
- QoS for Enterprise VoIP

USG 09051111

8-PORT 10GIG WEB SMART SWITCH



- 8x 10 Gigabit Ethernet ports
- Auto fault-detection on over/under current & voltage
- Switch capacity:160Gbps & Forwarding rate:119Mpps
- Supports IEEE802.1p QoS, IEEE 802.1Q-based VLAN, IPv4/IPv6 network operation
- 1U rack-mount/desktop steel case

XGS5008 09051396

5-PORT GIGA DESKTOP SWITCH



- Plug-and-play and supports all kind of network protocols
- Can be powered either through a PC' s or any other devices' USB port

5-port	ES5500G	09051403
8-port	ES5800G	09051404

16-PORT GIGA SWITCH RACK MOUNT



- Complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards
- 16 Gigabit Ethernet RJ-45-ports
- Supports auto MDI/MDI-X crossover detecting and auto correction
- Supports full and half duplex for 10/100Mbps, and full duplex for 1000Mbps

GS1016 09051419

100M FIBRE MEDIA CONVERTER



Extending data transmission distance from 100m via copper cables to 20km by fibre optic cable.

- 100Mbps cut-through transmission
- 10/100Mbps auto-sensed fibre media converter
- LFP (Link Fault Pass-through) function
- DIP Switch to set configurations

FMC100SM20KSC 09051505

GIGABIT FIBRE MEDIA CONVERTER



It transmits the signal from a twist-pair 10/100/1000Base-TX cable to 1000Base-FX fibre optic cable.

- Extends data transmission distance from 100m via copper cables to 20km by fibre optic cable
- 10/100/1000Mbps store and forward
- SC fibre connector
- Support 9K Jumbo Frame

FMC1GBSM20KSC 09051507

100M FIBRE MEDIA CONVERTER



10/100Mbps auto-sensed Fibre Media Converter.

- MDI/MDI-X Auto Negotiation
- 10/100Mbps store-and-forward
- Supporting VLAN / VoIP /QoS packets
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis, DIN-rail installation
- External Power Adapter or USB power source

FMC100MM2KSC 09051509

GIGABIT FIBRE MEDIA CONVERTER



10/100/1000Mbps fibre media converter.

- 10/100/1000Mbps store-and-forward
- Supporting VLAN / VoIP /QoS packets
- Support flow control and reduce broadcast packets
- Extremely low power consumption, low heat, stable performance
- Providing Desktop, Wall-mounted, Chassis, DIN-rail installation

FMC1GBMM550MSC 09051511

4-PORT FIBRE ETHERNET SWITCH



Extending the transmission distance of a network from 100m via copper cables to 20km.

- Transmission of extra-long packets up to 1536 bytes
- 10/100Mbps auto-sensed, facilitating network upgrade
- Supporting STP to form a redundant network
- Enables cables to be located even when totally concealed

FES4 09051515

4-PORT FIBRE ETHERNET SWITCH



Ethernet fibre switch with 4 PoE ports.

- Transmission distance can be up to 20km
- 10/100Mbps auto-sensed for each UTP port

FES4POE	09051520

1G SFP SLOT MEDIA CONVERTER



- 10/100/1000Mbps Gigabit Ethernet
- Supporting VLAN / VoIP /QoS packets
- Up to SFP module transmission distance
- 1x RJ45 connector, connected 1x SFP Socket
- Front panel Diagnostic LED Indications

FMC1GBSFP	09051522

1.25G SFP MODULE



1.25Gbps Optical Transceiver.

- VCSEL laser and PIN photodetector
- Compliant with SFP MSA and SFF-8472 with Duplex LC receptacle
- Digital diagnostic monitoring: internal calibration or external calibration

MM LC	550m	SFP05MMLC	09051524
SM LC	20km	SFP20SMLC	09051526

10G SFP MODULE



High performance, cost effective transceivers.

- Dual fibre LC connector
- Compliant with IEEE 803.3-2005 10Gb Ethernet 10GBase and ROSH

SM LC	10km	SFP10G10KSMLC	09051528
MM LC	300m	SFP10G300MMLC	09051530

MANAGED 10/100M SWITCH



Connects network devices - PCs, printers, and wireless access points - to share and transfer files and videos across your network.

- Configuration and monitoring from a standard web browser with WebView management
- Secure remote management of the switch via Secure Shell (SSH) and SSL secure channel network protocols

	8-port	SRW208	09052100
4x Gigabit+PoE	20+4-port	SRW224G4P	09052140

24-PORT 10/100 POE SMART SWITCH



- 24-Port 10/100 PoE Smart Switch
- Basic GUI Management
- 24 Fast Ethernet Ports
- 2 Combo Mini-GBIC / Gigabit Ports
- 100W Maximum Power Budget over 12-Ports

SLM224PTAU	09052150

10/100M UNMANAGED SWITCHES



Cisco 100 Series switches deliver powerful network performance and reliability for small businesses, without complexity.

- No installation software and nothing to configure
- Designed to optimize power usage
- Automatic cable detection
- Integrated QoS features

8-port	Desktop	SF110D08	09052260
4+4-port (4x PoE)	Desktop	SF110D-08HP	09052271
24-port	Rack	SF11024	09052290

GIGABIT UNMANAGED SWITCHES



Affordable, easy-to-use switches for small business networks, with zero configuration required.

- No installation software and nothing to configure
- Speed and capacity to support bandwidth-intensive applications, eliminate network bottlenecks, and transfer large files in seconds
- Rigorously tested to ensure optimal uptime and performance

5-port	Desktop	SG110D-05	09052300
8-port	Desktop	SG110D08	09052311
16-port	Rack	SG11016	09052320
24-port	Rack	SG11224	09052331

POE - POWER OVER ETHERNET

POE LINE INSERT & RECEIVE KIT



Deliver power and data to another device up to about 100m away via a single Ethernet cable.

- 10/100Mbps Ethernet ports
- 5/9/12V DC power output
- Plug and Play – Requires no configuration

TLPOE200	09051058

POE INJECTOR / RECEIVER ADAPTER



Expand your network to where there are no power line or outlet, where you wish to fix device such as AP, IP Camera or IP Phone, etc.

- IEEE 802.3af compliant
- Auto-determine the necessary power requirements
- Plug-and-Play, requires no configuration
- Delivers power up to 100m
- External power adapter supply

Injector / Sender	TLPOE150S	09051060
Receiver	TLPOE10R	09051063

8-PORT POE ETHERNET SWITCH 53W



The TL-SF1008P 8-port 10/100Mbps Desktop PoE Switch provides seamless network connection. It integrates 100Mbps Fast Ethernet and 10Mbps Ethernet network capabilities.

- 4-ports support PoE
- PoE ports can automatically detect and supply power to compliant powered devices

TLSF1008P	09051065

24-PORT POE ETHERNET SWITCH



The TL-SG3424P Gigabit L2 Managed PoE Switch provides 24 10/100/1000Mbps ports that supports 802.3at/af-compliant PoE, with a total PoE power supply of up to 320W.

- Comes equipped with 4 combo SFP slots
- 24 Gigabit Ethernet ports
- Web-based GUI & SSH interface

24-port	TLSG3424P	09051068

8-PORT POE GIGABIT SWITCH 124W



Equipped with 8 PoE+ ports.

- Supports PoE+ standard with total power budget of 124W and up to 30W per port
- Supports PoE+ IEEE 802.3af/at compliant devices
- Supports IEEE 802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- 8K entry MAC address table of the TL-SG1008PE with auto-learning and auto-aging
- LED indicators to monitoring power, link, activity and speed
- Internal power supply

TLSG1008PE	09051077	

8-PORT POE GIGABIT SWITCH 53W



- 8x 10/100/1000Mbps RJ45 ports
- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network
- Requires no configuration and installation

TLSG1008P	09051079

8-PORT POE GIGABIT EDGESWITCH



- 8 Gigabit RJ45 Ports
- 2 SFP Ports
- Maximum Power Consumption: 150W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE

ES-8-150W	09051097

UBIQUITI TOUGHSWITCH PRO

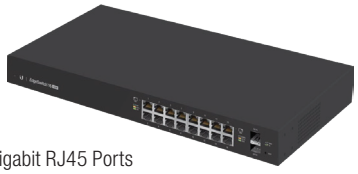


The TOUGHSwitch is a managed switch designed to deliver Power over Ethernet (PoE) on the 10/100/1000-ports you have configured for PoE. It also features a variety of features, including:

- Port monitoring
- System connection
- Management services
- Spanning Tree Protocol (STP)
- Virtual Local Area Network (VLAN) configuration
- Ping Watchdog
- Alerts

5-port	60W	TS5POE	09051098
8-port	150W	TS8PRO	09051100

16-PORT POE GIGABIT EDGESWITCH



- 16 Gigabit RJ45 Ports
- 2 SFP Ports
- Maximum Power Consumption: 150W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE

ES-16-150W	09051103

UNIFI 8-PORT POE SWITCH 60W



- Gigabit RJ45 Ports: 8
- PoE Ports: 4 Auto-Sensing IEEE 802.3af PoE Ports

US-8-60W	09051104

UNIFI 8-PORT POE+ SWITCH



- Versatile port configuration
- Wall mounting
- Sleek design and management
- Advanced enterprise switching

US-8-150W	09051106

UNIFI 16-PORT POE SWITCH 150W



- Versatile mounting options
- Versatile port configuration
- Integration with UniFi Controller
- Advanced enterprise switching

US-16-150W	09051107

UNIFI 24-PORT POE SWITCH 250W



- Powerful enterprise switch models
- Advanced port management
- Optical fibre connectivity
- Convenient PoE+ support
- Seamless integration

US-24-250W	09051108

UNIFI 48-PORT POE SWITCH 500W



- Powerful Enterprise Switch models
- Advanced port management
- Optical fibre connectivity
- Convenient PoE+ support
- Seamless integration

US-48-500W	09051109

8-PORT FAST ETHERNET POE+ SWITCH



- Complies with IEEE 802.3, 802.3u, 802.3x, 802.3af, and 802.3at standards
- Supplies 48V DC with up to 30W output per port
- Automatically detects powered devices (PD) and power consumption levels
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports IEEE 802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode

80W max.	ES1008PL	09052190
150W max.	ES1008P	09051398

5-PORT 10/100 POE SWITCH 60W



- 5x 10/100Mbps Fast Ethernet ports and 4x PoE+ ports
- IEEE 802.3af/at PoE compliant (ports 1 - 4) for simplified deployment and installation
- Up to 30W per PoE port (Total Power Budget: 55W) for powering PoE-enabled devices

ES5104PH	09051401

8+2-PORT POE+ SWITCH 150W



8x 10/100Mbps Fast Ethernet PoE+ ports and 2x 10/100/1000Mbps combo ports.

- Up to 30W per port (Total Power Budget: 160W)
- 13" rack-mountable metal case

ES5208P	09051407

24-PORT POE WEBSMART SWITCH



24 PoE+ ports, 2 Giga SFP combo.

- IEEE 802.3af/at PoE compliant
- PoE up to 30W per port (Total Power Budget: 400W)

ES5224P	09051411

GIGA POE+ EXTENDER 300M



- Complies with IEEE 802.3af and IEEE 802.3at Power over Ethernet (PoE) Standards
- PoE short circuit protection to safeguard network devices
- Gigabit LAN ports provide high-speed connectivity
- Extends PoE connection for another 100m (328 ft.)

GP101ET	09051413

GIGA POE+ SPLITTER 5V 9V 12V

EDIMAX NETWORKING PEOPLE TOGETHER



- Adjustable slide switch for either 5V/2A, 9V/2A or 12V/2A DC output power
- Delivers power and data to PoE splitter from up to 100m (328ft) over a single Ethernet cable

GP101ST 09051415

8-PORT GIGA POE SWITCH 130W

EDIMAX NETWORKING PEOPLE TOGETHER



- Up to 30W per PoE port (total power budget: 130W)
- Hardware DIP switch for "Standard" and "Extend" mode selection
- "Extend" mode features 30W PoE transmit distance of 200m at speed of 10Mbps

GS1008PV2 09051417

8-PORT GIGA POE SWITCH 80W

EDIMAX NETWORKING PEOPLE TOGETHER



- Complies with IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.3af, and 802.3at standards
- Supplies 48V DC with up to 30W output per port
- Automatically detects Powered Devices (PDs) and power consumption levels
- Supports IEEE 802.3az Energy Efficient Ethernet
- Supports IEEE 802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode

GS1008PL 09051418

GIGABIT POE+ INJECTOR 30W

EDIMAX NETWORKING PEOPLE TOGETHER

The Power over Ethernet technology enables the Ethernet wire to carry both data and power.



- Standard: IEEE802.3af and IEEE802.3at
- PoE short circuit protection
- Higher cost efficiency and easy installation

GP101IT 09051421

8-PORT 265W POE SWITCH

DOSS®



8-Port 10/100/1000Mbps IEEE 802.3af/802.3at PoE Switch.

- Provide 8x 1000Mbps Ethernet ports, 2x 1000Mbps up-link port
- Support End-Span method, complies with IEEE802.3 af/at standards
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z, IEEE802.3af/at standards
- Support IEEE802.3x full-duplex flow control, support Auto MDI/MDIX
- Support port-base Vlan, prevent from broadcast storm so that make data conversion more efficient and safe

POE08265 09051450

16-PORTS 420W POE SWITCH

DOSS®



16-Port 10/100Mbps IEEE 802.3af/802.3at PoE Switch.

- Provide 16x 100Mbps Ethernet ports, 2x 1000Mbps combo up-link port
- Support End-Span method, complies with IEEE802.3 af/at standards, can supply max. 30W power which is
- Possible to power high-power infrared cameras
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z, IEEE802.3af/at standards
- Support IEEE802.3x full-duplex flow control, support Auto MDI/MDIX

POE16420 09051452

24-PORTS 420W POE SWITCH

DOSS®



24-Port 10/100Mbps IEEE 802.3af/802.3at PoE Switch.

- Provide 24x 100Mbps Ethernet ports, 2x 1000Mbps combo up-link port
- Support End-Span method, complies with IEEE802.3 af/at standards
- Support IEEE802.3x full-duplex flow control
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3az, IEEE802.3z, IEEE802.3af/at standards
- Support port-base Vlan, prevent from broadcast storm so that make data conversion more efficient and safe

POE24420 09051454

8-PORT POE SWITCH WITH DIP

EDIMAX NETWORKING PEOPLE TOGETHER



8x 10/100Mbps Fast Ethernet ports and four PoE+ ports.

- Up to 30W per PoE port (total power budget: 60W)
- Hardware DIP switch with extend mode that features 30W PoE transmit distance of 200m at speed of 10Mbps

ES1008PHEV2 09051460

24+4-PORT POE SMART SWITCH

tp-link



Supports 24 802.3at/af-compliant PoE+ ports with a total power supply of 180W.

- 24x 10/100Mbps RJ45 Ports
- 4x 10/100/1000Mbps RJ45 Ports plus 2 Combo Gigabit SFP Slots
- WEB/CLI managed modes, SNMP, RMON bring abundant management features
- Integrated security strategy including 802.1Q VLAN, Port Security and Storm control help protect LAN area investment
- L2/L3/L4 QoS and IGMP snooping optimize voice and video applications

SL2428P 09052348

EOP - ETHERNET OVER POWER

1000MBPS POWERLINE ADAPTER KIT

tp-link



- HomePlug AV2 standard compliant, high-speed data transfer rates of up to 1000Mbps, supports all your online needs
- Gigabit port provides secure wired networks for desktops, smart TVs or games consoles
- Plug and play, no configuration required
- Patented Power-Saving Mode automatically reduces power consumption by up to 85%

PA7010P 09001002

2000MBPS GIGABIT POWERLINE ADAPTER KIT



High-speed data transfer rates of up to 2000Mbps.

- Multiple simultaneous connections for you to enjoy higher powerline speeds and greater stability
- 2 gigabit ports create secure wired networks for desktops, smart TVs or games consoles
- Integrated power socket ensures no power outlet goes to waste

PA9020P 09001006

500MBPS POWERLINE ADAPTER KIT



TL-PA4010KIT turns your existing powerline into a high speed network with no need for new wires or drilling.

- Transfer rate: up to 500Mbps
- Range: 300m of power circuit length

PA411KIT 09001017

HOME ENTENTAINMENT KIT



Kit consists of a 4-port desktop powerline adapter and a single port desktop powerline adapter.

- High speed data rates of up to 200Mbps
- Ideal for connection of multiple Internet enabled devices within a home entertainment environment – connect up to four devices
- Range of up to 300m (point to point)
- Security push button for simple setup of powerline network
- Extend or create an Ethernet network using existing household powerpoints

NP203 09001019

500MBPS WIRELESS POWERLINE EXTENDE



One Touch Super Range Extension – Wi-Fi Clone Button.

- HomePlug AV standard providing up to 500Mbps high speed data transmission
- Extend 300Mbps wireless connections to previously hard-to-reach areas of your home and office
- Up to 300m range over the household power circuit

WPA4220KIT 09001022

500MBPS WIRELESS POWERLINE EXTENDER



- One Touch Super Range Extension – Wi-Fi Clone Button
- HomePlug AV standard providing up to 500Mbps high speed data transmission
- Extend 300Mbps wireless connections to previously hard-to-reach areas of your home and office
- Up to 300 metre range over the household power circuit

WPA4220 09001023

AC1200 POWERLINE EXTENDER KIT



- AC1200 – Dual band Wi-Fi with combined speeds of up to 1200Mbps
- Ultra-fast powerline transfer speeds of up to 1200Mbps
- Extra power socket

WPA8630PKIT 09001026

AC1000 POWERLINE EXTENDER KIT



- High-speed data transfer rates of up to 1000Mbps
- Dual band 802.11ac Wi-Fi – Extends 2.4GHz (300Mbps) + 5GHz (433Mbps) dual band Wi-Fi speed
- Gigabit Ethernet port

WPA7510KIT 09001029

1200MBPS GIGABIT POWERLINE ADAPTER KIT



High-speed data transfer rates of up to 1200Mbps, supports all your online needs.

- Gigabit port provides secure wired networks for desktops, smart TVs or games consoles
- Integrated power socket ensures no power outlet goes to waste

PA8010P 09001038

600MBPS POWERLINE KIT GIGABIT



Create a high-performance Internet connection throughout your home using the existing power line network.

- High-speed data rates of up to 600Mbps
- Includes a Gigabit (10/100/1000) port for super-fast data transfers
- In-built AC pass-through makes power points available for other uses

NP507 09001050

500MBPS POWERLINE KIT



Transfer the Internet around your house using the existing network of power lines.

- High speed Powerline data rates of up to 500Mbps
- AC pass-through built-into the adapter – plug other electrical devices into the
- Noise filtering reducing noise interference from other electrical devices

NP511 09001054

WAP - WIRELESS ACCESS POINTS

HEOS EXTEND WI-FI EXTENDER



Enjoy Heos anywhere in your home.

- Easy set up using the HEOS App
- Dual Band 'N' technology
- All wireless networked products benefit

HEEXT 09050960

AC750 WI-FI RANGE EXTENDER



Wireless AC technology delivers combined dual band speeds of up to 750Mbps.

- Gigabit Ethernet port allows the extender to connect to wired devices as a wireless bridge

RE210 09051260

AC1200 WI-FI RANGE EXTENDER



- Brings Wi-Fi dead zone to life with strong Wi-Fi expansion at combined speed of up to 1.2Gbps
- Operates over both the 2.4GHz band (300Mbps) and 5GHz band (867Mbps) for more stable wireless experience
- Intelligent signal light helps to find the best location for optimal Wi-Fi coverage by showing the signal strength
- Works with any Wi-Fi router or wireless access point

RE305 09051267

AC1200 WI-FI RANGE EXTENDER



Kills Wi-Fi dead zone with strong Wi-Fi expansion at combined speed of up to 1.2Gbps.

- Operates over both the 2.4GHz band (300Mbps) and 5GHz band (867Mbps) for more stable wireless experience
- Gigabit Ethernet port for connecting a wired device to your network at gigabit speed

RE350 09051268

AC2600 WI-FI RANGE EXTENDER



- Extend Wi-Fi coverage by up to 14,000²ft
- Simultaneous 800Mbps on 2.4GHz + 1733Mbps on 5GHz
- 4x4 MU-MIMO – Simultaneously transfers data to multiple devices for 4x faster performance
- Gigabit Ethernet Port

RE650 09051273

AC1750 WI-FI RANGE EXTENDER



- Boosts Wi-Fi coverage up to 10,000² ft
- 802.11AC Wi-Fi technology
- Dual band Wi-Fi up to 1750Mbps
- Gigabit Ethernet port
- Compatible with any standard wireless router
- 3x external dual band antennas (3x 2dBi for 2.4GHz and 3x 3dBi for 5GHz)

RE450 09051290

300MBPS OUTDOOR ACCESS POINT - 9DBI



Built-in 9dBi 2x2 dual-polarized directional MIMO antenna.

- 5km+ wireless data transmission
- Max. Transmit Power: 27dBm / 500mW (Adjustable by 1dBm)
- Centralised Management System
- Outdoor Enclosure: IPX5 water & dustproof
- 6,000V lightning protection

CPE210 09051317

300MBPS OUTDOOR ACCESS POINT - 12DBI



Built-in 12dBi 2x2 dual-polarized directional MIMO antenna.

- 13km+ wireless data transmission
- Max. Transmit Power: 30dBm / 1000mW (Adjustable by 1dBm)
- Centralised Management System
- Outdoor Enclosure: IPX5 water & dustproof
- 6,000V lightning protection

CPE220 09051289

300MBPS OUTDOOR ACCESS POINT - 13DBI



Built-in 13dBi 2x2 dual-polarized directional MIMO antenna.

- 15km+ wireless data transmissions
- Max. Transmit Power: 23dBm / 200mW (Adjustable by 1dBm)
- Centralised Management System
- Outdoor Enclosure: IPX5 water & dustproof
- 6,000V lightning protection

CPE510 09051302

300MBPS WIRELESS REPEATER



Easily expand wireless coverage at a push of Range Extender button.

- Ethernet port allows the Extender to function as a wireless adapter to connect wired devices
- 300Mbps wireless data rates ideal for video streaming

WA850RE 09051321

N300 WIRELESS CEILING MOUNT AP



EAP Controller Software enables administrators to easily manage hundreds of EAPs.

- Supports passive PoE for convenient installation up to 100m
- Ceiling mounting design with chassis make it easy to deploy on a wall or ceiling
- Captive portal provides one convenient method of authentication for Wi-Fi guests
- Multi-SSID divides multiple wireless networks for different users
- Enterprise class Wi-Fi security help to decrease network security threats

EAP110 09051319

N300 WIRELESS WALL PLATE AP



Easy-mount construction allows installation into any standard EU-type data wall-box.

- Compact, low-profile design fits discreetly with any existing interior style
- Free Auranet Controller Software enables administrators to easily manage hundreds of EAPs
- Support Power over Ethernet (802.3af) for convenient and affordable installation
- Enterprise class Wi-Fi security helps to decrease network security threats
- Captive portal provides one convenient method of authentication for Wi-Fi guests

EAP115W 09051323

OUTDOOR AP 5GHZ 300MBPS 23DBI



- Up to 300Mbps on 5GHz wireless data rates
- Excellent beam directivity, improved latency and noise cancellation
- Pharos Control gives administrators a free, centralized management system
- AP / Client / Bridge / Repeater / AP Router / AP Client Router (WISP) operation modes
- Passive PoE supports to allow flexible deployment and convenient installation

CPE610 09051306

450MBPS WIRELESS ACCESS POINT



450Mbps wireless transmission rate, brings smooth wireless N experience.

- Supports multiple operating modes: Access Point, Client, Universal/WDS Repeater, Wireless Bridge
- Easily setup a WPA-PSK/WPA2-PSK encrypted secure connection at a push of the WPS button
- Up to 30 metres (100 feet) of flexible deployment with included Power over Ethernet Injector

TLWA901ND	09051330

AC1750 CEILING MOUNT GIGA AP



AC1750 Wireless Dual Band Gigabit Ceiling Mount Access Point.

- Simultaneous 450Mbps on 2.4GHz and 1,300Mbps on 5GHz
- Free EAP Controller Software lets administrators easily manage hundreds of EAPs
- Power over Ethernet (802.3at)

EAP245	09051332

UAP IN-WALL ACCESS POINT



Transform an Ethernet wall connection into a dual-band 802.11AC Wi-Fi Access Point.

- 2x Gigabit Ethernet ports (one of which delivers PoE to power and connect an 802.3af device)
- Provides simultaneous, dual-band, 2x2 MIMO technology
- Also available in a 5-pack

	UAP-AC-IW	09051337
5-pack	UAP-AC-IW-5	09051339

UAP OUTDOOR AP 1750MBPS

- Save money and save time – UniFi comes bundled with a non-dedicated software controller that can be deployed on an on-site PC, Mac, or Linux machine; in a private cloud; or using a public cloud service
- Powerful Hardware – The UniFi AC Mesh APs feature Wi-Fi 802.11ac with Plug & Play Mesh technology
- Expandable Unlimited scalability – build wireless networks as big or small as needed

UAP-AC-M-PRO	09051338

UNIFI AC1750 ACCESS POINT



Supports simultaneous dual-band, 3x3 MIMO technology in the 5 and 2.4GHz radio bands.

- 2.4GHz Speed: 450Mbps, 5GHz Speed: 1,300Mbps
- Gigabit, 802.3af PoE
- Also available in a 5-pack

	UAP-AC-PRO	09051342
5-pack (Adapter not included)	UAP-AC-PRO5	09051376

UNIFI OUTDOOR MESH AP

- Save money and save time – UniFi comes bundled with a non-dedicated software controller that can be deployed on an on-site PC, Mac, or Linux machine; in a private cloud; or using a public cloud service
- Powerful Hardware – The UniFi AC Mesh APs feature Wi-Fi 802.11ac with Plug & Play Mesh technology
- Expandable Unlimited scalability – build wireless networks as big or small as needed

UAP-AC-M	09051344

AC1200 GIGABIT ACCESS POINT



Wi-Fi 802.11ac technology.

- Dual Band with 300Mbps in 2.4Ghz and 867Mbps in 5GHz
- 24V passive POE
- Gig Lan Port

	UAP-AC-LITE	09051346
5-pack (Adapter not included)	UAP-AC-LITE5	09051351

AC1300 LONG RANGE ACCESS POINT



Environment: Indoor.

- 2.4GHz Speed: 450Mbps
- 5GHz Speed: 867Mbps
- PoE Mode: 24V Passive PoE

	UAP-AC-LR	09051348
5-pack (Adapter not included)	UAP-AC-LR5	09051349

POWERBEAM 5GHZ ACCESS POINT



Ubiquiti NanoBeam M5 22dBi NBE-M5-300.

- Breakthrough MIMO antenna cost/ performance
- Higher Antenna Gain
- Very small visible footprint
- 150+Mbps of real outdoor throughput and up to 25km+ range

PBE-M5-300	09051356

NSM5 AIRMAX CPE RADIO & MIMO



5GHz 802.11a/n hi-power (27dBm) 2x2 MIMO AirMax TDMA PoE station. This is the ultimate 5Ghz wireless outdoor CPE with integrated 14dBi dual polarity antenna.

- 150+ Mbps real outdoor throughput and up to 15km+ range
- Dual Ethernet Connectivity: A secondary Ethernet port with software enabled PoE output for seamless IP Video integration
- Intelligent PoE: Remote hardware reset circuitry of NanoStation M allows for device to be reset remotely from power supply location
- 802.3af 48V compliant

NANOSTATION M5	09051357

POINT TO POINT 1.4+GBPS RADIO

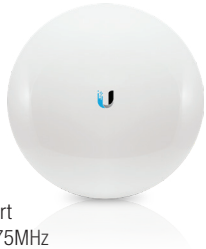


AIRFIBRE Carrier Class Point-to-Point Gigabit Radio.

- ACMA EIRP limit at 24GHz is 100mW (20dBm)
- Addressing the Under-served
- AF24's Plug and Play Deployment
- Revolutionary Performance
- Hybrid Division Duplex (HDD)
- Advanced Antenna System

AIRFIBER24	09051358

NANOBEAM AC ACCESS POINT



- 5GHz
- 19dBi
- 24V, 0.5A PoE
- Atheros MIPS 74Kc, 720MHz
- (1) 10/100 Ethernet Port
- Worldwide: 5150 - 5875MHz

NBE-5AC-GEN2	09051360

UNIFI CONTROLLER CLOUD KEY



Multi-Site Management.

- Wi-Fi Management
- Router and Switch Management
- Add, provision, configure, monitor, and manage all of your
- UniFi devices, whether in one or thousands of private
- Networks all from a central control plane

	UC-CK	09051366

UNIFI AC2600 ACCESS POINT



- High Density Applications Powered by MU-MIMO Technology
- Dual Band
- UniFi is quickly expanding to a full Software Defined Networking (SDN) solution with seamless integration of high-performance switching, gateways and more

	UAP-AC-HD	09051375

AC1200 ACCESS POINT WITH POE



802.11ac wireless standard.

- Concurrent Dual Band operation
- Gigabit LAN with PoE support
- Compact form factor
- Up to 26dbm high power design
- Band Steering and Bandwidth Optimization support
- Multiple operating modes
- AP Array support

	DAP2660	09051400

AC1750 ACCESS POINT WITH POE



802.11ac wireless technology.

- Concurrent 2.4GHz and 5GHz dualband
- 3x3 antenna design for 2.4GHz and 5GHz
- Up to 1720Mbps throughput
- 2x Gigabit LAN ports
- PoE+ support (802.3at)
- High power 23dBm design
- Multiple operating modes

	DAP2695	09051405

AC1200 DUAL BAND WALL PLATE



Stylishly change an existing in-wall wired Ethernet jack to a wireless access point.

- 802.11ac High Speed dual-band: wireless speeds up to 1200Mbps
- Multiple SSIDs for Security Management
- Fast roaming, wide coverage & high sensitivity
- Built-In RADIUS Server: manage up to 256 user accounts

	IAP1200	09051430

AC1200 WHOLE HOME WI-FI EXTENSION KIT



Whole home Wi-Fi solution.

- Play and Plug in AP-Mode with auto-grouping management
- Smartphone, tablet or web-browser setup with no CD or computer required
- High-speed capacity of up to 1200Mbps (N300 + AC867Mbps)

	RE11	09051435

3-IN-1 ACCESS POINTS FOR OFFICE



- Easy Setup, Self-Managed & Pre-Configured Wi-Fi System
- Three separate Wi-Fi networks by default – office, guest and Wi-Fi device – secure Wi-Fi network
- Expandable Wi-Fi System
- High-Speed 802.11ac Wave 2 & Efficient MU-MIMO
- Individual User Logins

	OFFICE123	09051445

VPN - VIRTUAL PRIVATE NETWORK

WIRELESS 'N' ROUTER FIREWALL



Obtain highly secure connectivity to the Internet and from remote locations and workers with the Cisco RV 120W Wireless-N VPN Firewall.

- High-speed wireless access point
- 4-port switch
- Intuitive, browser-based device manager
- IP Security (IPsec) VPN support

	RV120W	09052210

MATRIX 3G GATEWAY 1-CHANNEL



A bridge between your PBX and the 3G/GSM networks.

- FXS port can be interfaced to the trunk port of any PBX
- 3G 850/1900/2100, GSM 850/900/1800/1900
- Connects to analogue trunk port or landline phone handset
- Often used with elevators.

	GFX11	09052465
Backup Battery included	GFX11E	09052470

ANTENNA

8DBI INDOOR OMNI-DIRECT 2.4GHZ ANTENNA



The TL-ANT2408CL 8dBi antenna is ideal for upgrading your wireless access points/routers.

- 8dBi Omni-directional operation boosts your signal to cover a wider area
- 2.4GHz operating frequency, workable for 11b/g/n devices
- Very easy to install, no software required

8 dBi	Antenna only	ANT2408CL	00460005

OUTDOOR DIRECTIONAL ROUTER EXTENSION ANTENNAS



- Directional operation covers long ranges
- Weather proof design, suitable for all weather conditions
- Features 100cm CFD-200 low loss cable for flexible deployment
- N Female connector, applicable in most outdoor solutions
- Provides easy installation mounting kits

9dBi	ANT2409A	00460020
24dBi	ANT2424B	00460030

12DBI OUTDOOR ROUTER EXTENSION ANTENNA



TP-LINK 12DBI outdoor omni-directional router extension antenna.

- 12dBi all-directional operation makes your wireless coverage highly extended over a large area
- Weather proof design, suitable for all weather conditions
- N Female connector, applicable in most outdoor solutions
- Provides easy installation mounting kits

12 dBi	ANT2412D	00460023

ROUTER ANTENNA EXTENSION LEAD



- Easy and quick deployment into suitable WLAN environment
- Features higher performance low loss CFD-200 cable with excellent flexibility

3m	RP-SMA to RP-SMA connector	ANT24EC3S	00460095
5m	SMA-RP to SMA-RP socket	ANT24EC5S	00460100
12m	'N' plug to 'N' socket	ANT24EC12N	00460110
0.5m	'N' to SMA-RP plug	ANT200PT	00460120

USB NETWORK ADAPTER

AC1900 HIGH GAIN USB ADAPTER



AC1900 600Mpbs on 2.4GHz band or 1300Mbps on 5GHz.

- 4 High gain antennas ensure superior range and stability
- USB 3.0-Port
- Equipped with a USB 3.0 Cradle for flexible deployment

ARCHERT9UH 09051192

WIRELESS 'N' LITE USB ADAPTER



TP-LINK TL-WN721N is designed to provide a high-speed and unrivalled wireless performance for your computer.

- Exceptional wireless speed up to 150Mbps
- Wireless security encryption easily at a push of QSS button
- Supports Sony PSP for online gaming

TLWN727N 09051195

WIRELESS 'N' USB ADAPTOR MIMO



- Adopts MIMO technology for wireless rates of up to 300Mbps
- Quick Secure Setup, complies with WPS for worry free wireless security

TLWN821N 09051202

AC600 DIRECTIONAL USB ADAPTER



Max. Wi-Fi speeds of 150Mbps (2.4GHz) or 433Mbps (5GHz).

- Directional high gain antenna, 5dBi (2.4GHz) and 7dBi (5GHz)
- USB cradle for flexible placement and better wireless signal

EW7811DAC 09051204

AC600 DUAL BAND USB ADAPTER



Supports 802.11ac – The next generation of Wi-Fi.

- Dual Band connections for lag-free HD video streaming and online gaming
- Maximum speed up to 5GHz 433Mbps or 2.4GHz 150Mbps
- Backward compatible with 802.11 a/b/g/n products
- Easy wireless configuration utility

ARCHERT2U 09051206

AC1200 DUAL BAND USB3.0 ADAPTER



Ultra-fast 1200 (867+300)Mbps wireless speed with 802.11ac.

- Dual Band connections for lag-free HD video streaming and gaming
- SuperSpeed USB 3.0-port – Up to 10x faster than USB 2.0
- Easy wireless security encryption at a push of the WPS button
- Equipped with a USB Extension Cable for flexible deployment

ARCHERT4U 09051208

AC600 HIGH GAIN USB ADAPTER



600 (433+150) Mbps wireless speed with 802.11ac.

- High gain external antenna
- Selectable Dual Band connections for lag-free HD video streaming and gaming
- A tiny way to get speedy next generation Wi-Fi connections

ARCHERT2UH 09051211

AC450 NANO USB ADAPTER



Small, unobtrusive design – set and forget.

- Blazing fast wireless data transmission rates of up to 433Mbps
- Transmits on the uncluttered 5GHz band to avoid wireless signal interference

ARCHERT1U 09051214

AC1200 DUAL BAND USB3.0 ADAPTER



- Max. Speed: up to 300Mbps (2.4GHz) and 867Mbps (5GHz)
- 802.11ac Wi-Fi standard and backwards compatible
- 11ac MU-MIMO
- Beamforming directional signals support

EW7822UTC 09051216

N150 USB NANO ADAPTER WI-FI

EDIMAX



- Wi-Fi N150: Complies with wireless 802.11b/g/n standards with data rate up to 150Mbps
- Bluetooth 4.0 & Bluetooth 3.0+HS (High Speed): Up to 24Mbps, 8 times faster than Bluetooth 2.0 or 3.0

EW7611ULB 09051217

AC600 DUAL BAND USB ADAPTER

EDIMAX



Max. Wi-Fi speeds of 150Mbps (2.4GHz) or 433Mbps (5GHz).

- High gain antenna, 4dBi (2.4GHz) and 6dBi (5GHz)
- USB cradle for flexible placement and better wireless signal

EW7811UAC 09051219

USB3.0 TO 4 LAN PORTS ADAPTER

IOCREST



USB3.0 TO 4-Ports 10/100/1000M Ethernet Controller.

- Application includes USB 10/100/1000M Ethernet on Motherboard, Dongle, Notebook, Docking station, or Embedded system

UL4 09051233

MONITORS

19.5" LED MONITOR

PHILIPS



MVA Display for wide viewing angles and deep contrast levels.

- 16:9 Full HD display for crisp detailed images
- SmartContrast for rich black details
- Easy display performance tuning with SmartControl Lite

200V4QSBR 29500056

21.5" LED MONITOR

PHILIPS



Philips 21.5" LED Full HD Monitor with SmartControl Lite.

- Resolution: 1920x1080
- Aspect Ratio: 16:9
- SmartContrast for Rich Black details
- Connections: HDMI & VGA

223V5LHSB2 29500045

21.5" LED MONITOR

PHILIPS



- Resolution: 1920x1080
- SmartContrast for rich black details
- 170° viewing angle
- VGA, DVI, VESA, Speakers
- 3 Year Warranty

226V4LAB 29500051

21.5" FHD LED MONITOR

BenQ



3000:1 high contrast ratio.

- 178°/178° wide-viewing angle
- Flicker-free Technology
- True 8-Bit Colour Performance
- Dual HDMI

GW2270H 29500061

23.6" SAMSUNG LED MONITOR

SAMSUNG



Super slim FHD monitor.

- D-sub and HDMI port
- Response Time: 4ms
- Panel type: PLS
- Resolution: 1920x1080

LS24F350FHEXXY 29500376

PERIPHERALS

COMPUTER SWITCH BOXES & KVMS

2-WAY USB/PS2 VGA KVM SWITCH

ATEN



One PS/2-USB VGA console controls two VGA interface computers.

- Dual Interface – supports computers with PS/2 or USB keyboards and mice
- Computer selection via front panel pushbuttons, hotkeys, and mouse
- Console mouse port emulation/ bypass feature supports most mouse drivers and multifunction mice

CS82U 09005020

ELECTRONIC VGA SWITCH

ATEN



It allows independent computers to display their video outputs on a single monitor.

- Electronic switching for greater reliability and durability
- High resolution video – up to 1920x1440
- Long distance transmission – up to 10m
- DDC, DDC2, DDC2B Compatible
- Computer selection via push-button switch
- Easy installation – No software required

2-way	VS291	09005034
4-way	VS491	09005037

VGA VIDEO DISTRIBUTION SPLITTER

ATEN



- Cascadable to 3 levels
- All metal casing
- Long-distance transmission – up to 65m
- Superior video quality – 1920x1440@60Hz

2-way		VS92A	09005040
4-way		VS94A	09005043
8-way		VS98A	09005046
16-way	With audio	VS0116	09005049

8-PORT VIDEO SWITCH



- Displays the video output of eight separate computers on a single monitor or projector
- New modern concentric design with logical connector layout for quick and easy access
- Fast and convenient computer selection via push buttons or infrared (IR) remote control

VS881	09005050	

4 USB SHARING DEVICE

ATEN



4 built-in USB ports.

- Enables computers to share 4 USB devices
- Simple port selection via remote port selector
- USB 2.0 compliant
- Multiplatform support – Windows, Linux, Mac and Sun
- LED indicators display port focus
- Overcurrent protection

4-port	US424	09005097
2-port	US224	09005112

USB KVM SWITCH WITH CABLES

ATEN



One USB console controls multiple USB computers using a compact design, built-in 0.9m cables.

- Hotkey selection for OS and keyboard language
- USB mouse port can be used for USB hub and USB peripheral sharing
- All-in-one design
- With speaker support
- Up to 2048x1536

2-port	CS62US	09005082
4-port	CS64US	09005087

1.8M USB KVM LEAD WITH AUDIO

ATEN



1.8m KVM cable for connecting various Aten KVM switches to PCs or Notebooks.

- USB and VGA connections with integrated audio

2L-5302U	09005215	

2-PORT USB DVI-D KVM SWITCH

ATEN



The CS22D 2-Port USB DVI KVM Switch is a control unit that allows access to two computers from a single USB and DVI console (keyboard, video and mouse). With the CS22D, you can access the computers conveniently via a Remote Port Selector.

- One DVI-D video console controls two DVI-D USB interface computers
- Computer Selection via Remote Port Selector
- OS Support: Windows 2000, Windows XP, Windows Vista, 7, Mac, Sun and Linux
- Superior video quality – up to 1920 x 1200@60Hz
- Supports USB hot-plugging
- Non-powered
- Supports USB 2.0 device

CS22D	09005278	

2-PORT HDMI & USB KVM SWITCH

ATEN



The CS692 Switch takes a giant step forward from prior cable KVM models in the Petite series, by offering full HDMI functionality & USB 2.0 peripheral sharing.

- One HDMI video console controls two USB computers
- Computer selection via remote port selector, hotkeys, and USB mouse
- Audio-enabled – supports 2.1-channel surround sound systems
- Compact design, built-in all-in-one cables (2x 1.2m)

CS692	09005110	

2-PORT USB/DVI KVM SWITCH

ATEN



The CS1782A USB DVI Dual Link KVMP™ Switch carries advanced features, such as nVidia 3D Vision ready 120Hz 3D display support, gaming keyboard compatibility and port selection/ switching using a mouse, aimed at giving you flexibility, convenience and enjoyment.

- Full bass response for high quality 7.1-channel surround sound systems
- Computer selection via font panel pushbuttons, hotkeys, and mouse!
- Independent switching of KVM, USB, and Audio focus
- nVidia 3D Vision Ready: Works with 120Hz LCD monitors and active shutter glasses
- HDCP compatible
- Firmware upgradable

CS1782A	09005281	

USB / HDMI KVM DESKTOP SWITCH

ATEN



With its unique design and innovative features, the CubiQ™ KVM Switch provides both style and functionality for today's multimedia SOHO environment.

- Independent switching of KVM, USB peripheral, and audio focus via front panel push-buttons and hotkeys
- HDMI digital monitor support – fully compliant with HDCP
- Dolby True HD and DTS HD Master Audio support

2-port	CS1792	09005320
4-port	CS1794	09005330

KVM EXTENDER OVER CAT5

ATEN



The CE770 is a USB based KVM Extender with Deskew function.

- Local and Remote Units connect at distances up to 300m using CAT5e cable
- Deskew Function - automatically synchronizes the time delay of RGB signals to compensate for distance
- RS-232 serial ports - allow you to connect to a serial terminal, or serial devices such as touchscreens and barcode scanners

CE770 09005505

USB VGA KVM EXTENDER OVER CAT5

ATEN



The CE700A is a USB KVM Extender with superior video quality and built-in ESD.

- CAT5e cable connects, Local and Remote Units - up to 150m
- High resolution video - up to 1280x1024@60Hz
- Surge protection
- Dual console operation
- USB Keyboard and USB Mouse Ports

CE700A 09005510

1-PORT KVM OVER IP ADAPTOR

ATEN



Provides over-IP capability to KVM switches that do not have built-in over-IP functionality.

- Full-screen or sizable remote desktop window
- Virtual media via USB 2.0 data transmission
- Web-based Windows and Java implementations allow the server to be controlled from any browser
- Advanced security features include password protection and advanced encryption technologies

CN8000A 09051705

USB OVER CAT5 EXTENDER

Pro.2



Extends USB 2.0 signal using one CAT5e/6 Cable.

- Connects USB devices to one computer
- Built-in LINK indicators on receiver units
- Built-in 4-ports Hubs on receiver unit

PRO1354 09051710

KEYBOARDS & MOUSE

COMPACT WIRELESS DESKTOP COMBO

Logitech



Advanced 2.4GHz wireless.

- Logitech Unifying receiver
- Carry-around mouse
- Extended battery life
- Eight hot keys
- Full-size, spill-resistant keyboard
- Plug and Play simplicity

MK270R 09049981

WIRELESS DESKTOP COMBO

Logitech



You get a full-featured sleek keyboard and mouse combo and control comfortably at your fingertips, with a reliable wireless connection and long-lasting battery life.

- 2.4GHz wireless gives you a powerful, reliable connection
- Easy-to-carry mouse and full-size keyboard
- You'll get up to 24 months of battery life for the keyboard and up to five for the mouse

MK520 09049983

WIRELESS TOUCH KEYBOARD

Logitech



- Integrated wireless keyboard with touchpad.
- 10m (33ft) wireless range
- Plug and Play setup
- 18 month battery life
- Designed for use with Windows® 7, Windows 8, Windows 10 and later, Android™ 5.0 or later, and Chrome OS™

K400PLUS 09049988

BASIC OPTICAL USB MOUSE

Logitech



- Simple to set up and use
- High-definition optical tracking
- Full-size comfort, ambidextrous design
- Available Colours: Black & Red

●	M105BK	09050046
●	M105RD	09050047

CORDLESS OPTICAL MOUSE

Logitech



Designed for how you use the Web, our newest micro-precise scrolling makes reading Facebook, shopping Amazon or scrolling through Google searches easier.

- The contoured shape with textured rubber grips keeps your hand happy – even after long hours
- Long battery life virtually eliminates the hassle of changing batteries
- Logitech Unifying Nano-receiver is small enough to leave connected to your laptop
- Advanced Optical Tracking

M325 09050052

USB KEYBOARD AND MOUSE COMBO



Your hands will enjoy the low-profile, whisper-quiet keys and standard layout with full-size F-keys and number pad.

- Tough, spill-resistant design
- Sturdy, adjustablle tilt legs
- Precise, high-definition optical mouse
- Simple Plug & Play USB connection

MK120 09050066

WIRELESS MOUSE



1,000 DPI high-definition tracking engine.

- Reliable 2.4GHz wireless connection
- Up to 9 month battery life

1620 09050075

LARGE PRINT TRICOLOUR KEYBOARD



Large print keys to reduce eyestrain and improve efficiency on typing process.

- Select between red, blue, or purple backlight illuminations to make the keys more visible in dark areas
- Built-in with multimedia and quick-access hotkeys for easier and quicker accessibility on e-mail, home page and other functions
- USB connection with a 5ft cord
- OS Supported: Windows XP, 2000, Vista, 7, Mac OS

KB505U 09050578

WIRELESS KEYBOARD/MOUSE COMBO



- Media control
- 1,000 DPI high-definition tracking engine
- Up to 12 months (keyboard) & 9 months (mouse) battery life
- 2.4GHz Wireless Connection
- Plug-and-forget NANO receiver

RP1830 09050583

WIRELESS KEYBOARD/MOUSE COMBO



The Logitech MK345 Wireless Keyboard and Mouse Combo is designed to keep you comfortable while you're working on your computer.

- The mouse has a contoured design to fit your hand
- Keyboard incorporates a generous palm rest
- Optimised battery life
- Included receiver plugs directly into your computer's USB port

MK345 09051031

15.6" LAPTOP KEYBOARD PROTECTOR



- Removable and Washable
- Full coverage protection against dust, scratches, greasy, dirt, spills and everyday mishaps
- Waterproofing, dustproof and anti bacterial
- Fits most Dell, HP, Compaq, IBM, Toshiba, Sony, Apple, Gateway, Acer, and Sharp laptops
- Dimension: 36.2x13.7cm

suits 15.6" laptops KP018 09050588

DVD BURNER

INTERNAL DVD BURNER



24x Internal SATA DVD Writer.

- DVD Write: DVD+R 24x (DL 12x)
- DVD Rewrite: DVD+RW 8x
- CD Write: CD-R 48x
- CD Rewrite: CD-RW 32x
- Buffer Size: 2MB

LIDB01 09005700

LG SLIM EXTERNAL DVD BURNER



- It connects to your devices via USB2.0
- Read Speed: Up to 8x (DVD), Up to 24x (CD)
- Write Speed: Up to 8x (DVD), Up to 24x (CD)
- Supports both Windows and Mac machines
- Dimensions: 144(W) x 137(D) x 14(H)mm
- You can also connect the drive to your TV to play discs on the big screen

GP65NB60 09005745

USB ACCESSORIES

BLUETOOTH

MINI USB BLUETOOTH 4.0 DONGLE



Wirelessly communicates with Bluetooth-enabled computers, printers, PDAs, smartphones, headsets, and more.

- Connect up to three Bluetooth devices
- Backwards compatible with Bluetooth 1.1, 1.2, 2.0 and 3.0
- Ultra-low power consumption
- 2.4GHz ~ 2.4835GHz ISM Band
- Wireless range of 20m

BD400 09050618

USB BLUETOOTH DONGLE ADAPTOR



- Add Bluetooth to a PC!
- Wirelessly connect to Bluetooth enabled devices such as headsets, phones, and tablets

BTD03 09050635

HUBS

SINGLE USB2.0 PRINT & STORAGE



The TP-LNK MFP and Storage Server TL-PS310U is designed to share your USB devices throughout your home or office network. More than a MFP server, TL-PS310U also supports various USB devices like scanner, external hard drive, flash drive, memory card reader USB webcam, USB speaker etc.

- Great compatibility with the majority of MFP and other USB devices
- Share up to 4 USB devices through your network by connecting to a USB hub
- USB2.0 compliant ensures high speed processing of jobs
- Easy setup with Installation Wizard simply by several clicks
- Compact and smart design, can be located almost anywhere

TLPS310U 09001035

3-PORT USB HUB AND CARD READER



2-in-1 USB 3.0 hub and card reader function.

- Portable and tuck-away cable design
- Support 3 USB 3.0-ports
- 2x USB 3.0 card reader slots
- Support SD and Micro SD cards

HCR518 09050682

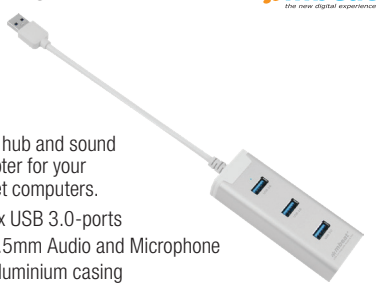
3-PORT USB-C USB HUB WITH LAN



- Designed to work with the New MacBook, Chromebook and many other computers or devices with USB-C ports
- Add 3 USB 3.0-ports and deliver super fast data transfer rates of up to 5Gbps, backward compatible with USB 2.0 and 1.1
- Add Gigabit Ethernet connection with superfast network speed up to 1,000Mbps

UCH31 09050713

3-PORT USB3.0 HUB WITH AUDIO

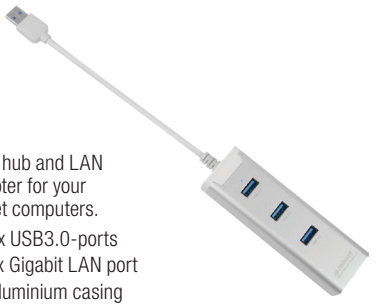


USB hub and sound adapter for your tablet computers.

- 3x USB 3.0-ports
- 3.5mm Audio and Microphone
- Aluminium casing

HUB33A 09050718

3-PORT USB3.0 HUB WITH GIG LAN



USB hub and LAN adapter for your tablet computers.

- 3x USB3.0-ports
- 1x Gigabit LAN port
- Aluminium casing

HUB33E 09050730

4-PORT USB 2.0 HUB



- USB Version 2.0
- 4-ports, and power up to 500mA each port
- Active or Passive operation – power input for optional external power supply
- No need for drivers or software

HUB4 09050715

4-PORT COMPACT USB 2.0 HUB



Built-in Magnet Pad for quick mount and easy movement.

- Provides 4 additional USB 2.0-ports to existing USB Systems
- Per port overcurrent protection
- Plug 'n' Play

UH284N 09050670

4-PORT SUPER MINI USB 2.0 HUB



Super mini design and high quality finish.

- USB 2.0 Plug and Play
- 4 upstream and down stream ports
- 4cm hidden USB cable design
- Supports optional 5V AC/DC power

UPH110K 09050675

7-PORT USB3.0&2.0 HUBS



- Individual power switch to control on/off
- 4 of USB 3.0 super speed ports up to 5Gbps
- Big power pack to support multiple connections
- Power: +5V/3A

USBM43HUB 09050705

7-PORT USB HUB AND CHARGER



Serves as a data transfer hub and a fast USB charger.

- The Smart Charging Port enables full-speed charges (up to 2.1A) to the smartphone and tablet
- USB 3.0 and 2.0

HUB716 09050707

13-PORT USB2.0 HUB MANAGER



- 6x top load ports and 7x side load ports
- 13x individual power switches with Blue LED indicator design
- 1.2m length Y-Type USB cable to provide extra power
- 3A Heavy-duty power adaptor
- Compatible with USB 2.0 (480Mbps) devices

USBM13HUB 09050710

USB TYPE-C TO HDMI USB LAN SD



- 2x USB 3.1 Type-A (Gen 1, 5Gbps)
- 1x USB 3.1 Type-C (with Power Delivery, up to 20V/3A, 60W)
- 1x HDMI (up to 4K x 2K@30Hz)
- 1x RJ45 (10/100/1000Mbps)
- 1x SD card slot (supports SD/SDHC/SDXC)

UCD01 09050732

USB-C HUB WITH 4K HDMI FOR MAC



Slick and compact, exclusively designed for MacBook Pro Thunderbolt 3 (USB-C) 13/15".

- Thunderbolt 3 pass-through, charges your MacBook Pro while enabling up to 40Gbps data transfer
- Additional USB-C port, 2x USB 3.0-ports, and SD/Micro SD reader, no more other dongles
- 4K HDMI output delivers crisp and high-resolution video to monitors and projectors

UCDP2 09050734

USB-C HUB WITH 4 USB-A SOCKETS



- Plug and Play
- Fast speed USB 3.0 connection
- Back compatible with USB 2.0

HUB3C4 09050740

4-PORT CLAMP-ON USB3.0 HUB



- Distinct design perfectly match iMac style
- Clamp on iMac
- 4x USB 3.0 hubs

IHUB 09050750

USB3.0 HUB WITH CARD READER



USB 3.0-port, TF/SD Card slot, Gigabit Ethernet port and Surface pen stand for Surface Pro.

●	AH8SLV	09050754
●	AH8BLK	09050755

USB-C TO HDMI USB-A AND C



Provides simultaneous HDMI output, 2x USB-A 2.0 connection, USB-C charging and USB-A 3.0 port for high speed data transfer.

- Delivers 4K2K resolution to your compatible 4K2K TV or monitor
- Compact design, orientation independent
- Advanced Power Delivery - up to 100W power to peripherals or mobiles
- High performance digital processing chip

UCTH 09050760

4-PORT USB-C HUB



Connect 2x USB-A and 2x USB-C peripherals via single USB-C port.

- Designed for latest PC, Mac, Chromebook and more with USB-C port

CH381 09050765

USB-C TO HDMI & USB3.0



Reversible USB Type C to USB3.0 + HDMI2.0 + USB Type C Adapter.

- USB C port supports PD and data function
- Gold-plated connector
- Resolution for HDMI: 4Kx2K/60HZ
- Rose Gold aluminium casing

CAHC 09050767

USB AUDIO/VIDEO

PADTV HD DIGITAL TV DONGLE



HD Digital TV Dongle For Android Phones.

- Watch TV on the go
- No 3G/4G needed

D2800 09002135

USB MIC AND HEADPHONE ADAPTOR



Eliminate the need for a traditional sound card with PA2295 USB to Mic & Headphone audio adapter. It's simple to use, simply plug and play!

- USB 2.0 interface
- Microphone in jack
- Speaker/Headphone out jack

PA2295 30252295

ACCESSORIES

USB CURRENT VOLTAGE METER

Pro.2



- Easily measure the USB port of the output voltage and the device current
- Plug and Play, light and easy to carry
- Available for every USB electronic product

CVT201 09050725

USB TYPE C TO USB 3.1 ADAPTOR

mbeat



Instantly expand Type-C port connection with current USB 3.1/3.0/2.0 devices.

UTC01 09050722

DUO USB-C TO USB 3.1 ADAPTOR

mbeat



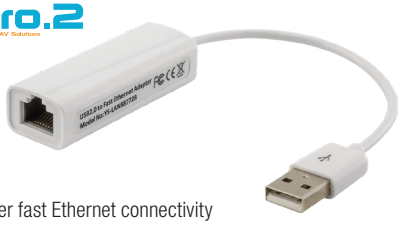
Simple and quick connection from USB Type-C to USB Type-A.

- Included with Type-C charging port
- Backwards compatible with USB 3.1, 3.0 & 2.0 connections

UTC02 09050727

USB ETHERNET ADAPTOR

Pro.2



Super fast Ethernet connectivity

- USB powered, no external power supply needed
- Plug and play for easy use

USB2.0	10M/100M	UPRS2	43151245
USB3.0	Gigabit	UPRS3	43151250

CAMERAS

WEB

LOGITECH PRO STREAM WEBCAM

Logitech



- Optimized for Streaming and Recording
- Full HD
- Tripod included
- Auto low light correction

C922 09002077

ACCESSORIES

LAPTOP SECURITY LOCK

Pro.2



This lap-lock consists of a simple lock and a metal cable which connect to the inbuilt security slot to a desk leg or secure.

- Length of metal cable: 1.8m
- 4 figure – 10,000 combination codes

LAPLOK01 09009642

SMART HOME

CONTROLLER

VERA PLUS HOME CONTROLLER

Vera



The Vera Plus Home Controller is an advanced home automation gateway that allows you to manage and control home automation devices.

- Supports Z-Wave, ZigBee, Bluetooth LE and Wi-Fi communication protocols
- Control up to 220 devices
- Z-Wave Plus certified
- WPS easy push button pairing for Wi-Fi devices
- Built-in Wi-Fi router, gateway and firewall

VERAPLUS 09050212

VERA EDGE HOME CONTROLLER

Vera



This Z-Wave gateway allows you to control your smart home devices from a mobile device or computer.

- Control over 220 devices at a time from Vera Edge
- WPS easy push button pairing for Wi-Fi devices
- User-friendly app for Apple IOS and Google Android with 300+ plug-ins

VERAEDGE 09050214

HOME CENTER 2 SYSTEM

FIBARO



Home Center 2 is the hub unit of high computing power, used to control the FIBARO system.

- HC2 communicates with up to 230 actors and sensors using wireless communication protocol named Z-Wave
- Compatible with Google Assistant and Amazon Alexa
- Works with LUA and string-based virtual devices
- Compatible with VoIP

FHC 09050216

HOME CENTER LITE SYSTEM

FIBARO



- Connect up to 230 devices
- Compatible with Google Assistant and Amazon Alexa
- Interface available through web browser or phone App

FHCL 09050218

Z-WAVE KEYFOB4

VISION



The VISION Z-Wave Plus KeyFob (4) controller allows the user to wirelessly control home appliances using Z-Wave enabled devices.

- Micro USB Charger (5V)
- Lithium Rechargeable Battery (220mAH)

VKFB 09050222

Z-WAVE RANGE EXTENDER

VISION



The Vision Z-Wave Range Extender is a smart, discrete Z-Wave device designed to amplify the signals of any Z-Wave devices in your Z-Wave network which helps to eliminate “RF dead spots”.

- Amplifies signals to a range of up to 100m
- Power level control
- Wall mountable
- Micro USB powered

VRE 09050224

SCENE MASTER ZRC-90

Remotec



REMOTEC ZRC-90 Scene Master is a Z-Wave enabled secondary controller for your Z-Wave network.

- Controls up to 8x2 pre-set scenes and
- One learn-key setup and simple operation
- Report for key pressed 1 time, 2 times, released and held down
- Unlimited controlling capability through gateway

RSM 09050226

LIGHTING

Z-WAVE SWITCH PLUGIN

DIGITAL HOME SYSTEMS



- Control On/Off function remotely by Z-Wave™ certified controllers/Apps
- Can be operated manually by the button on the device
- Measure and report the power that is consumed through the socket (connected load)

SWP 09050240

Z-WAVE IN-WALL DIMMER

goap®



Switching lights/ fan Z-Wave dimmer module that also supports control of low-voltage halogen lamps with electronic transformer, dimmable compact fluorescent lights and dimmable LED bulbs.

ZWGDM 09050250

Z-WAVE SINGLE SWITCH

goap®



The Qubino Flush 1 Relay is ideal for remotely controlling and switching electrical devices (e.g. lights or fans).

- Compatible with any Z-Wave Controller
- Dimensions: 41.8(W) x 36.8(H) x 15.4(D)mm

GSGLSW 09050252

Z-WAVE DOUBLE SWITCH

goap®



The Qubino Flush 2 Relay is ideal for remotely controlling up to two electric devices (door locks, door openers, fans, etc.) or lights.

- Compatible with any Z-Wave Controller
- Dimensions: 41.8(W) x 36.8(H) x 15.4(D)mm

ZWGDBLSW 09050254

Z-WAVE DRY CONTACT SWITCH

goap®



The Qubino Flush 1D Relay is ideal for remotely switching electrical devices such as lights, fans, ovens, washing machines, irons, power sockets, garage doors, electric radiators, water heaters and similar.

GDCSW 09050256

SENSORS

Z-WAVE MULTI SENSOR

DOME BY ELEXA



Z-Wave Plus (500 series) compatible, battery-powered sensor designed for security and lighting automation applications.

- Built-in ambient light sensor
- Z-Wave Plus certified
- Large 110° detection area
- Adjustable sensitivity

MSDOM 09050300

SECURITY

Z-WAVE HIWATCH DOME IP CAM

HIKVISION



The HiWatch Outdoor Dome IP Camera offers a 2048x1536p resolution view at 25fps with dual stream capabilities (H.264). It can produce an IR view up to 30m allowing for reliable night time monitoring.

- Anti-flicker
- Password protection
- Privacy mask
- Watermark
- IP address filter

HIWATCHD 09050350

Z-WAVE HIWATCH BULLET IP CAM

HIKVISION



The HiWatch Outdoor Bullet IP Camera offers a 1920x1080p resolution view at 25fps with dual stream capabilities (H.264). It can produce an IR view up to 30m allowing for reliable night time monitoring.

- Anti-flicker
- Password protection
- Privacy mask
- Watermark
- IP address filter

HIWATCHB 09050355

DIGITAL LOCKS

Z-WAVE KEYPAD LOCK

KAS® KEYLESS ACCESS SECURITY



The lock is integrated with the popular Z-Wave network protocol which can be integrated into automation building solutions.

- Have the ability to change the Master code
- Program up to 10 different user codes
- Z-Wave networking enabled
- Remote unlocking

Left handle	ZWLKL	09050365
Right handle	ZWLKR	09050366

POWER

BATTERIES 324

DRY CELL BATTERIES 324
LITHIUM BATTERIES 325
BUTTON CELL BATTERIES 325
RECHARGEABLE BATTERIES 326
SEALED LEAD ACID BATTERIES 328
TELEPHONE BATTERIES 330
SPECIAL BATTERIES 331
DRILL BATTERIES 331
PORTABLE CHARGER 331
CHARGERS & TESTERS 332
CONVERTERS 334
HOLDERS 335

ELECTRICAL 335

MAINS PLUGS & SOCKETS 335
POWERPOINTS & SWITCHES 336
LAMP HOLDERS 338
MAINS ACCESSORIES 338
TRAVEL ADAPTORS 339
POWER METERS 341
HOME AUTOMATION 341
ELECTRICAL TIMERS 341

FUSES 342

3AG GLASS 342
3AG CERAMIC 342
M205 GLASS 342
M205 DELAY GLASS 342
M205 CERAMIC 342
3AG DELAY GLASS 343
FUSE KITS 343
AUTO 343
POLY 343
RESETTABLE FUSES 343
THERMAL CUTOFF 343
FUSE HOLDERS 344
FUSE WIRE 344
CIRCUIT BREAKERS 344

POWERBOARDS 345

STANDARD POWERBOARDS 345
SURGE PROTECTED POWERBOARDS 346

POWER SUPPLIES 348

DC ADAPTORS 348
AC ADAPTORS 348
SWITCHMODE ADAPTORS 349
USB/IPOD ADAPTORS 350
DC REGULATED BENCH TOP 350
LAPTOP POWER 352
COMPUTER POWER 352
USB CHARGER 352
CAR POWER 354
SECURITY POWER 356

UPS POWER SUPPLY 357

OFFLINE UPS 357
DOMESTIC LINE INTERACTIVE UPS 357
LINE INTERACTIVE TRUE SINE 358
ONLINE UPS 358
UPS ACCESSORIES 359

SOLAR POWER 359

TRANSFORMERS 359

LIGHTING 359
MAINS 360
PCB MOUNT 360
SPEAKER 361
TOROIDAL 361
ISOLATING TRANSFORMERS 361
FUSES 362

POWER CONVERTERS 362

INVERTERS 362
VOLTAGE REDUCERS 363
STEPDOWN TRANSFORMERS 363

POWER

NEW PRODUCTS

3V LITHIUM BUTTON CELL DIOXIDE BATTERY

RPGBAT



- Type: Button Cell
- Voltage: 3V
- System: Lithium

Voltage	Capacity	Model	Code
3V	80mAh	CR1620	02736247
3V	170mAh	CR2025	02736350
3V	220mAh	CR2032	02736366

1.5V TWIN PACK BUTTON CELLS

RPGBAT



- LR batteries are compact, light and economical alkaline batteries with a nominal voltage of 1.5V. LR batteries are less expensive than silver oxide batteries and usable with a wide variety of equipment, ranging from electronic calculators to electric toys
- (No backorder, but around 200 hundred)

Voltage	Capacity	Model	Code
1.5V	26mAh	LR41TWIN	02736796
1.5V	33mAh	LR1130TWIN	02736843

3V LITHIUM BUTTON CELL DIOXIDE BATTERY

Panasonic



- Coin-shaped cell batteries with outstanding high-energy density
- Voltage during discharge is about twice that of ordinary batteries
- Operates at low temperatures: -20°C

Voltage	Capacity	Model	Code
3V	25mAh	CR1216PA	02736209
3V	35mAh	CR1220PA	02736212
3V	55mAh	CR1616PA	02736260
3V	140mAh	CR1632PA	02736252

USB STEPUP TO 9V POWER CABLE



- USB 5V step-up to 9V converter
- Supplied with 7 standard DC tips

PP1976 33774578

USB STEPUP TO 12V POWER CABLE



- USB 5V step-up to 12V converter
- Supplied with 7 standard DC tips

PP1978 33774576

MAINS POWER METER WITH LCD

POWERTECH



A cleverly designed power meter with a detached, wired LCD display. Perfect for those hidden, inconvenient powerpoints like fridges and Hi-Fi systems.

- Displays: Watts, Cost, Volts, Amps, and CO2 Emission
- Hang-holes on LCD display for mounting
- Cable length from LCD display to powerpoint: 1.5m
- Voltage: 240V@50Hz
- Current: 10A max.
- Battery: Ni-MH rechargeable 3.6V

MS6108 11900011

ONE LEVEL POWER STACKER

SAFEMORE



- 3 standard power outlets and 2 USB ports
- Built-in overload protector
- USB ports provide 2.1 amp output
- 2 m power cord

PS1LWB 33531060

MULTI LEVEL POWER STACKER

SAFEMORE



Say goodbye to flat and ugly powerboards with this sleek design Power Stackr. Utilising every available socket and with an additional 4 USB ports, it can sit up-right on your counter or desk top.

- 2m power cord
- USB ports provide 2.1 amp output
- Built-in overload and surge protector

2 Level	8 Power outlets	PS2LBK	33531062
3 Level	10 Power outlet	PS3BK	33531064

TOUGH 6-WAY SURGE POWERBOARD

ULTRACHARGEE ELECTRICAL



Slimline rugged powerboard.

- Surge protected
- 6 outlets
- 2x USB outputs

UR1006HDU 33540175

5X10A RCD PORTABLE POWER BLOCK

ULTRACHARGEE ELECTRICAL



A must for all workshops, garages and vans.

- 5x 10A sockets
- 1x 10A plug
- RCD safety switch
- 2x USB ports (2.1A total)
- Impact resistant plastic

UR1005RU 27782805

3X10A -2X15A SOCKETS -15A PLUG

ULTRACHARGEE ELECTRICAL



A must for all worksites and garages with a 15A outlet.

- 1x 15A plug
- RCD safety switch
- 3x 15A and 2x 15A sockets
- 2x USB ports (2.1A total)
- Impact resistant plastic

UR115/5RU 27782810

INTEGRATED SWITCHING PSU

avgear



- 12 output channels, each with selectable voltage (5, 12, 24V DC)
- RS232, TCP/IP and front panel control
- Double 100-240V AC input to ensure a stable power source

PSU12 33775020

BATTERIES

DRY CELL BATTERIES

BLUE SERIES SUPER HEAVY DUTY

Camelion



Designed to ensure the product is leakage proof and has a long shelf and service life. Supplies economical power for a wide range of devices such as flashlights, radio cassettes, recorders, remote controls and clocks.

- Long life guarantee
- In resealable pack
- Mercury free

Type	Voltage	Qty	Model	Code
AA	1.5V	24 Pk	CHDAA24	02307035
AAA	1.5V	24 Pk	CHDAAA24	02307040

6V LANTERN BATTERY SUPER HEAVY DUTY

Camelion



Camelion Blue Series lantern battery with spring terminals ideal for flashlights.

- Super heavy-duty
- Type: 4R25 6V
- Capacity: 850mAh
- Size: 96(H) x 65(L) x 65(W)mm
- Chemistry: Zinc Carbon
- Mercury free

CA4R25	02307060

ULTRA HEAVY DUTY CARBON ZINC BATTERY

SONY



Provides good value for money in low drain applications such as remote controls, torches, toys, calculators and radios.

Type	Voltage	Qty	Model	Code
AA	1.5V	4 Pk	SUM3-NUB4A	02307074
AAA	1.5V	4 Pk	R03-NUB4A	02307076

ALKALINE 'N' SIZE BATTERY

Camelion



Camelion N Size Alkaline battery.

- Bubble 2-pack
- 1.5V Alkaline
- N Size

CALR1	02412106

COPPER-TOP ALKALINE BATTERY

DURACELL



CopperTop is best suited when you need reliable, long lasting life from your everyday devices.

Type	Voltage	Qty	Model	Code
AA	1.5V	2 Pk	MN1500B2	02412664
AA	1.5V	4 Pk	MN1500B4	02412688
AAA	1.5V	2 Pk	MN2400B2	02412712
AAA	1.5V	4 Pk	MN2400B4	02412716
C	1.5V	2 Pk	MN1400B2	02412640
C	1.5V	4 Pk	MN1400B4	02412645
D	1.5V	2 Pk	MN1300B2	02412608
D	1.5V	4 Pk	MN1300B4	02412610
9V	9V	1 Pk	MN1604B1	02412800

PROCELL BATTERY BULK PACKS

DURACELL



Duracell Procell alkaline batteries deliver outstanding performance and reliability.

- Contains no added mercury
- Ideal for pagers, flashlights, TV remotes, scanners and more

Type	Voltage	Qty	Model	Code
AA	1.5V	24 Pk	PC1500	02412740
AAA	1.5V	24 Pk	PC2400	02412735
C	1.5V	12 Pk	PC1400	02412745
D	1.5V	12 Pk	PC1300	02412750
9V	9V	12 Pk	PC1604	02412755

ULTRA BATTERY

DURACELL



Specially formulated to meet the increasing power demands of high power devices such as digital and flash cameras, remote control toys and halogen flashlights.

- Integrated power check tester

Type	Voltage	Qty	Model	Code
AA	1.5V	4 Pk	MX1500B4	02412940
AAA	1.5V	4 Pk	MX2400B4	02412962

ALKALINE BATTERY 2-PACK

GP



High power, long-life batteries giving up to six times the life of ordinary zinc carbon batteries.

- Ideally for high-drain applications
- 3 Year shelf life

Type1	Voltage	Qty	Model	Code
AAAA	1.5V	2 Pk	25AC2	02412968
N	1.5V	2 Pk	GP910A-C2	02412980

9V ULTRA ALKALINE BATTERY

GP



Ideal for high drain equipment.

- Type: 9V Ultra Alkaline
- Longer lasting performance
- Qty: 1-pack
- Shelf life up to 7 years

Type	Voltage	Qty	Model	Code
9V	9V	1 Pk	1604AU	02415021

DRY CELL ALKALINE BATTERY

Panasonic

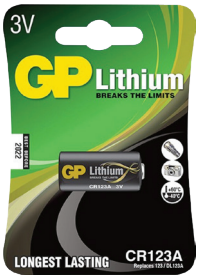


Type	Voltage	Qty	Model	Code
AA	1.5V	2 Pk	LR6T2B	02415100
AA	1.5V	4 Pk	LR6T4B	02415104
AA	1.5V	20 Pk	LR6T20B	02415108
AAA	1.5V	2 Pk	LR03T2B	02415102
AAA	1.5V	4 Pk	LR03T4B	02415106
AAA	1.5V	20 Pk	LR03T20B	02415110
AAA	1.5V	40 Pk	LR6T4S	02415112

LITHIUM BATTERIES

3V LITHIUM BATTERY

GP



The preferred power source for sophisticated photographic and remote equipment.

- Maintains high performance in extreme weather
- Maintains excellent discharge performance
- Voltage: 3V

CR123A	02492036

ULTIMATE LITHIUM BATTERIES

Energizer



Lightweight, Energizer E2 Lithium batteries are designed for the high power demands of photographic equipment and other new technology devices.

- Last up to 9x longer in digital cameras (versus Energizer MAX)
- Weigh 1/3 less than standard alkaline batteries
- Performs in extreme temperatures from -40°C to 60°C
- Holds power for 15 years when not in use
- Leak resistant construction

Type	Voltage	Qty	Model	Code
AA	1.5V	2 Pk	L91BP2	02413032
AA	1.5V	4 Pk	L91BP4	02413034
AAA	1.5V	2 Pk	L92BP2	02413030

3.6V LITHIUM BATTERY



- Voltage: 3.6V
- Capacity: 1.0Ah
- System: Lithium
- Use: Computer Memory Backup

	13 Ø x 24mm	ER14250	02492700
with PCB tags	14.5 Ø x 25mm	ER14250PCB	02492701

3.6V LITHIUM BATTERY



- Capacity: 200mAh
- Diameter: Ø14.5mm
- Height: 50mm
- Connect: Nipple

SB1774	02492703

3.6V AA LITHIUM BATTERY

Powercell TC85 AA Lithium battery.



- Capacity: 2400mAh
- Chemistry: Lithium Thionyl Chloride Li-SOCl2
- Cross Reference: ER14505
- Dimensions (mm): 50.5x14.5
- Voltage: 3.6V

TC85	02492705

LITHIUM CAMERA BATTERY

Panasonic



- Provides rapid flash recovery time and quick shooting
- Lightweight battery supplying exceptional high energy density
- Voltage: 3V

Type	Capacity	Size (ØxH)	Model	Code
CR2	850mAh	Ø15.6x27mm	CR2W	02498006
CR123A	1400mAh	Ø17x34.5mm	CR123AW	02498002

9V LITHIUM BATTERY

GP



The CR9VC1 is designed for applications in which the battery must either last a long time, such as in smoke alarms, or where it may be exposed to low temperatures or uncontrolled heat and humidity conditions, such as in electronic parking meters or other outdoor applications such as automatic watering systems and dog training transmitters.

- System: Lithium-Manganese Dioxide Non-Rechargeable
- 100% free of mercury, lead, and cadmium
- Lasts up to 10 times longer than Carbon-Zinc based batteries
- Up to 5 times longer than Alkaline based batteries
- Self Discharge: < 0.16 % per Month
- Exterior/Housing: Aluminium / Mylar Label
- Terminals/Connector: Ni-plated Miniature Snap

CR9VC1	02498950

LITHIUM BATTERY PACK

Camelion



Camelion lithium batteries provide exceptional performance for high drain devices such as Flash/Digital Cameras, Music Players, Remote Control Vehicles, Metal Detectors, Flashlights & PDAs.

- 15 Year Storage Life
- Up to 7X Longer Usage Time than normal alkaline batteries when used in high drain devices
- Super Light Weight Battery
- High Operating Voltage and Flatter Discharge Curve
- Superior Leakage Resistance

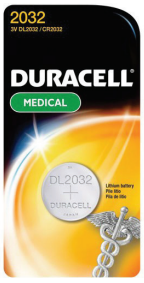
Type	Voltage	Qty	Model	Code
AA	1.5V	2 Pk	CLAAPK2	02499005
AA	1.5V	4 Pk	CLAAPK4	02499010
AAA	1.5V	2 Pk	CLAAAPK2	02499015
AAA	1.5V	4 Pk	CLAAAPK4	02499020
9V	9V	1 Pk	CL9V	02499080

BUTTON CELL BATTERIES

LITHIUM BUTTON CELLS

3V LITHIUM BATTERY

DURACELL



Duracell offers a wide range of powerful watch/electronics batteries to meet your needs. These batteries offer long lasting power in everything from watches to calculators.

- CR2016 / 5000LC
- Typical Capacity: 90mAh
- Voltage: 3V
- Dimensions: 20Ø x 1.6(H)mm
- Standard Discharge Current: 0.1mA, 0.03mA (BR)

Type	Capacity	Size (ØxH)	Model	Code
CR2016	90mAh	Ø20 x 1.6 mm	DL2016	02735920

3V LITHIUM BUTTON CELL DIOXIDE

Panasonic



- Type: Button Cell
- Voltage: 3V
- System: Lithium
- 1-pack

CR1025PS	02736201

3V LITHIUM BATTERY

GP



Coin-shaped cells are thin compared to their diameter. The metal can is the positive terminal, and the cap is the negative terminal.

Common Applications:

- Electric wristwatches, both digital and analogue
- Calculators
- Hearing aids
- Some remote controls, especially for keyless entry
- Voltage: 3V
- Backup power for personal computer real-time clocks and BIOS configuration data
- Various electronic toys
- Small LED flashlights
- Glucometers
- Security tokens

Type	Capacity	Model	Code
CR2354	560mAh	CR2354GP	02736375
CR1632	140mAh	CR1632GP	02736248
CR2430	270mAh	CR2430GP	02736500
CR2450	550mAh	CR2450GP	02736510
CR1620	75mAh	CR1620GP	02736246
CR1220	35mAh	CR1220GP	02736210
CR1616	42mAh	CR1616GP	02736244
CR2016	72mAh	CR2016GP	02736332
CR2025	160mAh	CR2025GP	02736348
CR2032	220mAh	CR2032GP	02736364

3V LITHIUM BATTERY



Powercell (Renata) 3V Lithium Battery.

- Code: CR1225
- Capacity (mAh): 48mAh
- Chemistry: Lithium
- Dimensions (mm): 12.5x2.5
- Voltage: 3V

CR1225 02736215

3V 265MAH LITHIUM BATTERY



GP Lithium Batteries are primary batteries with outstanding high-energy density.

- TYPE CR2330
- Typical Capacity 265mAh
- 23Ø x 3(H)mm
- Standard Discharge Current: 0.2mA, 0.03mA (BR)
- Maximum discharge current: 3mA
- Maximum pulse discharge current: 15mA
- Long shelf life

Type	Capacity	Size (ØxH)	Model	Code
CR2330	265mAh	Ø23x3mm	CR2330	02736369

3V LITHIUM BUTTON CELL BATTERY



The Sony 3 Volt Lithium Coin Battery provides an excellent combination of high energy and continuous voltage supply. These batteries provide long shelf life for back up energy purposes together with ideal temperature resistance and superior storage capacity.

- High energy & continuous voltage supply
- Long shelf life
- Ideal temperature resistance
- Superior storage capacity
- Sony engineering and quality

Type	Capacity	Size (ØxH)	Model	Code
CR2430	3mAh	Ø24.5x3mm	CR2430S	02736501
CR2450	3mAh	Ø24.5x5mm	CR2450S	02736511

ALKALINE BUTTON CELLS

1.5V ALKALINE BUTTON CELL BATTERY



Alkaline button cells are economical replacements suitable for calculators, photographic, hearing aids and toys.

- Voltage: 1.5V

Type	Capacity	Size (ØxH)	Model	Code
LR54	45mAh	Ø11.6x3.1mm	AGP89B1	02736817
LR44	110mAh	Ø11.6x5.4mm	AGP76B1	02736800
LR43	73mAh	Ø11.6x4.2mm	AGP86B1	02736811

SILVER-OXIDE BUTTON CELLS

377/SR626 SILVER OXIDE BATTERY

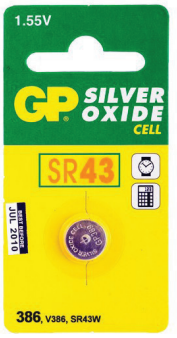


Duracell watch battery.

- Silver Oxide
- IEC: SR626
- 1.5V
- 27mA

Type	Capacity	Size (ØxH)	Model	Code
SR66	28mAh	Ø7 x 3.0 mm	D377	02736901

SILVER-OXIDE BUTTON CELLS



Low Drain silver-oxide batteries for products demanding high accuracy such as quartz watches, electronic instruments etc.

Type	Capacity	Size (ØxH)	Model	Code
SR43	120mAh	Ø11.6 x 4.2 mm	GP86B1	02737031
SR54	70mAh	Ø11.6 x 3.1 mm	GP89B1	02737047
SR57	70mAh	Ø9.5 x 2.7 mm	GP95B1	02737100
SR58	24mAh	Ø7.9 x 2.15 mm	GP62B1	02736964
SR59	32mAh	Ø7.9 x 2.65 mm	GP96B1	02737118
SR41	45mAh	Ø7.9 x 3.6 mm	GP92B1	02737079
SR60	15mAh	Ø6.8 x 2.15 mm	GP64B1	02736972
SR66	20mAh	Ø6.8 x 2.6 mm	GP77B1	02737003

RECHARGEABLE BATTERIES

250MAH 1/3AA NIMH



- Type: 1/3 AA
- Voltage: 1.2V
- Capacity: 300mAh
- Rechargeable

GP25AAH 02576932

RECYKO+PRO 4-PACK AA BATTERIES



Bonus USB charger with recyko+pro batteries.

- 4x "AA" GP Recyko+Pro Batteries
- Nominal voltage 1.2V
- Rated Capacity 2000mAh
- Charge 2 or 4 batteries
- USB compatible
- Auto power cut off
- LED charging status

GPR+PROU411 02579758

3.7V 2600MAH LITHIUM BATTERY



Camelion lithium rechargeable battery.

- 3.7 Volt
- 2600mAh
- Integrated overcharge and discharge protection

CA18650 02579855

LI-ION 7.4V 4400MAH BATTERY



- Spare battery for RFL10W

RFL10WBT 02579860

3.7V 2600MAH LITHIUM BATTERY

PKCELL



Lithium Rechargeable Battery 18650 2600mAh.

- No memory effect
- Supports up to 500 cycles
- Protection against short-circuit and overload
- Capacity 2600mAh 3.7V Li-Ion

PK18650	02579865

NIMH RECHARGEABLE

PKCELL NI-MH BATTERIES

PKCELL



- Ready to use
- Low self discharge
- Higher performance
- Protects the environment
- Saves ongoing costs

Type	Qty	Capacity	Model	Code
AA	4 Pk	2000mAh	PK4PAA	02498200
AAA	4 Pk	1000mAh	PK4PAAA	02498202
C	2 Pk	4500mAh	PK2PC	02498206
D	2 Pk	9000mAh	PK2PD	02498208
9V	1 Pk	250mAh	PK9V	02498204

NI-MH RECHARGEABLE BATTERY

GP



GP's Ni-MH rechargeable batteries are designed to meet the most stringent needs of today's high drain applications such as Digital Cameras (5 times shots output and longer-lasting than normal alkaline batteries), MD & MP3 players and other portable devices.

- Up to 5x longer lasting in digital cameras
- Ultra high capacity
- Excellent high drain performance
- Fast charge capability
- Up to 1000 recharge cycles
- Environmentally friendly
- No memory effect

Type	Voltage	Qty	Capacity	Model	Code
AA	1.2V	4 Pk	2600mAh	GPAA4	02576793
AAA	1.2V	4 Pk	930mAh	GPAAA4	02576794
C	1.2V	2 Pk	3500mAh	GPC2	02576837
C	1.2V	1 Pk	3500mAh	GP350C	02576833
D	1.2V	2 Pk	7000mAh	GPD2	02576845
9V	8.4V	1 Pk	170mAh	GP9V1	02576790

AA & AAA RECHARGEABLE

GP



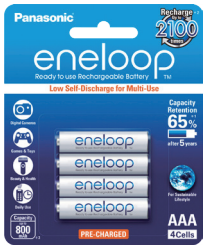
Dual Pack of GP'S most popular "AA" & "AA" Ni-MH rechargeable batteries.

- 4x "AA" & 4x "AAA"
- Voltage: 1.2V
- Fast charge capability
- Capacity: AA - 2600mAh / AAA - 800mAh

GPAA/AAA4	02576796

ENELOOP RECHARGEABLE BATTERIES

Panasonic



Eneloop batteries come pre-charged and have a very long shelf life (retains up to 85% of their capacity after a year).

- Voltage: 1.2V
- Rechargeable
- Low self discharge
- Recyclable

Type	Qty	Capacity	Model	Code
AA	2 Pk	2000mAh	BK3MCCE2BA	02579515
AA	4 Pk	2000mAh	BK3MCCE4BA	02579520
AAA	2 Pk	750mAh	BK4MCCE2BA	02579505
AAA	4 Pk	750mAh	BK4MCCE4BA	02579510

4-PACK AA ENELOOP PRO BATTERIES

Panasonic



Panasonic 4-pack "AA" Eneloop Pro battery.

- Type: AA
- Voltage: 1.2V
- Capacity: 2550mAh
- Rechargeable
- High retention
- High capacity for high drain devices

BK3HCCE4BT	02579530

USB RECHARGEABLE BATTERY



These batteries simply plug into any powered USB port to be recharged. They're a brilliant idea for battery operated PC input devices such as a mouse or keyboard.

Type	Qty	Capacity	Model	Code
AA	2 pack	1200mAh	SB1756	02579546
AAA	2 pack	400mAh	SB1757	02579548

GP RECYKO+ NEW GENERATION RECHARGEABLE BATTERY

GP

New Battery Technology now combines the benefits of conventional ready to use batteries with the environmental-friendliness and good value offered by rechargeable batteries, creating so-called green generation battery technology.



- Ready to use – Pre-charged and ready to use upon purchase
- Enjoy the power of 1000 conventional batteries as ReCyko+ can be reused up to 1000 times
- Extremely low self-discharge rates, even when left unused after 12 months
- 4X Longer Lasting – Take up to 4 times more photos when compared to a regular alkaline
- Minimise waste through reduced battery disposal

Type	Voltage	Qty	Capacity	Model	Code
AA	1.2V	2 Pk	2050mAh	GP2AARECY	02579750
AA	1.2V	4 Pk	2050mAh	GP4AARECY	02579755
AAA	1.2V	2 Pk	820mAh	GP2AAARECY	02579760
AAA	1.2V	4 Pk	820mAh	GP4AAARECY	02579765

TAGGED RECHARGEABLE

3.6V NI-MH BATTERY WITH PCB TAGS

GP

Excellent overcharge capability due to patented GCE-Electrode.



- Low self-discharge of 20% at RT after 1 year
- Flat and stable discharge voltage
- Slim design
- Long life – typical 500 full cycles
- Wide temperature range
- Main Applications: RTC-Backup, Memory-Backup, Sensor Network Supply

Type	Voltage	Capacity	Tags	Size (ØxH)	Model	Code
V80H	3.6V	80mAh	3 pin	Ø15.5 x 18 mm	3ZA80PCB	02571042
V80H	3.6V	80mAh	2 pin	Ø15.5 x 18 mm	80BVH	02571050

1.2V NI-MH RECHARGEABLE BATTERY WITH SOLDER TAGS



Type	Capacity	Tags	Size (ØxH)	Model	Code
AA	1800mAh	Solder tags	Ø14 x 50 mm	GP180AAHT	02576785
Short AA	1300mAh	Solder tags		130AAMT	02576970
SUB C	3000mAh	Solder tags	Ø22.5 x 43 mm	GP300SCHT	02576960
4/5 SUB C	1700mAh	Solder tags	Ø22.5 x 33 mm	GP200SCHT	02576952
7/5AF	3700mAh	Solder tags	Ø17 x 66 mm	GP380AFHT	02576930

1.2V NICD RECHARGEABLE BATTERY WITH TAGS



Type	Capacity	Tags	Size (ØxH)	Model	Code
AA	700mAh	Solder tags	Ø14.6 x 50 mm	GP70AAKT	02576921
SUB C	2000mAh	Solder tags	Ø22.5 x 43 mm	GP200SCT	02576958
SUB C	1300mAh	Solder tags	Ø22.5 x 43 mm	GP130SCRT	02576956
D	4500mAh	Solder tags	Ø33 x 60 mm	GP450DT	02576842

SEALED LEAD ACID BATTERIES

POWER SONIC PS / PSG SERIES AGM BATTERY



All Power Sonic PS and PSG Series Batteries feature:

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction allows safe operation in any position
- CE certified
- Power/volume ratio yielding unrivalled energy density
- Approved for transport by air. D.O.T., I.A.T.A. and F.A.A. certified
- U.L. recognised under file number MH 20845

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Weight (kg)	Terminal Type	Model	Code
6V	1.4Ah	97	24	51	56	0.3kg	F1	PS612	03294085
6V	3.5Ah	134	34	60	65	0.62kg	F1	PS630	03294089
6V	4.5Ah	70	47	100	108	0.7kg	F1	PS640	03294095
6V	7Ah	151	34	94	100	1.1kg	F1	PS670	03294105
6V	12Ah	151	51	94	98	2.0kg	F1	PS6100	03294115
12V	0.8Ah	96	25	62	62	0.4kg	Wire Lead / MATE-N-LOK Connect	PS1208	03294165
12V	1.4Ah	96	43	52	58	0.5kg	F1	PS1212	03294125
12V	2.5Ah	178	35	60	65	1.0kg	F1	PS1220	03294135
12V	2.9Ah	79	56	99	105	1.09kg	F1	PS1227	03294136
12V	3.4Ah	133	67	60	66	1.3kg	F1	PS1230	03294145
12V	5Ah	90	70	101	107	1.6kg	F1	PS1250	03294147
12V	7Ah	151	65	94	98	2.2kg	F1	PS1270	03294160
12V	7.2Ah	151	65	94	98	2.4kg	F2	PS1280	03294157
12V	9Ah	151	65	94	98	2.7kg	F2	PS1290	03294178
12V	12Ah	151	98	94	100	3.6kg	F2	PS12120	03296118
12V	18Ah	181	76	167	167	5.7kg	NB2	PS12180NB	03296125
12V	22Ah	181	76	167	167	6.0kg	NB1	PS12200	03296133
12V	26Ah	167	177	125	125	7.7kg	NB2	PS12260	03296135
12V	28Ah	165	125	177	177	9.4kg	NB2	PS12280	03296137
12V	33Ah	196	131	158	178	9.7kg	NB3	PS12330	03296140
12V	40Ah	197	165	170		13.2kg	NB4	PS12400	03296144
12V	55Ah	230	138	207	228	16.33 kg	U	PS12550	03296170
12V	67.5Ah	348	167	178	159	19.2kg	NB3	PS12650	03296180

12V 6AH HIGH DISCHARGE BATTERY



Power Sonic PSH series battery designed specifically for high-rate discharge (UPS) applications.

- Absorbent Glass Mat (AGM) technology for superior performance
- Rugged plastic case and cover, flame retardant to UL94 V-0
- CE certified
- Approved for transport by air. D.O.T., I.A.T.A. and F.A.A. certified
- U.L. recognised under file number MH 20845

PSH1255 03296200

12V 7.5AH LONG-SERVICE BATTERY



PG Long Life Series Battery designed for cyclic, standby and solar applications.

- Absorbent Glass Mat (AGM) technology
- Design life expectancy of 10 years in standby mode
- High-rate discharge characteristics to ensure reliable performance in UPS and Telecom applications
- Lead-calcium alloy grids provides for superior shelf-life characteristics
- Rugged plastic case and cover, flame retardant to UL94 V-0

PG1275 03296205

CENTURY PS SERIES SLA BATTERY



Century PS Batteries are a range of superior quality, high performance multi-purpose batteries designed to provide dependable primary and back-up power in domestic and commercial applications.

- High Discharge Rates – Low internal resistance allows discharge currents up to 10 times rated capacity
- Valve Regulated /Maintenance Free – Gasses are recombined within cells, eliminating the need for topping up of electrolyte levels
- Easy handling – Leak-proof construction avoids need for special handling and transportation requirements
- Longer shelf life – Low self discharge rates permit longer storage and shelf life
- Rugged Construction – High-impact resistant battery casing provides superior resistance to vibration, shock and heat
- Higher charge acceptance – Enables quicker recharge for less downtime

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Weight (kg)	Terminal Type	Model	Code
12V	2.9Ah	79	56	99	105	1.1kg	F1	PS1229	03294137
12V	3.2Ah	134	67	60.5	66.5	1.3kg	F1	PS1232	03294140
12V	10AH	151	65	111	117	3.3	F2	PS12100	03294180
12V	33Ah	195	130	158	177	11.2kg	NB3	PS12330C	03294198

YUASA NP SERIES SLA BATTERY



Yuasa batteries are the trusted choice around the world for standby power in applications where system integrity is paramount. Yuasa's NP series incorporates high energy density, advanced plate technology and a sealed construction to provide complete peace of mind.

- Superb recovery from deep discharge
- Over 1,000 Discharge / Recharge Cycles
- Low Self Discharge-Long shelf life
- Electrolyte suspension system
- Maintenance Free Operation
- Gas Recombination
- Low Pressure Venting System
- Multipurpose: Float or Cyclic use
- Operates in any orientation

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Weight (kg)	Terminal Type	Model	Code
6V	1.2Ah	97	25	50	54.5	0.3kg	F1	NP1.2-6	03296008
6V	3Ah	134	34	59	64	0.6kg	F1	NP3-6	03296024
6V	4Ah	70	47	101	105.5	0.9kg	F1	NP4-6	03296040
6V	7Ah	151	34	93	97.5	1.3kg	F1	NP7-6	03296056
6V	10Ah	151	50	93	97.5	1.9kg	F1	NP10-6	03296088
12V	0.8Ah	96	25	61.5	61.5	0.4kg	Wire Lead / JST Connector	NP0.8-12	03296090
12V	1.2Ah	97	48	54.5	54.5	0.6kg	F1	NP1.2-12	03296092
12V	2Ah	150	20	89	89	0.7kg	F1	NP2-12	03296094
12V	2.3Ah	178	34	60	64	1.0kg	F1	NP2.3-12	03296096
12V	2.6Ah	134	67	60	64	1.1kg	F1	NP2.6-12	03296103
12V	4Ah	90	70	102	105.5	1.7kg	F1	NP4-12	03296107
12V	5Ah	90	70	97.5	106	2.0kg	F2	NPH5-12	03296109
12V	7.2Ah	151	65	93	97.5	2.7kg	F1	NP7.2-12	03296112
12V	12Ah	151	98	93	97.5	4.1kg	F2	NP12-12	03296116
12V	18Ah	181	76	167	167	6.2kg	NB2	NP18-12	03296120
12V	24Ah	175	166	125	125	8.7kg	NB2	NP24-12	03296128
12V	38Ah	197	165	170	170	14.2kg	NB3	NP38-12	03296152
12V	65Ah	350	166	174	174	23.0kg	NB3	NP65-12	03296176

DEEP CYCLE BATTERIES

CENTURY DEEP CYCLE GEL BATTERY



The Century Gel Deep Cycle Range incorporates advanced Gel electrolyte technology which holds the battery plates in an immobilised gel. Specialist hard wearing internal components and strong grid designs combine to provide excellent vibration resistance, superior deep cycle performance and repeated deep discharge and recharge capabilities. They are ideal for use in recreational vehicles and accessories, electric powered vehicles, mobility scooters, wheel chairs and marine applications.

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Weight (kg)	Terminal Type	Model	Code
12V	40Ah	198	166	171	171	13.2kg	M6 insert	C12-40DG	03296520
12V	55Ah	229	138	235	235	18.0kg	M6 insert	C12-55DG	03296530
12V	75Ah	260	169	210	235	23.5kg	M6 insert	C12-75DG	03296550

CENTURY DEEP CYCLE AGM BATTERY



Century Deep Cycle AGM batteries are ideal for use in applications where fast recharge, and superior deep cycle capabilities are required, such as recreational vehicles and accessories, dual battery systems, golf carts, electric wheel chairs, mobility scooters and marine systems.

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Weight (kg)	Terminal Type	Model	Code
12V	75Ah	260	169	210	235	23.5kg	M6 insert	C12-75DA	3296610
12V	55Ah	229	138	210	235	18.0kg	M6 insert	C12-55DA	3296600
12V	270Ah	520	268	220	225	74.0kg	M8 insert	C12-270DA	3296670
12V	165Ah	530	209	214	219	53.0kg	M8 insert	C12-165DA	3296660
12V	140Ah	340	173	280	285	41.5kg	M8 insert	C12-140DA	3296650
12V	125Ah	407	177	225	225	35.0kg	M8 insert	C12-125DA	3296640
12V	120Ah	328	172	222	222	32.0kg	M8 insert	C12-120DA	3296630
12V	100Ah	306.5	168.5	210	235	29.0kg	M8 insert	C12-105DA	3296620

12V AGM DEEP CYCLE SLA BATTERY



Power-Sonic deep cycle PDC range is purpose built for those applications which require regular and consistent cycling (charge and dis-charge) . Commonly called deep cycling the oversized negative plates and a specialised paste formulation of the PDC can provide constant power for longer periods of time without shortening the life of the battery.

- Absorbent Glass Mat (AGM) technology for superior performance
- Valve regulated, spill proof construction for safe operation in any position
- Oversize negative plates and a specialized paste formulation for true deep cycle performance
- Special additives in the paste ensure superior performance in deep discharge situations
- Power/volume ratio yielding unrivalled energy density
- Rugged impact resistant ABS case and cover (UL94-HB)
- Approved for transport by air. D.O.T., I.A.T.A., F.A.A. and C.A.B. certified
- L. certified

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Terminal Type	Model	Code
12V	14Ah	151	98	95	101	F2	PDC12140	3296207
12V	21Ah	182	77	164	167	NB	PDC12220	3296210
12V	28Ah	167	175	125	125	NB2	PDC12260	3296212
12V	35Ah	195	130	164	180	NB	PDC12350	3296214
12V	48Ah	197	165	164	170	T6	PDC12480	3296216
12V	59Ah	228	137	210	230	U	PDC12600	3296218
12V	80Ah	259	168	208	214	U	PDC12800	3296220

Voltage	Capacity	Length (mm)	Width (mm)	Height (mm)	Height w/ Terminal	Terminal Type	Model	Code
12V	105Ah	305	168	210	229	U	PDC121050	3296222
12V	125Ah	330	173	212	220	T11	PDC121250	3296224
12V	128Ah	410	177	225	225	T11	PDC121300	3296226
12V	160Ah	485	170	240	240	T11	PDC121600	3296228
12V	200Ah	522	240	218	224	T11	PDC122000	3296230
12V	268Ah	522	268	220	226	T11	PDC122500	3296232

TELEPHONE BATTERIES

REPLACEMENT RECHARGEABLE PHONE BATTERY



Type	Voltage	Capacity	Tags	Model	Code
Ni-Cd	3.6V	400mAh	Telstra (ML Type)	CTB10	2571319
Ni-Cd	3.6V	400mAh	Panasonic (MS Type)	CTB07	2571318
Ni-Cd	3.6V	400mAh	Various (Solder tags)	CTB21	2571317
Ni-Cd	3.6V	1000mAh	Panasonic (MS Type)	CTB59	2571324
Ni-MH	1.2V	600mAh	2x AAA batteries	60AAAHCC2	2571810
Ni-MH	2.4V	600mAh	Kirk DECT (MN Type)	CTB100	2571379
Ni-MH	2.4V	650mAh	Uniden (MS Type)	CTB97	2571366
Ni-MH	2.4V	650mAh	Uniden (MJ Type)	CTB96	2571373
Ni-MH	2.4V	800mAh	Uniden (MS Type)	CTB72	2571342
Ni-MH	2.4V	910mAh	Panasonic (Slot in)	CTB79	2571364
Ni-MH	2.4V	1600mAh	Panasonic	CTB60	2571376
Ni-MH	3.6V	1500mAh	Panasonic (MS Type)	CTB44	2571341
Ni-MH	3.6V	280mAh	Omni (MS Type)	CTB42	2571344

Type	Voltage	Capacity	Tags	Model	Code
Ni-MH	3.6V	600mAh	Uniden (Slot in)	CTB48	2571346
Ni-MH	3.6V	600mAh	Audioline (ML Type)	CTB53	2571322
Ni-MH	3.6V	600mAh	Audioline	CTB52	2571370
Ni-MH	3.6V	600mAh	Panasonic (MS Type)	CTB81	2571321
Ni-MH	3.6V	600mAh	Audioline (MJ Type)	CTB69	2571330
Ni-MH	3.6V	650mAh	(MN Type)	CTB65	2571378
Ni-MH	3.6V	650mAh	Audioline (MA Type)	CTB45	2571323
Ni-MH	3.6V	650mAh	Panasonic (MS Type)	CTB66	2571325
Ni-MH	3.6V	650mAh	Uniden (ML Type)	CTB47	2571339
Ni-MH	3.6V	700mAh	LG (MC Type)	CTB68	2571329
Ni-MH	3.6V	800mAh	Panasonic (Slot in)	CTB98	2571367
Ni-MH	3.6V	850mAh	Uniden (MS Type)	CTB73	2571358
Ni-MH	3.6V	850mAh	Panasonic (Slot in)	CTB78	2571361

SPECIAL BATTERIES

HEARING AID BATTERY

DURACELL



While there are some rare instances that a hearing aid uses a rechargeable battery or a long-life disposable battery, the majority of hearing aids use one of five standard Button Cell Zinc-air batteries. These types are typically referred to by their common number name or the colour of their packaging.

- These batteries all operate at 1.35 Volts

10/PR70	6 Pk	DA10B6	02490995
13/PR48	6 Pk	DA13B6	02491001
675/PR44	6 Pk	DA675B6	02491032

6-PACK HEARING AID BATTERY

GP



- Typical battery lifetimes run between 1 and 14 days
- Voltage: 1.3V

10/PR70	6 Pk	ZA10B6	02491497
675/PR44	6 Pk	ZA675B6	02491510
13/PR48	6 Pk	ZA13B6	02491501
312/PR41	6 Pk	ZA312B6	02491505

ALKALINE BATTERY

GP



Type	Voltage	Capacity	Model	Code
29A	9V	18mAh	29A	02496012
LR44	6V	105mAh	476A	02495996
11A	6V	38mAh	11A	02495990
27A	12V	18mAh	27A	02496015
23AE	12V	33mAh	23AEGP	02496001

12V ALKALINE BATTERY

HW



- For Lighters and Remote Controllers

Type	Capacity	Size (ØxH)	Model	Code
27A	7.6Ah	Ø8.0 x 28mm	27AHW	02496017
23A	60mAh	Ø10.3 x 28.5mm	23AHW	02496006

DRILL BATTERIES

7.2V 2,000MAH DRILL BATTERY

PowerCell



- Drill Battery
- Voltage: 7.2V
- Capacity: 2000mAh

TBMAK1 02578244

9.6V 2,000MAH DRILL BATTERY

PowerCell



- Drill Battery
- Voltage: 9.6V
- Capacity: 2000mAh

TBMAK2 02578246

18V 2,000MAH DRILL BATTERY

PowerCell



- Drill Battery
- Voltage: 18V
- Capacity: 2000mAh

TBDEW5 02578262

6V 2,200MAH DRILL BATTERY

PowerCell



- Drill Battery
- Voltage: 6V
- Capacity: 2200mAh

TBPAS2 02578266

14.4V 2,200MAH DRILL BATTERY

PowerCell



- Drill Battery
- Voltage: 14.4V
- Capacity: 2200mAh

TBHIT3 02578272

18V 2,200MAH DRILL BATTERY

PowerCell

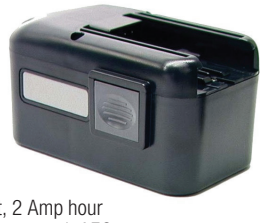


- Drill Battery
- Voltage: 18V
- Capacity: 2200mAh

TBHIT4 02578274

18V, 2AH DRILL BATTERY FOR AEG

PowerCell



The TBAEG06 18 volt, 2 Amp hour replacement drill battery to suit AEG.

- Voltage - 18V
- Trade quality
- Fast charge - high rate discharge
- NiCd - Nickel Cadmium
- 12 Month Warranty

TBAEG06 02578425

PORTABLE CHARGER

6,700MAH COMPACT POWER BANK

tp-link



Premium LG Battery Cell.

- High energy efficiency rate
- 5V/2.4A ultra fast charge and recharge speed
- Incorporates latest safety features to protect your devices

PBG6700 43075781

10,400MAH POWER BANK DUAL USB

tp-link



- Dual USB ports
- 500 recharge cycles over the life of the battery
- Built-in flashlight comes in handy for in-house and off-road activities

PB10400 43075785

15,600MAH POWER BANK DUAL USB

tp-link



Superior LG Battery Cell.

- 15,600mAh ultra high capacity
- Dual flexible output ports
- Ultra fast charging and recharging speed

PB15600 43075788

20,100MAH POWER BANK DUAL USB



tp-link

- 20,100mAh extra capacity
- Dual flexible output ports
- LED flashlight

PB20100 43075789

CHARGERS & TESTERS

SMART SLA BATTERY CHARGER 12V



- Short circuit protection
- Fan cooled
- Voltage compensation
- Overheat protection
- Polarity reversal protection
- Faulty battery indicator

MB3625 03610020

AUTO BATTERY CHARGERS

ARLEC a World of Innovation



Suitable for charging typically small to medium automotive and sealed lead-acid batteries.

- Alligator clips
- Non-analogue models have a simple 3 LED charge status indicator

6V/12V	2.5A	Analog	BC228	03610701
12V	2.5A	LED	BC581	03610960
12V	4A	Analog	BC906	03610974
12V	4.5A	LED	BC588	03610970

SLA BATTERY CHARGER 12V 24V



Suitable for wet, sealed and gel type batteries.

- 7.2A for 12 Volt and 3.6A for 24 Volt batteries
- 9 stage charging

MB3613 03610979

AUTOMATIC SLA BATTERY CHARGER



6V, 12V and 24V charging.

- Short circuit and reverse polarity protection
- Automatic cutout and voltage detection
- Will not charge a completely flat battery

MB3527 03610999

12V SLA BATTERY CHARGER



- SLA Battery Charger
- Voltage: 12V
- Capacity: 1 Amp

PS664N 03611017

6V/12V DC TRICKLE CHARGER



- SLA Battery Charger
- Voltage: 6V 12V
- Capacity: 800mAh

PS665 03611019

12V 1.5W SOLAR TRICKLE CHARGER

POWERTECH



Trickle charge to compensate for natural battery discharge.

- Use with any rechargeable 12V battery
- Dash/Windshield mount (suction cups supplied)
- Power Rating: 1.5W (±5%)

MB3504 03611021

SLA BATTERY CHARGER 1.5A 6V/12V



3 Stage charger.

- 6V/12V Battery
- 1.5A

MB3609 03611022

SMART SLA BATTERY CHARGER



- The microprocessor controlled unit provides 4 stages of charging, Soft Start, Bulk Charge, Absorption and Float
- Memory function
- Temperature controlled fan
- LED battery status display
- Temperature and voltage compensation

MB3623 03611026

SLA BATTERY CHARGER 4A 6V/12V



4-stage charging.

- 6V/12V DC
- Up to 4A

MB3611 03611029

DC TO DC CHARGER DUAL BATTERY

CTEK®



The CTEK D250S DUAL is a fully automatic 5-stage DC-DC charger that supplies 20A to 12V batteries from 40Ah - 300Ah.

- Connect up to 2 DC energy sources
- The D250S dual selects the optimum source
- Built Temperature Sensor
- DIY – no need for heavy gauge wiring solar regulators or VSR

D250S 03611042

UNIVERSAL BATTERY DOCTOR

REZAP



- 5-In-1 Multi Chemistry Charger
- Fully Automatic – No switches, no buttons, no selection, no fuss, no mistakes
- All In One – It recharges most household battery sizes – (AAAA, AAA, AA, C, D, N, 6V, 9V and prismatic formats)
- Green Product – Reducing battery waste is a big plus for the environment

LCD883 03611050

ENELOOP 10HR STANDARD CHARGER

Panasonic



Panasonic standard eneloop battery charger.

- 240V AC input via wall mount input plug
- Charges 2 or 4 AA or AAA Eneloop cells
- Can charge AA cells up to 2700mAh capacity
- Includes 4x Panasonic Eneloop AA batteries

KKJ51MCC4TA 03611400

ENELOOP 2HR QUICK CHARGER

Panasonic



Panasonic Eneloop Quick charger.

- Charges 1-4 AA/AAA Ni-MH cells
- World voltage auto detect 100-240V AC
- 4 LED Individual battery control
- Includes 4x eneloop AA cells

KKJ55MCC4TA 03611440

10X AA/AAA NICD NI-MH CHARGER



- Charging Current: Fast charge 250mA / Tickle charge 25mA
- Battery Type: NiCd/Ni-MH Battery
- Battery Size: AAA, AA, 9V

BCC10 03614685

UNIVERSAL BATTERY CHARGER

POWERTECH



- Quick charge
- USB output
- Intuitive LCD display
- LED indicators (various modes)

MB3555 03614686

NICD / NI-MH BATTERY CHARGER



Recharges: AAA, AA, C, D and 9V batteries.

- Cut-off function
- Accepts various combinations of batteries

MB3514 03614691

UNIVERSAL BATTERY CHARGER

PICO life



- 1-2 pieces rechargeable 3.6V round cells
- MP3 / MP4 batteries
- 1-2 pieces rechargeable Ni-Mh/NiCd AA/AAA cells,
- Rechargeable 9V Ni-Mh battery for camcorder and digital cameras
- LCD battery charging indicator
- USB port for charging mobile devices
- Car and mains lead included

PW2001 03614700

USB CHARGER FOR 18650 BATTERY

Camelion





18650 lithium battery charger.

- Two independent charging channels
- Suits flat and high top 18650 batteries
- Reverse polarity protection
- Overcharge protection
- Short circuit protection
- Charging indicators

CABC305 03614730

AA / AAA TRAVELLING CHARGER

Camelion



Slim travel charger.

- Four individual charging bays
- Suits Ni-MH or NiCd
- Auto current selection for AA/AAA
- Trickle charge
- Six level protection

CABC0668UF 03614745

12V 24V SOLAR CONTROLLER

POWERTECH



Suited to most applications especially extreme outdoor environments where corrosion, dust and water ingress are prevalent.

- High efficient PWM charging
- 12/24V DC Automatic
- IP Rating: IP67

20A	MP3758	03617081
10A	MP3756	03617083

12V 24V 30A SOLAR CONTROLLER

POWERTECH



- Auto Input Detect
- High efficiency
- LCD Backlit display
- Dual Timer

MP3754 03617085

12V 20AMP SOLAR REGULATOR

Manson®



The SBC-7100 Series PV charge controller is designed for use with all types of photovoltaic panels and different types of batteries, such as wet or sealed lead acid, lead calcium, lead antimony battery.

- User adjustable charging voltages between 12.0 to 16.5V
- Suitable for most types of heavy-duty 12V battery
- Microprocessor control PWM and 3 stage charging algorithms
- Bulk, Absorption & Float Charge status on LCD Display
- Ampere Hour logging read outs in 3 sets, today and last 2 days
- Electronic Overcharge Protection & Back Current Blocking to PV panel
- Over Temperature Protection of PV Charge Controller's electronic circuit

SBC7120 03617095

12V 24V 15A SOLAR REGULATOR

POWERTECH



- High efficiency MPPT circuit
- USB charging port
- LCD display
- Automatic charge management
- Overcharge, overcurrent & under voltage protection

MP3739 03617098

12V 5A SLA BATTERY CHARGER

Manson®



This compact, robust and light weight battery charger gives a complete and fast charge to sealed and wet type of lead acid battery.

- 3 Stage (IUOU) Switching Mode Lead Acid Battery Charger
- Selectable Bulk Absorption-Float Charge settings for Sealed & Wet battery
- LED indicators for charging and Full/Float mode
- Wide Input Tolerance for fluctuating mains voltage

SBC2105 03617100

12V LEAD ACID BATTERY CHARGER

Manson®



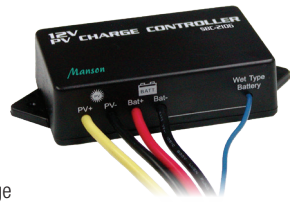
12V 5A battery charger.

- 3 stage with PWM in absorption and energy saving float charge
- Selection for car/motorbike/ cold weather
- Charger self check and battery check with repair charging
- Suitable for sealed & wet type 5-120Ah lead acid battery

SBC8168 03617102

12V 6A PV CHARGE CONTROLLER

Manson®



This series of low powered and cost effective PV Charge Controller is designed for trouble free application in remote high humid environment.

- Compact size
- Simple to use
- Electronic Blocking of reverse current to PV module
- Sealed and Wet type battery connection
- Water resistant
- Night Light Mode DC output for L version

SBC2106L 03617108

CAR BATTERY MONITOR



Displays the car's battery voltage and inside temperature.

- Celsius or Fahrenheit temperature display
- 12V DC

XC0117 03692016

UNIVERSAL BATTERY TESTER



- Tests CR-V3/2CR5/CR-P2/ 9V, 3V & 1.5V button cells

BT50 03692018

12V SLA BATTERY TESTER

Provides a quick and easy verification of battery condition for 12 Volt sealed lead acid (SLA), wet cells, gel cell and AGM batteries.



- Voltage display
- Three status LEDs
- Reverse polarity protection
- Capacity selection 5Ah-80Ah
- One-touch load testing
- Powered by battery being tested

Q3215 03692020

DIGITAL SLA BATTERY ANALYSER

A must have for vehicle servicing.



- Suits lead acid batteries of all types including SLA and deep cycle
- Includes rubber holster
- No battery required
- Quick and accurate measurement of battery health

Q2120 03692022

CRANKING SLA BATTERY TESTER

6-30V DC.



- Quickly test for cold cranking amps capability
- Identifies bad cells and has reverse polarity protection

QP2261 03692025

BATTERY ORGANISER WITH TESTER



Holds 8x D, 10x C, 25x AA, 10x AAA and 8 x 9V batteries.

- Tester included

QP2312 03692028

NI-MH/CD 4X AA/AAA CHARGER

DOSS®



Ni-MH/CD 4X AA/AAA Battery Charger.

- With USB output port
- 4 Modes: Test, Discharge, Refresh & Charge
- Max. capacity for batteries: 3,000mAh

BC2S 03692030

DUAL OUTPUT BATTERY CHARGER

DOSS®



Dual output battery charger for Li-Ion, NiMH or NiCd batteries.

- Charge function, capacity test function, internal resistance test function
- Reverse charging protection
- Backlight LCD display

BC4L 03692032

12V 24V BATTERY TESTER

POWERTECH



- Simply connect and read
- Suitable for 12 and 24V car batteries, sealed lead acid batteries, and other high-capacity batteries
- Voltage Range: 11-17V DC / 22-30V DC

QP2263 03692034

BATTERY BOX WITH VOLT METER

POWERTECH



Portable battery storage box with multiple connection points and built-in functions.

- Suits batteries up to 325(W) x 200(H) x 185(D)mm
- Twin output sockets and USB charge sockets
- Built-in digital voltmeter and circuit breaker

HB8502 03692040

CONVERTERS

AA TO C & D BATTERY CONVERTERS

REZAP



- Convenience - one size fits all, no more hunting around for different size batteries for different devices
- Easy to use - snap a battery in and out of the case in seconds and you're ready to go
- Reduce weight - AA battery plus converter weighs less than a C or D size battery

RBC301 03570010

HOLDERS

PCB BATTERY HOLDER



- Nickel plated terminals

3V	BH800	03538050
9V	BH9VPC	03538031

BATTERY HOLDER



1x	AA	Solder terminals	31ED	03536096
2x	AA	Snap terminals	32EB	03536112
4x	AA	Solder terminals	343A	03536176
4x	AA	Snap terminals	34EA	03536130
4x	AA	Snap terminals	34EHB	03536144
6x	AA	Snap terminals	36EHB	03536192
10x	AA	Snap terminals	3103B	03536224
10x	AA	Bare wire lead	3103BLW	03536226
4x	C	Solder terminals	24ED	03536080
2x	D	Bare wire lead	PH9220	03536006
4x	D	Snap terminals	14ED	03536032
2x	18650	Solder terminals	PH9207	03536004
1x	18650	Bare wire lead	PH9205	03536002

9V BATTERY HARNESS / HOLDER



- Clip on "I" type battery harness for 9V (216/006P) batteries or battery holders.

LIC601	03538001	

7AH 12V SLA BATTERY CASE BAG



SC006 battery carry bag.

- Carry on shoulder or belt
- Suits 7Ah 12V Batteries
- Includes 12V Cigarette socket to battery terminals lead

SC006	03538080	

ELECTRICAL

MAINS PLUGS & SOCKETS

HIGH TEMP IEC-C15 LINE SOCKET



- 3-pin I.E.C. line mains plug with keyway, for hot appliances: kettles, jugs etc.
- Suits 3x 32/0.2mm cable
- Rated: 10Amp 250V AC

IECHTC15	11500301	

IEC IN-LINE MAINS CONNECTOR



- Rated up to 250V AC / 10A
- Safety approved number NSW21510
- Available as Socket or Plug

Plug	PP4007	11500330
Socket	PS4006	11500320

PANEL MOUNT IEC CONNECTOR



- 3-contact
- 40mm mounting holes

6 Amps	Plug	570IEC	11500570
10 Amps	Socket	550IEC	11500560

IEC PLUG & SOCKET PANEL MOUNT



- 3-pin IEC plug and socket
- Snap in
- Panel Mount

560IEC	11500565	

IEC PLUG WITH FUSE PANEL MOUNT



- Fuse holder holds M205 type fuse, and also a spare
- 6A @ 240V AC

590IEC	11500624	

IEC 15A PLUG

SCHURTER ELECTRONIC COMPONENTS



Rewireable connector with internal screw grip cable clamping and strain relief.

- Screw-on mounting
- Voltage Rating: 250V AC
- Current Rating: 16A
- Approvals VDE, UL, CCC

IEC-C20	11500630	

3-PIN PLUG TOP WHITE FIG8 HPM

HPM



Soft flexible PVC with moulded entry to suit 2x 24/0.20mm Fig. 8 cable.

- Rated: 10 Amp 240 Volts AC
- White

○	CD100/8WE	11651200

3-PIN QUICK CONNECT PLUG

HPM



- Plug top 3-pin flat
- Suits round cable
- 10A 240V AC
- Colour: White
- Packaged in a carded display pack

D90WE	11653016	

3 PIN 10A PVC PLUG TOPS

HPM



3-pin flat, with lock nut, 8mm cable entry. Suits 3x 32/0.2mm round cable.

- Rated: 10A 240V AC

○	CD100LWE	11653044
●	CD100LBL	11653042
●	CD100LGY	11653045
●	CD100LCL	11653046

3-PIN 15A PLUG TOP CLEAR

HPM



Plug top 3-pin flat, lock nut, 10mm entry. With thick earth pin to suit 15A outlets Suits round cable.

- Rated: 15A 240V AC
- Colour: Clear

CD100L15CL	11653047	

3-PIN FLAT / RIGHT-ANGLE PLUG

HPM



- Side entry
- Low profile
- Suits round cable

○	CD106/1WE	11653067
●	CD106/1GY	11653068
●	106/1BL	11653070

3-PIN FLAT PLUG TOP TRANSPARENT

CLIPSAL



Clipsal 3-pin flat top clear plug with side entry.

- Low profile design

	418UATR	11653075

3-PIN MAINS PLUG SUIT FIG-8 CORD

tetech



Suitable for use with 2-core 0.75mm² and 1.0mm² ordinary duty flexible cord.

- Insulated pins

●	DIY2408BG	11655007
●	DIY2408BB	11655005
○	DIY2408BW	11655010

EXTENSION LEAD SOCKETS

HPM



- 3-pin flat with lock nut
- Suits round cable
- 240V AC

●	10A	CD7PGY	11803001
●	10A	CD7PCL	11803003
●	15A	CD7P15CL	11803004

3-PIN SURFACE MOUNT POWER

HPM



- Surface base socket, 3-pin flat
- Rated: 10A 240V
- Colour: White

	CD35WE	11806049

SURFACE MOUNT SOCKET

CLIPSAL

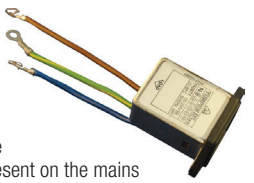


- 250V 10A
- 3-pin
- Terminal bores accommodate 4x4mm² cables, one looping terminal (supplied
- Complete with 413NP)
- Size: 66x66x46mm
- Mounting centre: 50mm apart

	PDL51M/B	11806060

10 AMP IEC RIGHT-ANGLE EMI FILTER

YUNPEN



Filters 240V AC mains, by eliminating EMI noise usually generated by the power cord, or noise present on the mains before it is feed into power supply of the equipment (it will not suppress high voltage spikes or lightning or regulate the voltage).

Barewire leads	YA10W	12350230
Faston terminals	YA10T1	12350235
Solder lugs	YA10T3	12350240

TWO-STAGE EMI FILTER

YUNPEN

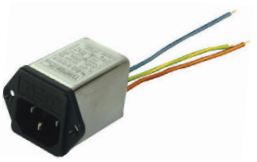


- FASTON lug connections
- High performance

10A	YC10T1L2	12350310
20A	YE20T1L2	12350335

10 AMP IEC MAINS EMI FILTER WITH FUSE

YUNPEN



- Straight-through with bare leads

Barewire leads	YL10W	12350390
Faston terminals	YL2F10T1	12350395

POWERPOINTS & SWITCHES

CORD IN-LINE SWITCH

HPM



Double pole in-line switch for flat or round cable.

- 2-3-core with dual reversible cable clamp
- Rated: 240V AC / 10A

○	D5MWE	11951058
●	D5MBL	11951060

WEATHER PROOF POWERPOINT

HPM



On/Off switch. 3-pin socket with spring loaded protection plate.

- 70mm mounting centres
- Rated: 10 Amp 240 Volts AC

	DWS40	11952501

ARCHITRAVE LIGHT SWITCH

HPM



Flush mounting switch, with snap on "Excel" white cover plate.

- Size: 84x35mm
- Rated: 10 Amp 240 Volts AC
- Finish: White

Single	CDXLA770/1WEWE	11953302
Double	CDXLA770/2WEWE	11953306

LIGHT SWITCHES

HPM



Single or dual gang switches.

- Rated: 10A @ 240V

Single	CDXL770/1WEWE	11953310
Double	CDXL770/2WEWE	11953320

MECHANICAL ROCKER SWITCH & DOT

HPM



Fits all HPM Standard, Excel, Linea and Architectural Metal plates.

- Ø21mm x 17mm deep from back of standard plate
- Rated: 10 Amp
- Black body

10 AMP SWITCH MECHANISM

CLIPSAL



- 1-way/2-way
- Terminal bores of Ø4.1mm
- Accommodate 4 x 1.5mm² or 3 x 2.5mm² cables
- Body fits Ø22mm hole
- M rating is 100

	30MWE	11953394

ELECTRONIC TOUCH SWITCH

HPM



- One touch On and Off
- Red LED On/Off status indication
- Max. 1200VA load
- Secondary control button (450S) is available for multi-way switching
- Up to 6 can be fitted onto a standard plate size

	D883MWE	11953395

FLUSH MOUNT GPO

HPM



- Suits all standard mounting blocks, brackets & clips
- 10 Amp Rated

1 outlet	CDXL787WEWE	11953455
2 outlets	CDXL777WEWE	11953415
4 outlets	CDXL7774WE	11953412

ACRYLIC GANG SWITCH PLATES

DOSS®



- 74mm x 115mm
- White - Acrylic finish

1-Gang	ASW1	11953490
2-Gang	ASW2	11953492
3-Gang	ASW3	11953494
4-Gang	ASW4	11953496

ACRYLIC PLATE POWERPOINT

DOSS®



Individually switched double powerpoint.

- 74x115mm
- White - Acrylic finish

	A2GPO	11953498

SOLID MOUNTING BLOCK

DOSS®



- Material: ABS/PC
- Size: 120x75x36mm

	SMB36	11953500

DUAL GPO WITH 2 USB SOCKETS

Jackson™



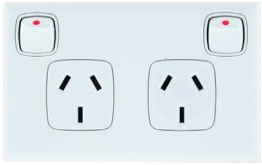
Ideal for charging iPod, iPhone, iPad, Mobile phones, MP3 players, GPS units and many more devices.

- Standard wall-plate size to replace existing powerpoints
- USB X 2 Outlets 5V DC 2A

	PT9822	11953537

DOUBLE POWERPOINT DOUBLE POLE

HPM



Double pole double powerpoints.

- Plate size: 114 x 70mm
- Mounting centres: 84mm

2 outlets	777PWE	11953620

HORIZONTAL WHITE GPO

CLIPSAL

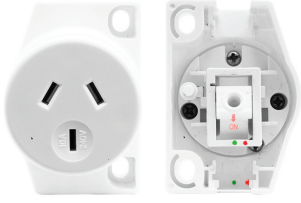


- 250V 10A
- Size: 116x76x28mm
- Mounting centres: 84mm

1 outlet	2015WE	11953630
2 outlets	2025WE	11953635

FAST WIRING SURFACE SOCKET

TRANSCO



The TransFast Patented cable connection system for the first time takes away the need to cut, strip, or screw when making an electrical connection. Instead the user will get a perfect seven strand connection and a 45kg (plus) breaking strain connection every time.

- Instant connection
- No stripping, no twisting no screwing
- Simply insert cable and pull lever
- Easier & more secure
- Green conduct

1.5mm² flat cable	SSF1.5	11953640
2.5mm² flat cable	SSF2.5	11953645

WEATHER-PROOF POWERPOINT

TRANSCO



The only flush fit double powerpoint that is IP66 (with door closed) and IP54 (with door open).

- Neoprene long life rocker cover
- Gasket seal for smooth surfaces
- Safety shutters for weather proofing & dust protection
- Ideal for home modification of bathrooms that require an expanded wet area (approval # N23737)
- UV stabilized, ideal for outdoor living areas

○	P2WP/SL	11953650
	P2WP/SLC	11953655

IP66 OUTDOOR WEATHERPROOF SWITCH

TRANSCO



- Weatherproof and dust proof IP66
- UV stabilised and food industry chemical resistant
- Gasket sealed for smooth surfaces
- Flush mounted using standard 84mm fittings (using plaster or brackets), or
- Using weatherproof mounting block, or
- Recessing inside a weatherproof enclosure

1-way	S1WP	11953660
2-way	S2WP	11953662
4-way	S4WP	11953664

IP53 OUTDOOR WEATHERPROOF POWERPOINT

TRANSCO



- Weatherproof and dust proof IP53
- Single pole (NOT suitable for caravan and camper van, marine vehicles etc.)
- Surface mount
- UV stabilised and food industry chemical resistant

Single	P1WP	11953666
Double	P2WP	11953668

SUPER SLIM SINGLE POWERPOINT



Suits all standard mounting blocks, brackets & clips.

- 10 Amp Rated
- Ultra Thin: 2mm

Single	P1W	11953670
Double	P2W	11953671

SUPER SLIM LIGHT SWITCH



The wafer range fits off to standard plaster clip or bracket no need for expense recessed mounting accessories. The Transco Wafer Series is the thinnest profile in the market, and the only retro-fittable.

- 10 Amp rated
- Thin edge: 2mm

1-gang	S1W	11953675
2-gang	S2W	11953676
3-gang	S3W	11953677
4-gang	S4W	11953678
5-gang	S5W	11953679
6-gang	S6W	11953680

SUPER SLIM ARCHITRAVE SWITCH



Suits all standard mounting blocks, brackets and clips.

- 10 Amp rated
- Thin edge: 2mm

1-gang	AS1W	11953690
2-gang	AS2W	11953691

LAMP HOLDERS

SWITCHED BC LAMP HOLDER



- Lampholder with push bar switch Flanged BC
- With cord grip or screw on ferrule mount

CD310WE 11202184

SAFETY BC LAMP HOLDER



- B.C. Lampholder with long shield
- Not live until globe is inserted
- Voltage: 240V AC

CD332WE 11202202

STANDARD BC BATTEN LAMP HOLDER



- For wall or ceiling mount
- Voltage: 240V AC

CD366WE 11202257

MAINS ACCESSORIES

ENCLOSED TERMINAL BOX



HPM 413LA Terminal Box.

- For Telecommunication installs
- Size: 37x68x22mm
- 3 Terminal 30A

413LA 11050740

30A MINIATURE JUNCTION BOX



Easy wiring miniature size junction box with 3 x 30A connectors.

- Size: 37x68x22mm
- White
- Rated: 30A 415V AC

CD413 11050750

IP66 ELECTRICAL SAFETY CAP

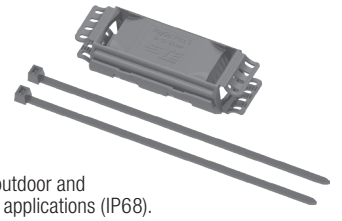


Watertight cap for electrical cords.

- IP66

ZAPCAP 11050760

IP68 RAYGEL FILLED CABLE JOINT



Suitable for outdoor and direct-buried applications (IP68).

- Accommodates 1.5mm² to 2.5mm² cable diameter, so standard lighting cable 1.5mm² and power 2.5mm²
- Ideal for joining cables around the garden

CH6879-000 11050770

IP68 RAYGEL FILLED CABLE JOINT



Suitable for outdoor and direct-buried applications (IP68).

- Accommodates 1.5mm² to 6mm² cable diameter, so standard lighting cable 1.5mm² and power 2.5mm²
- Ideal for branching or splitting cables around the garden

CH6881-000 11050775

40A STANDARD JUNCTION BOX



Easy wiring standard size junction box with 4x 40A connectors.

- Size: 68x68x38mm
- Rated: 40A 415V AC
- Includes: 3 x 1 screw terminals & 1 x 2 screw terminal

CD404 11050801

50A GIANT JUNCTION BOX



Easy wiring giant size junction box with 4 x 50A connectors.

- Size: 68x89x44mm
- Rated: 40A 415V AC
- Includes: 3 x 1 screw terminals & 1 x 2 screw terminal

CD406 11050850

IP44 OUTDOOR MAINS PROTECTOR



- Protects Mains Plug and Socket
- IP44 Waterproof Rating
- Suitable Cable: 6.5mm - 9.0mm Diameter

	HB6172	11080770

SURFACE MOUNTING BLOCK

HPM

For mounting standard size wall plates.



13mm	CD137WE	11350902
34mm	CD140WE	11350918

SURFACE MOUNTING BLOCK

For mounting standard size wall plates.



35mm	MB001WH	11350924
17mm	MB002WH	11350909

RECESSED WALL POINT 1-GANG



RECWP1WH single-gang recessed wall point is designed to be installed in locations behind cabinets, bedside tables, plasma and LCD TVs, fridges, washing machines and other appliances where plugs may protrude too far.

- Easy to install
- Includes metal bracket
- Compatible with all major brands of wall outlets, e.g. Clipsal, HPM, PDL etc. (does not include wall outlet itself)
- High quality heat resistant plastic
- Suitable for use in 70mm & 90mm wall cavities

	RECWP1WH	11350925

JOIST MOUNTING BRACKET

With right angle plate for nailing to joists.

- Pre-drilled for fixing to wall panels
- 129x73mm & 37x73mm mounting corners



	143MB	11350990

GYPROCK / PLASTER MOUNTING BRACKET



Mounting clip to suit standard plate with mounting centres of 84 or 50mm.

- Suits 12.7mm thick plasterboard / Gyprock

20-Pack	712MC-BULK	11351010
Single	712MC-EACH	11351004

TRAVEL ADAPTORS

AUST. TO UK TRAVEL ADAPTOR

KORJO Travel Accessories



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAUK	10570400

DUAL AUST. TO SINGLE UK

KORJO Travel Accessories



Australian to UK travel adaptor.

- Dual Australian sockets to European plug
- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAUKDA	10570402

AUST. TO SOUTH AFRICA ADAPTOR

KORJO Travel Accessories



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KASI	10570404

AUST. TO JAPAN TRAVEL ADAPTOR

KORJO Travel Accessories



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	JA06	10570408

AUST. TO EUROPE TRAVEL ADAPTOR

KORJO Travel Accessories



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAEU	10570412

DUAL AUST. TO SINGLE EURO

KORJO Travel Accessories



Australian to European travel adaptor.

- Dual Australian sockets to European plug
- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAEUDA	10570414

AUST. TO INDIA TRAVEL ADAPTOR

KORJO Travel Accessories



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAIN	10570418

AUST. TO USA TRAVEL ADAPTOR



- For use with Australian/NZ appliances overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAUS	10570424
(No Packaging)	KAUS-REF	10570498

DUAL AUST. TO SINGLE USA



Australian to USA travel adaptor.

- Dual Australian sockets to USA plug
- For Use With Australian/NZ Appliances Overseas
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KAUSDA	10570426

USA, UK JAPAN TO AUST. ADAPTOR



- This adaptor allows 2 and 3-pin European plugs, and USA and Japanese plugs to be used in Australia and New Zealand
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	AA02	10570428

EUROPE & USA TO AUST. ADAPTOR



- This adaptor allows 2 and 3-pin European plugs (NOT UK), and USA and Japanese plugs to be used in Australia and New Zealand
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	AA01	10570430

INDIA & SOUTH AFRICA ADAPTOR



- Adapts appliances from India (both large and small pins) and South Africa for use in Australia/NZ sockets
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	AA08	10570434

UNIVERSAL AUSSIE ADAPTOR



- Allows appliances from all over the world (except South Africa/ India) to be used in Australia/New Zealand
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	MR02	10570437

AUSTRALIAN TRAVELLERS 3-PACK



- This value pack combines the USA, UK and European plugs for almost global coverage
- Korjo adaptors are the smallest, smartest & safest
- Approved by: Australian Electrical Authorities

	KASET	10570440

INTERCHANGEABLE WORLDWIDE PLUG



USB04
Interchangeable world wide plug adaptor with 4 USB outputs.

	USB04	10570444

UNIVERSAL TRAVEL ADAPTER



Universal adapter for overseas appliances used in Australia and New Zealand.

- USB charging ports
- Surge protected
- Lightweight

	STV802	10570455

DOUBLE AUST. TO SINGLE TRAVEL ADAPTER



Double Aust and NZ sockets to single plug.

- Surge protected

AU to EU	STV2010	10570458
AU to UK	STV2011	10570459
AU to USA + CA	STV2009	10570457

2 PORT USB AND POWER ADAPTOR



Portable 2x USB and power adaptor.

- 2x USB outlets
- KAUSK adaptor
- Charge USB devices and power electrical appliance at the same time

USA to AU	USB2X2US	10570474
UK to AU	USB2X2UK	10570478
EU to AU	USB2X2EU	10570482
AU	USB2X2AU	10570470

TRAVEL ADAPTOR WITH USB & SURGE PROTECTION



- USB charging outlet: 5V DC / 1A
- Light weight
- Charges most iPad/ iPhone/iPod, Portable GPS, Bluetooth devices, and MP3 Players
- Surge protected: 175J

EU + USA to AU	PTA878USB	10570500
EU + USA + JP to AU	PTA929USB	10570502
AU to USA + CA	PTA8809USB	10570505
AU to EU + Bali	PTA8810USB	10570510

UNIVERSAL TRAVEL ADAPTOR

Jackson™



Power and charge your USB powered devices internationally - perfect for all international travellers.

- 2 USB charging outlets
- Use in more than 150 countries
- Charges most iPad/iPhone/iPod, Portable GPS, PDAs, Bluetooth devices, and MP3 Players
- USB Outlets: 5V DC 1A

PTAUSB 10570520

POWER METERS

MAINS POWER METER



Real-time power monitoring.

- Costing to run appliance
- Voltage and current display

MS6115 11900007

200A DC POWER METER WITH LCD

POWERTECH



Ideal for cars, boats, caravans, off-grid installations, Wind, solar installations.

- 75A continuous / 200A Max.
- Up to 60V DC compatibility
- Accurate amps, volts, watts, amp-hours, watt-hours, peak amps, minimum volts (sag), peak watts

MS6190 11900202

0-20A 5-60V DC POWER METER

Manson®



This digital DC Power Meter measures the; current, voltage, Wattage, and registers the max. and min. voltage and current, Watt hour, ampere hour and total run time. All these are logged in the meter and can be retrieved to a PC via optional USB adapter and software.

- Monitored remotely on Ipad or Android tablets
- Internal shunt measures: 0-20A (0.01A), 5.0-60V (0.01V)
- Takes operation power from either the source or load side
- Unit can be mounted on supplied Snap-on Mounting Bracket or to a ferrous metal surface magnetically

DPM3232 11900300

HOME AUTOMATION

MAINS OUTLET REMOTE CONTROLLER

DOSS®



Remotely switch your mains on or off without line of sight! The package comes with three outlets allow you to control up to three different devices.

- Maximum range: 30m
- Radio frequency: 433.92MHz
- Max. power: 2400W (10A)

MRC03V2 33774454

ELECTRICAL TIMERS

7-DAY DIGITAL ELECTRICAL TIMER

ANSAI



7 Days Digital Timer

- 8 On/Off per day, 56 On/Off per week
- Min. setting time: 1 min/Max.: 7 days
- Summer/Winter time optional
- AM/PM or 24 hours display

PAD32 (PAD-032D) 49161085

7-DAY DIGITAL TIMER

HPM



Economical and easy to set, HPM's plug-in timers are great security devices that can be set to switch lights, TV etc on and off to deter would-be intruders.

- Up to 14 different "On" and "Off" switches during each day of the week
- 24hr, 7 Day, Weekday & Weekend programs
- Advanced functions including Countdown & Random
- Battery Backup

D817/2DP 49161091

24 HOUR ANALOGUE TIMERS

HPM



Economical and easy to set, HPM's plug-in timers are great security devices that can be set to switch lights, TV etc.

- No pins to lose
- Unique shape leaves adjacent outlet free
- Override Switch allows independent control over the appliance

Twin pack	D809/1TWINDP	49161205
	D809/1DP	49161200

24HRS MAINS MECHANICAL TIMER

DOSS®



- Easy to set up and easy to use
- Minimum duration: 15 minutes

MMT24V2 49161211

7DAY 24HRS MAINS DIGITAL TIMER

DOSS®



- 10 On/Off programs
- Manual On/Auto/Manual Off selectable
- LCD display
- 12/24 hour mode selectable

MDT02 49161216

FUSES

M205 CERAMIC

10-PACK M205 8AMP CERAMIC FUSE

FUSECO



- Ceramic
- 8 Amp
- Dimensions: Ø5mm x 20mm

8.0A	CM205-8A-10	12954245

M205 FAST-BLOW CERAMIC FUSE



- Dimensions: Ø5mm x 20mm
- Sold individually

0.25A	CM205-250MA	12954180
1.0A	CM205-1A	12954200
1.6A	CM205-1.6A	12954210
4.0A	CM205-4A	12954233
10.0A	CM205-10A-10	12954250
12.0A	CM205-12.5A-10	12954252
15.0A	CM205-15A-10	12954255

M205 GLASS

M205 FAST-BLOW GLASS FUSE

"Australux"



- Dimensions: Ø5mm x 20mm
- 5-pack

0.1A	M205-0.1A5	12951908
0.2A	M205-0.2A5	12951916
0.4A	M205-0.4A5	12951938
0.5A	M205-0.05A5	12951902
0.5A	M205-0.5A5	12951941
0.8A	M205-0.08A5	12951906
0.8A	M205-0.8A5	12951949
0.25A	M205-0.25A5	12951925
0.315A	M205-0.315A5	12951933
0.32A	M205-0.032A5	12951900
0.63A	M205-0.063A5	12951904
0.63A	M205-0.63A5	12951945
1.0A	M205-1A5	12951957
1.6A	M205-1.6A5	12951966
2.0A	M205-2A5	12951974
2.5A	M205-2.5A5	12951977
3.15A	M205-3.15A5	12951981
4.0A	M205-4A5	12951989
4A	S5759	12951990
5.0A	M205-5A5	12951997
6.3A	M205-6.3A5	12952005
10.0A	M205-10A5	12952013
15.0A	M205-15A5	12952032

M205 DELAY GLASS

DA205 SLOW-BLOW/TIME-DELAY GLASS FUSE

"Australux"



- Dimensions: Ø5mm x 20mm
- 10-Pack

0.25A	D205-0.25A10	12951710
0.4A	D205-0.4A10	12951714
0.5A	D205-0.5A10	12951716
0.8A	D205-0.8A10	12951725
1.0A	D205-1A10	12951733
1.6A	D205-1.6A10	12951741
2.0A	D205-2A10	12951750
2.5A	D205-2.5A10	12951758
3.15A	D205-3.15A10	12951762
4.0A	D205-4A10	12951774
5.0A	D205-5A10	12951778
6.3A	D205-6.3A10	12951782
8.0A	D205-8A10	12951784
10.0A	D205-10A10	12951786
15.0A	D205-15A10	12951790

3AG CERAMIC

3AG CERAMIC FUSE

FUSECO



- Dimensions: Ø6.3mm x 32mm

0.25A		C3AG250MA	12954040
0.5A		C3AG500MA	12954050
2.0A		C3AG2A	12954065
4.0A		C3AG4A	12954068
5.0A		C3AG5A	12954070
6.0A		C3AG6A	12954072
7.0A		C3AG7A	12954073
7.5A		C3AG7.5A	12954075
12.0A		C3AG12A10	12954085
20.0A		C3AG20A10	12954095
1.0A	10-pack	C3AG1A10	12954062
3.0A	10-pack	C3AG3A10	12954069
8.0A	10-pack	C3AG8A10	12954077
10.0A	10-pack	C3AG10A10	12954080
15.0A	10-pack	C3AG15A10	12954090

8AMP M205 FAST-BLOW CERAMIC FUSE 10PK

FUSECO



- 10-pack

0.5A	CM205-500MA-10	12954192
2.0A	CM205-2A-10	12954222
2.5A	CM205-2.5A-10	12954227
3.15A	CM205-3.15A-10	12954232
5.0A	CM205-5A-10	12954238
6.3A	CM205-6.3A-10	12954242

3AG GLASS

3AG FAST-BLOW GLASS FUSE

"Australux"



- Dimensions: Ø6mm x 32mm
- 5-pack

0.1A	3AG100MA5	12951201
0.15A	3AG150MA5	12951217
0.25A	3AG250MA5	12951225
0.375A	3AG375MA5	12951233
0.5A	3AG500MA5	12951241
0.75A	3AG750MA5	12951250
1.0A	3AG1A5	12951257
1.5A	3AG1.5A5	12951266
2.0A	3AG2A5	12951274
2.5A	3AG2.5A5	12951281
3.0A	3AG3A5	12951289
4.0A	3AG4A5	12951297
5.0A	3AG5A5	12951305
6.0A	3AG6A5	12951307
7.5A	3AG7.5A5	12951313
8.0A	3AG8A5	12951318
10.0A	3AG10A5	12951321
12.0A	3AG12A5	12951325
15.0A	3AG15A5	12951329
20.0A	3AG20A5	12951338
25.0A	3AG25A5	12951345
35.0A	3AG35A5	12951360

3AG DELAY GLASS

3AG SLOW-BLOW / TIME-DELAY GLASS FUSE

"Australux"



- Dimensions: Ø6mm x 32mm
- 10-pack

0.25A	3AGD250MA10	12951417
0.5A	3AGD500MA10	12951433
0.75A	3AGD750MA10	12951441
1.0A	3AGD1A10	12951449
1.5A	3AGD1.5A10	12951457
2.0A	3AGD2A10	12951474
2.5A	3AGD2.5A10	12951480
3.0A	3AGD3A10	12951485
3.15A	3AGD3.15A10	12951489
4.0A	3AGD4A10	12951495
5.0A	3AGD5A10	12951501
6.0A	3AGD6A10	12951505
8.0A	3AGD8A10	12951509
10.0A	3AGD10A10	12951517
15.0A	3AGD15A10	12951530

FUSE KITS

M205 FAST FUSE ASSORTED KIT

FUSECO



- Fuse Type: M205
- Voltage: 250v
- Value: 100mA ~ 15A (18 values; 10-piece of each)
- Physical Size: 5mm x 20mm
- Storage: 18 Compartment Plastic storage box

	M205KIT	12956670

3AG FAST FUSE ASSORTED KIT

FUSECO



- Fuse Type: 3AG
- Voltage: 250v
- Value: 100mA ~ 20A (18 values; 10-piece of each)
- Physical Size: 6.3mm x 32mm
- Storage: 18 Compartment plastic storage Box

	3AGKIT	12956675

3AG & M205 ASSORTED RATING

FUSECO



Fuseco assorted Fuse Box.

- Fuse Type: M205 and 3AG
- M205 fuses: 500mA ~ 10A (10 values; 30-piece of each)
- 3AGfuses: 500mA ~ 20A (10 values; 30-piece of each)
- Physical Size: Ø5mm x 20mm and Ø6.3mm x 32mm
- 20x storage drawers/bins

	FUSEBOX001	12956680

AUTO

MINI AUTOMOTIVE / BLADE FUSE

"Australux"



- Size: 16(H) x 10(W) x 3(D)mm

2.0A	Each	ATM2-1	12953402
3.0A	Each	ATM3-1	12953403
5.0A	Each	ATM5-1	12953405
7.5A	5-pack	ATM7.5-5	12953407
10.0A	Each	ATM10-1	12953410
15.0A	Each	ATM15-1	12953415
20.0A	Each	ATM20-1	12953420
25.0A	Each	ATM25-1	12953425

AUTOMOTIVE / BLADE FUSE

"Australux"



- Size: 16(H) x 10(W) x 3(D)mm

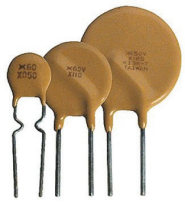
3.0A	AU3A-1	12953491
5.0A	AU5A-1	12953501
7.5A	AU7.5A-1	12953517
10.0A	AU10A-1	12953533
15.0A	AU15A-1	12953549
20.0A	AU20A-1	12953565
30.0A	AU30A-1	12953575

POLY

SOLID STATE RESETTABLE FUSE

When current exceeds device rating the internal resistance increases rapidly resetting to low resistance when current is withdrawn. Protection for:

- Speakers
- Batteries
- Motors
- Power supplies
- Transformers



21.8W @ 8Ω	RXE110	13036512
62.7 W @ 8Ω	RXE185	13036524
112.5 W @ 8Ω	RXE250	13036536

RESETTABLE FUSES

PANEL-MOUNT RESETTABLE FUSE

Snap in Mini Circuit Breakers designed to fit the same panel cutout as many fuse holders. Exceeding the current rating triggers the switch which flicks down to warn of possible circuit problems.



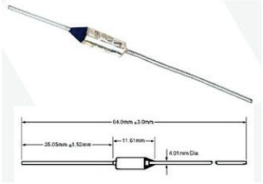
- 6.35mm quick connects
- Cannot be manually triggered (switched off)
- Max. Operating Voltages: 32V DC, 250V AC
- Panel Opening: Ø16.1mm (14mm across flats)
- Overall length: 48.4mm

2A	0.17Ω	REFU2A	13034026
3A	0.069Ω	REFU3A	13034034
5A	0.030Ω	REFU5A	13034040

THERMAL CUTOFF

MICROTEMP THERMAL FUSE

The MICROTEMP thermal cutoff is designed to provide upper limit temperature protection. They are widely used to protect household appliances, motors, transformers, ballasts and many other products which do not have controlling thermostats.



- Rating: 15 Amps @ 277V AC

72°C	6502MT	13037012
104°C	6528MT	13037049
109°C	6517MT	13037062
128°C	6515MT	13037074
144°C	6537MT	13037085
192°C	6518MT	13037120
216°C	6505MT	13037134
240°C	6527MT	13037159

FUSE HOLDERS

20 AMP 3AG FUSE HOLDER



- Front loading panel mounted with screw type cap
- Solder tabs
- Energy authority approved
- Panel cut-out: Ø16mm

FH052S 13101315

3 AMP M205 FUSE HOLDER



- Front loading panel mount with screw type cap
- Current rating: 3A
- Panel cut-out: Ø16mm
- Solder tabs

MF821 13105345

10 AMP 3AG FUSE HOLDER



- Front loading panel mount with screw type cap
- Current: 10A
- Panel cut-out: Ø18mm
- Solder tabs

MF822 13105353

M205 PCB MOUNT FUSE HOLDER



- PC mount with protective cap
- Flame retarding thermoplastic body
- Current rating: 6.3 Amps
- Size (WHD): 22x14x9mm
- Pin Diam./Spacing: Ø1.5mm/22.6mm

PTF15 13105609

10 AMP M205 FUSE HOLDER BLACK



- Front loading panel mount
- Tinned copper alloy contacts
- Current rating: 10A
- Suits M205 type fuses
- Panel cut-out: Ø12.7mm

PTF70 13105681

M205 INLINE FUSE HOLDER



- Push-turn locking in-line holder with 100mm leads
- Suits M205 type fuses
- Rated to 5 Ampere
- Body: 44 x Ø15mm

IFHM205 13105700

3AG INLINE FUSE HOLDER



- Push-turn locking in-line holder with 150mm leads
- Suits 3AG type fuses
- Rated to 5 Ampere
- Body: 60 x Ø15mm

IFH3AG 13106033

10 AMP M205 FUSE HOLDER



- Front loading panel mount
- Tinned copper alloy contacts
- Current rating: 10A
- Suits M205 type fuses
- Panel cut-out: Ø12.7mm

FEB0611042 13107012

7.4A 3AG PCB MOUNT FUSE CLIP



- Plated fuse clips for printed circuit boards
- Pin spacing: 5.1mm
- Pin diameter: Ø1.5mm
- Current: 20AMP @ 125V AC
- 3AG Size: 6(W) x 11(H) x 5(D)mm

3AGFC 13107432

7.4A M205 PCB MOUNT FUSE CLIP



- Plated fuse clips for printed circuit boards
- Pin spacing: 5.1mm
- Pin diameter: Ø1.5mm
- Current: 20A @ 125V AC
- M205 Size: 5(W) x 8(H) x 4(D)mm

M205FC 13107438

INLINE MINI BLADE FUSE HOLDER



- For 12-32V mini blade type Auto fuses
- 300mm loop of wire with splash proof snap down cover
- Current rating: 3 to 20A

FHA7-20 13107500

INLINE BLADE FUSE HOLDER



- For 12-32V Standard blade type Auto fuses
- 300mm loop of wire with splash proof snap down cover
- Current rating: 3 to 20A

FHA5-20 13107512

FUSE WIRE

FUSE WIRE CARD 1M 8A & 16A

HPM



- 1 metre of 8 Amp
- 1 metre of 16 Amp

R1202 13250201

CIRCUIT BREAKERS

WIRE FUSE REPLACEMENT BREAKER

HPM



Replace your rewireable fuse holder with this plug-in circuit breaker. Fits most fuseboards and is fully tested and approved.

32A	Stove circuits	CDCB132	13036017
8A	Lighting circuits	CDCB108	13036001
16A	Power circuits	CDCB116	13036013
20A	Hot water & power circuits	CDCB120	13036015

POWERBOARDS

OUTDOOR POWERBOARD ENCLOSURE



- 295(W) x 180(L) x 100(D)mm
- Enough for most 4-way powerboards
- IP54 Weatherproof Rating

	HB6173	33531040

STANDARD POWERBOARDS

WI-FI PLUG WITH ENERGY MONITOR



- Remote Access – Control devices on your smartphone
- Scheduling – Schedule the Smart Plug to automatically power electronics on and off as needed
- Energy Monitoring – Analyse a device's real-time and historical power consumption
- Away Mode – Turns your devices on and off at different times to give the appearance that someone is home
- Voice Control – Amazon Alexa or the Google Assistant lets you control devices connected to the Smart Plugs just using your voice

	HS110	10570486

SMART WI-FI SOCKET



- Remote Access – Control devices connected to the Smart Plug wherever you have Internet using the free Kasa App on your smartphone
- Scheduling – Schedule the Smart Plug to automatically power electronics on and off as needed, like setting lights to come on at dusk or turn off at sunrise
- Away Mode – Turns your devices on and off at different times to give the appearance that someone is home

	HS100	10570560

FLUSH DOUBLE ADAPTOR

Suits applications where space is limited or where a double outlet doesn't allow a standard double adaptor to be used.



- Slimline twin adaptor, 10A

Right hand	PB20R	10570580
Left hand	PB20L	10570582

DOUBLE ADAPTORS [3 PIN]



Fits neatly against the wall and holds both plugs perpendicular to the wall surface - so they don't slip out!

- Rated: 10A at 240V AC

Right + Left hand (2-pack)	D2/2WE	10570562
Right hand	D2WE	10570550
Over/Under (Triangular)	R102WE	10572030

POWERBOARD WITH RIGHT-ANGLE PLUG



- 1m power cord
- Concealed slots for hanging
- Press to reset overload button
- 240V AC / 10A (2400W AC)

6-way	R105/6	33531002
4-way	R105	33531001

POWERBOARD WITH OVERLOAD PROTECTION



- Pure white finish
- Rounded edges designed to avoid scratching furniture
- Slimline design saves space
- 2400W AC

6-way	PB60	33531006
4-way	PB40	33531003

4-WAY POWERBOARD WHITE



- Individually switched
- 1 metre mains cord
- Overload protected
- 240V AC 10 Amps

	UR1004SW	33531004

6-WAY POWERBOARD WIDE SPACING



Wide spaced 6 outlets.

- Individually switched outlets
- 1m main cord
- 3 extra spaced sockets
- With overload protection, reset switch & indicator light

	PAD056SW	33531012

POWERBOARDS WITH MASTER SWITCH



- 10A, 240V, 2400W Max Power Outlets
- Master Switch
- Overload protection, reset Button & indicator light

6-way	PAD137P	33531031
4-way	PAD131P	33531030

4-WAY PORTABLE POWERBOARD



Ideal tradesman powerboard.

- 4-way
- Durable metal frame with carry handle

	UR1004T	33531054

4 OUTLET POWER GARDEN STAKE



Power outlet for the garden.

- 4 power sockets with spring loaded covers
- DIY- no electrician required
- Complete with ground stake and 1.8m mains cord
- High impact shock resistant thermoplastic construction with safety overload protection
- Weather proof IP44 rated

	PB24	33531056

5-WAY USA POWERBOARD



Required if need to run multiple US devices off one stepdown transformer.

- Comes with surge suppression
- USA style 115V
- UL approved
- Switch included

	USA-BOARD-5	33531646

POWER OUTLET WITH USB CHARGING

Jackson™



Recharge and power your USB powered devices without the need for a computer.

- USB Charging Outlets
- Surge protected
- Power status indicator
- Input Voltage Rating 240V AC, 50Hz
- Works with most iPods, iPhones, Mobile Phones

1 outlet + 2 USB	PT1USB	33774447
1 outlet + 4 USB	PT4USB	33774453

SURGE PROTECTED POWERBOARDS

4-WAY SURGE PROTECT POWERBOARD

DOSS®



The SPB44 4-way surge protect power board has individual On/Off switches to turn individual devices completely off, saving from stand-by power.

- Circuit overload protection
- Individual On/ Off switches
- Flame retardant case
- Wall mountable design
- 1.2m cord
- Wide spaced outlets allow for adaptors and other wide plugs

	SPB44	33531007

4-WAY SURGE POWERBOARD

HPM



HPM 4-way surgeboard with USB.

- 4-way individually switched
- 525J surge protection with surge protection indicator
- Overload protection
- Dual 2.1A USB

	D104PAUSBWE	33531009

SURGE PROTECTED POWERBOARD

SANSAI



- Master switch
- Standard 10A, 240V, 2400W Max. Power Outlets
- Overload protection, reset button & indicator light
- 1 metre mains cord
- Surge protection

4-way	PAD014SP	33531013
6-way	PAD016SP	33531014

POWERBOARD WITH USB

Huntkey



- 2x USB ports for charging (Output: 5V, 2100mA, total 10W)
- Surge protection (L-N): 210 Joules
- Maximum spike current: 6,500 Amps
- Overload protection
- Double break master/ safety switch

4-way	SAC404	33531015
6-way	SAC607	33531017
8-way	SAC807	33531019

6-WAY SWITCHED SURGE PROTECTOR

SANSAI



6-way Switched & Surged Powerboard with side spacing.

- 6 standard 10A, 240V power outlets
- Surge protection
- Individually switched
- Overload protection, reset button & indicator light
- 3 extra spaced sockets
- 1 metre main cord

	PAD661SW	33531016

4 OUTLET SWITCHED POWERBOARD

Jackson™



4 individually switched outlets, each with overload and surge protection.

- Suitable for Home Entertainment and computer systems

	PT1814	33531020

WORKSTATION POWER CENTRE

Jackson™



Unique deskpod design.

- Fits into standard cable pass through holes on desktops
- USB Charging outlet 5V DC 1 Amp
- 2 power outlets
- Lead Length 90cm

	PT2898	33531022

OUTLET ADAPTOR WITH USB



- 3.5A max current shared between both USB outputs
- Charge two smartphones or tablets at once
- Overcurrent surge protection for your appliances up to an 18,000 Amp spike

Single outlet	M8893	33531024
Double outlet	M8894	33531025

CLIP OVER WALL PLATE WITH USB

EVERSURE



- GPO: 2
- USB Ports: 2
- USB Outputs: 2.1A Each Port (Max.) 3.4A Shared across two ports

	CWPUSB2	33531029

SURGE PROTECTOR WITH 2X USB

SANSAI



Surge protect adaptor with 2 USB outlets.

- Recharge and power your USB powered devices without the need for a computer
- 2x USB charging outlets (1A total)
- Surge protection 240V outlet

	PAD102USB	33531035

4-WAY POWERBOARD WITH SURGE

Jackson™



- Surge and overload protection
- Right angle plug
- 3m power cord
- Voltage Rating 240V AC
- Current 10 Amps
- Power Rating 2400 Watt

	PT4113	33531090

4-WAY POWERBOARD WITH SWITCH

POWERLEADER™



Ideal for general use, the L54192 is designed with a long 3 metre lead.

- 3m long lead length
- On/Off switch
- Surge protected
- Overload protected
- Right angle plug

	L54192	33531107

POWER TOUGH METAL POWER BOARDS

POWERLEADER™



- Surge protected powerboard with metal casing
- EMI and RFI protection
- Bright orange colour for added safety
- Voltage rating: 230~240V AC 50Hz
- Current: 10A (Max.)
- Power rating: 2400 Watt

6-way	L54222	33531111
4-way	L54185	33531109

8-WAY METAL POWERBOARD

Jackson™



8 Outlet Surge Protected Metal Powerboard.

- Surge & overload protected
- 8 outlets
- RFI filter as well as handy wall mounting slots
- 2 spaced sockets

	PT8888	33531118

SURGE PROTECTED POWERBOARD WITH USB

SANSAI™



- Master On/ Off switch
- Surge and overload protected
- 1 metre lead & Right angle power plug
- 4-ports USB charger
- 4x USB ports max total load 4.2A (2.4A max per port)

2-way	PAD4022A	33531121
4-way	PAD4044C	33531123
6-way	PAD4066E	33531125
8-way	PAD4088H	33531127

MASTER SWITCH POWERBOARD

HPM



Slash your standby power consumption.

- Surge Protected
- Overload protection
- White finish
- 3 metre lead

4-way	D105MS4WE	33531620
6-way	D105MS6WE	33531625

SURGE PROTECT POWERBOARDS

HPM



Featuring circuit breaker designed to disconnect the power to the outlets if the total load exceeds the maximum permissible 2400 Watts (10 Amps).

- Neon power indicator
- Complies with SAA specifications
- Overload cut-out is reset by pushing a button

●	8-way	D105PA8CC	33531643
○	8-way	D105PA8	33531645
○	6-way	D105PA6	33531640

POWERCUBE EXTENDED

allocacoc



Powercube can be mounted in an ideal location to suit each desktop, no more ducking beneath your desk to plug in your laptop.

- Mount it anywhere – mounting dock included
- Revolutionary Mounting System
- Surge protection
- 1.5 metre cable extension cord fitted
- Child proof

●	4-way	With 2x USB	PCEURD	33531136
●	4-way	With 2x USB	PCEUGN	33531137
●	4-way	With 2x USB	PCEUBL	33531138
●	4-way	With 2x USB	PCEUGR	33531139
●	5-way		PCERD	33531140
●	5-way		PCEGN	33531141
●	5-way		PCEBL	33531142
●	5-way		PCEGR	33531143

2-WAY EXTREME PROTECTOR

POWERGUARD®



- Over voltage and surge protection
- Slow average fluctuation protection
- Time delay auto-reset (on safe power)
- Life time manufacturers warranty – Includes $50,000 Connected Equipment Warranty

	PGXN702	33540010

SURGE PROTECTED BLACK POWERBOARDS

DOSS®



These powerboards are all filtered and surge protected. Guard your expensive Hi-Fi, TV, or VCR etc. against damage.

- 10 Amp resettable overload circuit breaker
- Power on indicator in switch
- Power rating: 10A @ 240V
- 2 pole push button switch
- 10 Amp circuit breaker

8-way	3672J	SPB81B	33540052
4-way	1836J	SPB41B	33540032

PLUG IN POWER SURGE PROTECTOR

ARLEC a World of Innovation



Protects your valuable electronic equipment from damaging and voltage spikes.

	DA14	33540072

2 POINT SURGE PROTECTOR

HPM



Protection for Computer, TV or Hi-Fi from damaging power surges.

- 240V 10 Amps Max.
- Max. Continual V: 300V
- Energy absorption: 117 Joules
- Surge: 4500A
- Clamping current: 800V @ 50A
- Protection mode: Active Neutral

	D2PA	33540080

4-WAY HEAVY-DUTY POWERBOARD

HPM



HPM 4-way heavy-duty surge protected powerboard.

- 4 wide spaced outlets
- 900J Surge protection
- 3 metre extra reach power lead
- Hanging hook for flexibility
- Heavy-duty protective finish
- Overload protection on plug
- Illuminated power switch

	D105PBOSSPA4	33540115

6-WAY HEAVY-DUTY POWERBOARD

HPM



- Surge Protected
- 6 Outlets with spacing to fit 4 transformer plugs
- 3.1m lead
- Rated to 10 Amp
- Illuminated Master Switch
- Cable Management – No more tangles

D105PBOSSPA6 33540120

SURGE PROTECTOR MAINS & PHONE

tetech



- Slimline design, fits two side by side
- 10A rating with overload protection
- Phone line and power protection
- Power on indicator
- Fully Approved
- RJ phone sockets for line connection

SPT01 33540130

4-WAY POWERBOARD/ FOOT SWITCH

CABAC



A uniquely designed foot activated powerboard with 4 power outlet, lets you switch off all equipment plugged into it with just one foot press.

- Consecutive presses turn switch on and off alternatively
- 4 Australian power outlets
- Bright switch status indicator on push button
- Surge protection

PBFS4 33540145

6-WAY SURGE POWERBOARD

ULTRACHARGE ELECTRICAL



Ultracharge 6-way powerboard with USB ports.

- 6x power outlets
- 2x USB ports
- Surge protected
- Power indicator switch

UR1006SU 33540195

RCD PROTECTED POWERBOARDS

4 OUTLET RCD POWER BLOCK

ARLEC a World of Innovation



- 4 outlet, each with individual DoublePole On/ Off switch
- Rating 240 Volt 10 Amp 2400 Watt
- Inbuilt Residual Current Device safety switch to protect against electric shock, trip current 30mA
- Overload protected 10A - manual reset function

PB94 27782820

8-WAY SAFETY POWERBOARD BOSS

HPM



- Heavy-duty, ideal for workshop conditions
- Includes RCD and surge protection
- 8 outlets with spacing to fit 4 large transformer plugs
- Twist to fit plug socket covers
- Massive 3.1m lead
- Rated to 10 Amp
- Illuminated Master Switch with protective cover

D105PBOSSELPA8 33540125

POWER SUPPLIES

DC ADAPTORS

BLUSTREAM 5V 1A POWER SUPPLY

BLUSTREAM



Blustream replacement power supply.

- Voltage: 5 Volt
- Current: 1 Amp

PS51 33774548

12V 2A BLUSTREAM POWER SUPPLY

BLUSTREAM



Required for Blustream Transmitters only.

PS122 33774550

15V 2A BLUSTREAM POWER SUPPLY

BLUSTREAM



15V DC 2 Amp power supply for HEX100ARC.

PS152 33774555

AC ADAPTORS

9V X 2 DUAL OUTPUT AC POWER

DOSS®



- Voltage: 9V x 2
- Capacity: 700mA
- With 4-pin DIN plug

AC907X2 33770050

AC POWER SUPPLY

DOSS®



- Input: 240V AC / 50Hz
- Fully Approved
- Safe and easy to use

2.1mm	9V AC	1A	AC910	33770070
2.1mm	9V AC	2A	AC920	33770072
2.1mm	12V AC	1A	AC1210	33770080
2.5mm	12V AC	500mA	AC1205	33770076
2.5mm	24V AC	1A	AC2410	33770200

AC POWER SUPPLY

DOSS®



Fully approved for dial-up security systems. Double insulated with stripped & tinned 3-core cable.

- Input: 240V AC 50Hz
- 3-core double insulated stripped tinned leads
- Fully Approved
- Safe and easy to use

16VAC	1.5A	AC1615	33770100
18VAC	1A	AC1810	33770140

24VAC 6.25A 150W POWER SUPPLY



- Transformer must be mounted indoors
- Output is via screw terminals
- Size 145(L) x 87(W) x 88(H)mm
- Includes 4 holes for easy screw mounting
- Safety Approved: N16803
- Output 6.25 Amps

AC24625 33770220

110W AC ADAPTER

Panasonic



Power Supply for Panasonic Toughbooks.

- Suits CF-30,31, 54, D1

CFAA5713AM 33771302

24V DC 2A POWER SUPPLY

DOSS®



24V DC 2A power supply with bare wire.

- Switch mode power supply

SM2420B 33774345

5V DC 1A POWER SUPPLY



- 100-240V universal input
- 5V 1A output
- 2.5MM DC plug
- 1.15m cable length

TDX0501000 33774376

5V DC 4A POWER SUPPLY 2.1MM

5V DC Switchmode Plugpack.



- 5V DC @ 4A
- Centre positive 2.1mm DC jack

SM540 33774382

9V 1.66A DC POWER SUPPLY



Regulated output voltage, small size and higher power output. Suitable for thousands of different applications.

- Input: 100-240V AC 50/60Hz
- Slimline and lightweight
- Overload & Short Circuit protection
- Supplied with 7 DC plug types

MP3484 33774398

12V DC 300MA POWER SUPPLY

DOSS®



- 12V DC 300MA 3.6W output
- F power injector
- Efficiency level VI
- Approval SAA-151621-EA

SM1203 33774438

SWITCHMODE ADAPTORS

SWITCHMODE POWER SUPPLIES

DOSS®



WALL (A) WALL (B) WALL (C) WALL (D) WALL (E)



Desktop (Fig-8) Desktop (Clover) Desktop (IEC)

- Fully Approved
- Safe and easy to use
- Ideal for OEMs
- Rugged construction
- Every unit tested during manufacture
- Input: 100~240V AC 50/60Hz

V	A	Tip	Interchangeable	Type	Model	Code
48V	2.5A	2.1mm	No	Desktop (IEC)	PS4825	33774416
12V	6.5A	2.1mm	Yes	Desktop (Clover)	SM1265	33771345
24V	3.8A	3.1mm	Yes	Desktop (Clover)	SM2440	33774344
15V	4.0A	2.1mm	Yes	Desktop (Fig-8)	SM1540	33774436
12V	4.0A	2.5mm	Yes	Desktop (Fig-8)	SM1240	33771335
12V	5.0A	2.1mm	Yes	Desktop (IEC)	SM1250	33771340
18V	3A	2.1mm	No	Desktop (IEC)	SM1830	33774704
20V	3A	2.1mm	No	Desktop (IEC)	SM2030	33774720
24V	2.0A	2.1mm	Yes	Desktop (Fig-8)	SM2420	33774341
24V	6.3A	4-pin	Yes	Desktop (IEC)	SM2425	33774342
24V	1.3A	2.1mm	Yes	Wall (B)	SM2410	33774340
18V	1.3A	2.1mm	Yes	Desktop (Fig-8)	SM1810	33774428
18V	2.0A	Bare wire	Yes	Desktop (Fig-8)	SM1820B	33774702
5V	2.0A	2.1mm	Yes	Desktop (Fig-8)	SM520	33774378
3–4.5–5–6–9–12V	1.0A	Multi	Yes	Wall (B)	SMV10	33774435
5V	2.8A	2.1mm	Yes	Wall (B)	SM530	33774380
6V	2.0A	2.1mm	Yes	Wall (B)	SM620	33774385
9V	1.7A	2.1 + 2.5mm	Yes	Wall (B)	SM917	33774410
12V	1.5A	2.1 + 2.5mm	Yes	Wall (B)	SM1215	33774426
15V	1.6A	2.1mm	Yes	Wall (B)	SM1516	33774427
12V	2.5A	2.1mm	Yes	Wall (C)	SM1225	33774500
18V	1.3A	Bare wire	Yes	Desktop (Fig-8)	SM1813B	33774700
9V	0.5A	2.1mm	Yes	Wall (E)	SM905	33774402
12V	1.0A	2.1mm	Yes	Wall (B)	SM1210	33774421
24V	0.5A	2.1mm	Yes	Wall (B)	SM2406	33774430
12V	0.5A	2.1 + 2.5mm	Yes	Wall (E)	SM1205	33774420
4.5V	0.3A	1.35mm	Yes	Wall (D)	SM403	33774370
5V	1.0A	1.3mm	Yes	Wall (E)	SM510	33774375
12V	0.2A	2.1mm	Yes	Wall (A)	SM1202	33774417
15V	0.3A	2.1mm	Yes	Wall (B)	SM1503	33774560

48V DC1.35A POWER SUPPLY



48V power supply specifically designed for power over Ethernet applications.

- Voltage: 90-264V AC
- Output voltage: 48V DC @ 1.35A
- Power output: 65W Max

MP3249 33774414

18V 1.6A 'F' PLUG POWER SUPPLY

POWERMASTER



Plug pack 18V 1600mA switch mode power supply.

- F-Type centre positive connector output
- Commonly used on Ikusi MATV products

SM1816F 33774701

USB/IPOD ADAPTORS

CHARGING KIT USB CIG & HOME

picolife



Kit includes:

- Octopus U2 cable with connections to charge certain Nokia, LG & Samsung phones, iPhones/iPods and mini USB devices
- Mains power adaptor
- Cigarette adaptor
- All-in-1 USB multi-card reader

OCTOPUSU2S 33774457

USB POWER BOOSTER/ CHARGER

iStyle™



USB Power Converter from 1.0 to 2.0 Amp.

- Rapid charge from PC and In-car
- PowerPill – More than 2 to 4 times Faster Charging than Conventional USB Charging
- iPad (2/3/4/Mini)
- iPhone (4/4S/5)
- Galaxy smart phones/ Galaxy tablets
- USB devices

POWERPILL 33774464

7.2A USB CHARGING STATION

HPM



5-Port USB Charging Station.

- Nominal input voltage: 230-240V AC
- Maximum USB charging capacity: 7.2A
- Overload protection (USB): Yes

PS5USB 33774467

4.2A USB CHARGING STATION

HPM



- 4.2 Amp (2 x 2.1A)
- Overload protection
- 1.5m Lead

PS2USB 33774468

WORLD TRAVEL PACK 2 X USB

HPM



HPM World Travel pack.

- 2x USB (2.1 Amp)
- Charge 2x Tablets at one time
- Max 4.2 Amp total
- Compact design

D2USB121 33774469

MINI CIG USB CAR CHARGER

mbeat the new digital experience



Compact USB adaptor to fit car cigarette socket.

- Max. Output: 5V DC / 1A

Dual / 2.1A Total C248 33774479

DC REGULATED BENCH TOP

13.8V REGULATED BENCH-TOP POWER SUPPLY

DOSS®



13.8V regulated DC power supply with cigarette socket. Designed to power CBs, Automotive and Marine equipment.

- Galvanized Steel Case
- Fixed 13.8V DC Regulated Output
- Current Overload and Short Circuit Protection
- High Stability and High Reliability
- 4mm Banana Socket/ Screw Terminals
- LED Power ON Indicator

13.8V 4A PS734 33770450

2.5AMP 0-30V DC POWER SUPPLY

DOSS®



Featuring TWIN LCD Voltage & Current Meters. DC Regulated power supply, 0 to 30 volts, 0 to 2.5 Amps, with Fixed 5 Volt and 12 Volt Outputs.

- Variable output: Voltage - 0-30V DC Current: 0-2.5 Amps
- Low current push terminals or high current post terminals
- Current & voltage LCD meters

EP613 33771601

40AMP 3~15V DC BENCH-TOP POWER SUPPLY

DOSS®



This series of High Power Switch Mode DC Regulated Power Supplies provide high current (40 Amps) output in a lightweight and compact size case. They are suitable for a wide range of uses, such as radio equipment, and are ideal for high power car stereo work.

- 40A current output
- High efficiency
- Adjustable output voltages 3V to 15V
- Fixed voltage mode at 13.8V
- Lightweight and small size
- Overload temperature protection
- Current fold-back circuit with LED indicator prevents overloading
- Over voltage protection at 16.5V
- Variable speed thermally controlled fan
- High RFI stability

Digital display	SPS9400G	33771606
Analogue meters	SPS8400G	33771603

5AMP 0-30V DC POWER SUPPLY

Manson®



The NP-9600 Series DC Regulated Power Supplies are a completely solid state, compact, well regulated, constant voltage power supplies suitable for service field, hobby & telecommunication equipment use. It provides three different voltages output for different usage.

- Overload and Short Circuit Protection
- Independent 5V, 12V Easy Snap-On output terminals to make it easy to use for TTL and CMOS circuit testing
- 0-30V adjustable (5A Max.)

NP9615G 33771611

MULTI-VOLTAGE MULTI-CURRENT DC POWER SUPPLIES

Manson®



These high current switching mode DC regulated dual output power supplies are designed with a high efficient active power factor corrector.

- Total max. continuous output current 60A (SPS-9600)
- Main Output/ Remote Sensing/ Remote Control/ terminals at the back
- Front terminals 5A limiting
- Remote Sensing for remote point of regulation
- Constant Current mode with LED indicator prevents overloading
- Dimensions: 220(W) x 110(H) x 360(D)mm

30V	1-30A	SPS9602G	33771625
1-15V	60A	SPS9600G	33771615

120A 13.8V DC POWER SUPPLY

Manson®



The SPS9620 DC power supply has been designed for professional applications which require quality high current for equipment such as super power car audio that are normally operated from car batteries.

- Output Over Voltage Protection at 16.5V
- Remote sensing terminal for precise voltage load with long leads
- Cooling fan is on all the time, speed of fan increases with temperature of unit
- High efficiency 85%

SPS9620	33771620

23A CONT 25A MAX 13.8V POWER

Manson®



- Output Voltage: Fixed 13.8Vdc ±0.5V
- Output Current (Main output posts): 23A Cont., 25A Max. (1 min. 50% duty cycle)
- High RFI immunity
- Fan cooled
- Binding pole and cigar socket DC output
- Output Over Voltage Protection

SPA8230G	33771630

USB PROGRAMMABLE POWER SUPPLY

Manson®



- Remote programmable via USB to PC
- Rotary Encoder Control Knob with coarse & fine tuning
- Over load, Over Temperature & Tracking Over Voltage protection
- Application software, command sets and Labview driver
- 3 user presets on unit

1-16V	0-30A	HCS3300-USB	33771646
1 to 32V	0 to 15A	HCS3302-USB	33771648

SLIM MULTI-VOLTAGE DC POWER SUPPLY

Manson®



This series of 100W Switching Mode Power Supplies with Current Limiting Control is designed with the objectives of high accuracy, compactness and easy portability.

- Automatic cross-over CV and CC mode
- Illuminated LCD
- Output power on/off switch at front panel
- Dimensions (WxHxD): 70x150x250mm

1-20V	5A	NSP2050	33771651
1-36V	3A	NSP3630	33771653
1-60V	1.6A	NSP6016	33771655

1-36VDC 5A REMOTE PROGRAMMABLE

Manson®



After the success of our previous HCS series, high power supplies, this new low power series has been developed with end-users' feedback in mind. A USB control port has been added to allow cyclical operations with programmable voltage, current, period and time cycles. Ideal for laboratory, university, workshop, production, quality control and sophisticated DIY applications.

- Remote programmable by computer via USB
- 20 programmable sets of voltage, current and cycle periods for repetitive operations up to 999 cycles
- 3 user defined voltage and current panel presets for frequent use
- Rotary encoder knob with fine and coarse adjustment
- Variable Output Voltage: 1 - 36V DC
- Variable Output Current: 0 - 5A

1 to 36V	5A	PC programmable	HCS3102G	33771660

1-16V 0-40A DC POWER SUPPLY

Manson®



Lab grade switch mode power supply.

- PC interface USB for program runs of up to 20 sets V I, time set, and 999 cycles
- Wired analogue remote controls of on off, V, and I
- 3 user presets on unit
- Open circuit constant current limit
- Isolated ground and active PFC
- Application software, command sets and Labview driver

HCS3400-USB	33771661

1-60V DC 2.5A LAB. POWER SUPPLY

Manson®



1-60V DC 0-2.5A output switchmode power supply with remote programmable via USB to computer.

- 3 User defined V & I present
- Analogue Remote Control V, I and output on-off
- Universal AC input
- Over load, Tracking Over Voltage Protections

HCS3104	33771662

1-16V 0-60A DC POWER SUPPLY

Manson®



Lab Grade Switching Mode Power Supply.

- PC interface USB for program runs of up to 20 sets V I, time set, and 999 cycles
- Wired analogue remote controls of on/off, V, and I
- 3 user presets on unit
- Open circuit constant current limit
- Isolated ground and active PFC
- Remote Sensing for HCS-3600 only

HCS3600-USB	33771667

33A CONT 36A MAX 13.8V DC POWER

Manson®



An advanced new circuit design makes this power supply with higher efficiency, regulated output and specifically suitable for use with radio equipment. The power supply provides a stable, clean and RFI filtered suppressed and filtered DC source.

- Quiet cooling fan variable speed operation
- Over load, Short circuit, Over temperature protection by constant current
- Output Voltage: Fixed 13.8V DC ±0.5V
- Output Current (total): 33A Continuous, 36A Max.

SPA8330B	33771670

LAPTOP POWER

PICO SLIM 90W LAPTOP CHARGER



- Ultra slim housing (17mm)
- 8 optional connectors
- 1A USB output
- LCD Display on DC cable showing working voltage

Charger with 8 connections	LPS12	33771323
Tip-U	TIP-U	33771305
Tip-P	TIP-T	33771306
Tip-S	TIP-S	33771307
Tip-R	TIP-R	33771308
Tip-Q	TIP-Q	33771309
Tip-M	TIP-M	33771310
Tip-L	TIP-L	33771311
Tip-I	TIP-I	33771312

19V 90W LAPTOP POWER SUPPLY



9 tips to ensure compatibility with more notebooks (Including Dell & HP).

- High power density
- Complies with Energy Star-V standards
- Multiple protections: OPP, OVP, OCP, OTP and SCP

LPS8 33771318

110W LAPTOP POWER ADAPTER



- Detachable cables design, Adapter and HUB 2-in-1
- Compatible with USB 3.0 / 2.0 / 1.1 hosts and devices
- Built -in USB 3.0-ports
- Changeable output tips for maximum compatibility
- Total output: 110W(95W for NB, 15W for USB3.0 hub)

LPS13 33771325

65W LAPTOP POWER ADAPTER



- Detachable cables design, Adapter and HUB 2-in-1
- Compatible with USB 3.0 / 2.0 / 1.1 hosts and devices
- Built -in USB 3.0-ports
- Changeable output tips for maximum compatibility
- Total output: 65W (50W for NB, 15W for USB3.0 hub)

LPS14 33771327

150W LAPTOP IN CAR POWER



- Input: 12~13.8V DC
- Current: 5/6 Amp
- High efficiency low power consumption
- 10 adaptor plugs
- Auto reset
- Overload Protected

LPS02 33771329

144W 15-24V LAPTOP SWITCHMODE



Specifically designed for use with laptop computers, this power supply has a universal input voltage 100-240VAC 50/60Hz and has a regulated output.

- Comes with 9 different polarity protected DC adaptors that suit the majority of laptop computer on the market
- 15-24V (144W)
- USB output for charging USB devices
- Short circuit and overload protection

LPS01 33771332

COMPUTER POWER

700W COMPUTER POWER SUPPLY



Aerocool VX-700 ATX PSU.

- ATX12V 2.3
- Over Power Protection
- Under voltage protection
- Short Circuit Protection
- Power Saving Mode Supported

700W 6+2-pin x2 AERVX700 33771017

USB CHARGER

5V 2.4A USB POWER SUPPLY



5V 2.4A USB power supply.

- 100-240V AC 50/60Hz
- 5V DC regulated
- 2.4A output current

SM524 33774437

5V DC 3.4A DUAL USB CHARGER



- Dual USB output
- 5V DC 3.4A total 17W max output
- Efficiency level VI
- Approval GMA-502199-EA

SM534U 33774372

5-PORT 60W USB CHARGING DOCK



- Comes with 5 USB ports that can deliver up to 60W massive charging power
- Built-in 2 AU power socket
- Included with 5 individual slots for holding the devices while charging
- Use the latest smart charging technology. Auto detect connected devices and deliver optimised and safe charging speed to each device
- Built-in safety protection against short-circuit, over-voltage, over-charging and over-heating

MBCHGR5U 33774459

10-PORT USB CHARGER 60W



60W 10-Port USB Charging Hub.

- Charges 5x iPads or 5x tablets fast and simultaneously
- Charges up to 10 smart phones, digital devices or gadgets

10UBLK 33774466

4-PORT USB CHARGING STATION

kanex



- Charge 4 devices simultaneously
- Smart charge features

SYDNEE 33774471

4.2 AMP DUAL USB WALL CHARGER



An ultra fast USB charger complete with 2x USB sockets with 2.1A each.

- Charges any device that uses a standard USB charger
- Recharge your USB devices (Cameras, Cell Phones, PDA's, MP3 Players, GPS devices and much more)
- 2 Rapid-charge USB ports
- Output 1: DC 5.1V / 2.1 Amp
- Output 2: DC 5.1V / 2.1 Amp
- Input voltage: 100-240V AC, 50/60Hz

MP3459 33774474

4-PORT USB TRAVEL CHARGER

mbeat the new digital experience



- 34W Output capable of charging 4 devices at the same time
- Designed with interchangeable world travel adaptors (AU/US/UK/EU)
- DC 5V 2.4A x 2 & DC 5V 1A x 2

CHGR4U 33774482

6-PORT USB CHARGING STATION 50W

&ware



- 6 dedicated USB ports with built-in 51W power
- 3x 2.4A for tabs and 3x 1.0A for smart phones
- Multiple safety protection function over current protection, over voltage protection, short circuit protection, over temperature protection
- Auto-detect the charging current and well compatible with all different devices

LS6U 33774487

4-PORT USB CHARGING STATION

&ware



- 4 USB charging port for 4 devices charging or powering synchronously
- 2x DC 5V /1A USB charging port for iPhone / cellphone
- 2x DC 5V /2.4A USB charging port for iPad / tablet PC
- Built-in overvoltage / over current / leakage and short-circuit protection module

UH1042P 33774488

4-PORT USB CHARGING STATION

SANSAI



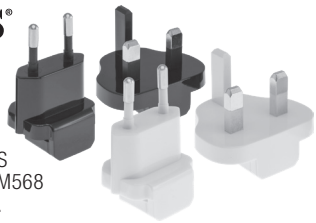
Auto regulated 0-2.4A per port, 4-ports total load 5V/4.2A/21W max.

- Compatible with iPhone 4/5/6/6+, iPad 2/3/4/Air/Air2, Galaxy series phones or tablets, HTC, SONY phones & Digital Camera

PAD4011AU 33774492

SPARE PLUG FOR TRAVEL CHARGERS

DOSS



Suits the DOSS SM534 and SM568 USB Chargers.

●	Spare EU plug	SM534BEU	33774582
●	Spare UK plug	SM534BUK	33774584
○	Spare EU plug	SM534WEU	33774592
○	Spare UK plug	SM534WUK	33774594

5V 6.8A QUAD USB CHARGER

DOSS



- 4x USB outputs
- Universal AC Voltage input: 100~240V AC
- Changeable AC Adaptors for world-wide use
- Massive 6.8 Amp output for charging high capacity devices
- AU and USA Adaptors included
- UK and EU plugs available separately

●		SM568B	33774600
○		SM568W	33774605

USB WALL CHARGER POWER BANK

ROCK



12 Watt / 3.4A wall charger with USB output for most rechargeable devices.

- Includes interchangeable adapters to fit international power outlets including USA/AU/EU/UK
- Built-in rechargeable lithium-ion 5,200mAh battery

AA6005 33774620

TYPE-C 18W PD QUICK CHARGER

DOSS



- Power delivery 18W max.
- 5V3A 9V2A 12V1.5A output
- USB Type C interface
- PD profile 2.0

SMPD18C 33774630

USB-C 45W WORLD TRAVEL CHARGER

mbeat the new digital experience



- International travel charger with Type-C
- Included with USB-C for Power Delivery Technology
- Included with multiple regional travel plugs for AU, US, UK & EU
- Built-in with 2 USB-A ports for fast and simultaneous charging

PD45 33774650

USB-C PD USB-A QUICK CHARGER

mbeat the new digital experience



- Power Delivery 2.0 & Qualcomm Quick Charge 3.0 fast charging technology
- 1x USB-C and 4x USB3.0-ports
- 80W

PD80 33774655

USB WALL & CAR CHARGING KIT

mbeat the new digital experience



- 2 adaptors with a cable, ideal for home, car and traveling
- 2.1A power charging for home and car charging

UCKA31W 33774660

CAR POWER

CIGARETTE LIGHTER EXTENSION LEADS



Plugs into 12V cigarette lighter.

- Use with air compressors, spot lights, cellular phones, video games, CD players & other 12V travel accessories
- For cars, trucks, RVs, boats & vans

3m	CLE3M	07053001
10m	CLE10M	07053002

CIGARETTE LIGHTER ADAPTOR



If you've lost your car lighter adaptor cable or need a spare one, then this could be your answer?
One end plugs into your car cigarette lighter and the other plugs into the device you want to run. The cable is fitted with a power-on indicator, a safety fuse and is 1.8 metres long. 8 adaptors are included. Unregulated output.

CLA01 07053005

UNDER DASH CIGARETTE LIGHTER



- Spare Lighter Socket easily mounts under dash with 2 screws (supplied)
- Simply clips onto existing wiring with Scotch Locks (supplied)

UDL01 07053008

CIGARETTE LIGHTER WITH BATTERY



This lead simply clips onto car battery terminals and has a cigarette lighter socket on the other end – Cable length 400mm.

LBC01 07053011

CIGARETTE LIGHTER TO DC PLUG



- 3A internal M205 fuse

1.5m	2.5mm	CLP25	07053018
0.5m	2.1mm (right angle)	CLP21R	07053015

UNDER DASH PANEL MOUNT USB



- Output: 5V 2.1A
- In-line fuse holder included
- Sealing washers/ gaskets included
- Mounting screws included
- Smart silver trim bezel included

PS2016 07053016

10A CIG. SOCKET MARINE GRADE



- Marine grade
- 10A
- With panel and surface mount brackets

PS2020 07053020

DUAL CIG. SOCKETS MARINE GRADE



- Marine grade
- 10A
- With panel and surface mount brackets

PS2022 07053022

CIG SOCKET WITH VOLTMETER 10A



- Marine grade
- 10A
- With panel and surface mount brackets

PS2024 07053024

CIG SOCKET WITH DUAL USB PORTS



- Marine grade
- 10A
- With panel and surface mount brackets

PS2026 07053026

PANEL MOUNT DUAL USB CHARGER



2-port USB Charger: 3.1A

- Panel mount: 60(W) x 42(H)mm
- Under dash bracket: 58(W) x 51(H) x 15(D)mm
- Surface mount hood: 55(W) x 80(L) x 50(H)mm

MP3616 07053028

DUAL CIGARETTE DC ADAPTOR LEAD



- Plug 2 car chargers at the same time into this Dual Car Charger and plug this to your car outlet and charge them both at the same time
- Flexible cable, can be faced in any direction
- Suitable for cell phone, GPS, iPod, and PDA

CIG2-FLEX 07053030

MOTORCYCLE CIG SOCKET MOUNT



Voltage Input: 12V DC.

- Current Output: 10A
- IP Rating: IP65

PS2126 07053032

MOTORCYCLE DUAL USB CHARGER



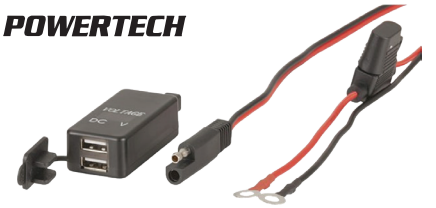
Voltage Input: 12V DC.

- USB Current Output (5V): 1x 2.1A & 1x 1A
- IP Rating: IP65
- Cable Length: 1.5m

PS2128 07053034

12 24VDC DUAL USB CHARGER

POWERTECH



Provides two USB charging outlets up to 3.1A max.

- LED Voltage Display
- Waterproof & Dustproof
- Invisible Voltmeter Design
- Input Voltage: 12V DC - 24V DC

PS2013 07053037

JUMP STARTER & 2A USB CHARGER

Camelion



Never get stranded with a dead battery.

- 12V Jump Starter
- Led Power indicator
- Inbuilt flashlight with 3 modes
- 2 Amp USB output
- 10 point safety Protection

SH990B	25180924

4-IN-1 JUMP STARTER 12V 17A



- 400A 12V Jump Starting
- 2x USB Charging Sockets
- 2x Cigarette Lighter Sockets
- Air Compressor with Tyre Inflator

MB3736	25180944

1000A 12V 24V JUMP STARTER

POWERTECH



Lithium battery jump starter.

- 12V / 24V compatible starting with automatic detection
- Peak Current: 12V 1000A / 24V 500A
- USB charging outlet and light

MB3759	25180948

12V 12A JUMP STARTER

POWERTECH



- 300A 12V Jump Starting
- 1x USB Charging Sockets
- 1x Cigarette Lighter Sockets

MB3734	25180953

LI-ION BATTERY CAR STARTER

DOSS®



The easiest way to revive a flat battery! Simply plugs in to your cigarette lighter socket!

- Safe and pocket sized
- Boosts your car's battery in just 20 minutes!
- Powerful Li-Ion battery
- 180° adjustable plug
- 2.4A USB port to charge phones or tablets

LCS14V	25180955

12-24V 2.4A USB CAR CHARGERS

DOSS®



- 2.4A Max. (per output)
- 5V DC output for charging USB Devices

2-port	2x 2.4A (4.8A total)	CC2USB48	33774010
1-port	2.4A	CC1USB24	33774000

6-PORT USB CAR CHARGER

Flujo



- Seamlessly charge 6 devices simultaneously while on the go
- 1.5m cable allows for backseat passengers to easily access the charger
- Smart IC Technology for each port
- 2.4A max. each port

PW5V	33774020

3-PORT 4.8AMP USB CAR CHARGER

mbeat



- 3-Port USB car charger in colourful design
- Designed to rapidly charge smart phone and tablet
- Charges more devices simultaneously
- Rapidly charging BC 1.2 compliant devices

348BLU	33774461	
348RED	33774462	
348YEL	33774463	

4-PORT USB RAPID CAR CHARGER

mbeat



4-Port 40W Rapid Car Charger with On/Off Switches.

- PowerWiz technology auto-detects your devices
- Individual power On/Off function design
- Delivers quickest possible charge for iPad, iPhone, Android phone or tablet

USBC480	33774476

DUAL USB AND CAR CHARGER

mbeat



- Includes free Velcro sticker
- Input voltage: DC 12V/24V
- Output current: 5A (total)
- Capable to work with 12V or 24V vehicle
- USB output voltage: 5V
- USB output current: Max. 3A (total)

USB-C202	33774480

QUICK CHARGE 2.0 CAR CHARGER

mbeat



Support QC 2.0 devices and also fast charge iPhone and iPad.

- Input: DC 12-18V
- Output: DC 5.0V, 2.4A
- QuickChargeTM 2.0 Output: 5V, 2.4A or 9V, 2A or 12V, 1.5A

MBCHGRQBS	33774472

USB TYPE-C CAR CHARGER

mbeat



Rapidly charge devices with USB Type-C port.

- Support QC 2.0 devices and also fast charge iPhone and iPad
- Type-C Output: DC 5.0V 3A
- QuickCharge™ 2.0 Output: 5V 2.4A, or 9V 2A, or 12V 1.5A

MBCHGRQBC	33774484

CUP HOLDER USB AND CIG CHARGER



- Output voltage: 12V DC
- 1.6m curly cord
- Maximum current: 10A (fused)
- USB outputs: 5V DC 1.0A + 0.5A (1.5A total)
- Dimensions: 76(dia) x 65(L)mm

PS2120	33774485

2.4A USB CHARGER KIT

LASER



2.4A/10W.

- 3-in-1 charging cable

PWUSB24F	33774495

3-WAY CIG CHARGER WITH 4 USB



- Power input: 12-24V DC
- 4 USB ports: 2x 2.4A + 2x 1A
- 3 Cig lighter sockets
- Power: 120W (max.)
- Cable: 1m

PP2120	33774499

REGULATED IN-CAR POWER ADAPTOR

Manson®



- Led power indicator. Input 9~30V DC
- Regulated input voltage
- Current capacity: 1500MA
- Output ranges: 1.5V, 3V, 4.5V, 6V, 7.5V, 9V & 12V DC
- Complete with the 7 most popular
- Positive or negative polarities

SDC2010	33774914

REGULATED CAR POWER ADAPTER



- Selectable voltage: 5, 6, 9 & 12V DC
- Supplies up to 5A
- Fuse protected
- Lead length: 1400mm

MP3478	33774916

DC-DC CONVERTER SWITCHING 24V

Manson®



- 13.8V Regulated Output Voltage
- Output 13.8V DC Output 8A(Cont.) /10A(Peak)
- Output overvoltage protection
- High Efficiency 88%
- LED Power ON indicator
- Power switch on and off

SDC210	33774918

CAR POWER DC ADAPTER 12V/24V

Manson®



Converts 12V/24V DC to 1.5/3/4.5/5/ 6/7.5/9/12V DC up to 3A output.

- Charging (up to 1.8A) iPad and Android based tablets
- Bundled with 7 sets of common DC plugs
- Microprocessor Control and Switching Mode designed
- Protects car battery from over discharge

SDC6203	33774923

SECURITY POWER

AC TO 12V DC POWER CONVERTER

DOSS®



- AC to DC 12V power converter with DC plug cable 500mA max.
- AC14-AC24 to DC12V, DC15-DC30 to DC12V (regulated)
- For DC type camera or video power sources convert using AC24V

PC500	33774925

AC/DC TO 12VDC POWER CONVERTER

DOSS®



- Input AC18-AC28V DC 18-40V
- Regulated 12V DC power output
- 2A max. output current

PC2A	33774932

1-IN 9-OUT POWER DISTRIBUTOR

DOSS®



- Individually protected PTC-type output fuse rated 1.1A@250V AC
- Individual status LED indicators
- Surge protected outputs
- Supports up to 1-30V AC/V DC
- Positive Temperature Coefficient - auto-reset current limiting

PD009	33774935

4A 8-PORT DC12V REGULATED POWER SUPPLY

DOSS®



- 8-Port Voltage output
- Red LED for Main power and Individual Green LED for power indication
- Individual PTC 1.1A, (2.5A/4sec.) fuse on each output protection
- Built-in Surge Protection
- 3Ah backup battery built-in
- Overall Dimension: 330x210x89.5mm

4A / 8CH	Built-in 3Ah battery	PW408U	33774945

WALL PANEL REGULATED POWER SUPPLY

DOSS®



- Individual protected PTC type fused outputs (1.1A at 2.5A/4sec)
- Regulated 12V DC Output
- Overall Dimension: 224x200x60mm

16CH	8A	224x200x60mm	PW816S-12R	33774955
8CH	4A	224x200x60mm	PW408S-12R	33774950

12V DC POWER SUPPLY CABINET

DOSS®



Easily manage the power to multiple CCTV cameras at a central point.

- Wall mount power supply box
- Universal AC input range: 96-264V AC
- Short circuit, over current and overload protection
- High quality cooling fin to reduce power consumption
- Extra AC jack on the side of box

4-way	5A		PW0412B05	33774960
4-way	5A	With UPS	PWU0412W05	33775000
8-way	10A		PW0912B10	33774967
8-way	10A	With UPS	PWU0812W10	33775005
16-way	16A		PW1612B16	33774990
16-way	16A	With UPS	PWU1612W16	33775015

UPS POWER SUPPLY

OFFLINE UPS

12V 18W MINI DC UPS

PowerShield



- Built-in replaceable Li-ion battery
- Auto start when plugged in
- Embedded micro-controller
- Multi-colour indicator
- Manual power off switch port
- Overload, short-circuit, over-charge and over-charge protection

PSDCMINI12/18	33779495

UPS STANDBY POWERBOARD

EATON



- 6 AUST outlets for easy connection of a typical computer configuration or Home Cinema/Hi-Fi/video equipment
- Service continuity: 10 to 20 min battery backup for a typical PC ensures clean internet transactions and download in any
- Replaceable battery
- USB port (cable supplied), HID compliant for automatic integration into major OS (Windows/MacOS/Linux)
- Protects data lines as well: Tel/Modem Internet (including ADSL) line protection + Ethernet
- Reset button (circuit breaker)
- Wall mounting system

550VA	330W	3S550AU	33779500
700VA	420W	3S700AU	33779503

DOMESTIC LINE INTERACTIVE UPS

750VA UPS WITH 3-PIN PLUG INPUT

UPSONIC POWER



- Secures your data from loss
- Fast charging in 4 hours (to 90%)
- Built-in Smart RS232 and USB port
- Network/Modem Surge Protection
- Input Voltage: 230V AC
- Output Voltage Range: 230V AC ± 10%
- Battery Type: 12V/9AH x 1 Lead Acid, maintenance free

ORION750	33779205

DOMESTIC LINE INTERACTIVE UPS

UPSONIC POWER



- Microprocessor control: Guarantees high reliability and efficient operation
- Equipped with Buck and Boost AVR: To stabilise input voltage & extend battery life
- Auto restart on AC recovery
- Comprehensive Warranty: 3 Year Warranty (2 Years on battery)
- Input Voltage 230V AC
- Output Voltage (AC Mode) 230V AC +15% to -10%

VA	Watts	Outlets	Dimensions	Weight	Model	Code
600VA	360W	2x GPO	140x100x330mm	6.0kg	DSV600	33779230
800VA	480W	2x GPO	140x100x330mm	6.5kg	DSV800	33779235
1000VA	600W	3x GPO	205x145x390mm	14.0kg	DSV1000	33779240
2000VA	1080W	3x GPO	205x145x390mm	16.0kg	DSV2000	33779251

UPSONIC UPS WITH RS232

UPSONIC POWER

A high quality, compact and affordable UPS suitable for workstations, small businesses, POS equipment, roller window shutters, etc.



- 220-240V AC Input/Output
- LCD Display with alarm functions for Battery Mode, Low Battery, Overload, Fault, etc.
- 1 Year Warranty
- Auto Restart & Recharge with the ability to download Power Management Software from the internet
- Features Automatic Voltage Regulation and Cold Start function
- Interface: 1x RS232, 1x HID Compliant USB, 2x (Input & Output) RJ45/RJ11, 2x Australian 3-pin socket outlets
- Dimensions: 286(D) x 96(W) x 138(H)mm

GD800	33779233

LINE INTERACTIVE TRUE SINE

TRUE SINE-WAVE COMMERCIAL UPS

UPSONIC POWER



- Pure Sine Wave Output on battery: Ensures highest level of power output quality
- Intelligent Interactive LCD control panel: For ease of use
- Protection overload, overheat, surges, spikes, shortcircuit, over charge
- 98% Efficiency in Eco mode
- Multiple interface options RS232/ RS485/MOBUS/USB/SNMP
- Cold start Starts on battery, no mains power required

VA	Watts	Outlets	Dimensions	Weight	Type	Model	Code
1000VA	625W	6x IEC-C19	88x440x465mm	16.0kg	2RU	ESART10	33779317
2000VA	1250W	6x IEC-C19	88x440x465mm	24.5kg	2RU	ESART20	33779322
3000VA	1875W	10x IEC-C19	132x440x465mm	36.9kg	3RU	ESART30	33779324
5000VA	3125W	5x IEC-C19 / Terminal	132x440x465mm	34.6kg	3RU	ESALR50	33779338
7500VA	4688W	5x IEC-C19 / Terminal	132x440x465mm	34.6kg	3RU	ESALR75	33779340
1000VA	625W	3x IEC	210x145x380mm	16.5kg	Tower	ESAT10	33779308
1500VA	938W	3x IEC	210x145x445mm	17.5kg	Tower	ESAT15	33779311
2000VA	1250W	6x IEC	210x145x445mm	22.5kg	Tower	ESAT20	33779314

ONLINE UPS

CIRRUS TRUE ONLINE CLOUD SERIES UPS

UPSONIC POWER



True On-Line Tower UPS 1kVA to 10kVA.

- High output power factor rating with improved efficiency
- Fully regenerated sine wave output independent of utility supply
- Models ranging from 1kVA to 10kVA with external battery packs available
- Virtualisation ready software solutions Hyper-V and VMware compatible
- Innovative design with user friendly LCD screen
- Extensive communication options available: RS232, Dry Contact, USB, SNMP

VA	Watts	Outlets	Dimensions	Weight	Type	Model	Code
1000VA	800W	2x GPO	145x400x220mm	13kg	Tower	CSCT1000	33779381
2000VA	600W	4x GPO	192x460x347mm	31kg	Tower	CSCT2000	33779383
3000VA	2700W	4x GPO + 1x IEC	192x460x347mm	31kg	Tower	CSCT3000	33779385

CIRRUS TRUE ONLINE CLOUD SERIES LONG-RUN

UPSONIC POWER



- No Internal Batteries
- 8 Amp Charger
- Requires External Battery cabinet

VA	Watts	Outlets	Dimensions	Weight	Type	Model	Code
1000VA	900W	8x IEC	438x86.5x435mm	8.4kg	2RU	CSCRT1000LR	33779388
2000VA	1800W	8x IEC	438x86.5x435mm	9.3kgh	2RU	CSCRT2000LR	33779390
3000VA	2700W	8x IEC + 1x 15A	438x86.5x605mm	13kg	2RU	CSCRT3000LR	33779392
1000VA	800W	2x GPO	145x400x220mm	7kg	Tower	CSCT1000LR	33779382
2000VA	600W	4x GPO	192x460x347mm	13kg	Tower	CSCT2000LR	33779384
3000VA	2700W	4x GPO + 1x IEC	192x460x347mm	13kg	Tower	CSCT3000LR	33779386

CIRRUS TRUE ONLINE RACK/TOWER UPS

UPSONIC POWER



- High Output Power factor rating with improved efficiency
- Models ranging from 1Kva to 10Kva with external Battery Packs available
- Virtualisation ready software solutions Hyper-V and VMware compatible
- Extensive Communication options available RS232 – Dry Contact – USB - SNMP
- Innovative design with user-friendly LCD screen

VA	Watts	Outlets	Dimensions	Weight	Type	Model	Code
1000VA	900W	8x IEC	438x86.5x435mm	16.2kg	2RU	CSCRT1000	33779387
2000VA	1800W	8x IEC	438x86.5x435mm	19.7kg	2RU	CSCRT2000	33779389
3000VA	2700W	8x IEC + 1x 15A	438x86.5x605mm	27.8kg	2RU	CSCRT3000	33779391
6000VA	5400W	4x IEC + 2x 15A	438x129x698mm	46kg	3RU	CSCRT6000	33779393
10000VA	9000W	8x 15A	438x215.5x704mm	82.5kg	4RU	CSCRT10000	33779394

BATTERY CABINET TO SUIT

UPSONIC POWER



Cloud Series - Cirrus Tower LR Battery Cabinet 2 & 3KVA (includes 16x 12V/7AH batteries).

Suits CSCT2000LR/3000LR	2000/3000VA	CSCTBP2/3	33779398

UPS ACCESSORIES

UPS ACCESSORIES

UPSONIC POWER

3RU Battery pack for ELSR Series UPS (required for all ESLR Models)		ESBP3RU	33779342
12-unit 4RU Battery Cabinet		BCIRT4U7	33779402
8-unit 2RU Battery Cabinet		BCRM2U	33779400
Maintenance Bypass Switch to suit Tower UPS		V-MBSPDU-T	33779418
Maintenance Bypass Switch to suit Rack Mount UPS		V-MBSPDU-R	33779419
SNMP Card to suit Cloud Series UPS		CSNMC	33779396
SNMP Card to suit ESAT Series UPS		ESSNMP	33779399
SNMP Card to suit ESART UPS		NETAGENT	33779395

POWER DISTRIBUTION UNIT

EATON

No hassle solution for improving availability and adding flexibility for single phase UPSs.

- Current rating: 16A
- Dimensions: 44(H) x 483(W) x 80(D)mm



FLEXPDU 33779414

SOLAR POWER

12V 2W 180X340 SOLAR PANEL



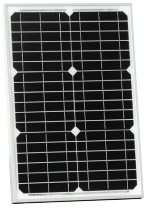
Size: 162x315mm.

- Voltage: 13-18V
- Current: 100-150mA
- Temp range: - 50°C to +70°C
- Power: 1.2-2.4W
- Depends on light intensity
- Warranty: 1 Year

ZM9024 38371108

SYMMETRY 20W 12V SOLAR PANEL

SOLARWATT®



Small Solar panel with junction box.

- Wattage: 20W
- Nominal Voltage: 12V
- IP65 Junction Box without leads

SYM20W 38371645

120W FOLDING SOLAR PANEL

SOLARKING



Latest mono-crystalline cell technology.

- Compact, sturdy and lightweight
- Adjustable fold away support legs
- 5 metre lead with clips
- 2 Year Warranty

6584 38371492

TRANSFORMERS

LIGHTING

60VA 12V ELECTRONIC LIGHTING

NELSON



- For use with filament lamps
- Input: 230~240V 50Hz
- Output: 12 Volts, 60 Watts
- Dimmable with leading edge or trailing edge dimmer
- Self resetting short circuit and overload protection (Secondary side)

LT60 54153060

MAINS

CENTRE TAPPED MAINS TRANSFORMER

Stadium



- Insulation: Class E (120°C)
- Magnetising current: <30mA
- Temperature rise: <65°C
- Regulation: ~7.5%

Primary (V)	Secondary (VA total)	Secondary (V)	Dimensions (HxWxD)	Mounting centres	Weight	Fuse	Primary terminal	Secondary terminal	Model	Code
240V	1.9VA	12.6V (6.3V–0V–6.3V)	32x54x32mm	46mm	0.124kg	Internal/Thermal	200mm lead	200mm lead	TF06474	54152549
240V	6.3VA	12.6V (6.3V–0V–6.3V)	42x72x42mm	59mm	0.315kg	Internal/Thermal	200mm lead	200mm lead	M2853L	54150806
240V	3.6VA	24V (12V–0V–12V)	36x67x42mm	55mm	0.235kg	Internal/Thermal	200mm lead	200mm lead	M2854L	54150808
240V	3.78VA	12.6V (6.3V–0V–6.3V)	36x67x42mm	55mm	0.235kg	Internal/Thermal	200mm lead	200mm lead	M2852L	54150804
240V	1.89VA	12.6V (6.3V–0V–6.3V)	32x56x37mm	46mm	0.145kg	Internal/Thermal	200mm lead	200mm lead	M2851L	54150800

MULTI-TAPPED MAINS TRANSFORMER



- Insulation: Class E (120°C)
- Magnetising current: <60mA
- Temperature rise: <60°C
- Regulation: ~10%

Primary (V)	Secondary (VA total)	Secondary (V)	Dimensions (HxWxD)	Mounting centres	Weight	Fuse	Primary terminal	Secondary terminal	Model	Code
240V	2x 50VA	2x 15V (0V-12V-15V)	68x99x77mm	87x28mm	1.6kg	Internal/Thermal	200mm lead	Solder tags	M2170L	54150883
240V	2x 30VA	2x 12V (0V-9V-12V)	60x94x84mm	82x24mm	1.4kg	Internal/Thermal	200mm lead	Solder tags	M2165L	54150864
240V	15VA	6.3-7.5-8.5-9.5-12.6-15V	51x80x51mm	72mm	0.478kg	Internal/Thermal	Solder tags	Solder tags	TF02155T	54152581
240V	30VA	6-9-12-15V	55x103x62mm	85mm	1.0kg	Internal/Thermal	200mm lead	Solder tags	M2156L	54150824
240V	30VA	15-17.5-20-24-27.5-30V	59x103x64mm	85mm	1.0kg	Internal/Thermal	200mm lead	Solder tags	M6672L	54150848
240V	15VA	6.3-8.5-9.5-12.5V	50x85x52mm	71mm	0.555kg	Internal/Thermal	200mm lead	Solder tags	M2155L	54150820

24V 3A MAINS TRANSFORMER



- Total VA rating: 72VA
- Magnetising current: <85mA
- Temperature rise: <65°C
- Insulation: Class E (120°C)
  Magnetising current: <85mA
- Regulation: ~10%

Primary (V)	Secondary (VA total)	Secondary (V)	Dimensions (HxWxD)	Mounting centres	Weight	Fuse	Primary terminal	Secondary terminal	Model	Code
240V	72VA	24V	60x94x81mm	82x24mm	1.4kg	Internal/Thermal	200mm lead	Solder tags	M2158L	54150814

PCB MOUNT

DUAL SECONDARY PCB TRANSFORMERS

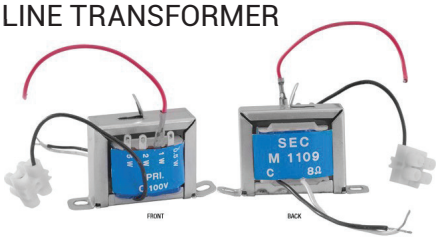


- Primary voltage: 240V AC
- Insulation: Class B (130°C)
- Magnetising current: <30mA
- Regulation: 11%

Type	Primary (V)	Secondary (VA total)	Secondary (V)	Dimensions (HxWxD)	Weight	Fuse	Primary terminal	Secondary terminal	Model	Code
Multi-Tapped	240V	10VA (2x 5VA)	2x 12V	37x48x40mm	0.250kg	Internal/Thermal	PCB Mount	PCB Mount	M7264	54151582
Multi-Tapped	240V	10VA (2x 5VA)	2x 6V	37x48x40mm	0.250kg	Internal/Thermal	PCB Mount	PCB Mount	M7252	54151570
Multi-Tapped	240V	10VA (2x 5VA)	2x 7.5V	37x48x40mm	0.250kg	Internal/Thermal	PCB Mount	PCB Mount	M7255	54151574
Multi-Tapped	240V	10VA (2x 5VA)	2x 9V	37x48x40mm	0.250kg	Internal/Thermal	PCB Mount	PCB Mount	M7258	54151578
Multi-Tapped	240V	10VA (2x 5VA)	2x 15V	37x48x40mm	0.250kg	Internal/Thermal	PCB Mount	PCB Mount	M7270	54151586
Multi-Tapped	240V	7VA (2x 3.5VA)	2x 9V	38x48x40mm	0.265kg	Internal/Thermal	PCB Mount	PCB Mount	M7118A	54151136
Multi-Tapped	240V	7VA (2x 3.5VA)	2x 12V	38x48x40mm	0.265kg	Internal/Thermal	PCB Mount	PCB Mount	M7124A	54151142
Multi-Tapped	240V	7VA (2x 3.5VA)	2x 7.5V	38x48x40mm	0.265kg	Internal/Thermal	PCB Mount	PCB Mount	M7115A	54151133
Multi-Tapped	240V	7VA (2x 3.5VA)	2x 15V	38x48x40mm	0.265kg	Internal/Thermal	PCB Mount	PCB Mount	M7130A	54151150
Multi-Tapped	240V	7VA (2x 3.5VA)	2x 7.5V	35.5x41x34mm	0.150kg	Internal/Thermal	PCB Mount	PCB Mount	750715G	54151526

SPEAKER

5W 100V LINE TRANSFORMER

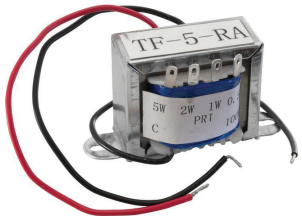


- Tappings for: 5, 2, 1 & 0.5 Watts (Output power is halved on 70V line)
- Frequency Response: 30Hz ~ 20kHz
- Mounting Holes: 51mm

MX306	60164301

100V LINE TRANSFORMER

DOSS®

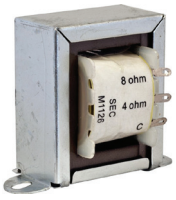


- Multiple tappings to match your speaker
- RoHS Compliant

100V	0.5/1/2/5W	Lead and solder terminals	LT5W	60164710
100V	5/10/20/30W	Solder terminals	LT30W	60164725

30W 100V LINE TRANSFORMER

- 30 Watt 100V line speaker transformer with multi-tapped primary and secondary taps to
- Frequency Response: 30Hz - 20kHz ±3dB
- Secondary Taps: 4 & 8Ω
- Power Taps: 5W, 10W, 20W, 30W



M1126A	60164817

TOROIDAL

TOROIDAL TRANSFORMERS

TorTech
Total Transformer Solutions

- Primary Voltage: 240V AC
- Higher efficiency enabling conservative ratings whilst maintaining size advantages
- 100% electrical and flash tested
- Supplied with mounting kit – Simple quick single bolt mounting



Secondary (V)	Secondary (I)	Rating	Size (ØxH)	Weight	Model	Code
2x 25V	1.6A	80VA	Ø93x38mm	0.9kg	2X25V80	54151316
2x 18V	2.2A	80VA	Ø93x38mm	0.9kg	2X18V80	54151308
2x 12V	3.3A	80VA	Ø93x38mm	0.9kg	2X12V80	54151301
2x 12V	6.7A	160VA	Ø105x42mm	1.5kg	2X12V160	54151350
2x 25V	3.2A	160VA	Ø105x42mm	1.5kg	2X25V160	54151366
2x 18V	4.45A	160VA	Ø105x42mm	1.5kg	2X18V160	54151358
2x 40V	2A	160VA	Ø105x42mm	1.5kg	2X40V160	54151374
2x 40V	3.75A	300VA	Ø115x58mm	2.3kg	2X40V300	54151432
2x 25V	6A	300VA	Ø115x58mm	2.3kg	2X25V300	54151416
2x 18V	8.3A	300VA	Ø115x58mm	2.3kg	2X18V300	54151408
2x 12V	12.5A	300VA	Ø115x58mm	2.3kg	2X12V300	54151401

ISOLATING TRANSFORMERS

ISOLATION TRANSFORMER WITH ELECTROSTATIC SCREEN

TorTech
Total Transformer Solutions



- All units are high quality Australian Made
- All units include a noise minimising electrostatic screen, suitable for audio noise reduction
- Applications include Earth Loop removal in audio systems and the elimination of boating electrolysis
- Input voltage 240V ±10% 50Hz. Australian flex and plug
- Output voltage 240V Unregulated; Australian female chassis socket
- All units are made to AS/NZS 61558

Rating	HxWxD	Weight	Model	Code
300VA	120x150x240mm	4.5kg	ISO300ES-240V	54153600
600VA	140x150x280mm	5kg	ISO600ES-240V	54153605
1000VA	150x235x300mm	10kg	ISO1000ES-240V	54153610
2000VA	150x235x300mm	16kg	ISO2000ES-240V	54153615

MEDICAL APPROVED ISOLATION TRANSFORMER

TorTech
Total Transformer Solutions



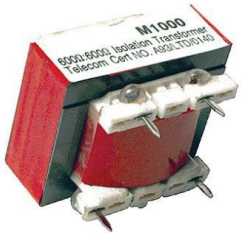
All earthing tested to check the grounding to case.

- Conformity with UL 544, Paragraph 19.4C or E; suitable for patient-care equipment
- Input IEC Fused Receptacle
- Output: IEC receptacle or Australian Flush Mounted Socket
- All units have a thermal cutout on the input side

Rating	HxWxD	Weight	Model	Code
500VA	140x150x280mm	5.5kg	MED500-240V	54153700
1000VA	146x230x300mm	10kg	MED1000-240V	54153705
2000VA	146x230x300mm	16kg	MED2000-240V	54153710

600/600 LINE ISOLATION

600Ω - 600Ω Isolation Transformer.

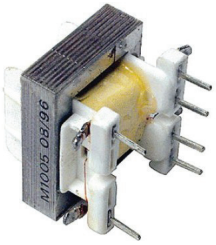


- Used to provide isolation between Telstra lines and mains operated equipment
- Austel Approved
- Turns Ratio: 1:1
- Impedance: 600Ω line, 600Ω Equip.
- Max Level: 0dBm @ 300Hz ~ 5kHz
- Insertion Loss: 1dB max @ 0dBm, 300Hz

M1000	54155995

600/600 OR 150 LINE ISOLATION

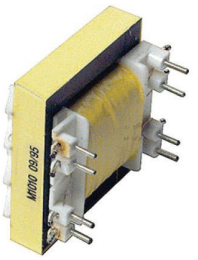
600Ω - 150/600Ω Isolation Transformer.



- Austel Approved
- Impedance: 600Ω line, 150 or 600Ω Equip.
- Max Level: +20dBm @ 200Hz
- Turns Ratio: 1:1
- Insertion Loss: 1dB max @ 0dBm
- Freq Response: 200Hz~3kHz ±1dB, 0dBm, 0DC

M1005	54156001

600/600 OR 150 LINE ISOLATION



150/600Ω - 150/600Ω Isolation Transformer.

- Austel Approved
- Impedance: 150 or 600Ω line, 150 or 600Ω Equip.
- Turns Ratio: 1:1
- Max Level: +20dBm @ 200Hz
- Insertion Loss: 1dB max @ 0dBm
- Freq Response: 200Hz~3kHz ±1dB, 0dBm, 0DC

M1010 54156005

FUSES

STEP-DOWN TRANSFORMER SPARE FUSES



Replacement fuses for TorTech step-down transformers.

2A	Suits SD110-250W	SDF2	12954291
4A	Suits SD100-300W	SDF4	12954294
10A	Suits SD110-2000W	SDF10	12954297

POWER CONVERTERS

INVERTERS

600W TRUE SINE WAVE INVERTER

TorTech
Total Transformer Solutions



- Voltage Range 10-15V DC
- No Load Current Draw < 0.8A
- Reverses Polarity Protection
- Over Temperature protection

Rated input	Power	Waveform	Dimensions (HxWxL)	Weight	Outlets	Input range	Output	Model	Code
12V	600W	True sine	70x150x210mm	1.5kg	1x AU GPO	10-15V	240V AC	INVTPS0612	33778800

TRUE SINE-WAVE INVERTER

DOSS®



Best suited for sensitive items such as laptop computers, stereos, laser printers, medical electronics, multi-stage timers and rechargeable tools.

- Over / under battery voltage protection
- Automatic low voltage shutdown saves permanent battery damage
- Audible low voltage warning
- Leaves enough power in your battery to start a vehicle

Rated input	Power	Waveform	Dimensions (HxWxL)	Weight	Outlets	Input range	Output	Model	Code
12V	300W	True sine	210x147x66mm	1.4kg	1x AU GPO	10.5-16.5V	240V AC	TSI300	33779095
12V	600W	True sine	83x236x335mm	2.46kg	1x AU GPO	10.7-15V	240V AC	TSI600	33779098

MODIFIED SINE-WAVE INVERTER

DOSS®



Transforms your 12V car battery into a 240V AC outlet.

- Cigarette lighter plug to easily connect to your cars 12V outlet
- Run many AC appliances like a TV, DVD, stereo and more from any 12V power source
- Battery Low Shutdown
- Over Thermal Protection
- Output Short & Battery Polarity Protection by Fuse

Rated input	Power	Waveform	Dimensions (HxWxL)	Weight	Outlets	Input range	Output	Model	Code
12V	150W	Modified sine	70x77x155mm	0.52kg	1x AU GPO	10-15V	240V AC	PIN150	33779105
12V	600W	Modified sine	67x175x290mm	2.4kg	1x AU GPO	10-15V	240V AC	PIN600	33779109
12V	1200W	Modified sine	85x210x320mm	3.9kg	2x AU GPO	10-15V	240V AC	PIN1200	33779117

150W 12VDC-240VAC CAN INVERTER

DOSS®



Coke can shaped unique design allows you to run AC appliances from your car's 12V power source. Ideal for running your laptops, fans, chargers and more from your vehicle.

- USB port for charging MP3 players, mobile phones or any compatible USB powered products
- Output Power: 100W continuous
- Output Voltage: AC 240V
- Output Waveform: Modified Sine Wave
- Automatically switches off when the voltage of the car battery is low, so your car battery does not run flat

PPIN150USB 33779020

300W 12VDC-240VAC INVERTER

DOSS®



Converts your car's 12V DC into 240V AC.

- USB port for charging MP3 players, mobile phones or any compatible USB powered products
- Automatically switches off when the voltage of the car battery is low, so your car battery does not run flat
- Output Power: 300W continuous
- Output Voltage: AC 240V
- Output Waveform: Modified Sine Wave

PIN300USB 33779025

1000W 12VDC-240AC INVERTER

DOSS®



12V DC - 240V AC 1000W Inverter.

- 12V 3A battery charger with indicator
- 10A solar charger

PIN1000C 33779119

TSI 600 REMOTE CONTROL

DOSS®



Remote control to suit TSI600 inverter.

- Allows you to remotely turn the TSI600 on or off

TSI600RC 33779101

PIN1200 REMOTE CONTROL

DOSS®



Remote control to suit PIN1200 inverter. Allows you to remotely turn the inverter on/off.

- Dimensions: 72(L) x 38(W) x 25(H)mm
- Cable length: 6m
- Weight: 150g

6m Remote control to suit PIN1200RC 33779127

400W INVERTER 24VDC-230VAC



- Modified sine wave
- Quick Charge USB Port
- Includes battery lead with alligator clips
- Modernised design, portable and easy operation

MI5135 33779128

42A PORTABLE POWER CENTRE

POWERTECH



- 100W 240V Inverter (modified sine wave)
- 12VDC to 3 separate points. 9-12V at up to 15A
- 3x USB charging ports (Up to 6A shared)
- Bright LED camping light built-in

MB3748 33779030

150W CAN INVERTER

POWERTECH



- Powered by cigarette lighter socket adaptor
- Modified sine wave
- USB Output: 5V DC 2.1A
- Dimensions: 165 x Ø60mm

MI5127 33779129

150W CUP POWER INVERTER

Energizer



- AC Output Power: 150W (300W Peak)
- USB Output: 4 x 5V DC 2.4A (9.6A total)

MI5020 33779131

500W 12VDC-230VAC INVERTER

Energizer



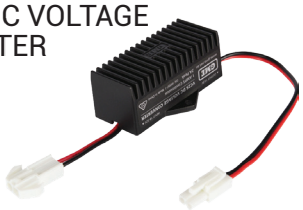
- Modified sine wave
- Lighter Socket or Alligator Lead Input
- USB Output x 4

MI5021 33779137

VOLTAGE REDUCERS

24/12V DC VOLTAGE CONVERTER

GME



24V / 12V DC Voltage converter, designed for UHF radio installations in heavy vehicles.

- 24V / 12V Switch mode operation
- Reverse polarity protection
- Output: Voltage 13.6V
- Quick and easy installation

VC2S 33778016

4 AMP DC-DC VOLTAGE CONVERTER

GME



An innovative concept in Voltage Converters, with built-in protection for equipment and vehicle electrics.

- 24V - 13.2V Switch mode operation
- High performance, high reliability
- Overload Protection

VC4S 33778018

20-30VDC TO 13.8VDC

DOSS®



- DC to DC Converter with over voltage and overcurrent protection circuitry
- Input Voltage: 20 ~ 30 Volts DC
- Output Voltage: 13.8 Volts DC
- Output: 7 Amp ~ 8 hours under DC 24V
- Dimensions (WHD): 125x45x120mm

DD107 33777990

STEPDOWN TRANSFORMERS

115V 50W STEPDOWN TRANSFORMER



- Application: Ideal for operating equipment using USA 110V plug packs
- Two pin US socket on unit for 110V appliance and cord plug for 240V power
- Primary Voltage: 240V
- Secondary Voltage: 115V
- Rated VA: 50

MF1091 54153079

100V 50W JAPANESE VOLTAGE

TorTech
Total Transformer Solutions



- Converts Voltage down from 240 Volts to 100 Volts for Japan

SD100-50W 54153395

USA STEPDOWN AUTO-TRANSFORMER

TorTech
Total Transformer Solutions

- Application: Ideal for operating equipment using USA 110V plug packs
- Overheat protection. If the unit gets too hot, the thermal fuse will open, then close after unit cools down, restoring operation
- Two pin US socket on unit for 110V appliance
- Primary Voltage: 240V, Secondary Voltage: 115V
- Not Dielectrically Isolated


SD110-A100W


SD100-A500W


SD110-A1500W


SD110-A2400W

Rating	Max Output (I)	HxWxD	Weight	Outlets	Model	Code
100W	0.9A	71x92x134mm	1.5kg	1x	SD110-A100W	54153090
300W	2.7A	91x158x168mm	3.5kg	1x	SD110-A300W	54153095
500W	4.5A	105x159x176mm	4.5kg	1x	SD110-A500W	54153100
1010W	9.1A	128x162x209mm	7kg	2x	SD110-A1010W	54153105
1500W	13.6A	130x182x230mm	10kg	2x	SD110-A1500W	54153110
2000W	18.2A	130x182x230mm	12kg	2x	SD110-A2000W	54153115
2400W	21.8A	150x230x300mm	16kg	2x	SD110-A2400W	54153118

ISOLATED USA STEPDOWN TRANSFORMER

TorTech
Total Transformer Solutions

- All our Stepdowns come with a 1 Year Money Back Warranty
- Overheat protection. If the unit gets too hot, the thermal fuse will open, then close
- Primary Voltage: 240V, Secondary Voltage: 115V
- USA female socket single up to 1000VA, two for 2000VA
- Dielectrically isolated


SD110-50W


SD110-250W


SD110-1010W


SD110-2400W

Rating	Max Output (I)	HxWxD	Weight	Outlets	Model	Code
50W	0.5A	70x90x130mm	1kg	1x	SD110-50W	54153195
100W	0.9A	91x158x168mm	3.5kg	1x	SD110-100W	54153208
250W	2.3A	105x159x176mm	4.5kg	1x	SD110-250W	54153216
500W	4.5A	128x162x209mm	7kg	1x	SD110-500W	54153224
1010W	9.1A	130x182x230mm	10kg	2x	SD110-1010W	54153232
2000W	18.2A	160x230x300mm	16kg	2x	SD110-2000W	54153240
2100W	21.8A	160x230x300mm	19kg	2x	SD110-2400W	54153245
3500W	32.0A	235x285x350mm	32kg	2x	SD110-3500W	54153250

JAPANESE AUTO STEPDOWN

TorTech
Total Transformer Solutions

- All our Stepdowns come with a 1 Year Money Back Warranty
- Overheat protection. If the unit gets too hot, the thermal fuse will open then close
- Converts Voltage down from 240 Volt to 100 Volt Japanese
- Not Dielectrically isolated


SD100-500A


SD100-1010A


SD100-2000A

Rating	Max Output (I)	HxWxD	Weight	Outlets	Model	Code
500W	5.0A	210x158x115mm	4.9kg	1x	SD100-500A	54153392
1010W	10.0A	240x160x130mm	7.4kg	2x	SD100-1010A	54153393
2000W	20.0A	260x185x130mm	12.3kg	2x	SD100-2000A	54153394

ISOLATED JAPANESE VOLTAGE TRANSFORMER

TorTech
Total Transformer Solutions

- For appliances up to 2000W
- Converts Voltage down from 240 volt to 100 volt Japan
- Fuse protected on the 240 volt side
- Built to Australian standard AS 3108
- Dielectrically isolated



Rating	Max Output (I)	HxWxD	Weight	Outlets	Model	Code
100W	1.0A	91x158x168mm	3.5kg	1x	SD100-100W	54153400
300W	3.0A	105x159x176mm	4.5kg	1x	SD100-300W	54153405
500W	5.0A	128x162x209mm	7kg	1x	SD100-500W	54153410
1010W	10.0A	130x182x230mm	10kg	1x	SD100-1010W	54153415
1500W	15.0A	160x230x300mm	13kg	2x	SD100-1500W	54153420
2000W	20.0A	160x230x300mm	16kg	2x	SD100-2000W	54153425

PLUGS, SOCKETS & ADAPTORS 366
FIBRE 366
DIGITAL 366
PHONO (2.5/3.5/6.3MM) 367
RCA 370
BANANA 371
XLR 372
MICROPHONE 374
POWER / SIGNAL 374
INDUSTRIAL 375
PDN & SPEAKON 376
DIN / S-VIDEO 377
DC POWER 377
D-SUB 379
VGA / SCART 381
TV / PAL / F-TYPE 381
BNC 384
UHF / N / TNC 385
FME / SMA 387
MODULAR & USB 389
HEADER 391
IC 391
QUICKCAP 391
WALL PLATES 392
SPEAKER WALL PLATES 392
AV EXTENDER WALL PLATES 392
AV WALL PLATES 393
TV WALL OUTLETS 395
POWER WALL PLATES 396
BLANK WALL PLATES 397
WALL PLATE MECHS 399
IN-WALL BOX 402
MODULAR WALL PLATES 397
BOARDS & ACCESSORIES 402
BUZZERS 403
BOXES & CASES 403
CAPACITORS 404
CERAMIC 404
ELECTROLYTIC 405
MAINS SUPPRESSION 406
TANTALUM 406
TRIMMER 406
POLYESTER 406
MOTOR START 407
CLIPS 407
CRYSTALS 408
LEDS 408
GROMMETS 409
HEAT SINK 409
INDICATORS 409
KNOBS 410
POTENTIOMETERS 410
STANDARD 410
TRIM 411
MULTITURN 411
RELAYS 412
RELAY ACCESSORIES 413
RESISTORS 413
1/4 WATT METAL FILM 414
2 WATT 414
5 WATT 415
10 WATT 415
SEMICONDUCTORS 415
OP-AMPS 415
LINEAR ICS 416
74 / 74LS SERIES 416
74HC SERIES 416
4000 SERIES 417
RECTIFIERS/DIODES 417
ZENER DIODES 417
BRIDGE RECTIFIERS 418
TUBES 418
THYRISTORS / DIAC / TRIAC 418
TRANSISTOR MOUNTING KITS 418
TRANSISTORS NPN 418
TRANSISTORS PNP 419
TRANSISTOR FETS 419
TRANSISTORS DARLINGTON 419
VOLTAGE REGULATORS 419
OPTO COUPLERS 419
DISPLAY DRIVERS 419
EPROM 420
VARISTORS 420
SWITCHES 420
ROCKER 420
TOGGLE 420
MICRO 421
PUSH BUTTON 422
TAMPER 423
PCB MOUNT 423
ROTARY 424
DIP 424
KEY 424
SLIDER 424
TERMINALS 424
SCREW & POST 424
LUGS 425
PCB MOUNT 428
BLOCKS & STRIPS 428
FILTERS 429
COOLING FANS 430

COMPONENTS

NEW PRODUCTS

UHF SOCKET SO239 TO FME SOCKET



Adaptor to connect FME female to female SO239.

- Fits a fixed mount radio with an on-board FME antenna socket (TX3120S currently)

AD513 30257387

SINGLE SURFACE MOUNT BOX



Surface mount for any 45x45 mm standard sized matrix control panels, volume controllers and connection plates.

- Material: ABS plastic
- Mounting cutout: 45x45mm
- Dimensions: 79(W) x 79(H) x 46(D)mm
- Available Colours: White & Black

○ WB45SW 39893857
● WB45SB 39893855

SURFACE MOUNT DOUBLE BOX



Surface mount installation for any 45 x 45 mm sized matrix control panel, volume control, connection plates.

- Includes a metal subframe
- Available in White or Black

WB45DW 39893838

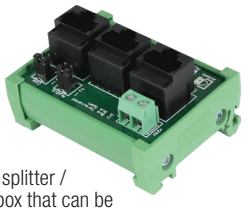
HDMI SOCKET TO DVI PLUG



- Allows HDMI signals to be converted into DVI-D signals
- Internal PCB Based circuit for accuracy & reliability
- 24k Gold-plated Connectors & Pins
- ABS Black Moulded Body

PA4256 30254256

DIGITAL JUNCTION BOX



An RJ45 splitter / junction box that can be used for connecting and splitting any twisted pair based databus connected using RJ45 connectors.

- Unbreakable plastic housing construction
- Bus termination: 120Ω
- Connectors: 3x RJ45 & 1x 2-pin Euro Terminal Block (Power Supply)
- Dimensions: 61(W) x 48(H) x 40(D)mm

ARJ03P 39893880

ALL IN ONE WALL CONTROLLER



All-in-one wall panel controller for multi-zone digital audio matrix and multi-media digital audio mixers.

- 2.5" Graphical Full colour
- 1x Balanced XLR female Microphone input
- 1 pair x Stereo RCA input
- Dimensions: 153(W) x 94(H) x 45(D)mm

DW5066W 39893848

PLUGS, SOCKETS & ADAPTORS

FIBRE

FC TO POWER SC ADAPTOR



Fibre optic adaptor, used for fibre optic testers which normally have a FC connector interface.

- Converts FC to SC to measure the optic power
- Size: 16x18mm

PA7470 30257470

FC TO LIGHT SOURCE SC ADAPTOR



Fibre optic adaptor, used for fibre optic testers which normally have a FC connector interface.

- Converts FC to SC to measure the optic light source
- Size: 16x18mm

PA7472 30257472

FIBRE OPTIC FC TO LC ADAPTOR



Converts fibre optic FC to LC. Used for the fibre optic testers which normally have FC connector interface.

PA7475 30257475

FIBRE OPTIC SC FAST CONNECTOR



Fibre optical SC fast connector.

- Low insertion loss, high return loss
- Complies IEC61754-4 standard
- Long life span

PR2320 30852320

DIGITAL

TOSLINK OPTICAL JOINER



TOSLINK Adaptor socket to socket adaptor.

PA1900 30251900

TOSLINK SOCKET TO 3.5MM PLUG



Adapts a TOSLINK Optical SPDIF cable to connect to a Mini TOSLINK optical socket.

- TOSLINK socket
- 3.5mm Mini TOSLINK plug

PA1905 30251905

TOSLINK RIGHT ANGLE ADAPTOR



Connecting optical fibre cables in tight and congested spaces.

- 90 degrees right angle adaptor
- Plug end can be rotated 360 degrees for easy installation

PA1908 30251908

VGA SOCKET TO DVI-I PLUG



Ideal for connection PCs with VGA output to a PC monitor with a DVI input.

- DVI-I Dual Link plug to VGA socket
- DVI: 24 + 5-pins
- VGA: 15-pins

PA4245 30254245

DVI SOCKET TO SOCKET



Digital video interface adaptor.

- Socket to socket
- Compatible with DVI - I Single/ Dual Link, DVI - D Single/ Dual Link and DVI - A male
- All pins wired straight through

PA4250 30254250

HDMI SOCKET TO DVI-D PLUG



- Convert your HDMI input to a DVI-D output
- High quality casing

PA4270 30254270

DVI SOCKET TO HDMI PLUG



- Convert your HDMI input to a DVI output
- High quality casing

PA4275 30254275

HDMI JOINER



Extend the length of your HDMI leads.

- HDMI socket to HDMI socket

PA4280 30254280

HDMI RIGHT ANGLE ADAPTOR

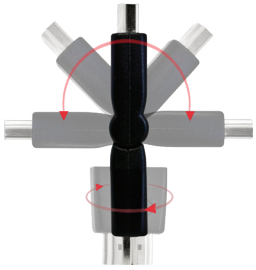


HDMI plug (19-Pin type A) to HDMI socket (19-Pin type A).

- Right angle horizontal flat top
- Gold-plated
- Perfect for wall mounted TV's and other tight space

PA4295 30254295

180 DEGREE HDMI SWIVEL ADAPTOR



If you are having trouble making an easy and accessible HDMI connection to your AV components, this adapter might be the solution for you.

- 180° swivel and rotation
- Can be used with any HDMI cable
- HDMI plug to HDMI socket

PA4300 30254300

DISPLAYPORT TO HDMI ADAPTOR



DisplayPort is a digital display interface standard put forth by the Video Electronics Standards Association (VESA) since 2006. It defines a new royalty-free, digital audio/video interconnect.

- DisplayPort 20-Pin plug to HDMI 19-Pin socket
- Nickel-plated plug
- RoHS compliant

PA4350 30254350

DISPLAYPORT TO DVI ADAPTOR



DisplayPort is a digital display interface standard put forth by the Video Electronics Standards Association (VESA) since 2006. It defines a new royalty-free, digital audio/video interconnect, intended to be used primarily between a computer and its display monitor, or a computer and a home-theatre system.

- DisplayPort 20-Pin male to DVI-I 29-Pin female
- Nickel-plated plug
- RoHS compliant

PA4355 30254355

DISPLAYPORT TO VGA ADAPTOR



DisplayPort is a digital display interface standard put forth by the Video Electronics Standards Association (VESA) since 2006. It defines a royalty-free, digital audio/video interconnect, intended to be used primarily between a computer and its display monitor, or a computer and a home-theatre system.

- DisplayPort 20-Pin plug to VGA HDB 15-Pin socket
- Nickel-plated plug
- RoHS compliant

PA4360 30254360

MICRO HDMI PLUG TO HDMI SOCKET



Micro HDMI to HDMI Adaptor.

- HDMI Socket
- Gold-plated Connectors

PA4365 30254365

MINI HDMI PLUG TO HDMI SOCKET



Mini HDMI to HDMI Adaptor.

- HDMI Socket
- Gold-plated Connectors

PA4370 30254370

NAHDMI-W PANEL MOUNT HDMI



To transmit any digital TV and PC video format including HDTV.

- D-Shape housing
- Feed through

PK4710 30634710

PHONO (2.5/3.5/6.3MM)

2.5MM STEREO PLUG TO 3.5MM STEREO SOCKET



PA1000 30251000

3.5MM STEREO PLUG TO 2.5MM STEREO SOCKET



PA1002 30251002

2.5MM STEREO PLUG TO 3.5MM SOCKET



Flexible adapter.

X06511	30251003

3.5MM MONO PLUG TO 3.5MM STEREO SOCKET



PA1001	30251001

3.5MM STEREO PLUG TO 3.5MM STEREO SOCKET



PA1066	30251066

3.5MM STEREO SOCKET TO 3.5MM STEREO SOCKET



PA1005	30251005

MONO 3.5MM PLUG TO 6.3MM SOCKET



Mono 6.3mm	PA1017	30251017
Stereo 6.3mm	PA1032	30251032

3.5MM STEREO PLUG TO 6.3MM STEREO SOCKET



PA1065	30251065

3.5MM AEROPLANE ADAPTOR



Use your own headphones with an aeroplane's entertainment system – 2x 3.5mm mono plug to 3.5mm stereo socket.

PA1055	30251055

3.5MM STEREO PLUG TO DUAL 3.5MM STEREO SOCKETS



PA1060	30251060

3.5MM MONO PLUG TO RCA SOCKET



PA1048	30251048

3.5MM STEREO PLUG TO DUAL RCA SOCKETS



PA1061	30251061

2-WAY 3.5MM HEADPHONE LEAD



Share music with 2 headphones.

- Gold plated connector for crisp audio performance
- Suitable for iPod/MP3/CD/MD/ Portable media player/Laptop
- Cable length available on 28cm

PA1076	30251076

6-WAY 3.5MM HEADPHONE HUB

Pro.2



- Connect up to 5 head phones with your iPod or any other portable media device
- 3.5mm stereo sockets, compatible with any iPod, iPhone, MP3 player, DVD player etc.
- 6x 3.5mm stereo sockets
- Supplied with 15cm 3.5mm plug to plug lead

PA1063	30251063

4-POLE 3.5MM TO HEADPHONE & MIC ADAPTOR

Pro.2



- TRRS Plug to 2x TRS sockets Stereo/Mic adapter
- Works with most of TRRS devices
- High Quality Silver Plated Connectors
- Great for PC gaming headsets

○	for iPhone	PA1078WH	30251078
●	for Android	PA1080BL	30251080

6.3MM MONO PLUG TO 3.5MM MONO SOCKET



PA1517	30251517

6.3MM MONO PLUG TO RCA SOCKET



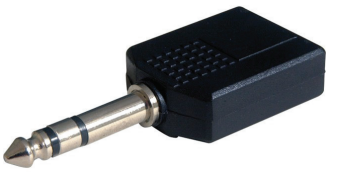
PA1532	30251532

6.3MM STEREO PLUG TO 3.5MM STEREO SOCKET



PA1801	30251801

6.3MM STEREO PLUG TO DUAL 6.3MM STEREO SOCKETS



PA1830	30251830

RIGHT-ANGLE ADAPTOR



- 3.5mm socket
- 2.5mm or 3.5mm plug

2.5mm Plug	PA3502	30253502
3.5mm Plug	PA3503	30253503

3.5MM MONO PLUG TO 'F' SOCKET



This adaptor is perfect for converting F-Type to 3.5mm mono connection.

- F-Type socket
- 3.5mm mono plug
- Nickel plated

PA5983	30255983

PLASTIC PHONO PLUG



- Solder type connection

3.5mm	4-contact	PD1255	30361255
3.5mm	Stereo	PD1248	30361248
6.3mm	Stereo	PD1432	30361432
2.5mm	Mono	PD1001	30361001
3.5mm	Mono	PD1201	30361201
6.3mm	Mono	PD1401	30361401

METAL PHONO PLUG



- Solder type
- Spring tension relief

3.5mm	Mono	PD1232	30361232
3.5mm	Stereo	PD1238	30361238

3.5MM GOLD-PLATED PHONO PLUG

Amphenol



- AX Series inspired shell design
- Robust diecast shell in Satin nickel
- Gold contact plating
- Improved solderability
- Suits Cable O.D from 2.5mm to 5mm

Stereo	PD1236	30361236
Mono	PD1234	30361234

3.5MM RIGHT ANGLE STEREO PLUG



- 3.5mm stereo plug
- Right angle for tight spaces
- Solder type connection

PD1250	30361250

3.5MM RIGHT ANGLE STEREO PLUG

NEUTRIK



Premium 3.5mm stereo plug.

- Right angle for tight spaces
- Cord clamp, solder type connection

PD1253	30361253

PLASTIC INLINE PHONO SOCKET



- Solder type connection

3.5mm	4-contact	PD1256	30361256
3.5mm	Mono	PD1801	30361801
3.5mm	Stereo	PD1832	30361832
6.3mm	Mono	PD2001	30362001

6.3MM METAL PHONO PLUG



- Solder type
- Chrome plated

6.3mm	Stereo	PD1449	30361449
6.3mm	Mono	PD1417	30361417

6.3MM RIGHT-ANGLE STEREO PLUG

Amphenol



Amphenol M-Series phono plugs.

- 1/4" (Ø6.35mm) plug
- Satin finish
- Flexible grommet
- Gold contact plating
- Right angle
- Diecast Shell

Stereo	PD1460	30361460
Mono	PD1420	30361420

6.3MM GOLD MONO PHONO PLUG



- Gold plated
- Solder type
- With cord guard

PD1422	30361422

6.3MM PRO GOLD PHONO PLUG

Amphenol



- Stylised shell design with Ergonomic grip
- Robust diecast shell in Satin nickel
- Gold contact plating
- Keyed shell
- Great solderability with increased solder area on ground contact
- "Jaws" Cable Clamp
- Precision machined contacts
- Quick and easy assembly
- Thermoplastic back shell

Mono	PD1425	30361425
Stereo	PD1455	30361455

3.5MM MONO PHONO SOCKET



3.5mm miniature metal mono line socket.

- Solder type

PD1817	30361817

6.3MM PRO STEREO PHONO PLUG



6.3mm stereo professional plug cable clamp.

- Non-roll cord guard
- Solder type

PD1450	30361450

6.3MM GOLD STEREO PHONO PLUG



- 6.3mm stereo gold plated plug
- Cord guard
- Solder type
- Colour band

●	PD1452	30361452
●	PD1453	30361453

6.3MM STEREO PHONO SOCKET

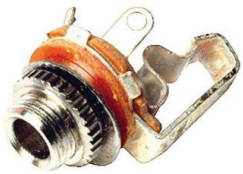


6.3mm stereo metal line socket.

- Solder type

PD2032	30362032

3.5MM MONO CLOSED CIRCUIT

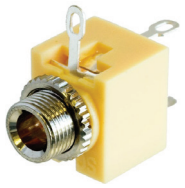


3.5mm miniature mono panel socket.

- Closed circuit type
- Ø6mm mounting hole

PD2401	30362401

3.5MM MINIATURE MONO PANEL SOCKET



- Closed circuit type
- Ø6mm mounting hole

PD2417 30362417

3.5MM MINIATURE STEREO PCB PANEL SOCKET

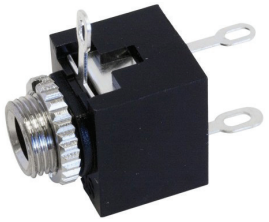


3.5mm miniature stereo panel socket.

- Closed circuit type
- PCB Mount
- Ø6mm mounting hole

PD2432 30362432

3.5MM MINIATURE STEREO PANEL SOCKET

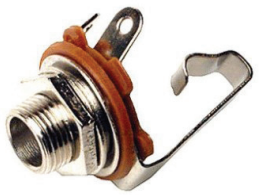


3.5mm miniature stereo panel socket.

- Closed circuit type
- Ø6mm mounting hole
- No switching

PD2460 30362460

6.3MM MONO OPEN CIRCUIT



6.3mm mono panel socket.

- Open circuit type
- Ø9mm mounting hole

PD2601 30362601

6.3MM MONO CLOSED CIRCUIT



6.3mm mono panel socket.

- Closed circuit type
- Ø9mm mounting hole

PD2617 30362617

6.3MM STEREO CLOSED CIRCUIT



6.3mm stereo panel socket.

- Closed circuit type
- Ø9mm mounting hole

PD2665 30362665

6.3MM STEREO ISOLATED SOCKET



6.3mm stereo fully isolated panel socket.

- Closed circuit type
- Ø9mm mounting hole
- PCB Through-hole pins

PD2681 30362681

6.3MM STEREO PANEL SOCKET



6.3mm stereo panel socket.

- Closed circuit type
- Ø9mm mounting hole

PD2697 30362697

RCA

RCA PLUG TO 3.5MM MONO SOCKET



PA2401 30252401

RIGHT ANGLE RCA PLUG



Allows a double RCA lead to enter an amplifier from the side and the leads plug in neatly. Short compact body.

PA2470 30252470

RCA PLUG TO 2X RCA SOCKETS



Gold RCA plug to socket, with a second socket at right angles. Ideal for car stereo applications.

PA2480 30252480

RCA SOCKET TO 2X RCA SOCKETS



1x RCA socket to 2x RCA socket adaptor.

PA2485 30252485

RCA PLUG TO RCA PLUG



RCA plug to RCA plug gender changer adaptor.

PA2490 30252490

RCA SOCKET TO RCA SOCKET



PA2701 30252701

RCA SOCKET TO RCA SOCKET

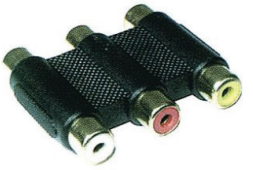


RCA gender changer joiners.

- Pack of 2

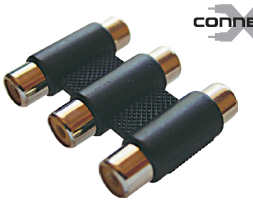
X06522 30252702

3X RCA SOCKETS TO 3X RCA SOCKETS



PA2703 30252703

3X RCA SOCKETS TO 3X RCA SOCKETS



In-line connector for extending / joining RCA plug/RCA plug. Ideal for making longer audio/video links.

X07534 30252704

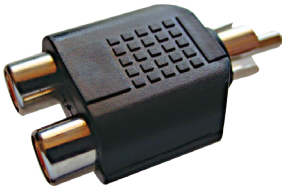
RCA PLUG TO 2X RCA SOCKETS



Single RCA to Stereo RCA splitter.

PA4217 30254217

RCA PLUG TO 2X RCA SOCKETS



Standard RCA splitter.

	X06523	30254218

PLASTIC RCA PLUG



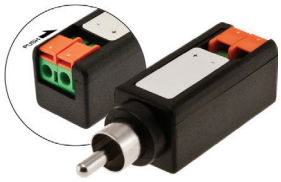
RCA plug with screw on plastic cover & cord guard.

- Solder type

●	PD2905	30362905
●	PD2901	30362901
●	PD2902	30362902
●	PD2904	30362904

RCA PLUG PRESS TERMINATION

Pro.2



- Saves time and the trouble of soldering your connections
- Use the press terminals to have a firm and reliable connection in seconds!
- Sold individually – single plug only

	PD2920	30362920

PLASTIC RCA RIGHT ANGLE PLUG



RCA plug right angle, screw terminating with flexible cord guard.

	PD2932	30362932

METAL RCA PLUG



- Spring strain relief
- Coloured band
- Solder type

●	PD2949	30362949
●	PD2950	30362950

GOLD METAL RCA PLUG



- Gold-plated
- Colour band
- Spring cord strain relief

●	PD2952	30362952
●	PD2957	30362957

GOLD-PLATED METAL INLINE RCA SOCKET



- Gold-plated metal with colour ring
- Solder type

●	PD3163	30363163

GOLD PLATED RCA PLUGS Amphenol



RCA plugs with satin nickel shell finish and coloured grommets.

- Stylish compact design
- Robust diecast shell
- Gold-plated contacts
- Good solderability
- RoHS Compliant

●	PD2959	30362959
●	PD2961	30362961
○	PD2963	30362963
●	PD2969	30362969
●	PD2965	30362965

COMPRESSION RG59/6 RCA PLUG



- Compression type RCA plug
- 6x colour bands
- Gold-plated
- Suits RG59 or RG6 Quad cable

Suits RG59	PD3027	30363027
Suits RG6Q	PD3029	30363029

PLASTIC INLINE RCA SOCKET



- Screw on plastic cover with cord guard
- Solder type

●	PD3150	30363150

RCA D-SHELL SOCKET Amphenol



- Stylish Design
- Flexible grommet cable protection
- Robust diecast shell
- Gold-plated contacts
- Great solderability
- Quick and easy assembly
- Panel mount utilises standard 'D' type housing
- Coloured insulator
- Nickel finish shell

●	PD3202	30363202
●	PD3204	30363204
○	PD3206	30363206
●	PD3208	30363208
●	PD3210	30363210
●	PD3212	30363212

RCA SOCKET BAKELITE



RCA Single socket panel on bakelite plate.

- Mounting holes: 20mm

	PD3317	30363317

RCA PANEL SOCKET METAL



- Solder type

	PD3301	30363301

RCA SOCKET BAKELITE PANEL



Dimensions:

- 2-way: 45x25mm
- 4-way: 75x25mm

4-Way	PD3549	30363549
2-Way	PD3501	30363501

RCA GROUND LOOP ISOLATOR Pro.2



The PRO1059 will solve the problem of ground loop issues and easily connects in any audio system!

- Frequency range: 10~20,000Hz
- Insertion loss: 1dB @ 1kHz
- Connection: RCA sockets to RCA plugs
- Channel separation: 45dB @ 1kHz minimum

	PRO1059	40451285

BANANA

2MM BANANA PLUG



- Solid plated 2mm pin
- Solder type connection
- Overall length: 25mm

●	PW0903	30970903
●	PW0904	30970904
●	PW0905	30970905

4MM BANANA PLUG SOLDER



4mm banana plugs with spring contacts.

- Solder type
- Length: 42mm

●	42mm	PW1361	30971361
●	42mm	PW1362	30971362

4MM BANANA PLUG SCREW



4mm rear stacking banana plugs screw terminating type.

- Overall length: 54mm

●	54mm	PW1451	30971451
●	54mm	PW1452	30971452

4MM BANANA PLUG PLASTIC



4mm side stacking banana plugs with spring contacts screw terminating.

- Length: 59mm

●	59mm	PW1471	30971471
●	59mm	PW1472	30971472

4MM STACKING BANANA PLUG



- 3mm cable entry
- Overall length: 48mm
- Solder terminating

●	48mm	PW1615	30971615
●	48mm	PW1616	30971616
●	48mm	PW1617	30971617
●	48mm	PW1618	30971618

4MM GOLD PLATED BANANA PLUG



4mm gold plated banana plugs. Heavy-duty screw terminating type, suits high quality & jumbo type speaker cable.

- Overall Length: 48mm

●	48mm	PW1639	30971639
●	48mm	PW1640	30971640

4MM SIDE-STACKING BANANA PLUGS

HIRSCHMANN
A BELDEN BRAND



HIRSCHMANN 4mm side stacking banana plugs with flexible push on covers.

- Screw terminating
- Length: 59mm

●	59mm	PW1701	30971701
●	59mm	PW1702	30971702
●	59mm	PW1703	30971703
●	59mm	PW1704	30971704

4MM BANANA PLUG

Multi-Contact MC STÄUBLI GROUP



HCK series 4mm banana plugs.

- Solder connection
- Flexible push on covers
- Length: 69mm
- To suit leads up to Ø4mm

●	69mm	PW1901	30971901
●	69mm	PW1902	30971902
●	69mm	PW1903	30971903
●	69mm	PW1905	30971905

4MM TO 2MM BANANA PLUG ADAPTOR

Multi-Contact MC STÄUBLI GROUP



●		PW2101	30972101
●		PW2102	30972102

4MM BANANA SOCKETS



4mm fully insulated banana sockets.

- Solder type
- Mounting hole: Ø8.2mm
- Length: 23mm

●	23mm	PW2701	30972701
●	23mm	PW2702	30972702
●	23mm	PW2703	30972703

4MM SWITCHED BANANA SOCKET

HCK



35 Amp sockets for shrouded safety plugs. Two insulated half cradles each with quick tab connectors, can be electrically connected by inserting 4mm plug for internal switching purposes.

- Mounting hole: Ø12mm
- Length: 38mm

●	38mm	PW2801	30972801
●	38mm	PW2802	30972802

XLR

XLR PLUG TO RCA SOCKET



6.5mm Plug to XLR Socket Adaptor.

PD4846 30364846

3-PIN XLR PLUG TO 6.3MM STEREO SOCKET



3-Pin AC3M plug to 6.3mm stereo phono socket.

PD4855 30364855

3-PIN XLR PLUG TO PLUG Amphenol



3-Pin AC3M plug, to 3-Pin AC3M plug.

PD4905 30364905

3-PIN XLR SOCKET TO SOCKET Amphenol



3-Pin AC3F socket, 3-Pin AC3F socket.

PD4923 30364923

3-PIN XLR PLUG TO SOCKET Amphenol



3-Pin AC3M Plug to 3-Pin AC3F socket.

PD4924 30364924

MINI XLR 4P TO 3P CONVERTER

DOSS®



TA3M 3-Pin mini XLR plug to TA4F 4-Pin mini XLR socket adaptor.

- Adapt AKG Mics to DOSS / Shure transmitter

PD4930 30364930

MINI XLR 3P TO 3.5MM CONVERTER

DOSS®



3.5mm socket to TA3F 3-Pin mini XLR socket adaptor.

- Adapts 3.5mm screw-lock plug Mics (such as Sennheiser) to AKG transmitters

PD4934	30364934

MINI XLR 4P TO 3.5MM CONVERTER

DOSS®



3.5mm socket to TA4F 4-Pin mini XLR socket adaptor.

- Adapts Mics with 3.5mm screw-lock plug connector (such as Sennheiser) to DOSS / Shure transmitters

PD4936	30364936

MINI XLR 3.5MM TO 3P CONVERTER

DOSS®

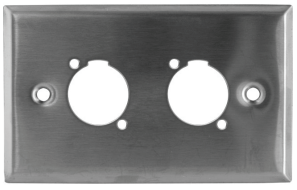


TA4M 4-Pin mini XLR plug to 3.5mm screw-lock plug adaptor.

- Adapts DOSS / Shure Mics to transmitters with a 3.5mm screw-lock jack such as Sennheiser

PD4940	30364940

STAINLESS STEEL XLR WALL PLATE



Pre-punched blank for XLR socket (sockets not included).

Single	PD5190	30365190
Dual	PD5192	30365192

XLR PLASTIC BACKSHELL

Amphenol



Replaces standard black backshell, offers quick identification of microphone and other A/V leads when used in multiple lead situations.

●	PD5201	30365201
●	PD5203	30365203
●	PD5206	30365206
●	PD5211	30365211
●	PD5216	30365216
○	PD5221	30365221
●	PD5226	30365226

3-PIN XLR LINE PLUG

NEUTRIK



- 3 pole plug cable connector
- Improved chuck type strain relief
- Rugged zinc diecast shell
- Solder contacts

PD5290	30365290

3-PIN RIGHT ANGLE XLR PLUG



Ideal connector where reliability, quiet operation and elimination of mechanical interference is necessary.

- Latch lock
- 3-Pin plug connector
- Nickel plated finish

Plug	PD5300	30365300

3-PIN XLR PANEL PLUG

NEUTRIK

- Standardized D sized 24mm panel cutout
- Solder cups on 3-7 pole version



	PD5670	30365670

AC SERIES - XLR LINE PLUGS

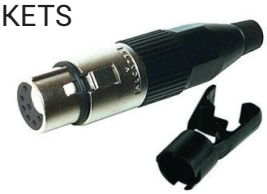
Amphenol



3-pin	Nickel plated		AC3M	PD5301	30365301
3-pin	Nickel plated	Machined contacts	AC3MM	PD5302	30365302
3-pin	Metal/Black		AC3MB	PD5304	30365304
3-pin	Thermoplastic		AC3MCP	PD5305	30365305
4-pin	Nickel plated		AC4M	PD5309	30365309
4-pin	Metal/Black		AC4MB	PD5310	30365310
5-pin	Nickel Plated	Large Jaws	AC5MJ	PD5311	30365311
6-pin	Nickel plated		AC6AM	PD5312	30365312
7-pin	Nickel plated		AC7M	PD5313	30365313

AC SERIES - XLR LINE SOCKETS

Amphenol



3-pin	Nickel plated		AC3F	PD5317	30365317
3-pin	Metal/Black		AC3FB	PD5320	30365320
3-pin	Thermoplastic		AC3FCP	PD5323	30365323
4-pin	Nickel plated		AC4F	PD5332	30365332
4-pin	Metal/Black		AC4FB	PD5333	30365333
5-pin	Nickel plated	Large Jaws	AC5FJ	PD5334	30365334
6-pin	Nickel plated		AC6AF	PD5335	30365335
7-pin	Nickel plated		AC7F	PD5336	30365336

AC SERIES - XLR SQUARE PANEL PLUGS

Amphenol



3-pin	Metal		AC3MDZ	PD5340	30365340
3-pin	Metal		(AC3MDZB	PD5342	30365342
3-pin	Metal/Black	Machined contacts	AC3MMDZB	PD5346	30365346
4-pin	Metal		AC4MDZ	PD5350	30365350
4-pin	Metal/Black		AC4MDZB	PD5352	30365352

AC SERIES - XLR RECTANGULAR PANEL PLUGS

Amphenol



3-pin	Metal	AC3MPNZ		PD5348	30365348
3-pin	Metal/Black	AC3MPNZB		PD5349	30365349
4-pin	Metal	AC4MPNZ		PD5356	30365356
5-pin	Metal	AC5MPNZ		PD5357	30365357
6-pin	Metal	AC6AMPNZ		PD5358	30365358
7-pin	Metal	AC7MPNZ		PD5359	30365359

AC SERIES - XLR SQUARE PANEL SOCKETS

Amphenol



4-pin	Metal	AC4FDZB	PD5372	30365372
4-pin	Metal	AC4FDZ	PD5370	30365370
3-pin	Metal	AC3FDZ	PD5360	30365360
3-pin	Metal	AC3FDZB	PD5362	30365362

AC SERIES - XLR RECTANGULAR PANEL SOCKETS

Amphenol



6-pin	Metal	AC6AFPZ	PD5385	30365385
5-pin	Metal	AC5FPZ	PD5383	30365383
4-pin	Metal	AC4FPZ	PD5381	30365381
3-pin	Metal	AC3FPZ	PD5365	30365365
3-pin	Metal	AC3FPZB	PD5367	30365367

AC SERIES - XLR PCB PANELS

Amphenol



PD5344	30365344

AX SERIES - XLR CONNECTORS

Amphenol



Plug	AX3M	PD5450	30365450
Socket	AX3F	PD5470	30365470

MINI XLR LINE PLUGS



3-Pin	MX3LP	30365640
4-Pin	MX4LP	30365643

MINI XLR PANEL MOUNT PLUG



- Available as 3-Pin and 4-pin

3-Pin	MX3PP	30365646
4-Pin	MX4PP	30365649

MINI XLR LINE SOCKET



3-Pin	MX3LS	30365652
4-Pin	MX4LS	30365655

XLR PANEL SOCKET

NEUTRIK



3-Pin	PD5680	30365680
4-Pin	PD5682	30365682

MICROPHONE

MICROPHONE INLINE SOCKET



Multi-contact metal microphone connector with locking ring and cord grip.

- Overall size: Ø18x35mm

6-Pin	PD3852	30363852
8-Pin	PD3860	30363860
4-Pin	PD3832	30363832
5-Pin	PD3848	30363848
3-Pin	PD3817	30363817
2-Pin	PD3801	30363801

MICROPHONE PANEL MOUNT PLUG



- Mounting hole: Ø15mm
- Solder type

6-Pin	PD4152	30364152
8-Pin	PD4160	30364160
5-Pin	PD4148	30364148
2-Pin	PD4101	30364101
3-Pin	PD4117	30364117
4-Pin	PD4132	30364132

MICROPHONE INLINE PLUG



Microphone line plugs (male pin contacts) to suit metal microphone sockets with locking thread.

- Overall size: Ø18 x 42mm

4-Pin	PD4184	30364184

POWER / SIGNAL

25A/250V AC POWERCON CONNECTOR

Amphenol



HP Series connectors are suitable for AC power supply where a latch locking connector is required. Connectors are keyed and colour coded for power-in (Blue) and power-out (Grey).

- Quick release, vibration resistant latch lock
- Screw Terminals
- 25A Current rating
- Thermoplastic housing

● For input	PD4020	30364020
● For output	PD4024	30364024

7-PIN IP67 POWER LINE SOCKET

Amphenol

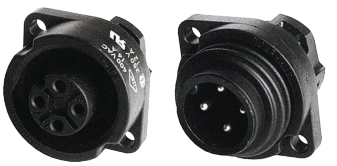


- Right angle
- Weatherproof

PW4362	30974362

WEATHERPROOF PANEL MOUNT CONNECTOR

Amphenol



- Protection degree IP67/ IEC 529 mated condition
- Mounting: Ø22mm hole; 31mm mounting centres

4-pin	Socket	PW4454	30974454
4-Pin	Plug	PW4404	30974404
7-pin	Socket	PW4457	30974457
7-Pin	Plug	PW4407	30974407

WEATHERPROOF POWER CONNECTOR

Amphenol



Circular connector designed to meet high requirements of industrial applications under harsh environmental conditions.

- For applications in machine tools, Instrument and control, process technology
- Housing of high grade plastic, protected against unlocking by thread coupling
- Protection degree IP67/ IEC 529 mated condition
- Internal strain relief with screw clamp
- Max Cable Ø 9.0mm
- 4-pin: 400V / 16A, 7-pin: 250V / 10A
- Line Connectors: 29mmØ

4-Pin	Socket	PW4354	30974354
4-Pin	Plug	PW4304	30974304
7-Pin	Socket	PW4357	30974357
7-Pin	Plug	PW4307	30974307

DUST CAP FOR PANEL PLUG **Amphenol**



Plastic dust and moisture cap with retaining cable for the C16 Amphenol Circular connectors.

PW4404/PW4407	PW4485	30974485
PW4304/PW4307	PW4489	30974489
PW4354/PW4357	PW4496	30974496
PW4454/PW4457	PW4493	30974493

6007 SERIES 3-WAY PLUG & SOCKET

Rated at up to 300V AC/DC, these compact connectors will with stand 1,500V AC/minute, and operate within a temperature range of -25°C to 105°C.

- The complete cell housing system fully covers and protects the contacts
- Maximum contact resistance is limited to 10Ω

	6007-3	43576913

6007 SERIES PLUG & SOCKET SET



Rated at up to 300V AC/DC, these compact connectors will with stand 1,500V AC/minute, and operate within a temperature range of -25°C to 105°C.

- The complete cell housing system fully covers and protects the contacts
- Maximum contact resistance is limited to 10Ω

6-Way	6007-6	43576916
2-Way	6007-2	43576912
4-Way	6007-4	43576914

INDUSTRIAL

12-PIN CHASSIS PLUG



Solder type 12-Pin chassis mount.

- Cutout: 24x30mm
- Bracket Holes: 31mm

Plug	12-Way	PW4512	30974512

CHASSIS MOUNT SOCKET



Solder type chassis mount socket.

- Bracket Holes: 18mm

Socket	4-Way	PW4604	30974604
Socket	8-Way	PW4608	30974608

4-PIN LINE SOCKET



Line socket with back shell and cable clamp.

- Solder type
- No. of pins: 4

PW4904	30974904	

3-PIN PANEL MOUNT PLUG MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4625	30974625	

6-PIN INLINE PLUG MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4635	30974635	

6-PIN INLINE SOCKET MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4640	30974640	

10-PIN INLINE PLUG MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4655	30974655	

10-PIN PANEL MOUNT SOCKET MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4670	30974670	

17-PIN INLINE PLUG MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4675	30974675	

17-PIN INLINE SOCKET MS97



Amphenol MultiPin Military Style Connectors.

- Environmental resistant with a positive seal
- Aluminium alloy housings
- Silver plated 13A contacts
- Pre-tinned contacts
- Suitable for low voltage applications

PW4680	30974680

30AMP ANDERSON CONNECTOR



These industry standard connectors are used in automotive, marine, aviation and mining applications and are used widely in industry.

- Supplied as a red and black pair with contacts
- Contact Rating: 30A (max. 45A)
- Voltage: 600V (AC or DC)
- Contact Wire Size: 1.63mm - 2.59mm (#10-#14AWG)
- Max Wire Insulation Diameter: 4.4mm
- Contact Retention Force: 9kgs (20lbs)
- Operating Temperature: -40° to +125°C

PW5000	30975000

50AMP ANDERSON CONNECTOR



Used widely in both domestic and industry, you'll find this connector in many 4WD applications, boating, automotive and other industries.

- Supplied individually with a pair of contacts
- Contact Rating: 50A
- Contact Wire Size: 6AWG
- Voltage Rating: 600V (AC or DC)
- Max Wire Insulation Diameter: 11mm
- Contact Retention Force: 50lbs
- Operating Temperature: -20° to +120°C

PW5005	30975005

75AMP ANDERSON CONNECTOR



These industry-standard connectors are used in automotive, marine, aviation, mining and most widely in industry.

- They are ideal for high current car wiring connectors
- Current Rating: 75A
- Voltage: 600V (AC or DC)
- Contact Barrel Wire Size (min/max): 8.4 - 33.6mm2 / #6- #16AWG
- Maximum Insulation Dial to fit into back of housing: 11.10mm
- Insertion Life (Cycles): 10,000 no load / 250 hot load (35A @ 12V DC)
- Operating Temperature: -20° to 105°C

PW5010	30975010

120AMP ANDERSON CONNECTOR



Used widely in both domestic and industry, you'll find this connector in many 4WD applications, boating, automotive and other industries.

- Supplied individually with a pair of contacts
- Contact Rating: 120A
- Contact Wire Size: 4.19mm (#4AWG)
- Voltage Rating: 600V (AC or DC)
- Max Wire Insulation Diameter: 14.6mm
- Contact Retention Force: 45.5kg (100lbs)
- Operating Temperature: -20° to +125°C

PW5015	30975015

175AMP ANDERSON CONNECTOR



- Contact Rating: 175A
- Contact Wire Size: 7.35mm (#1 AWG)
- Voltage Rating: 600V (AC or DC)
- Max Wire Insulation Diameter: 19mm
- Contact Retention Force: 137kg (300lbs)
- Operating Temperature: -20° to +125°C

PW5017	30975017

DUST CAP COVER TO SUIT 50A



Dust/Water Resistant Rubber Cover Suit PT-4420.

- A water and dust resistant rubber cover to suit our Anderson type connectors.
- Suits PW5010

PW5020	30975020

PDN & SPEAKON

SPEAKON HD INLINE SOCKET CONNECTORS

Amphenol



2-Pole	PD4044	30364044
4-Pole	PD4046	30364046

SPEAKON HD SPEAKER PLUG



Speaker Plug constructed of high quality, durable plastic.

PD4050	30364050

SPEAKON HD SPEAKER PANEL



Round speaker bin socket.

PD4055	30364055

D FLANGE 4-POLE SPEAKON SOCKET

Amphenol



4-pole, D flange, Thru holes, Solder tabs 3/16".

- Solder tabs
- Vertical or horizontal PCB mounting
- 30A current rating

PD4060	30364060

PDN LINE SOCKET

Amphenol



Cord Socket (AC-PND-11) 2 socket contacts 1 drain pin contact.

Socket	AC-PDN-11	PD5501	30365501

PANEL MOUNT PDN CONNECTOR

Amphenol



Panel mount 2 pin/socket contacts 1 drain pin/socket contact.

Socket	AC-PDN-31	PD5512	30365512
Plug	AC-PDN-34	PD5524	30365524

4-PIN PANEL SOCKET



Manufactured from tough, durable thermoplastic, capable of withstanding the roughest treatment.

- Completely sealed for simplified loudspeaker cabinet design
- Service Voltage RMS: 660V
- Current Rating: 20A
- AWG Stranded Wire: 12AWG
- Intermateable with the EP Series

PD5566	30365566

(EP8-12) 8-PIN LINE PLUG



Ideally suited for the demands of high power audio and broadcasting applications.

- High current contacts
- V/A RMS: 100V-15A
- Dimensions: Ø59mm x 37mm

	PD5616	30365616

8-PIN PANEL SOCKET



- Contacts: 8-pin
- V/A RMS: 100V-15A
- Dimensions: Ø59mm x 37(D)mm
- 29.2mm mounting holes

	PD5624	30365624

DIN / S-VIDEO

2-PIN INLINE DIN PLUG



Solder/Screw type with push on cover.

Solder	PD5701	30365701
Screw	PD5717	30365717

2-PIN DIN SOCKET



2-Pin DIN speaker line socket solder type- push on cover.

	PD5732	30365732

2-PIN DIN PANEL

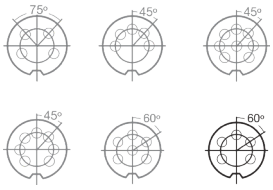


2-Pin DIN speaker panel socket solder type.

	PD5765	30365765

DIN INLINE PLUG





- Push on flexible covers
- Size: Ø16 x 60mm
- Solder type

5-Pin/270°	PD6048	30366048
6-Pin	PD6081	30366081
8-Pin	PD6113	30366113
3-Pin	PD6001	30366001
4-Pin	PD6017	30366017
5-Pin/180°	PD6032	30366032
7-Pin	PD6097	30366097

MINI DIN "S-VIDEO" PLUG



- Push on covers
- Size: Ø14 x 50mm
- Solder type

4-Pin/SVid	PD6147	30366147
5-Pin	PD6149	30366149
8-Pin	PD6155	30366155

4-PIN GOLD MINI DIN S-VHS PLUG

NEOTECH



Gold plated 4-Pin SVHS Mini DIN Plug with bright metal screw-on cover.

- Solder type
- Cord diameter 8 to 9mm

	PD6148	30366148

DIN PANEL MOUNT SOCKET



Standard solder type DIN sockets with 22mm mounting holes.

- Solder type

3-Pin	PD6701	30366701

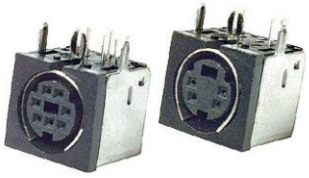
5-PIN PCB SOCKET



- 5-Pin 180° right angle PCB type
- Size: 20x20mm front panel
- 15mm overall depth

	PD6736	30366736

MINI DIN PCB MOUNT SOCKETS



- Fully shielded
- PCB type
- Panel sockets

6-Pin	PD7339	30367339
7-Pin	PD7341	30367341

DC POWER

DC INLINE PLUG



Low voltage plugs for connection from power packs to portable electronic products.

- Solder termination

1.0mm	3.0mm	PW8009	30978009
1.3mm	3.5mm	PW8012	30978012
1.7mm	4.0mm	PW8015	30978015
2.1mm	5.5mm	PW8017	30978017
2.5mm	5.5mm	PW8035	30978035
2.5mm	5.5mm	PW8032	30978032

2.1MM DC PLUG SCREW

DOSS®



2.1mm DC Plug to screw terminals.

- Terminals made from non-recycled materials for longer life

	PW8018	30978018

2.1MM INLINE DC SOCKET SCREW

DOSS®



2.1mm inline DC socket screw termination.

- Terminals made from non-recycled materials for longer life

	PW8050	30978050

2.5MM DC PLUG SCREW

DOSS®



2.5mm inline DC Plug to screw termination.

- Terminals made from non-recycled materials for longer life

	PW8082	30978082

2.5MM DC SOCKET SCREW

DOSS®



2.5mm inline DC Socket to screw termination.

- Terminals made from non-recycled materials for longer life

	PW8084	30978084

3.5MM STEREO PLUG SCREW



	PW8086	30978086

3.5MM STEREO SOCKET SCREW



	PW8088	30978088

2.5MM SOCKET TO 2.1MM DC PLUG



Convert a 2.5mm DC plug into a 2.1mm plug.

- 2.5mm socket to 2.1mm plug

	PW8019	30978019

INTERCHANGEABLE DC PLUG



Suitable for DOSS switchmode power supplies.

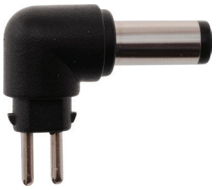
2.35mm	PW8021	30978021
3.0mm	PW8022	30978022
3.5mm (mono pin)	PW8030	30978030
3.5mm	PW8031	30978031
4.0mm	PW8025	30978025
4.75mm	PW8023	30978023
5.5mm	PW8026	30978026
5.5mm	PW8028	30978028

RIGHT-ANGLE DC PLUG



2.1mm	PW8020	30978020
2.5mm	PW8024	30978024

INTERCHANGEABLE RIGHT ANGLE DC PLUGS



Suitable for DOSS switchmode power supplies with interchangeable tips.

2.1mm	PW8026R	30978027
2.5mm	PW8028R	30978029

INTERCHANGEABLE 1.3MM DC PLUG



Suitable for DOSS switchmode power supplies.

- ID = Ø1.3mm
- Shaft Length 10mm

	PW8033	30978033

INLINE DC SOCKET



2.1mm	PW8053	30978053
2.5mm	PW8054	30978054

2.5MM PCB MOUNT DC SOCKET



- PCB mount (through-hole)
- SPST contact (NC)
- 2.5mm DC Socket

	PW8099	30978099

PANEL MOUNT DC SOCKET



DC low voltage panel sockets, with inbuilt switching.

- Single hole, Ø13mm mount

2.1mm	PW8064	30978064
2.5mm	PW8067	30978067

2.1MM DC SOCKET TO PLUG CORD CONVERTERS



Convert the existing output plug of a power supply to a different type, size or polarity.

- Length: 130mm overall
- Construction: 20AWG
- Injection molded DC plug and socket

1.3mm	2.1mm	PW8165	30978165
2.5mm	2.1mm	PW8170	30978170
1.7mm	2.1mm	PW8175	30978175

2.1MM DC SOCKET TO PLUG CORD CROSS-OVER CONVERTERS



Reverses polarity from centre-positive to centre-negative or centre-negative to centre-positive.

2.1mm	2.1mm	PW8180	30978180
2.5mm	2.1mm	PW8185	30978185

2.1MM DC BARE END CONVERTERS



Typically used to connect plug and play security camera cables to a DC power supply box or used to connect with LED Strip Lights.

2.1mm plug	PW8196	30978196
2.1mm socket	PW8197	30978197

2.1MM DC DISTRIBUTION LEAD



Perfect for using a single power supply for up to 4 or 8 CCTV cameras!

- 2.1mm socket to multiple 2.1mm plugs

4-way	PW8204	30978204
8-way	PW8208	30978208

DC CAR CIGARETTE LIGHTER PLUG



Cigarette lighter plug with fuse.

- In-built 6A 12V fuse
- 12V DC output

	PW8408	30978408

DC CIG. LIGHTER LINE SOCKET



Cigarette lighter line socket - Solder terminating.

	PW8418	30978418

FLAT 7-PIN TRAILER PLUG



Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PP2050	30978620

FLAT 7-PIN TRAILER SOCKET



Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PS2051	30978621

7-PIN SMALL ROUND SOCKET

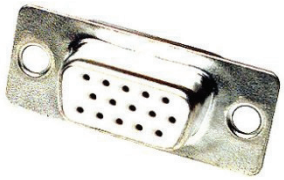


Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PS2056	30978628

15-WAY HIGH DENSITY CONNECTOR

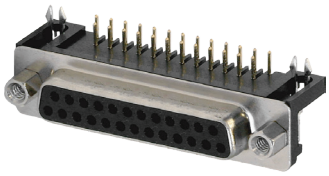


Solder type plugs with gold pins.

- Mounting Hole Centres: 25mm
- For IBM PS2 type computers

Socket	PJ1415	30571415

PCB MOUNT D-SUB SOCKET



Right-angle / horizontal PCB type with gold plated pins.

- 8mm mounting post to front plate

9-Pin (DB9)	PJ2809	30572809
25-Pin (DB25)	PJ2825	30572825

7-PIN LARGE ROUND TRAILER PLUG



Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PP2052	30978624

7-PIN METAL TRAILER SOCKET



Standard 7 Pole surface trailer mounting socket with locking spring loaded flap.

	PW8648	30978648

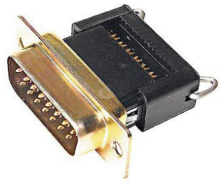
'D' SOLDER SOCKET



Standard solder type with gold plated pins.

37-Pin (DB37)	PJ1337	30571337
25-Pin (DB25)	PJ1325	30571325
15-Pin (DB15)	PJ1315	30571315
9-Pin (DB9)	PJ1309	30571309

'D' RANGE IDC PLUG



'D' Range Plug for IDC (Insulation Displacement Connector) flat ribbon cable.

- 15-Way Pins

15-Pin (DB15)	PJ4015	30574015

7-PIN LARGE ROUND SOCKET



Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PS2053	30978625

D-SUB

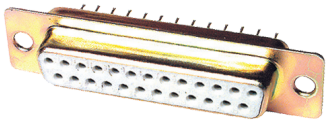
36-PIN CENTRONICS IDC PLUG



Centronics IDC Plug (insulation displacement) for flat ribbon cable.

36-Pin	PF2436	30412436

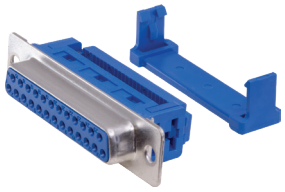
PCB MOUNT D-SUB SOCKET



Vertical PCB mount type with gold plated pins.

25-Pin (DB25)	PJ2025	30572025
37-Pin (DB37)	PJ2037	30572037

'D' RANGE IDC SOCKET



- For flat ribbon, IDC cable
- Gold contacts

25-Pin (DB25)	PJ4425	30574425
9-Pin (DB9)	PJ4409	30574409

7-PIN ROUND TRAILER PLUG

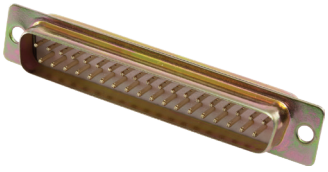


Re-Wireable Trailer Connectors.

- Screw down terminals
- Corrosion resistant metal contacts
- High quality UV stabilised plastics

	PP2054	30978627

'D' SOLDER PLUG



Standard solder type with gold plated pins.

9-pin	PJ1009	30571009
15-pin	PJ1015	30571015
25-pin	PJ1025	30571025
37-pin	PJ1037	30571037

25-WAY D RANGE PCB PLUG



25-Way Right Angled PCB type with gold plated pins.

- 8mm post to front plate
- DB25

	PJ2425	30572425

DB15 WAY D RANGE IDC SOCKET

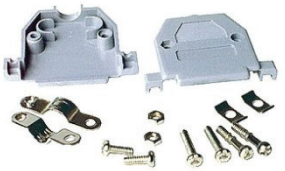


D Range IDC Sockets. Insulation Displacement type, with gold contacts.

- 15-way socket

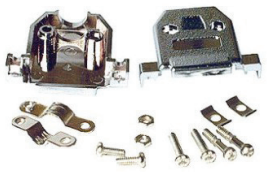
15-Pin (DB15)	PJ4415	30574415

D-SUB RANGE PLASTIC COVER



Suits DB37	PJ5048	30575048
Suits DB23	PJ5027	30575027
Suits DB25	PJ5032	30575032
Suits DB9/HD15	PJ5001	30575001
Suits DB15	PJ5017	30575017

D-SUB RANGE CHROME PLASTIC COVERS



D Range Shielded Chrome Plated Plastic covers with cable clamp.

Suits DB25	PJ5432	30575432
Suit DB15	PJ5417	30575417
Suits DB9/HD15	PJ5401	30575401

DB25 WAY D RANGE COVER THUMB



D Range 25-way plastic backshell with long captive locking bolts and internal cable clamp.

PJ5801 30575801

SHORT BUSHING 10 PAIRS



× 10

D Range Short bushings.

- Pack of 20 (10 pairs)
- 20x M3 screws
- 20x M3 short threads

PJ6001 30576001

MEDIUM BUSHING 10 PAIRS



× 10

D Range Medium bushings.

- Pack of 20 (10 pairs)
- 20x M3 screw threaded bushings/nuts
- 20x M3 nuts
- 20x spring lock washers

PJ6002 30576002

LONG BUSHING 10 PAIRS



× 10

D Range Long bushings.

- Pack of 20 (10 pairs)
- 20x M3 long screw threaded bushings/nuts
- 20x M3 nuts
- 20x Spring lock washer
- Thread length: 12mm

PJ6003 30576003

DB9 PIN PLUG TO PLUG



D Range straight through gender changer.

- Contacts: 9W
- Plug-Plug

PJ6609 30576609

HD15 PIN VGA PLUG TO PLUG



HD15 Plug-Plug gender changer.

PJ6617 30576617

DB25 PIN PLUG TO PLUG



D Range straight through gender changer.

- Plug to Plug
- 25W

PJ6625 30576625

DB9 PIN SOCKET TO SOCKET



Contacts 9-way Socket-Socket.

PJ7009 30577009

HD15 PIN VGA SOCKET TO SOCKET



Contacts HD15 Socket-Socket.

PJ7017 30577017

DB25 PIN SOCKET TO SOCKET



Contacts 25-way Socket-Socket.

PJ7025 30577025

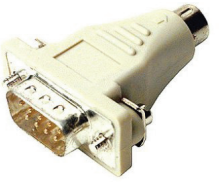
MD6P/DIN5S ADAPTOR



5-Pin DIN socket to 6-Pin mini DIN plug.

PJ7050 30577050

DB9M/MD6P ADAPTOR



DB9 plug to 6-Pin mini DIN socket.

PJ7060 30577060

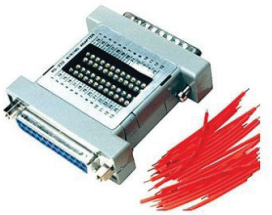
DB9F/MD6S ADAPTOR



DB9 socket to 6-Pin mini DIN socket.

PJ7065 30577065

DB25 PLUG TO DB25 PIN SOCKET



DB25 Male to Female. The RS232 mini patch box is used to make custom RS232 interfaces. It consists of a small board with a connector on each end. All 25-pins of each connector go to the 25 solder pads. By custom wiring these pads many different interfaces can be built: null modems, pin reversers, etc.

- For custom wiring of RS232 interface
- 25-Pin plug to 25-Pin socket with 48 re-usable push in spring loaded connectors
- Open access for instant re-configuration of pins 2 to 25 (pin1 protective ground)
- This unit is designed for on-the-fly configuration

PJ7329 30577329

DB25 MALE TO DB9 MALE ADAPTER

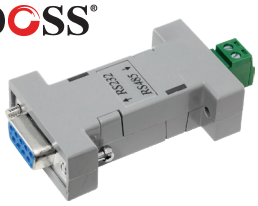


- D-SUB DB25M - DB9M Adapter.

GC4048 30577527

RS232 TO RS485 CONVERTER

DOSS

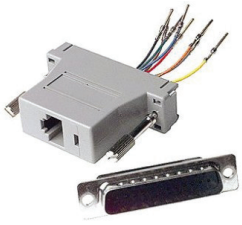


RS232 to 485 protocol converter.

- Does not need separate power supply
- Ideal for controlling PTZ camera via RS232 serial port over single twist pair (RS485)
- Supports hot switch

RS001 30578005

DB25 PIN PLUG TO RJ45 SOCKET

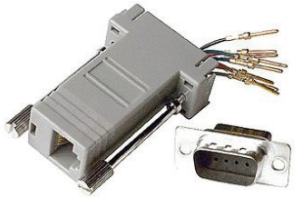


DB25 plug to 8-Pin modular socket.

- D Range 25-Pin connector
- 8P/8C connector

PK6001 30636001

DB9 PIN PLUG TO RJ45 SOCKET

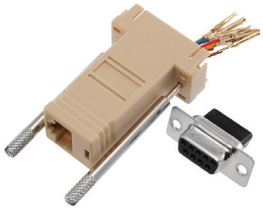


DB9 plug to 8-Pin modular socket.

- D Range 9-Pin connector
- 8P/8C connector

PK7012 30637012

DB9 PIN SOCKET TO RJ45 SOCKET



DB9 socket to 8-Pin modular socket.

- D Range 9-Pin connector
- 8P/8C connector

PK7015 30637015

VGA / SCART

SCART PLUG TO RCA & S-VIDEO

Pro.2



- Input – Output mode switch
- 21-Pin SCART to RCA & S-Video
- Designed to allow regular RCA, or S-Video leads to connect to SCART socket and vice versa

PA4220 30254220

VGA RIGHT-ANGLE ADAPTOR

Pro.2



VGA 15-Pin plug to socket at right angle.

Upwards	PA4305	30254305
Downwards	PA4310	30254310

21P SCART PLUG



21 pin Scart (Euro) Video plug with solder terminations.

PW8981 30978981

TV / PAL / F-TYPE

3GHZ 'F' TO 'F SOCKET JOINER

JONSA



F Female to F Female barrel connector.

- Metal
- 3GHz
- Foxtel Approved: F30583

PA5081 30255081

PUSH 'F' PLUG TO PUSH 'F' PLUG

S2 SPAUN



F-connector for connecting jacks of 2 (eg, in a cascade of multi-switches)

- Connector Type: 'F' plug to plug
- 5-Pack

PA5082 30255082

'F' SOCKET TO 'F' SOCKET BLUE



- Allows connection or joining of 2x F-Type sockets
- 75Ω impedance match up to 3GHz

PA5084 30255084

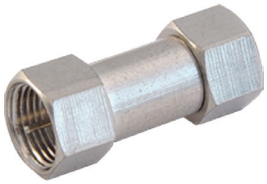
'F' SOCKET TO 'F' SOCKET WHITE



- Bulk head mounting
- 75Ω impedance match up to 1GHz

PA5085 30255085

'F' PLUG TO 'F' PLUG



Easily join two F-Type plugs together or change the gender of one F-Type plug.

- Full metal construction

PA5086 30255086

RIGHT ANGLE 'F' PLUG TO



F-Type Male to Female right angle adaptor.

PA5088 30255088

'F' PLUG TO PAL SOCKET



F-Type plug to PAL socket.

PA5093 30255093

'F' PLUG TO BNC SOCKET



- F-Type plug to BNC socket
- Nickel plated connectors
- Commonly used in CCTV applications

PA5095 30255095

'F' SOCKET TO RCA SOCKET



Converts F-connectors outlets to standard RCA or vice versa

- Suitable for Digital TV applications

PA5097 30255097

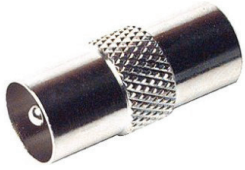
'F' PLUG TO RCA SOCKET ADAPTOR



Converts an RCA socket to an F-Type plug.

PA5099 30255099

PAL PLUG TO PAL PLUG



Metal PAL plug to PAL plug joiner.

PA5101 30255101

PAL PLUG TO PAL SOCKET



Metal PAL plug to PAL socket joiner.

PA5117 30255117

'F' MALE TO PAL PLUG ADAPTOR

HILLS.



PA5120 30255120

PAL PLUG TO 'F' SOCKET



PA5125 30255125

RIGHT ANGLE PAL PLUG- F SOCKET



Converts an F-Type socket into a PAL plug.

- Right angle design
- Gold connectors

PA5128 30255128

RIGHT ANGLE PAL PLUG TO SOCKET



PAL plug to PAL socket right angle adaptor.

- Saves space for connecting TV cables
- Nickel plated
- 75Ω

PA5130 30255130

PAL PLUG TO RCA SOCKET



PAL Male Plug to RCA Female Socket.

PA5133 30255133

RCA PLUG TO PAL SOCKET



RCA Male Plug to PAL Female Socket.

PA5136 30255136

RCA SOCKET TO PAL SOCKET



The perfect adaptor for converting your old PAL socket to an RCA socket and vice versa.

- Nickel plated

PA5138 30255138

PAL SOCKET TO PAL SOCKET



PA5401 30255401

PAL SOCKET TO 'F' SOCKET



PA5405 30255405

COAX CABLE QUICK JOINER



Coaxial joiner screw terminating.

PA5448 30255448

QUICK RELEASE CONNECTOR



- Will easily slide on to F-Type sockets without the need to screw on the connection
- May be used with signal strength meters

PA5970 30255970

RCA PLUG TO 'F' SOCKET



PA5981 30255981

PAL COMPRESSION GOLD PLUG



High performance gold plated RCA compression connector.

- Trouble free waterproof connections
- Gold plated, premium finish

PD3031 30363031

'F' CRIMP PLUG



Suits RG59	PR0940	30850940
Suits RG6	PR0972	30850972

'F' PUSH-ON PLUG

Laceys.tv



- No expensive crimp tools required
- Retains dielectric shape
- Easy to use
- Reusable
- Suits small or big jobs

Suits RG59	PR0946	30850946
Suits RG6	PR0996	30850996

'F' TWIST-ON PLUG



- No tools required for installation!

Suits RG59	PR0948	30850948
Suits RG6	PR0978	30850978

'F' SEAL CRIMP PLUG



Crimp type 'F' plug. Sealed, Approved type for Cable TV.

- Suits: RG6 & RG6 Quad Cable

PR0974 30850974

'F' CRIMP PLUG RG11



F-Type RG11 Crimp Plug with separate pin.

PR0977 30850977

'F' COMPRESSION PLUG SUITS RG6



Compression connectors provide quick cable terminations using compression tools.

PR0980 30850980

GOLD 'F' COMPRESSION PLUG



Compression connectors provide quick cable terminations using compression tools.

- PAY TV approved
- Gold plated connection

Suits RG6	PR0984	30850984
Suits RG59	PR0982	30850982

'F' 75Ω TERMINATOR



F-Type Terminator – F-Type 75Ω Dummy load Male.

	PR0987	30850987

'F' DOUBLE BUBBLE RG6 FOXTEL

HILLS.



RG6 F-Type double bubble connector.

- Foxtel Approved

	PR0994	30850994

RG6 PUSH ON F CONNECTOR

Kingray



Toolless RG6 push on connector.

- Low insertion loss
- Great for DIY
- Secure fit
- Preserves cable Integrity

	PR0998	30850998

'F' RG6 FOXTEL APPROVED

JONSA



Foxtel approved TRS compression connector designed for fast, convenient installation, while retaining superior performance all across the cable.

- Foxtel Approved: F30574
- All brass construction
- Dual rubber O-rings
- Stainless steel lock washer
- Compression activation indicators

	PR1000	30851000

'F' RG11Q COMPRESSION

JONSA



- Foxtel Approved: F30709

	PR1005	30851005

F TYPE TERMINATOR 75Ω

SPAUN



When terminating say multiswitches, you need a capacitive terminator as opposed to a resistive terminator. Resistive terminators can potentially cause damage to the system.

- Capacitive, 75Ω, DC isolated terminator

	PR1007	30851007

'F' COMPRESSION RG59 PLUG



Compression style 'F' plug to connect to RG59 cable.

- O-Ring
- Ideal for video transmission, CCTV, 75Ω applications and more

	PR1010	30851010

'F' COMPRESSION RG6QUAD PLUG



Compression style 'F' plug to connect to RG6QUAD cable.

- O-Ring
- Ideal for video transmission, CCTV, 75Ω applications and more

	PR1012	30851012

'F' COMPRESSION RG6QUAD PLUG



The PR1014 has been designed from the ground up to get easy and secure connections each and every time.

- Suits RG6 Quad coax cable
- F-Type plug connector
- Easy and safe installation in seconds
- Quick compression system
- One-piece connector – no loose parts

	PR1014	30851014

'F' COMPRESSION RG6 PLUG



Compression style 'F' plug to connect to RG6QUAD cable.

- O-Ring
- Ideal for video transmission, CCTV, 75Ω applications and more

	PR1016	30851016

PAL CRIMP PLUG SUITS RG6 QUAD

DOSS



PAL plug crimp connector for RG6 Quad shield coaxial cable.

- Ideal for connecting to coaxial fly lead extensions, antenna outlets, RF in on displays, VCRs & Set top Boxes
- Easy to connect

	PR1298	30851298

PAL CRIMP CONNECTOR TO SUIT RG6U

DOSS



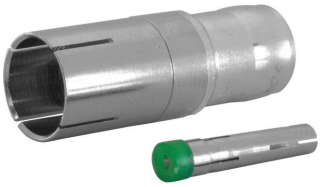
Crimp type PAL Plug, suitable for cable TV

- Suits RG6U Cable

Plug	PR1300	30851300
Socket	PR1305	30851305

RG6 DOUBLE BUBBLE PAL CONNECTORS

HILLS.



Create a TRUE 360° compression connection every time.

Socket	PR1310	30851310
Plug	PR1303	30851303

PAL SCREW TERMINATING PLUG



- All metal body with cord grip
- Screw terminating

Socket	PR1317	30851317
Plug	PR1308	30851308

RIGHT ANGLE PAL PLUG



PAL Right Angle coaxial Plug with cable guard. Screw terminating.

	PR1601	30851601

BNC

PAL PLUG TO BNC SOCKET



PA5148 30255148

PAL SOCKET TO BNC PLUG



PA5360 30255360

RCA PLUG TO BNC SOCKET



PA5701 30255701

RCA SOCKET TO BNC SOCKET



Female to Male RCA.

- Female to Male BNC
- Coaxial adaptor

PA5720 30255720

BNC PLUG TO 'F' SOCKET



PA5990 30255990

BNC PLUG TO BNC PLUG



PA6001 30256001

BNC PLUG TO 2X BNC SOCKETS



PA6032 30256032

BNC PLUG TO 2X BNC SOCKETS



- BNC Y Adaptor – 1 Male to 2 Female

PA6034 30256034

BNC PLUG TO UHF SOCKET



PA6048 30256048

BNC PLUG TO RCA SOCKET



PA6113 30256113

RIGHT ANGLE BNC PLUG TO BNC SOCKET



PA6117 30256117

BNC SOCKET TO BNC SOCKET



PA6401 30256401

BNC SOCKET TO BNC SOCKET



BNC socket to BNC socket, through panel mounting.

PA6416 30256416

BNC SOCKET TO 2X BNC SOCKET



PA6432 30256432

TNC PLUG TO BNC SOCKET



Converts a BNC plug into a TNC plug.

- BNC socket
- TNC plug
- Nickel plated

PA6608 30256608

TNC SOCKET TO BNC PLUG



PA6616 30256616

BNC PLUG TO 'N' PLUG



- Nickel plated
- Gold connectors

PA7335 30257335

BNC PLUG TO 'N' SOCKET



- Nickel plated
- Gold connectors

PA7340 30257340

BNC PLUG TO FME PLUG



- Nickel plated
- Gold connectors

PA7390 30257390

RIGHT ANGLE BNC PLUG



Right angle screw terminating with cord guard.

PG1001 30521001

BNC PLUG SUITS RG58C/CU



- Solder type
- Suits RG58U/RG58CU cable

	PG1020	30521020

BNC PLUG SUITS RG59U



BNC plug, solder type – Suits RG59U/RG62AU cable.

	PG1021	30521021

BNC CRIMP PLUGS



'Crimp' Type BNC plugs with captive pin (clicks into place).

- Teflon insulation

RG172U	PG1050	30521050
RG58CU	PG1064	30521064
RG59U/9275	PG1038	30521038
RG6	PG1070	30521070

BNC QUICK CRIMP PLUG



- One-piece plug
- Gold-plated brass contact pin

RG59	PG1042	30521042
RG6	PG1044	30521044

DOUBLE BUBBLE BNC PLUG RG6



	PG1075	30521075

BNC TWIST-ON PLUG



RG6	PG1090	30521090
RG59	PG1080	30521080

BNC COMPRESSION PLUG



Compression type BNC plug.

	PG1092	30521092

BNC CRIMP PANEL SOCKET



BNC Bulk head crimp type receptacle with Captive pin.

- 17.5mm hex nut
- Ø13mm mounting hole

RG59U/62AU	PG1313	30521313
RG58U	PG1310	30521310

BNC BULK HEAD SOCKET



BNC Bulk head solder type receptacle.

- Mounting hole Ø10mm
- Max 6.3mm panel thickness

	PG1317	30521317

BNC CRIMP SOCKET



RG58CU	PG1334	30521334
RG59U	PG1342	30521342

BNC TERMINATOR 50Ω



	PG1380	30521380

UHF / N / TNC

TNC SOCKET TO TNC SOCKET



	PA6624	30256624

FME TO TNC PLUG ADAPTOR



	PA6650	30256650

UHF PLUG TO BNC SOCKET



	PA6748	30256748

UHF SOCKET TO UHF SOCKET



	PA7001	30257001

RIGHT ANGLE UHF PLUG TO SOCKET

BENELEC Professional Wireless Solutions



Commercial grade right-angle UHF plug to UHF socket.

	PA7002	30257002

'N' PLUG TO 'N' PLUG



'N' plug to 'N' plug joiner/gender changer.

- Join two 'N' connectors or convert an 'N' socket connection to a plug

	PA7301	30257301

'N' SOCKET TO 'N' SOCKET



'N' socket to 'N' socket joiner/gender changer.

- Join two 'N' connectors or convert an 'N' plug to a socket

	PA7305	30257305

'N' PLUG TO BNC SOCKET



	PA7317	30257317

'N' PLUG TO UHF SOCKET



- Nickel-plated

PA7325	30257325

'N' SOCKET TO UHF PLUG



- Nickel-plated

PA7330	30257330

'N' PLUG TO FME PLUG



- Nickel-plated
- Gold connectors

PA7380	30257380

UHF PLUG TO FME PLUG



- Gold-plated connectors

PA7385	30257385

TNC PLUG RG58 CRIMP



TNC Crimp type plug. Suits RG58 50Ω cable.

PG1401	30521401

TNC PLUG SOLDER TYPE



- Suits RG58 50Ω cable

PG1408	30521408

TNC RP CRIMP INLINE PLUG



- RG58C 50Ω crimp RP plug

PG1500	30521500

TNC RP INLINE CRIMP SOCKET



TNC RP inline crimp socket.

PG1520	30521520

MINI UHF CRIMP PLUG



Mini UHF Crimp type plug.

PG1607	30521607

UHF SCREW-ON PLUG



Ø4.5mm cable	PG1632	30521632
Ø5.2mm cable	PG1660	30521660

UHF RG58U CRIMP PLUG



UHF Crimp type plug – Suits RG58 50Ω cable.

PG1634	30521634

UHF TO 5/16TH INCH THREAD



- PL259

PG1636	30521636

UHF RG8 / RG213 SOLDER PLUG



- Suits RG8 cable

PG1648	30521648

RG8 TO RG58 REDUCER



Screw in reducer for PG1648 plug.

PG1665	30521665

RG8 TO RG59 REDUCER



Screw in reducer for PG1648 plug – Reducer for RG59 cable.

PG1681	30521681

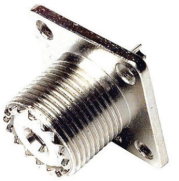
UHF PANEL SOCKET



UHF Solder panel socket. Single hole mounting.

PG2001	30522001

UHF PANEL SOCKET SQUARE BASE



UHF Solder panel socket. 4 hole mounting.

PG2032	30522032

RG58 INLINE UHF SOLDER SOCKET

BENELEC Professional Wireless Solutions



- Clamp type socket
- Suits RG58
- Solder type

PG2050	30522050

CLAMP SOLDER TYPE 'N' PLUGS



N-Type coaxial plugs.

- Clamp solder type

RG8/9/213	PG2532	30522532
RG58U	PG2501	30522501

'N' TYPE SOLDER SOCKET



- Suits RG8 / RG213 cable

PG3025	30523025

PR400 CONNECTOR FOR LMR400



'N' plug.

- Soldering type
- For LMR400
- Gold pin

PR400 30851319

PR195 CONNECTOR FOR LL195



'N' plug.

- Crimp type
- For LL195

PR195 30851321

FME / SMA

SMA SOCKET TO SMA SOCKET



PA6685 30256685

SMA-RP SOCKET TO SMA-RP SOCKET



PA6687 30256687

SMA PLUG TO BNC SOCKET



PA6690 30256690

SMA PLUG TO TNC PLUG ADAPTOR

multicomp



- Nickel-plated

PA6692 30256692

SMA SOCKET TO BNC PLUG



PA6694 30256694

SMA SOCKET TO BNC SOCKET



PA6695 30256695

SMA SOCKET TO MCX PLUG

multicomp



PA6696 30256696

SMA SOCKET TO MS147 PLUG

HRS



PA6698 30256698

SMA PLUG TO SMA PLUG



PA6700 30256700

SMA-RP PLUG TO SMA-RP PLUG



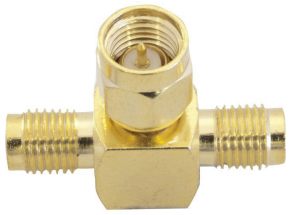
PA6702 30256702

RIGHT ANGLE SMA PLUG TO SOCKET



PA6706 30256706

SMA PLUG TO 2 X SMA SOCKETS



PA6708 30256708

SMA-RP PLUG TO 2X SMA-RP



SMA-RP plug to 2x SMA-RP sockets.

PA6710 30256710

SMA SOCKET CRIMP TYPE



SMA socket crimp type made with nickel plating brass.

- Including three parts: connector, pin and ferrule
- 50Ω impedance
- Suitable for LMR-240 cable

PA6712 30256712

FME SOCKET CRIMP TYPE



FME socket crimp type made with nickel-plated brass.

- Suitable for LMR-240 cable
- 3-piece design (connector, pin and ferrule)
- 50Ω impedance

PA6714 30256714

SMA PLUG TO FME PLUG



- Nickel-plated
- Gold connectors

PA7395 30257395

SMA SOCKET TO SMA-RP PLUG



PA7410 30257410

SMA SOCKET TO SMA-RP SOCKET



PA7415	30257415

SMA RIGHT ANGLE CRIMP PLUG



↗ Suits RG174U cable

PG1609	30521609

SMA INLINE CRIMP SOCKET



↗ Suits RG174U cable

PG1611	30521611

SMA-RP INLINE CRIMP PLUG



↗ Suits RG174U cable

PG1613	30521613

SMA-RP INLINE SOCKET



↗ Suits RG174U cable

PG1615	30521615

SMA INLINE CRIMP PLUG



↗ Suits RG58

PG1620	30521620

SMA-RP INLINE CRIMP PLUG



↗ Suits RG58

PG1621	30521621

RIGHT ANGLE SMA CRIMP PLUG



↗ Suits RG58

PG1622	30521622

SMA INLINE CRIMP SOCKET



↗ Suits RG58

PG1625	30521625

SMA-RP INLINE CRIMP SOCKET



↗ Suits RG58

PG1626	30521626

FME CRIMP SOCKET SUITS RG58



↗ Suits mobile phone car kits

PG3026	30523026

FME CRIMP PLUG SUITS RG58



FME mini coaxial crimp male connector with gold pin.

PG3027	30523027

MODULAR & USB

USB JOINER/GENDER CHANGER

Pro.2 Providing AV Solutions


PA2310


PA2313


PA2316


PA2319


PA2322


PA2325

↗ USB cable joiner
↗ Useful for cable extensions

USB-A Socket	USB-A Socket	PA2310	30252310
USB-A Socket	USB-B Plug	PA2313	30252313
USB-A Plug	USB-A Plug	PA2316	30252316
USB-A Plug	USB-B Socket	PA2319	30252319
USB-B Socket	USB-B Socket	PA2322	30252322
USB-A Socket	USB-B Socket	PA2325	30252325

USB3.0 JOINER/GENDER CHANGER

Pro.2 Providing AV Solutions


PA2328


PA2334


PA2337


PA2340


PA2343

Gender Changers are ideal for connecting like-gendered cables and solving gender or connector type mismatches.

↗ Nickel plated connectors
↗ Backwards compatible with USB 2.0
↗ Molded construction provides durability

USB-A Socket	USB-A Socket	PA2328	30252328
USB-A Plug	USB-A Plug	PA2334	30252334
USB-A Plug	USB-B Socket	PA2337	30252337
USB-B Socket	USB-B Socket	PA2340	30252340
USB Header Plug	USB-B Socket	PA2343	30252343

USB 2.0 RIGHT-ANGLE ADAPTOR



Dual-sided and reversible USB-A type plug to socket with right angle.

- Connector 1: USB 2.0 A-Type Socket
- Connector 2: USB 2.0 A-Type Reversible Plug

PA2311	30252311

PS2 TO USB-A ADAPTOR



Allows you to connect your PS2 keyboard to your computers USB Port.

PS2 Socket to USB-A Plug	PA2300	30252300
PS2 Plug to USB-A Socket	PA2305	30252305

USB A PLUG TO MICRO USB B PLUG



Great for connecting and charging small devices directly from laptop USB ports or for connecting Micro USB devices to USB-Host mobile devices using USB-OTG.

PA2346	30252346

USB-A SOLDER TYPE LINE PLUG

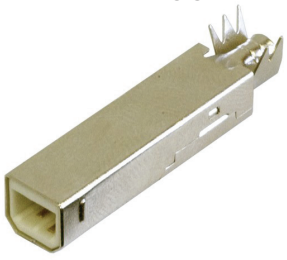


USB A-Type inline plug.

- Solder type – make your own USB leads

PF0010	30410010

USB-B SOLDER TYPE LINE PLUG

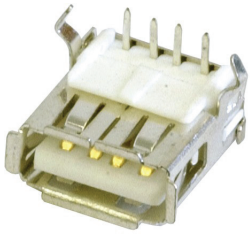


USB B-Type inline plug.

- Solder Type – make your own USB leads

PF0015	30410015

TYPE A USB PCB SOCKET



USB A-Type PCB Mount Socket.

PF0500	30410500

TYPE B USB PCB SOCKET



USB B-Type PCB Mount Socket.

PF0505	30410505

NAUSB-W USB PANEL MOUNT SOCKET



Ideal for audio networking and integration of computer based equipment into audio systems.

- Reversible insert offering type A or B on front or rear end
- Shell: Zinc diecast

PF0510	30410510

UTP RJ45 CAT5E SOLID SNAP PLUG



The T3 SNAP PLUG™ enables the conductors to pass through the connector itself, making it a lot easier to verify wiring order before crimp, reducing possible errors and waste of materials.

- 100 CAT5e plugs

T3SPC5	30633808

UTP RJ45 CAT6 SOLID SNAP PLUG



The T3 SNAP PLUG™ enables the conductors to pass through the connector itself, making it a lot easier to verify wiring order before crimp, reducing possible errors and waste of materials.

- 100 CAT6 plugs

T3SPC6	30633812

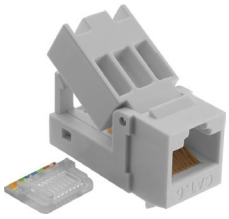
STRAIN RELIEF FOR EZ-RJ45 C5



Strain relief for EZ-45 CAT5 connectors.

Qty	Model	Code
100	EZ45C5SR-100	30633835

EZ-SNAPJACK KEYSTONE SOCKET



You may never again need a punchdown tool. At least for your wall jacks! The patented EZ-SnapJack is self-terminating and quickly installs for professional results in a snap.

- Repair damaged jacks on the spot
- EZ-SnapJacks are re-useable
- Wire guide ensures pairs stay in proper order for fast, easy termination
- Designed to fit industry standard keystone wallplates
- Sold individually

○	CAT6	EZSJC6-WH	30633856
●	CAT5e	EZSJC5-BLU	30633850
○	CAT5e	EZSJC5-WH	30633852

RJ45 CAT6A SHIELDED CONNECTOR



Suitable for CAT6e, CAT6a and CAT7.

- Max. cable OD: 8.5mm
- Max. conductor OD: 1.35mm
- Pack of 100

PT45C6S-100	30633860

TOUCHCABLE CONNECTOR 100-PACK



Ubiquiti TOUGHCable Connectors 100 Pieces TC-CON.

TC-CON	30633865

EZ DATALOCK LOCKING PINS 50 PIECES



50 pieces EZDATA Locking pins to work together with EZ DATALOCK strain relief.

- Colour: Red
- Material: Polycarbonate
- For data security

EZDLLP	30633881

EZ DATALOCK KEYS 5 PIECES



5 pieces EZ DATALOCK keys to unlock EZ DATALOCK locking pins.

- Material: Polycarbonate
- UL, RoHS, CSA & CE compliant
- For data protection

EZDTK	30633884

UTP RJ45 CAT6 8P8C MODULAR



- 8P8C modular plug
- For solid wire application
- For CAT6 patch cord application

PK3930	30633930

STP CAT6 8P8C MODULAR PLUG



8P8C Shielded Modular plug.

- For STP or SFTP (shielded twisted pair) cabling
- For stranded core application

PK3935	30633935

SSTP CAT6 8P8C MODULAR PLUG



Copper alloy shell.

PK3940	30633940

IDC TYPE MODULAR PLUGS



Modular IDC type plugs in clear housing with press release.

RJ11 (4P4C)	PK3980	30633980
RJ12 (6P6C)	PK3994	30633994
RJ12 (6P4C)	PK3988	30633988

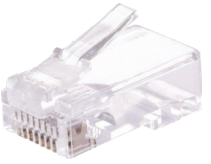
TOOLLESS RJ45 CAT5 8P8C PLUG



The PK3998 Toolless CAT5e plugs do not require any crimp or punch-down tool to fit! Squeezing the boot closed until latched will push the conductors securely into the IDC termination clamps finishing the connections.

PK3998	30633998

RJ45 CAT5 8P8C MODULAR PLUG



- Clear housing with Press release
- Contacts: Gold plated (30µm)

Solid	PK4005	30634005
Stranded Core	PK4001	30634001

RJ45 SCREW TERMINAL MODULAR



- Modular 8P8C plug with screw terminal block
- Used to connect CCTV over UTP

PK4008	30634008

RJ45 RUBBER BOOTS WITH STRAIN RELIEF



Modular RJ Plug Protector Flexible boot protects cable termination from dust, moisture, and breakage.

	PK4010	30634010
	PK4015	30634015
	PK4020	30634020
	PK4025	30634025
	PK4030	30634030
	PK4035	30634035

RJ45 CROSSOVER ADAPTORS



	CAT5e	PK4040	30634040
	CAT6	PK4045	30634045

RJ45 RUBBER BOOT SUITS PK3940



Suitable for SSTP / CAT6 / 8P8C modular plug.

PK4050	30634050

RJ45 RUBBER BOOT



Organise your CAT5e and CAT6 plugs with these snagless boots.

- 100-pack
- Relieves stress on cable
- Covers the external ground on shielded connectors
- Material: ABS plastic
- 6.5mm or 7.0mm cable opening

	6.5mm	PTB65BL-100	30634065
	6.5mm	PTB65OR-100	30634070

SMART DATALOCK RJ45 PLUG 10-PACK



RJ45 smart data lock plug.

- Locks empty RJ45 sockets
- Disables unauthorised connection of cables in switches or devices

SDRJ45P	30634100

SMART DATALOCK RJ45 JACK 10-PACK

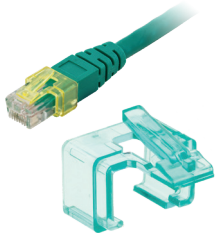


RJ45 smart data lock jack.

- Locks cables with RJ45 connectors in the socket
- Only able to unplug cable with the key

SDRJ45J	30634102

RJ45 PLUG SAVER 10PK



RJ45 Plug Saver can go on any RJ45 plug missing its latch to repair and extend the life of your cable.

	PSRJ45C	30634104
	PSRJ45G	30634105
	PSRJ45R	30634106
	PSRJ45B	30634107
	PSRJ45Y	30634108

20-PACK RJ45 SNAP LOCK WITH 1 KEY

T3 Innovation



Tamper proof RJ45 connectors with these Snap Locks. Guarantees no disconnections.

- 20x RJ45 Snap Locks
- 1x T3 Key

	RDT3-20	30634110

DUST COVER 10-PACK FOR RJ45

T3 Innovation



- Pack of 10
- Available Colours: Blue, White, Green, Black, Red & Yellow

	DCT3-BLU	30634150
	DCT3-WHI	30634152
	DCT3-GRN	30634154
	DCT3-BLK	30634156
	DCT3-RED	30634158
	DCT3-YEL	30634160

RJ45 CAT5E PANEL MOUNT

NEUTRIK



Panel mount receptacle with IDC punch down terminals, D-sized metal flange with latch lock, max. panel thickness 4mm.

- Mounting screws included

	PK4510	30634510

HEADER

IDC FLAT RIBBON CABLE SOCKET



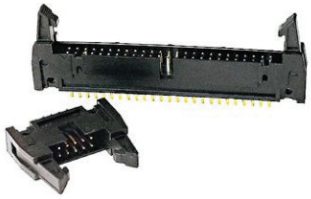
10-Pin	PM1010	30681010
16-Pin	PM1016	30681016
20-Pin	PM1020	30681020
34-Pin	PM1034	30681034
40-pin	PM1040	30681040
50-Pin	PM1050	30681050

PHOENIX CONNECTORS



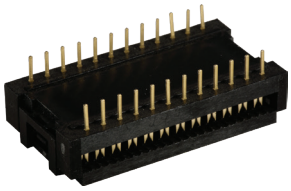
2-Pin	PM1202	30681202
3-Pin	PM1203	30681203
4-Pin	PM1204	30681204
6-Pin	PM1206	30681206

IDC PCB HEADER PLUG



10-Pin	PM1410	30681410
26-Pin	PM1426	30681426

IDC 24-PIN DIL CONNECTOR



Dual in line IDC Connectors. For connection between ribbon cable and dual in line I.C. sockets.

	PM3524	30683524

40-PIN SNAP SIL HEADER



Single row 40-Pin Header, pre-scored between pins, gold-plated phosphor bronze contacts. Header can be snapped to any required length. (0.1" pitch).

	PM6740	30686740

DUAL ROW PIN HEADERS



- Pre-scored between pins
- Gold-plated phosphor bronze contacts
- All headers can be snapped to any required length (0.1" Pitch)

16-Pin	PM7316	30687316
20-Pin	PM7320	30687320

HEADER SHUNT/ JUMPER



Miniature shunt for plug on programming, eliminates the need for dip switches or soldering. Female two position jumper, gold-plated contacts.

- Size: 9x5x2mm

	PM7701	30687701

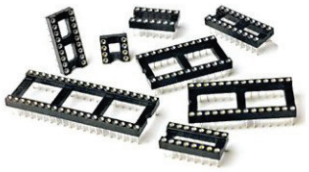
IC

IC SOCKETS



8-Pin	PW6408	30976408
14-Pin	PW6414	30976414
16-Pin	PW6416	30976416
40-Pin	PW6440	30976440

MACHINED IC SOCKET



8-Pin	PW6708	30976708
14-Pin	PW6714	30976714
18-Pin	PW6718	30976718
20-Pin	PW6720	30976720
28-Pin	PW6728	30976728
40-Pin	PW6740	30976740

QUICKCAP

QUICKCAP PLASTIC CAPS



	QUICKCAPBK	30521390
	QUICKCAPBL	30521391
	QUICKCAPRD	30521392
	QUICKCAPYL	30521393
	QUICKCAPGR	30521394
	QUICKCAPWT	30521395

QUICKCAP F SOCKET JOINER



Gender changer.

	PA5083	30255083

QUICKCAP 'F' PLUG RIGHT ANGLE



PA5089 30255089

QUICKCAP PAL PLUG



PA5126 30255126

QUICKCAP PAL SOCKET



PA5406 30255406

QUICKCAP RCA PLUG



PD3032 30363032

QUICKCAP RCA SOCKET



PD3033 30363033

QUICKCAP BNC PLUG



- Suits sizes RG58, RG59, RG6 Dual Quad

PG1073 30521073

WALL PLATES

SPEAKER WALL PLATES

CLIPSAL-STYLE SPEAKER WALL PLATES

Pro.2 Providing AV Solutions



- 4mm banana terminals
- Designed to suit Clipsal 2000 series wall plates

2-way	PRO1030	39893110
4-way	PRO1032	39893115
6-way	PRO1034	39893117
8-way	PRO1044	39893120

DUAL CLIPSAL-STYLE SPEAKER WALL PLATE

Pro.2 Providing AV Solutions



- 4mm banana terminals
- Designed to suit Clipsal 2000 series wall plates

12-way	PRO1143	39893123
16-way	PRO1144	39893122

7.1 HOME THEATRE WALL PLATE

Pro.2 Providing AV Solutions



The ideal wall plate to connect to your 7.1ch AV receiver.

- Decora trim plate
- 14 gold plated heavy duty, solderless binding terminal posts
- 1x RCA socket for connecting to a subwoofer
- Binding posts support 4mm banana plugs
- Dimension: 114x140x31mm

PRO1144A 39893124

AV EXTENDER WALL PLATES

COMPONENT + STEREO OVER CAT5

Pro.2 Providing AV Solutions



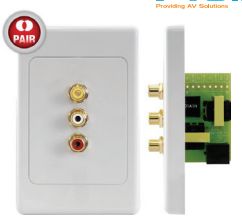
Extend the reach of your component video and stereo audio signals using economic CAT5e cable.

- Video: 3 RCA(Y/Pb/Pr) sockets; (Green, Blue and Red)
- Audio: 2 RCA stereo left and right(White and Red)
- UTP: RJ45

PRO1276WP 07350097

COMPOSITE STEREO AUDIO CAT5

Pro.2 Providing AV Solutions



This wall plate will provides crystal clear audio and video over long distances utilizing economical CAT5e or higher UTP cable.

- Includes mounting hardware
- Easy D.I.Y. installation
- Colour-coded IDC contacts
- Audio/Colour video: Category 5e UTP cable up to 100 metres

PRO1177 39893331

VIDEO AUDIO + POWER OVER CAT5



Used in pairs via one CAT5 UTP cable to send video, audio and power up to 300 metres.

- Wall mountable type for a neat and cleaner installation
- Wall plate outer dimension: 115x71mm
- 2x RCA female for video and audio, 1x DC jack for power
- Perfect for integrated home security and entertainment application

CW01AP 39893341

HDMI OVER CAT5E/6 WALL PLATE

Pro.2 Providing AV Solutions



Transmit HDMI signal up to 60m over single CAT5e/6 cable.

- With infrared control signal passing through function
- Compatible with 3D format
- Transmission distance up to 60m with 1080p video format

HDC6WP 39893348

ACTIVE COMPOSITE STEREO + IR

Pro.2 Providing AV Solutions



Twisted pair extenders allow long distance distribution of audio and video using inexpensive CAT5e cables.

- Deco style wall plates
- Video: Composite Audio: Left & Right
- 3x RCA to UTP: 110-type rear punchdown
- CFL friendly – Allows installation with CFL lighting
- Cord Length – 3m on IR emitter and IR Receiver

PRO1199 39894067

AUDIO VIDEO & COMPONENT + IR

Pro.2 Providing AV Solutions



Designed to be surface mounted in in-wall composite/component video, and stereo audio/digital audio with IR control applications.

- Distributes your AV signals via economical CAT5 cable
- Dimension: 114x70x42mm (including blank wall plate)
- IR receiver stick

PRO1254D 39894091

AV WALL PLATES

MUSIC ROOM MANAGER HILLS HUB



Capable of distributing up to 4 music sources (such as CD, DVD, radio, media centres, etc.) to up to eight music room manager zones.

S4730	00761406

COMPONENT + CBVS + IR + 'F' RF

NEOTECH



Designer wallplate series with a dress cover for clean and easy pre-installation and retro fit custom installs.

- Component Video 3x RCA
- Video RCA Coax 'F' plus 3.5mm Stereo IR
- Socket to socket through plate gold plated fittings
- Dimensions: 70(W) x 110(H)mm

NWP107	39893084

1X HDMI HORIZONTAL WALL PLATE Pro.2



This wall plate features a flexible lead on the rear HDMI socket, allowing easy installation and allows natural fall of cables in-wall, relieving tension on the wall socket.

- Compliments Clipsal 2000 plate design

HDMI1H	39893299

1X HDMI VERTICAL WALL PLATE Pro.2



HDMI for wall plate termination of HDMI distribution system.

- Silver plated HDMI certified 1.3a compliant connectors for uncompromised performance
- Available only in HDMI rear cable/dongle version for essential in-wall flexibility
- Easy to install with clip on frame surround to cover mounting points
- Mounting hole spacing compatible for use in USA, Australia & New Zealand

HDMI1FLEX	39893300

2X HDMI VERTICAL WALL PLATE Pro.2



HDMI for wall plate termination of HDMI distribution system.

- Silver plated HDMI certified 1.3a compliant connectors for uncompromised performance
- Available only in HDMI rear cable/dongle version for essential in-wall flexibility
- Easy to install with clip on frame surround to cover mounting points
- Mounting hole spacing compatible for use in USA, Australia & New Zealand

HDMI2FLEX	39893303

HDMI + USB VERTICAL WALL PLATE Pro.2



This wall plate features a flexible lead on the rear HDMI and USB sockets, allowing easy installation and allows natural fall of cables in-wall, relieving tension on the wall socket.

- Compliments Clipsal 2000 plate design

PK3304	39893304

VGA & 3.5MM AUDIO WALL PLATE



VGA Wall Plate Clipsal 2000 – Screw Connections.

- Screw Terminal Type VGA Plates are fitted with DE15 female VGA connector & 3.5mm audio
- Includes PCB mounted terminal block connector for easy, on-site termination

P6847	39893306

STRAIGHT VGA & 3.5MM STEREO Pro.2



- VGA socket to socket connector for use with pre-made VGA cables
- 3.5mm stereo audio socket to socket connector
- No cable termination required
- Horizontal layout

PK3307	39893307

RIGHT ANGLE VGA & 3.5MM Pro.2



Right angle rear connections make it easy to run behind tight walls.

- VGA socket to rear right angle connector for use with pre-made VGA cables
- 3.5mm stereo audio socket to rear right angle socket connector
- No cable termination required
- Horizontal layout

PK3309	39893309

DUAL COVER 4 GANG WALL PLATES WITH VGA



- HD9 VGA socket to either screw terminal, fixed socket or flexible lead socket
- 4 blank mech spaces for individual configuration
- Two fascia clip-on covers (HPM, Clipsal style) to match your existing decor

Screw-terminals	P5980	39893311
Fixed socket	P5982	39893313
Flexible lead (socket)	P5985	39893314

COMPOSITE AV WALL PLATE Pro.2



Clipsal-style composite video + audio (3x RCA) wall plate.

- 3x gold plated RCA connections

PRO1121	39893321

COMPONENT VIDEO + STEREO AUDIO Pro.2



Component Video/Stereo Audio Wall Plate with RCA jacks.

- RCA connectors: YPb(Cb)Pr(Cr)/ RGB connections (Green/Blue/Red)
- Mounting hardware supplied: 2x mounting bolts, 2x short screws

PRO1117	39893325

HDMI COMPONENT STEREO DIGITAL



- Gold-plated RCA connections
- 1x HDMI
- Green/Blue/Red: Component video
- Amber: Digital audio
- White/Red: Stereo audio

PRO1258A 39893343

VGA + COMPOSITE AV + PC AUDIO



- 1x VGA socket to socket
- 1x 3.5mm audio socket to socket
- 3x Video/Stereo audio RCAs, socket to socket (Yellow/White/Red)
- Horizontal layout

PRO1277 39893350

VGA + USB + STEREO WALL PLATE



- VGA socket to socket
- USB socket to flexible lead socket
- 2x stereo audio RCA socket to socket (White/Red)
- Vertical layout

PRO1279 39893355

VGA S-VIDEO COMPOSITE VIDEO



- 1x VGA socket to socket
- 1x 3.5mm audio socket to socket
- 1x S-Video socket to socket
- 1x Video RCA socket to socket (Yellow)

PRO1280 39893360

VGA COMPOSITE AV USB PC AUDIO



Connect your USB, VGA, 3.5mm Audio and RCA cables from your desired source to wall.

- 1x VGA Female to Female
- 1x 3.5mm Audio socket
- 3x RCA socket to socket (Yellow/White/Red)
- 1x USB socket to socket on flexible lead

PRO1309 39893370

HDMI VGA COMPOSITE AV PC



Connect your HDMI, VGA, 3.5mm Audio and RCA cables from your desired source to wall.

- 1x HDMI socket on flexible lead
- 1x VGA Female to Female
- 1x 3.5mm Audio socket
- 3x RCA socket to socket (Yellow/White/Red)

PRO1310 39893375

USB VGA PC AUDIO WALL PLATE

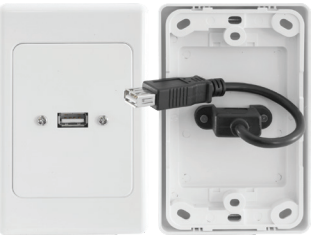


Connect your VGA, 3.5mm Audio and VGA cables from your desired source to wall.

- 1x VGA Port
- 1 x 3.5mm Audio socket
- 1x USB socket

PRO1314 39893385

USB WALL PLATE



1x USB 2.0 High Speed socket to socket through connection.

- Flexible cable extension on rear
- Vertical mount design
- Designed with Stainless Steel USB mounting screws

PRO1237 39893390

HDMI VGA USB 3.5MM AUDIO



This wall plate features flexible leads on the rear sockets, allowing easy installation and allows natural fall of cables in-wall, relieving tension on the wall socket.

- HDMI connection rated High Speed with Ethernet
- Compliments Clipsal 2000 plate design

PRO1345 39893400

HDMI VGA WALL PLATE



This wall plate features a flexible lead on the rear HDMI socket, allowing easy installation and allows natural fall of cables in-wall, relieving tension on the wall socket.

- Compliments Clipsal 2000 plate design

PRO3420 39893420

USB-B 3.5MM AUDIO VGA HDMI W/P



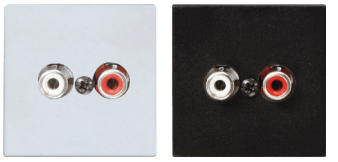
USB-B, 3.5mm audio, VGA and HDMI wall plate.

- Flexible lead on rear

PRO3425 39893425

WALL LINE INPUT

AUDAC



- Dual RCA Front - Terminal block rear
- Signal transmission up to 300 meters over CAT5e (or better)
- Signal is converted to a differential dual mono signal with increased voltage levels
- Requires optional CP45S/DH for flush mounting
- Requires optional WB45S/D surface mount box for surface mounting

○ WLI18W 39893830
● WLI18B 39893850

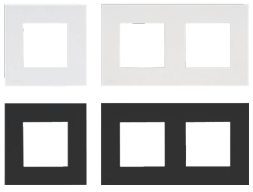
WALL MICROPHONE INPUT



- Female XLR input connector on the front side
- Terminal block connector on the rear side
- Signal is converted to a differential signal with increased voltage levels
- Signal transmission up to 300 meters over CAT5e (or better)
- 15 Volts phantom power

○	WMI18W	39893832
●	WMI18B	39893852

MOUNTING FRAME COVER PLATE



Black or White Cover frame 45x45mm with hooks.

- Includes a metal subframe
- Equipped with claws that lock in your Installation Housing

○	Single	CF45SHW	39893834
●	Single	CF45SHB	39893854
○	Double	CF45DHW	39893836
●	Double	CF45DHB	39893856

WALL PANEL CONTROLLER



The MWX45 wall panel controller is used in combination with the AUDAC MTX series.

- Selects the desired audio source and controls the volume for one zone
- 7 segment LED display
- Optional flush mount panel
- Optional surface mount box

○	MWX45W	39893840
●	MWX45B	39893845

ALL IN ONE WALL PANEL



MWX65 all-in-one wall panel controller used in combination with the AUDAC MTX series.

- Controls the input signal and volume for one zone
- Local line and microphone level input
- Integrated 2.5" graphical display ensures a user friendly experience
- XLR & RCA connectors for Mic and Line inputs
- 15V Phantom Power via software configuration
- UTP CAT5 cabling

○	MWX65W	39893860
●	MWX65B	39893865

REMOTE CONTROL WITH MIC/AUX

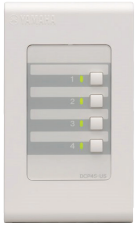


QT1WML remote wall mount control to suit QMatrix 88.

- Select input source 1-8 or local zone
- Local Microphone/Aux input with separate volume control
- Power LED turns blue when powered

	QT1WML	39894614

4 SWITCH DIGITAL CONTROL PANEL



4 switch equipped wall mount control panel.

- Suits: MRX / MTX mixers & MA2120 / PA2120 amps
- Maximum 8 DCPs can be connected to 1 MTX / MRX mixer

	DCP4S	39896015

WALL MOUNT CONTROL PANEL



Wall mount controller suits MA and MTX series.

- 1x Rotary volume and 4x switches
- RS485, power over Ethernet

	DCP1V4S	39896020

WALL MOUNT CONTROL PANEL



Wall mount controller suits MA and MTX series.

- 4x Rotary volume and 4x switches
- RS485, power over Ethernet

	DCP4V4S	39896025

TV WALL OUTLETS

SURFACE MOUNT TV OUTLET



PAL Surface Socket. 75Ω Coaxial single outlet. Screw terminating. Includes mounting screws. With standard outlet.

	PR2801	30852801

SURFACE MOUNT TV OUTLET



Surface type PAL Socket to F-Type TV outlet.

- Clean and minimal design
- Connections: PAL Socket to F-Type socket
- Includes mounting hardware

	PR2803	30852803

SURFACE MOUNT TV OUTLET



Surface mount TV outlet 'F' socket to 'F' socket.

- Requires connection by 'F' plugs on front and rear
- 2GHz 'F' barrel connector

	PR2805	30852805

ARCHITRAVE TV WALL PLATE - PAL



PAL Architrave flush white wall socket (HPM D770/1CXWE) with 75Ω outlet.

- Screw terminating
- Size: 68x32mm

	PR3701	30853701

SUPER SLIM 'F' TV WALL PLATE



Socket to socket.

- Thin edge: 2mm
- Suits all standard mounting blocks, brackets & clips

	TVFW	30853795

SLIM TV WALL PLATE PAL TO 'F'

TRANSCO



Front PAL socket to 'F' socket.

- Thin edge: 2mm
- Suits all standard mounting blocks, brackets & clips

TVFPW 30853796

PAL TO 'F' SOCKET WALL PLATE

Pro.2



PAL type 75Ω socket on standard electrical wall plate.

- Front: PAL 75Ω Socket
- Rear: 'F' Socket

PR3835 30853835

'F' TYPE TV WALL PLATE

Pro.2



'F' Socket on standard electrical wall plate.

- Front: 'F' Socket
- Rear: 'F' Socket

PR3850 30853850

TWIN F-TYPE TV WALL PLATE

Pro.2

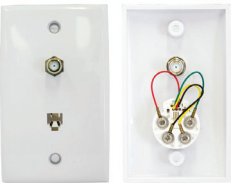


Wall plate dual pay TV ('F' front & both 'F' rear).

PR3860 30853860

TV WALL PLATE WITH TELEPHONE

Pro.2



'F' Type Socket to Socket - 6P4C telephone connector.

- Front: 'F' Socket; 6P4C Jack
- Rear: 'F' Socket; 4x Screw terminals

PR3870 30853870

TWIN 'F' SOCKET TO SOCKET



Twin 3GHz 'F' socket to socket connections.

- Foxtel Approved: F30578

PR3872 30853872

F-TYPE & PAL TV WALL PLATE



Free-to-air and Pay TV dual 3GHz socket wall plate.

- Front: 'F' Socket, PAL Socket
- Rear: Both 'F' Sockets

PR3880 30853880

TWIN 'F' & PAL WALL PLATE



Twin 'F' and single PAL sockets.

- Foxtel Approved: F30127

PR3884 30853884

SINGLE 'F' SOCKET WALL PLATE



- Foxtel Approved: F10359

PR3886 30853886

SAT / FTA / PDR OUTLET PLATE

Matchmaster TV Reception Systems



Suitable for domestic installations for use with 5 wire system, satellite, digital, pay TV systems as well as personal digital recorders.

- Foxtel approved (F10115)
- Includes one blank insert
- Return loss SAT >20dB to 3GHz FTA >20dB to 1GHz
- Gloss finish

WP04 30853895

TV & FM TWIN TV WALL PLATE



PAL TV/FM Twin Standard flush wall socket.

- 2-way splitter
- 2x 75Ω outlets
- Screw terminating. (HPM 770 MBFMTV75)

PR4605 30854605

CARAVAN WALL PLATE

Aerial Industries AI



Internal and external TV cable connector.

- Adjustable 25-35mm to suit various wall thicknesses
- Includes the rubber weather protection cap

CVNWP 30854645

POWER WALL PLATES

ANTENNA AND POWER WALL PLATE



Power and TV wall plates for caravans and RVs.

- Weather resistant car accessory socket and 'F' antenna connector
- Includes 2x fascia clip on covers

L1036 30854650

CARAVAN DUAL 12V WALL PLATE



Power wall plates for caravans and RVs.

- 2x 12V sockets
- 2x fascia clip on covers

L1037 30854651

CARAVAN 12V WALL PLATES



Caravan Accessory & Merit Socket 12V Wall plate.

	L1041	30854653

USB AND MERIT 12V WALL PLATE



Power wall plates for caravans and RVs.

- 1x Single weather resistant merit socket
- 1x USB type 'A'
- 2x Fascia clip on covers

	L1042	30854654

USB AND CIG CHARGER WALL PLATE



Power wall plates for caravans and RVs.

- 1x single weather resistant cig socket
- 1x USB type 'A'
- 2x fascia clip on covers

	L1043	30854655

4-PORT USB CHARGING WALL PLATE

Jackson™



4 USB power sockets.

- Total of 3.1 Amps

	PS4071	33774510

MODULAR WALL PLATES

MODULAR WALL PLATE SYSTEM

Pro.2 Providing AV Solutions





At Pro2, we understand that each job is different and each setup is unique. So that's why we create the MWI13 modular wall plate range. With our modular design, you can simply mix and match up to 3 modules to suit your needs.

- Modules snap on tightly and securely giving a perfect finish each time
- Clipsal-style, white ABS frame
- Dimensions: 115.7x74.5mm
- Mounting screws included with frame
- Mix and match modules for customised wall-plates
- Blank modules can easily be drilled for your own combinations of connectors

	Empty wall plate/frame		MW13FR	30634800
	Brush module (3x module size)		MWI13BR	30634890
	1x Keystone adaptor		MWI13KS	30634848
	Blank module		MWI13BL	30634885
	Single RCA (Yellow)		MWI13RCA1	30634805
	2x RCA (White/Red)		MWI13RCA2	30634810
	3x RCA (White/Yellow/Red)		MWI13RCA3	30634815
	3x RCA (Red/Green/Blue)		MWI13RGB	30634820
	USB-B socket		MWI13USBB	30634869
	USB2.0 socket		MWI13USB2	30634865
	USB3.0 socket		MWI13USB3	30634867
	2x Banana/Speaker terminals		MWI13SPK	30634845
	VGA/DB15 socket		MWI13VGA	30634860
	DVI socket		MWI13DVI	30634875
	HDMI socket		MWI13HDMI	30634870
	TOSLINK socket		MWI13TOS	30634835
	CAT5e socket		MWI13C5J	30634855
	CAT6 socket (Snap In)		MWI13C6J	30634857
	CAT6 socket (Punch Down)		MWI13C6M	30634850
200mm	3.5mm socket		MWI13A35	30634840
	F-type socket	[Foxtel Approved]	MWI13FF	30634830
	2x F-type sockets	[Foxtel Approved]	MWI13FF2	30634832
	PAL socket		MWI13PF	30634825
	BNC socket		MWI13BNC	30634880

BLANK WALL PLATES

BLANK WALL PLATE / COVER PLATE

Pro.2 Providing AV Solutions



Blank wall plate for use as a cover for previously cut out holes. Suits Clipsal 2000 Series wall plates.

	PRO1024B	11953401

BULLNOSE WALL PLATE

Pro.2 Providing AV Solutions



This unique wall plate allows cables to enter the wall cavity space without the need for interconnect wall plates in between.

- Ideal for instances where you have pre-made leads directly out of the wall cavity

○	BNWP01	11953405
●	BNWP01B	11953406

WHITE LOW PROFILE BULLNOSE

Pro.2 Providing AV Solutions



This unique wall plate allows cables to enter the wall cavity space without the need for interconnect wallplates in between. Ideal for instances where you have pre-made leads directly out of the wall cavity.

- Low profile design
- Bristle brush design prevents dust and bugs from entering from the wall cavity
- Wall plate depth: 10mm
- Total depth (incl. dome): 30mm
- Dome depth: 20mm

	LPBNWP	11953407

REVERSE BULLNOSE WALL PLATE

Pro.2



- Low profile design
- Bristle brush design prevents dust and bugs from entering from the wall cavity

○	REVBNWP	11953408
●	REVBNWPB	11953410

WALL PLATE WITH ID TAG

tetech



Standard electrical wall plate assembly with snap on cover that hides mounting screws.

- Integrated cable strain relief posts
- Includes ID Name plate for each outlet
- Suits most IDC Modular sockets

1-gang	PK4551	30634551
2-gang	PK4562	30634562

3-GANG WALL PLATE

tetech



Standard electrical wall plate assembly with snap on cover that hides mounting screws.

- Integrated cable strain relief posts
- Includes ID Name plate for each outlet
- Suits most IDC Modular sockets
- Number of Outlets: 3

	PK4564	30634564

4-GANG KEYSTONE WALL PLATE

Pro.2



Quad, flush-type plate to accept PK4500 & PK4534 Keystone jacks. Fits standard electrical switch plate installation hardware and screw centres, making it perfect for easy flush installation on Gyprock or fibro cavity walls.

- Includes mounting screws
- Supplied unloaded without Keystone jacks
- Size (WHD): 70x114x6mm

4-gang	PK4575	30634575

CLIPSAL-STYLE ARCHITRAVE PLATE

Pro.2



Ideal for skirting board / architrave mounting or caravan installations.

- Dimensions (WHD): 32x79x11mm

1-gang	PK4576	30634576
2-gang	PK4578	30634578

CLIPSAL-STYLE WALL PLATE

Pro.2



- Dimensions (WHD): 120x73x10mm
- To suit Clipsal compatible inserts

1-gang	PK4580	30634580
2-gang	PK4582	30634582
3-gang	PK4584	30634584
4-gang	PK4586	30634586
6-gang	PK4588	30634588

WALL PLATE VGA AND DB9

CLIPSAL



Genuine Clipsal wall plate for VGA and DB9 inserts.

- Jacks mount directly into plate without the need for adaptors
- Clip on surround covers mount screws
- Mounts horizontally or vertically

	PK4590	30634590

CLIPSAL 2000 SERIES WALL PLATES

CLIPSAL



Suits Clipsal style inserts to create your own custom configuration.

- Clipsal 2000 Series
- Flush Surround
- 30 Series aperture
- Size: 116mm x 76mm x 13mm
- Mounting centre: 84mm apart

1-gang	PK4591	30634591
2-gang	PK4592	30634592
3-gang	PK4593	30634593
4-gang	PK4594	30634594
5-gang	PK4595	30634595
6-gang	PK4596	30634596

XLR BLANK WALL PLATE

Pro.2



Blank wall plate to suit a variety of XLR connectors.

- Connecting screws (x2) are included
- Suits narrow flange XLR connectors
- Designed to match Clipsal 2000 wall plates

	PRO1240	39893395

BLANK WALL PLATE WITH CUTOUT

Pro.2

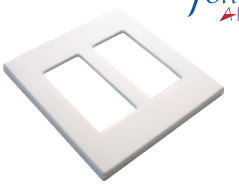
Decora-style empty insert wall plate.

- 2x Short screws included

	PRO1024	39893327

SCREWLESS WALL PLATE TRIM

forté A-BUS

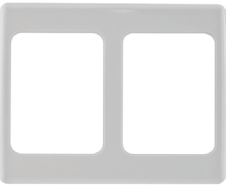


- NEMA standard mounting

1-gang	WP10	39893602
2-gang	WP20	39893604
3-gang	WP30	39893606

2-GANG COVER WALL PLATE CUTOUT

Pro.2



Clipsal-style dual-insert (empty) wall plate cover.

- Cleanly combine 2 wall plates with one bezel for a professional finish
- Clips onto standard Clipsal and Clipsal-style wall plates

	PRO1153	39893380

DECORA BRUSH WALL PLATE

Pro.2



- Allows cables to enter the wall cavity space without the need for inter-connect wall plates
- Ideal for pre-made leads directly out of the wall cavity
- Brush keeps dust away
- Colour: White

	PRO1272D	39893367

CLIPSAL-STYLE BRUSH WALL PLATE



Allows cables to enter the wall cavity space without the need for inter-connect wall plates.

- Clipsal style brush wall plate
- Ideal for pre-made leads directly out of the wall cavity
- Brush keeps dust away

○	PR01272	39893365
●	PR01272B	39893366

BRUSH WALL PLATE



- Material: Polycarbonate plastic (PC)
- Hole Size: 53mm x 25mm
- Colour: White

	EC01272	39893900

DUAL BRUSH WALL PLATE



This dual brush wall plate allows cables to enter the wall cavity space without the need of interconnect wall plates in between. Ideal for installing pre-made leads directly out of the wall cavity.

- Keep the dust away with its bristle brush design!

	PR01273	39893410

WALL PLATE MECHS

RJ45 CONNECTOR TO 8-PIN BLOCK



Audac RJ45 to 8-Pin test adaptor.

- RJ45 connector to 8-Pin block

	CTA845	30634380

BEZEL ADAPTOR TO SUIT CLIPSAL



Adaptor bezels to fit keystone jacks into Australian Clipsal or HPM brand flush plates.

- Suitable for use with either our CAT5 or CAT6 keystone jacks

○	PK4410	30634410

RJ12 CAT3 MECHANISM SOCKET



Keystone modular IDC type wall socket with adaptors to fit standard wall plates including the ID NAME plates and CLIPSAL design (PK4551/PK4562).

- RJ12 6 contact type, accepts PK3988/3994 Modular plugs. 6P6C OR 6P4C

	PK4500	30634500

RJ14 VOICE GRADE IDC JACK 6P4C

DATAMASTER

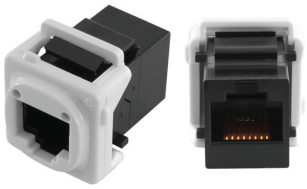


6P4C IDC jack for telephone applications.

- 2 IDC connections per contact allowing easy loop-in, loop-out for typical voice applications
- Compatible with most standard Australian flush plates
- Rear termination with 110 or Krone IDC impact tool

	PK4505	30634505

DUAL CAT5E MECHANISM SOCKET



Straight through CAT5e coupler for use with Keystone patch panels or Keystone wall plates.

- Allows ready-made CAT5e patch cords to be used in fixed installations

	PK4520	30634520

MODE3 SECURITY MECH SOCKET

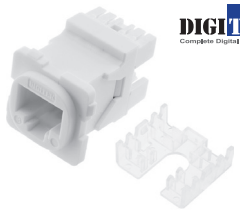


RJ45 8P4C IDC jack with 2 IDC connections per contact allowing easy line-in and line-out for typical alarm dialler applications.

- Compatible with most standard Australian flush plates
- Rear termination with 110 or Krone IDC impact tool

	PK4525	30634525

RJ45 CAT3 VOICE ONLY MECHANISM



RJ45 CAT3 (Voice Only) Mech Socket.

- 8 contact type
- Suits Clipsal style wall plates

	PK4530	30634530

RJ45 CAT5E MECHANISM SOCKET



- Keystone modular IDC type wall socket
- Adaptors to fit standard wall plates including the RJ45 CAT5e mechanism sockets

	PK4534	30634534

RJ45 CAT5E MECHANISM SOCKET



RJ45 CAT5e mech socket.

- 8P8C
- Suits Clipsal style wall plates

	PK4535	30634535

RJ45 CAT6 MECHANISM SOCKET



- Keystone modular IDC type wall socket for CAT6 networking
- Supports up to 1000Mbps data rate
- Includes keystone to Clipsal adaptor

	PK4545	30634545

RJ45 SOCKET MECHANISM



- Suits Clipsal style wall plates
- 8P8C

CAT6A	PK4549	30634549
CAT6	PK4546	30634546

SHIELDED CAT6A SOCKET KEYSTONE



- Toolless LSA termination
- Fits into a standard keystone cutout
- Snap in module design

	PK4547	30634547

DUAL CAT6 MECHANISM SOCKET



Straight through CAT6 coupler for use with Keystone patch panels or Keystone wall plates.

	PK4555	30634555

'F' SOCKET KEYSTONE INSERT



Gold plated Keystone 'F' adaptor for many applications.

- Features an 'F' socket to socket

	PK4601	30634601

S-VIDEO KEYSTONE INSERT



Keystone S-Video adaptor for many applications.

- Features an S-Video socket to IDC terminal

	PK4610	30634610

USB CHARGER MECHANISM 5W 1A



Suits Apple, Samsung and all other smartphones, tablet brands or portable USB devices.

- Fit up to 6x USB chargers in 1x wall plate
- Suits CABAC, Clipsal, HPM and Legrand style wall plates
- 5W 1A

	HNS070UC	30634616

3.5MM FLEXIBLE STEREO SOCKET



3.5mm stereo audio wall plate insert.

- 3.5mm stereo socket to socket connection
- Flexible lead
- Suits Clipsal style wall plates

	PK4630	30634630

'F' SOCKET TO 'F' SOCKET



F-Type to F-Type Insert.

- Blue terminal
- To suit Clipsal wall plates

	PK4640	30634640

PAL SOCKET TO 'F' SOCKET



- To suit Clipsal wall plates

	PK4642	30634642

CLIPSAL-STYLE RCA SOCKET INSERT



- Gold plated terminals
- Recessed RCA socket
- To suit Clipsal wall plates

●	PK4646	30634646
●	PK4648	30634648
●	PK4650	30634650
○	PK4652	30634652

BLANK INSERT TO SUIT CLIPSAL



- To suit Clipsal wall plates

	PK4656	30634656

SPEAKER TERMINAL INSERT



Speaker terminal for Clipsal compatible wall plates

- Gold plated terminals
- Colour ring

●	PK4658	30634658
●	PK4660	30634660

RCA SOCKET TO SOCKET



- Silver plated terminals
- Flush RCA socket
- To suit Clipsal wall plates

●	PK4662	30634662
●	PK4664	30634664
●	PK4666	30634666
●	PK4668	30634668
○	PK4670	30634670
●	PK4672	30634672

'F' SOCKET TO 'F' SOCKET

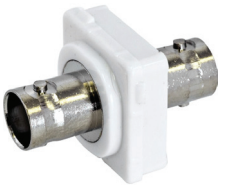


F-Type to F-Type Insert to suit original Clipsal wall plates.

- Blue terminal
- Foxtel approved

	PK4686	30634686

BNC SOCKET TO BNC SOCKET



- To suit Clipsal wall plates

	PK4688	30634688

BNC SOCKET TO 'F' SOCKET



- To suit Clipsal wall plates

	PK4690	30634690

TOSLINK OPTICAL INSERT JOINER



TOSLINK Socket (Female) to TOSLINK Socket (Female).

- Easy click in installation
- Designed for Clipsal Wall Plate / Digitek Wall Plates
- Can be used in Keystone Wall Plate
- Packaging: Poly Bag

PK4720 30634720

FLEXIBLE USB 3.0 INSERT



Flexible USB3.0 Insert to suit Clipsal blank modular wall plates. Ideal for tight spaces in-wall cavities, or where cable approach makes it difficult or impossible to connect to socket. Allows cable to move and hang in its natural position without pulling out or putting unwanted pressure on the wall plate or socket.

- Gold plated connectors
- Approx. 10cm lead
- Flat lead for maximum flexibility

PK4694 30634694

HDMI TO HDMI INSERT



HDMI Socket to HDMI Socket (straight-through) modular insert.

- Fits Standard Clipsal and Clipsal-style wall plates
- Gold plated connectors
- HDMI Socket to HDMI Socket insert
- Colour: White

PK4702 30634702

HDMI TO HDMI INSERT RIGHT ANGLE



- HDMI Insert Right Angle Clipsal Compatible

PK4700 30634700

HDMI TO HDMI INSERT BLACK



HDMI Socket to HDMI Socket (straight-through) modular insert.

- Fits Standard Clipsal and Clipsal-style wall plates
- Gold plated connectors
- HDMI Socket to HDMI Socket insert
- Colour: Black

PK4704 30634704

FLEXIBLE HDMI TO HDMI INSERT



Flexible HDMI Insert to suit Clipsal blank modular wall plates. Ideal for tight spaces in-wall cavities, or where cable approach makes it difficult or impossible to connect to socket. Allows cable to move and hang in its natural position without pulling out or putting unwanted pressure on the wall plate or socket.

- Gold plated connectors
- Approx. 10cm lead
- Flat lead for maximum flexibility

PK4706 30634706

USB 2.0 KEYSTONE INSERT RIGHT ANGLE



USB 2.0 A Female to A Female socket type

PS0795 30634715

HDMI KEYSTONE INSERT

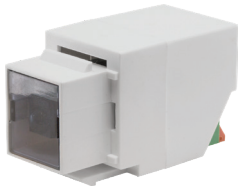


Fits MWI13Ks wall plate module.

- Current Rating: DC 1A
- Withstanding Voltage: DC 300V DC,10ms
- Insulation Resistance: 10MΩ
- Conductive Resistance: 2Ω
- Insertion Loss<0.2dB (DC to 150MHz)
- Through Loss<0.2dB (DC to 150MHz)

PK4910 30634910

DUAL BAND KEYSTONE IR RECEIVER

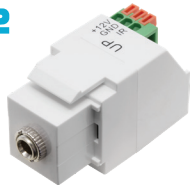


Fits MWI13Ks wall plate module.

- Receive frequency range: 34kHz - 60kHz
- Transmit frequencies: 38kHz & 56kHz
- Power: 12V DC, 30mA max
- Connector type: Spring clamp terminal block
- Weight: 8.5g

PK4912 30634912

IR RECEIVER KEYSTONE ADAPTOR



Fits MWI13KS wall plate.

- Socket module: 3.5mm stereo jack
- Connector type: Spring clamp terminal block
- Wire range: 20-26 AWG
- Dimensions: 42(L) x 19.3(W) x 24(H)mm

PK4914 30634914

IR EMITTER KEYSTONE ADAPTOR



Fits MWI13KS wall plate.

- Socket module: 3.5mm stereo jack
- Connector type: Spring clamp terminal block
- Wire range: 20-26 AWG
- Dimensions: 42(L) x 19.3(W) x 24(H)mm
- Weight: 9g

PK4916 30634916

5V USB KEYSTONE INSERT



3 Amps USB Keystone Charger.

- The max output current 3A, long time use 2.1A, enough use
- Synchronous rectification, High efficiency, 12V to 5V 1A can up to 92%
- Output 5V have 400W TVS tube protect your USB device
- Provides complete fault protection such as input undervoltage lockout, output short circuit protection, over current protection and thermal shutdown
- Perfect for Equipment racks, Conference rooms, AV Systems, Planes, Yachts

PK4918 30634918

IN-WALL BOX

HOLLOW WALL FLUSH MOUNT BOX



Hollow wall flush mount box.

- Suits: DW5066, MWX65 and WP523

WB50FG 39893870

RECESSED HIDDEN MEDIA HUB

Matchmaster TV Reception Systems



Box Dimensions: 285x250x70mm.

- Can hold up to 5 standard face plates
- Store units like HDMI converters, etc.
- Paintable facia 330x295mm
- Designed for new or existing constructions
- Suitable for residential and commercial buildings
- Made for in-wall and ceiling applications

	MHUB1	39893406

INTUITIVE IN-WALL BOX

INTUITIVE



Easily hide components and power protection inside the wall, organized and protected.

- Made from powder coated steel
- Directly mount almost anything to the back of the enclosure
- Great access to all of the connections

	IWB-1	39893415

SURFACE MOUNT BOX

AUDAC



- Suits: DW5066, MWX65 and WP523

○	WB50SW	39893863
●	WB50SB	39893867

BOARDS & ACCESSORIES

TRAINING BREADBOARD

K&H



Reusable PCB Vero board.

- Tie Points: 640
- 5 Point Clip Grip: 128
- I.C Capacity (14 pin): 9
- Designed to accept all I.C.'s, transistors, resistors etc.
- High quality, long life nickel plated contact clips
- No soldering or desoldering necessary
- Size: 172(L) x 39(W) x 10(H)mm

	GL10	04212033

PRINTED CIRCUIT BOARD MARKER

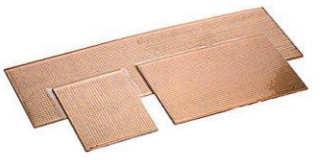


Black Printed Circuit Board Marker.

- Perfect for PCB touch up jobs
- Does not dry even uncapped for up to 2 weeks
- Colour: Black

	33BLACK	04256217

PROTOTYPE BOARD



A low cost way to build prototypes or one off projects. Phenolic board has a matrix of punched holes in copper tracks.

- Alpha numeric grid, pre-drilled 0.9mm holes, 2.5mm spacing
- Board height: 95mm

95x76mm	PCB9576	04257770
95x152mm	PCB95152	04257775
95x303mm	PCB95303	04257780

1MM MATRIX PCB PINS SILVER PIN



1mm printed circuit board pins. By inserting up to its shoulder these pins stand at a fixed height above the boards surface.

- Pack of 100

	PCP1	04258120

3MM X 6MM BOLT PACK



3mm x 6mm metric bolts to suit H1392/ H1395 and H1398 tapped spacers.

- Pack of 25

	3625BT	04258230

25MM ERINOID TAPPED SPACER



- Approximately 25mm in length and 5mm wide
- Thread holes at both ends (1/8" BSW)

	114SP	04258152

TAPPED METAL SPACERS



3mm tapped spacers to suit metric M3 machine screws.

- Pack of 25 (except H1395-8: pack of 8)

10mm	25-pack	H1392-25	04258215
15mm	8-pack	H1395-8	04258220
25mm	25-pack	H1268-25	04258225

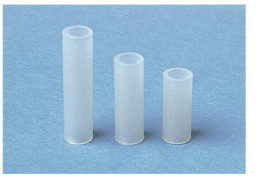
6MM METAL SPACER



- Outer diameter: 5mm
- Inner diameter: 3mm
- Length: 6mm
- Pack of 25

6mm		H1360-25	04258240

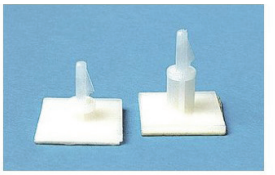
NYLON SPACERS



- Outer diameter: 5mm
- Inner diameter: 3mm
- Pack of 25

12mm	H1322-25	04258175
15mm	H1325-25	04258180
20mm	H1328-25	04258185

STICK DOWN PCB SUPPORT



Self adhesive base, sticks directly to chassis.

- 4mm PCB hole required
- Pack of 25

6.4mm	H1408-25	04258450
12.7mm	H1411-25	04258455

9.6MM PCB SUPPORT

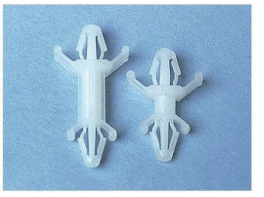


Raises PCB to 9.6mm clearance above chassis.

- 4mm P.C.B. hole
- 4.8mm Chassis hole
- Made from Nylon 6/6
- Pack of 50

9.6mm	H1424-50	04258500

PC SUPPORT BOARD SPACERS

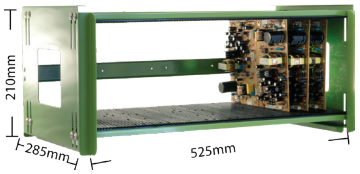


Nylon PCB supports perfect for projects where PCB mounting holes are close to tracks.

- 4mm PCB hole
- 4.8mm chassis hole
- Pack of 50

12mm	H1447-50	04258536
6.4mm	H1436-50	04258521

PCB CARD RACK



Ideal for handling assembled printed circuit cards during the manufacturing and repair process.

- Adjustable height to accommodate various PCB board sizes
- Solid construction
- Comes in flat-pack

03-111C	04856034

BUZZERS

DC RELAY BUZZERS



Piezo buzzers with no RF noise.

- Sound: 75dB
- Lead wire length: 90mm
- Rated Max. Current: 20mA
- Dimensions: Ø25 x 15.5(H)mm

90mm	9V	20EB055	04501033
90mm	12V	20EB056	04501049

3V TO 28V DC 85DB PIEZO BUZZER



Piezo Buzzer.

- Tone: Continuous
- Sound: 85dB @ 30cm/12
- Operating Frequency: 4.5kHz
- Voltage: 3~28V DC @ 6mA
- 90mm Leads
- Dimensions: Ø22 x 11.5(H)mm

KPE26	04502001

3-28V DC 95DB PIEZO BUZZER



- Operating Frequency: 3.5kHz
- 95dB @ 30cm/12V
- Voltage: 3 ~ 28V DC @ 10mA
- Dimensions: Ø33.5 x 25mm
- Termination: Leads 150mm
- Available as fast pulse (vehicle reverse buzzer) or continuous

Continuous	KPE250	04502033
Fast Pulse	KPE253	04502049

240V AC PIEZO BUZZER



- Voltage: 60 ~ 250V AC @ 18mA
- Sound: 85dB @ 100cm/250V
- Tone: Pulse
- Dimensions: Ø43 x 34(H)mm
- Termination: Screw
- Voltage: 250V AC non-polar DC or AC

KPE623	04502065

6V TO 28V DC PIEZO BUZZER



- Operating Frequency: 2.9kHz
- Tone: Continuous/Pulse
- Voltage: 6~28V DC @ 18mA
- 85dB @ 100cm/28V
- Dimensions: Ø43 x 34(H)mm
- Quick Connectors

KPE657	04503001

3V TO 16V DC PCB PIEZO BUZZER



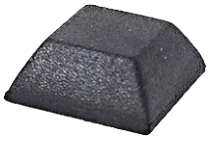
Continuous tone fully sealed PCB Piezo, ideal for high density PCBs. Wave solderable and washable.

- Low current consumption (8mA continuous)
- Voltage: 3~16V DC @ 6mA
- Dimensions: Ø13 x 7(H)mm
- Termination: PCB pins with 8mm pin spacing

KPE242	04504055

BOXES & CASES

STICK-ON CABINET FEET



Square, black rubber feet with self-adhesive tape backing.

12mm	12044CB	04652001
20mm	12045CB	04652017

20MM THROUGH HOLE CABINET FEET



Excellent for all types of chassis. Simply drill a 8mm hole, push the foot on and insert the built-in plastic pin.

- Ø20 x 10(H)mm

20108CB	04652250

NBN ENCLOSURE WITH VENTS

BUILT BOARDS



Version 2 of Built Boards extra large NBN enclosure.

- 2x Double power points
- 2x CAT6 – 6-gang outlet
- 2x Blank plates for an additional wall plate
- Chrome pad – lockable turn knobs
- Powder coated ripple finish in white
- Upper and Lower vents to door
- 1000(H) x 400(W) x 150(D)mm

BBNBNXLV2	04850720

FLUSH FRAME KIT SUITS BBNBNXL

BUILT BOARDS



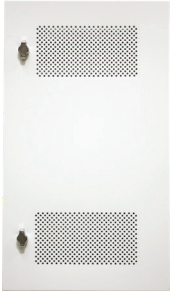
Built Boards flush frame kit for XL enclosure.

- Suits BBNBNXL enclosure
- 25mm coverage of cut out
- 1.2mm powder coated steel

BBNBNXLFK	04850722

NBN COMPLIANT ENCLOSURE

BUILT BOARDS



Built Boards Opticom Compliant enclosure.

- 1.2mm Carbon steel body
- 2x Pad lockable turn knobs
- Top and Rear gland plates
- Ventilation on Top and bottom of door
- 700(H) x 400(W) x 200(D)mm

FTTH	04850730

NBN COMPLIANT ENCLOSURE

BUILT BOARDS



- Includes a double power point, 6-gang – CAT6 Outlet and Blank plate
- 1.2mm Carbon steel body
- 2mm powder coated galvanised steel gear tray
- Chrome pad – lockable turn knobs
- Powder coated ripple finish in white
- Upper and Lower vents to door
- 700(H) x 400(W) x 150(D)mm
- Flush frame kit available separately

	BBNBNV1	04850740
Flush frame to suit	BBNBNFK	04850742

NBN RESIDENTIAL ENCLOSURE

DATAMASTER



- Internally configured for 3RU x 19" panels
- Rear cutouts plus top and bottom knockouts for cable entry
- Ventilation slots at top and bottom of front panel
- Four keyhole mounting slots on rear panel
- Reversable door with keylock

	C1103-713	04850760

DIE CAST ALUMINIUM CASE

Pro'sKit®



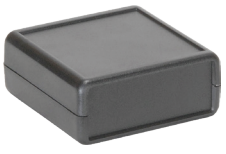
Aluminium diecast alloy box with internal guide slots, allowing the interior to be sub-divided by screens, dividers or component mounting boards. The lid is secured by 4 countersunk plated screws, and has an interlocking flanged lid providing effective RF shielding. The box is supplied unfinished, but will accept most finishes with the minimum of preparation.

- Robust and Corrosion Resistant

Height x Width x Length	Model	Code
61 x 109 x 191mm	03-125C	04851920
41 x 61 x 119mm	03-125B	04851910
26 x 51 x 99mm	03-125A	04851900

HIGH IMPACT INSTRUMENT CASE

HAMMOND MANUFACTURING



ABS cabinet in Black.

- Suits mounting of printed circuit boards
- Ergonomically designed for a comfortable fit in user's hand
- Recessed top for membrane display or pad
- Unit is secured with self tapping screws

	1593SBK	04853350

HIGH IMPACT INSTRUMENT CASE

HAMMOND MANUFACTURING



High Impact grey styrene instrument case with black plastic end plates.

- Two piece tongue & groove construction
- Case provided with integral horizontal PC board mounts on Eurocard centres
- Two sets of vertical PC board slots provided front and rear
- Self-stick PVC feet provided
- Cabinet closed by two 0.5/M3 x 10mm screws

Height x Width x Length	Model	Code
75 x 280 x 200mm	1598JS	04853440
40 x 280 x 200mm	1598HS	04853432
85 x 160 x 160mm	1598ES	04853416
40 x 250 x 160mm	1598FS	04853424
62 x 178 x 153mm	1598CS	04853408
35 x 155 x 92mm	1598AS	04853400

STYRENE JIFFY BOX

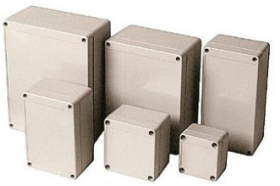


This box will accommodate pre-sized PCB's vertically and horizontally thus eliminating spacers, screws etc.

- Supplied with interlocking plastic lid with countersunk holes
- Screws included

Height x Width x Length	Model	Code
63 x 112 x 196mm	H0202	04858653
53 x 96 x 159mm	H0201	04858651
42 x 68 x 130mm	H0203	04858656
30 x 54 x 83mm	H0205	04858661

ABS BOX WITH WATER PROOF SEAL



Easily drilled or punched, suitable for use in the electrical and electronics industries as circuit enclosures and junction boxes. The lid and base incorporate a tongue and groove sealing system with gasket. The wall mounting holes and lid fixing screws are outside the sealing area, thus preventing the ingress of moisture and dust. Lids are retained by four screws into threaded inserts.

Height x Width x Length	Model	Code
75 x 146 x 186mm	CB8693	04858693
75 x 125 x 165mm	CB8691	04858691
55 x 85 x 165mm	CB8685	04858685
55 x 85 x 125mm	CB8681	04858681
55 x 80 x 85mm	CB8679	04858679
40 x 60 x 65mm	CB8677	04858677

INSTRUMENT ENCLOSURE

HAMMOND MANUFACTURING

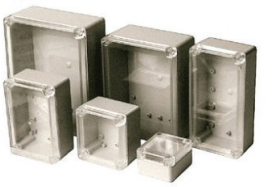


Made of strong, economical 0.9mm steel.

- Dimension: 76(H) x 240(W) x 152(D)mm

Height x Width x Length	Model	Code
76 x 240 x 152mm	1454N	04857320

ABS BOX WITH CLEAR POLYCARB LID



Light grey ABS cabinet with clear polycarbonate lid.

- Fixing screw spacing: 47x46mm
- Lid and base incorporate a tongue and groove sealing system with gasket

Height x Width x Length	Model	Code
75 x 146 x 186mm	CB8820	04858820
75 x 124 x 165mm	CB8816	04858816
55 x 85 x 165mm	CB8812	04858812
55 x 85 x 125mm	CB8808	04858808
55 x 80 x 85mm	CB8804	04858804
40 x 60 x 65mm	CB8801	04858801

CAPACITORS

CERAMIC

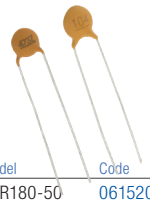
MONOLITHIC CERAMIC CAPACITOR



- High volumetric efficiency with capacitance values up to 1µF
- Inherent stability, rated for long, trouble-free life
- Low profile capacitors ideal for compact designs
- Voltage: 50V
- Operating temperature: -55°C ~ +125°C

Capacitance	Arrangement	Model	Code
470nF	Radial	CM.47-50	06150600
1.0µF	Radial	CM1-50	06150610
330nF	Radial	CM.33-50	06150592
33nF	Radial	CM.033-50	06150530
10nF	Radial	CM.01-50	06150504
220nF	Radial	CM.22-50	06150584
1.0nF	Radial	CM.001-50	06150419
3.3nF	Radial	CM.0033-50	06150451
22nF	Radial	CM.022-50	06150520
47nF	Radial	CM.047-50	06150552
100nF	Radial	CM.1-50	06150560
4.7nF	Radial	CM.0047-50	06150467
2.2nF	Radial	CM.0022-50	06150435

CERAMIC DISC CAPACITOR



- Voltage: 50V
- Tolerance: ±20%
- Arrangement: Radial
- Operating temperature: -30°C ~ +85°C

Capacitance	Voltage	Model	Code
100nF	50V	CER.1-50	06152100
47nF	50V	CER.047-50	06152099
820pF	50V	CER820-50	06152077
1.0nF	50V	CER.001-50	06152079
330pF	50V	CER330-50	06152067
560pF	50V	CER560-50	06152073
22nF	50V	CER.022-50	06152095
5.0pF	50V	CER5-50	06152013
7.0pF	50V	CER7-50	06152017
10pF	50V	CER10-50	06152022
12pF	50V	CER12-50	06152025
15pF	50V	CER15-50	06152027

Capacitance	Voltage	Model	Code
18pF	50V	CER18-50	06152029
22pF	50V	CER22-50	06152030
27pF	50V	CER27-50	06152032
33pF	50V	CER33-50	06152035
39pF	50V	CER39-50	06152037
47pF	50V	CER47-50	06152040
56pF	50V	CER56-50	06152043
68pF	50V	CER68-50	06152045
82pF	50V	CER82-50	06152049
100pF	50V	CER100-50	06152050
120pF	50V	CER120-50	06152052
150pF	50V	CER150-50	06152054

Capacitance	Voltage	Model	Code
180pF	50V	CER180-50	06152060
220pF	50V	CER220-50	06152063
270pF	50V	CER270-50	06152065
390pF	50V	CER390-50	06152069
470pF	50V	CER470-50	06152071
680pF	50V	CER680-50	06152075
2.2nF	50V	CER.0022-50	06152081
3.3nF	50V	CER.0033-50	06152083
4.7nF	50V	CER.0047-50	06152085
6.8nF	50V	CER.0068-50	06152089
8.2nF	50V	CER.0082-50	06152091
10nF	50V	CER.01-50	06152093

ELECTROLYTIC

SSR SERIES MINI RADIAL ELECTROLYTIC CAPACITORS



Short body length of 7mm, for the demand of high density insertion in compact electronic devices, test equipment and computers etc.

- Capacitance tolerance: ±20%
- Arrangement: Radial
- Temperature rating: -40°C ~ +85°C

Capacitance	Voltage	Model	Code
100nF	50V	SSR.1-50	06300500
220nF	50V	SSR.22-50	06300503
470nF	50V	SSR.47-50	06300505
2.2µF	50V	SSR2.2-50	06300515
3.3µF	50V	SSR3.3-50	06300520
4.7µF	50V	SSR4.7-50	06300525
22µF	25V	SSR22-25	06300540
47µF	16V	SSR47-16	06300550
100µF	16V	SSR100-16	06300560

AXIAL ELECTROLYTIC CAPACITOR



"RT" series axial lead electrolytic capacitors have been accepted as the industry standard for high reliability and long operational life. Leakage, tolerance and temperature ratings closely approach those of the more expensive long life types at a very small fraction of the cost.

- Temperature rating: -40°C ~ +85°C
- Tolerance: ±20%

Capacitance	Voltage	Model	Code
470µF	63V	RT470-63	06304320
1,000µF	25V	RT1000-25	06304416
2,200µF	35V	RT2200-35	06304480
220µF	63V	RT220-63	06304208
100µF	63V	RT100-63	06304112
10µF	63V	RT10-63	06303760

RADIAL ELECTROLYTIC CAPACITORS



Designed specifically to meet the demand for reliable power supply capacitors for direct mounting into printed circuit boards. They make use of high gain foils to achieve their unusually small size.

- Ultrasonic welded leads
- Ultra low leakage
- Tolerance: ±20%
- Temperature rating: -40°C ~ +105°C

Capacitance	Voltage	Model	Code
10,000µF	40V	RB10000-40	06302360
2,200µF	80V	RB2200-80	06302315
100µF	160V	RB100-160	06301375
2,200µF	35V	RB2200-35	06302272
4,700µF	25V	RB4700-25	06302300
1,000µF	63V	RB1000-63	06302248
2,200µF	25V	RB2200-25	06302264
2,200µF	50V	RB2200-50	06302288
470µF	63V	RB470-63	06301832
1,000µF	35V	RB1000-35	06302240
4.7µF	350V	RB4.7-350	06301072
2,200µF	16V	RB2200-16	06302256
1,000µF	25V	RB1000-25	06302224
330µF	63V	RB330-63	06301680
10µF	160V	RB10-160	06301144

Capacitance	Voltage	Model	Code
470µF	35V	RB470-35	06301816
220µF	63V	RB220-63	06301552
1,000µF	16V	RB1000-16	06302200
470µF	25V	RB470-25	06301800
4.7µF	160V	RB4.7-160	06301070
3,300µF	25V	RB3300-25	06302290
330µF	25V	RB330-25	06301672
100µF	63V	RB100-63	06301368
470µF	16V	RB470-16	06301784
47µF	63V	RB47-63	06301320
220µF	25V	RB220-25	06301536
33µF	63V	RB33-63	06301264
1.0µF	63V	RB1-63	06301000
100µF	16V	RB100-16	06301336

Capacitance	Voltage	Model	Code
100µF	25V	RB100-25	06301352
10µF	35V	RB10-35	06301112
33µF	35V	RB33-35	06301248
2.2µF	63V	RB2.2-63	06301008
3.3µF	63V	RB3.3-63	06301032
10µF	25V	RB10-25	06301096
22µF	63V	RB22-63	06301172
33µF	16V	RB33-16	06301224
47µF	16V	RB47-16	06301272
47µF	25V	RB47-25	06301288
4.7µF	25V	RB4.7-25	06301038
10µF	63V	RB10-63	06301128
22µF	25V	RB22-25	06301156
22µF	35V	RB22-35	06301160

4700MF 50V RB RADIAL CAPACITOR



Closer capacitance tolerance RP Electrolytics Range: 2200~10000µF Designed specifically to meet the demand for reliable power supply capacitors for direct mounting into printed circuit boards. They make use of high gain foils to achieve their unusually small size.

- 4700MF
- (ØxL): 22 x 42 mm
- Rated/Surge: 50V/63V

RB4700-50	06302308

RBP SERIES BIPOLAR ELECTROLYTIC CAPACITOR



RBP Capacitors are specially designed for use in speaker cross-over networks and circuits involving polarity changes. They feature small static capacity variations, reduced loss and favourable temperature characteristics for low audio distortion.

- Compact & robust
- Low cost
- Tolerance: ±20%
- Arrangement: Radial
- Temperature rating: -40°C ~ +85°C

Capacitance	Voltage	Model	Code
47µF	100V	RBP47-100	06306010
47µF	50V	RBP47-50	06305932
100µF	50V	RBP100-50	06305952
33µF	50V	NP25V	06306005
2.2µF	50V	RBP2.2-50	06305816
3.3µF	50V	RBP3.3-50	06305832
4.7µF	50V	RBP4.7-50	06305848
6.8µF	50V	RBP6.8-50	06305864
10µF	50V	RBP10-50	06305880
22µF	50V	RBP22-50	06305896
2.2µF	100V	RBP2.2-100	06305980
3.3µF	100V	RBP3.3-100	06305985
10µF	100V	RBP10-100	06305995

SCREW-TERMINAL ELECTROLYTIC CAPACITORS



Used for power source filters for computers, inverters, high current power supplies, high output power amplifiers and control equipment.

- Small size, large capacity
- Capable of handling high ripple currents
- Supplied with mounting clamps
- Tolerance: 10%/50%
- Arrangement: Radial

Capacitance	Voltage	Model	Code
68,000µF	25V	LB68000-25	06307791
47,000µF	25V	LB47000-25	06307781
10,000µF	63V	LB10000-63	06307705
22,000µF	25V	LB22000-25	06307721
33,000µF	16V	LB33000-16	06307761
10,000µF	40V	LB10000-40	06307701

TKR SERIES ELECTROLYTIC CAPACITOR



Designed specifically to function in High temperature (105°C) environments with remarkably high reliability.

- Capacitance Tolerance: ±20%
- Reduced dimensions
- Extended temperature rating
- Arrangement: Radial
- Ultra low leakage
- Ultrasonic welded leads

Capacitance	Voltage	Model	Code
220µF	400V	TKR220-400	06308150
100µF	400V	TKR100-400	06308130
47µF	400V	TKR47-400	06308110
22µF	400V	TKR22-400	06308090
10µF	400V	TKR10-400	06308070
4.7µF	400V	TKR4.7-400	06308050
3.3µF	400V	TKR3.3-400	06308030
2.2µF	400V	TKR2.2-400	06308010

MAINS SUPPRESSION

MAINS SUPPRESSION CAPACITOR



Designed specifically for use in 250V AC mains suppression circuits. Typical applications include noise suppression of electric motors and industrial and domestic appliances.

- Metallised polyethylene terephthalate film in epoxy resin
- Arrangement: Radial
- Temp Range: -25°C ~ +85°C

Capacitance	Voltage	Tolerance	Model	Code
220nF	250V	±10%	MCAP.22-250	06841584
470nF	250V	±10%	MCAP.47-250	06841600
100nF	250V	±10%	MCAP.1-250	06841568
150nF	275V	±10%	MCAP.15-275	06841576
10nF	250V	±20%	MCAP.01-250	06841504

TRIMMER

TRIMMER CAP



- Voltage: 100V DC
- Torque: 20 ~ 150g cm
- Ins Res: 104M
- Lead Spacing: 5mm
- Size: 4.8H x 6mm Dia.
- Suitable for machine insertion
- Easy PCB mounting

6.6pF ~ 45pF	TRIM6.8T045PF	07001552
2pF ~ 7pF	TRIM1.5T05PF	07001504
5.2pF ~ 30pF	TRIM5.2T030PF	07001568

TANTALUM

TANTALUM CAPACITORS



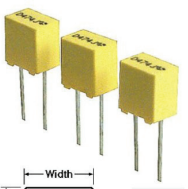
Very high capacitance per volume, excellent electrical performance & stability against both temperature and time. Suitable for a wide range of general purpose applications: coupling, decoupling filters and timing circuits.

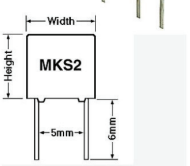
- Extra Long life
- Low leakage current
- Wide frequency range
- Flame retardant
- Lead spacing: 5mm
- Arrangement: Radial
- Tolerance: ±20%
- Temp Range: -55°C ~ +85°C
- Polarity sensitive, care must be taken during connection

Capacitance	Voltage	Model	Code
22µF	25V	TAN22-25	06925290
47µF	25V	TAN47-25	06925330
10µF	35V	TAN10-35	06925272
33µF	16V	TAN33-16	06925308
10µF	25V	TAN10-25	06925256
4.7µF	35V	TAN4.7-35	06925208
1.0µF	35V	TAN1-35	06925096
2.2µF	35V	TAN2.2-35	06925128
470nF	35V	TAN.47-35	06925064
100nF	35V	TAN.1-35	06925000
220nF	35V	TAN.22-35	06925032

POLYESTER

POLYESTER CAPACITOR





Reservoir and decoupling capacitors for high speed digital circuits. Low induction and low damping, favourable resonant frequency because of high electrode contact reliability.

- Tolerance: ±20%
- Arrangement: Radial

Capacitance	Voltage	Model	Code
680nF	63V	MKS2.68-50	06600335
1.0µF	63V	MKS21-63	06600337
470nF	63V	MKS2.47-63	06600333
150nF	63V	MKS2.15-63	06600327
33nF	63V	MKS2.033-63	06600319
15nF	63V	MKS2.015-63	06600315
47nF	63V	MKS2.047-63	06600321
2.2nF	100V	FKS2.0022-100	06600305
6.8nF	100V	FKS2.0068-100	06600311
100nF	63V	MKS2.1-63	06600325
1.0nF	100V	FKS2.001-100	06600301
1.5nF	100V	FKS2.0015-100	06600303
3.3nF	100V	FKS2.0033-100	06600307

"GREEN-CAP" POLYESTER CAPACITOR



Radial leads and flat configuration, suitable for PCB use. Leads are soldered directly to the foil to ensure good contact.
High insulation resistance, low power factor & excellent reliability meet military specifications.

↗ Tolerance: ±10%

Capacitance	Voltage	Model	Code
2.2µF	250V	GCAP2.2-250	06602848
3.3µF	250V	GCAP3.3-250	06602864
330nF	630V	GCAP.33-630	06604384
1.0µF	250V	GCAP1-250	06602833
470nF	250V	GCAP.47-250	06602817
47nF	630V	GCAP.047-630	06604256
100nF	630V	GCAP.1-630	06604320
10nF	630V	GCAP.01-630	06604160
22nF	630V	GCAP.022-630	06604192
1.0nF	630V	GCAP.001-630	06604000
68nF	100V	GCAP.068-100	06601289
220nF	100V	GCAP.22-100	06601353
82nF	100V	GCAP.082-100	06601305
100nF	100V	GCAP.1-100	06601321
120nF	100V	GCAP.12-100	06601329
150nF	100V	GCAP.15-100	06601337
22nF	100V	GCAP.022-100	06601193
10nF	100V	GCAP.01-100	06601161
4.7nF	100V	GCAP.0047-100	06601097
33nF	100V	GCAP.033-100	06601225
39nF	100V	GCAP.039-100	06601241
47nF	100V	GCAP.047-100	06601257
1.0nF	100V	GCAP.001-100	06601017

MOTOR START

MOTOR START CAPACITORS



Start capacitors are used during the start-up phase of single-phase, AC induction motors (asynchronous motors).

Capacitance	Voltage	Model	Code
55µF	450VAC	MSC50-450	06441105
25µF	450VAC	MSC25-450	06440529
20µF	450VAC	MSC20-450	06440524
16µF	450VAC	MSC16-450	06440520
10µF	450VAC	MSC10-450	06440513
6.0µF	450VAC	MSC6-450	06440509
2.0µF	450VAC	MSC2-450	06440500
20µF	400VAC	MSC20-400	06441082
2.0µF	400VAC	MSC2-400	06440998

CLIPS

TOOTHED CLIP BANANA INSERTS



4mm plug-on clip, fully insulated crocodile clip.

↗ Jaw Opening: 20mm ↗ Overall Length: 82mm

●	82mm	2A	Thin	APK4B	07861501
●	82mm	2A	Thin	APK4R	07861502
●	82mm	35A	Thick	XKK1001B	07861514
●	82mm	35A	Thick	XKK1001R	07861515

IC LEG CLAMP PROBE



Flexible probe clip with fine wire jaws for securing to IC legs, miniature components, test points etc.

↗ Jaw Opening: 2mm
↗ Overall Length: 160mm
↗ Banana plug lead connection

●	160mm	KLEPS30B	07862057
●	160mm	KLEPS30R	07862058

LARGE INSULATED ALLIGATOR CLAMP



Fully insulated H/D alligator clip with 4mm banana plug receptacle and screw termination.

↗ Jaw Opening: 12mm ↗ Overall Length: 80mm

●	80mm	AK2B	07862073
●	80mm	AK2R	07862074

SMALL ALLIGATOR CLAMP

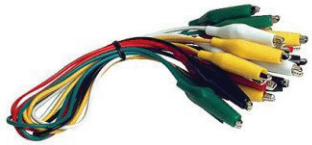


Fully insulated Alligator clip with 2mm receptacle.

↗ Jaw Opening: 8mm ↗ Overall Length: 40mm

●	40mm	MA1B	07862161
●	40mm	MA1R	07862162

PK10 ALLIGATOR CLIP LEADS



Jumper leads with HC505 clips at each end and 306mm Hookup wire.

↗ 5 Coloured pairs ↗ Set of 10

HC502	07863901

ALLIGATOR CLIP WITH VINYL BOOT



●	27mm	HC505B	07864061
●	27mm	HC505R	07864062
●	27mm	HC505G	07864065
●	53mm	HC503B	07864001
●	53mm	HC503R	07864002

SCREW-TERMINATED ALLIGATOR CLIP



Alligator clip with moulded handle and screw termination.

↗ Overall Length: 58mm

●	58mm	HC508B	07864233
●	58mm	HC508R	07864234

LARGE BATTERY CLIP

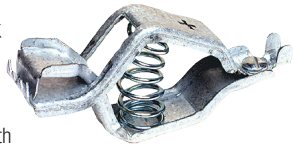


Battery clip with insulated handles.

↗ Jaw Opening: 20mm ↗ Maximum Amps: 30A
↗ Overall Length: 75mm

●	75mm	HC514B	07864341
●	75mm	HC514R	07864342

UNINSULATED BATTERY CLIPS



Battery clips with screw connections.

102mm	50 Amp	H144	07868024
76.2mm	25 Amp	H143	07868017
44.5mm	10 Amp	H145	07868049

UNINSULATED ALLIGATOR CLIP



Alligator clip with sleeve and solder connection hole or screw termination.

↗ Jaw Opening: 9.5mm ↗ Maximum Amps: 5A
↗ Overall Length: 50mm

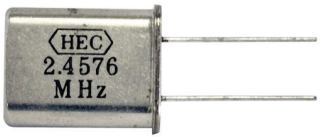
H2790	07868316

CRYSTALS

HC49U CRYSTALS

The H-Series industry standard HC49U crystal in the rugged resistance welded package allows for an excellent aging factor and many options.

- Industry standard package
- Resistance Welded
- Economical cost



Frequency	Model	Code
2.4576MHz	HC2-4	10000108
15.360MHz	HC15-3	10000188
6.690MHz	HC26-6	10000212

Frequency	Model	Code
4.4336MHz	HC4-4	10000140
11.059MHz	HC11-0	10000164
12.288MHz	HC12-2	10000180

LEDS

DIFFUSED LENS LED



		Diameter	Brightness	If	Vf		Model	Code
●	635	10mm	5mcd	30mA	2.0V	635nm	TLHR0400	27940035
●	565	10mm	5mcd	30mA	2.1V	565nm	TLHG0400	27940040
●	585	10mm	5mcd	20mA	2.0V	585nm	TLHY0400	27940045
●		5mm	1.5mcd	20mA	2.0V		LT531	27940030
●		5mm	1.5mcd	30mA	2.1V		LT521	27940025
●		3mm	1.5mcd	30mA	2.1V		LT621	27940010
●		3mm	1.5mcd	50mA	2.1V		LT611	27940005
●		3mm	1.5mcd	20mA	2.0V		LT631	27940015
●		5mm	1.5mcd	30mA	2.1V		LT511	27940020

1.5MM LED SPACER 100-PACK



LEDSPACER	27940001

GRE-LED SUPER BRIGHT 80MCD



Green LED with brightness of 80mcd.

- Lens diameter: 5mm

If	Vf	Model	Code
● 25mA	2.2V	EBG5504S	27940055

RED-LED SUPER BRIGHT 200MCD



- If: 50mA
- Vf: 1.75V
- Brightness: 200mcd
- 10° viewing angle
- High reliability

Diameter	Model	Code
● 5mm	EBR5504S	27940060

FLASHING RED/ GREEN LED



Flashing Red/Orange + Continuous Green bi-coloured LED.

- Red/Orange flashing: ~3Hz
- If: 20mA
- 5mm Diameter

TLBV5380	27940026

1000MCD HIGH INTENSITY CLEAR LED



		Diameter	Brightness	If	Vf		Model	Code
●	470	5mm	1000mcd	30mA	3.5V	470nm	ESBB1000	27940075
●		5mm	1000mcd				ESBH1000	27940065
●	615	5mm	1000mcd	50mA	2.4V	615nm	HBY5066X	27940070

7000MCD BRIGHT WHITE LED



LED 5mm White 7000mcd.

- Emitted colour: white
- Lens colour: waterclear
- Wave length: 26nm
- Pd W: 130nW
- If mA: 30
- If mA (peak): 100
- Min: 3.2

	Diameter	Brightness	If	Vf	Model	Code
○ 26nm	5mm	7000mcd	30mA	3.5V	ESBC7000	27940080

5MM INFRARED EMITTING DIODE



Looks like a 5mm LED & has a blue transparent lens.

- Forward Current (If): 50mA max.
- Peak forward current (Ip): 1.2A
- Forward Voltage (VF): 1.2V @ 20mA
- Reverse Voltage (VR): 5V max.
- Power Dissipation (Pd): 100mW max.
- Viewing Angle: 30°
- Peak Spectral Wavelength(IR): 940nm @ 20mA

	Model	Code
◐	IRE5	27940095

BI-LED HIGH INTENSITY 7000MCD



5mm Bi-colour LED Red & Green.

Diameter	Model	Code
◐ 5mm	SPR54MVW	27940085

REDF-LED FLASHING



5mm Red Flashing Diffused LED.

- Brightness: 15mcd
- DC Current: 20mA
- Emitted colour: Red
- Lens colour: Diffused
- Wave length: 635
- nm: 45
- Pd W: 100nW

V620P	27940090

5MM INFRARED RECEIVER DIODE

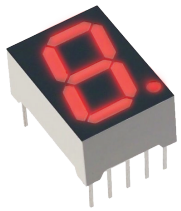


Looks like a 5mm LED & has a clear transparent lens. Mechanically and spectrally matched to the IRE5 infrared emitting led lamp.

- Water clear lens
- Made with NPN silicon phototransistor chips
- NPN Collector-to-Emitter Breakdown voltage: 30V
- Emitter-to-Collector Breakdown voltage: 5V
- Collector-to-Emitter Saturation voltage: 0.8V max.
- Collector Dark current: 100nA@10V(Vce)
- Rise and Fall time: 3uS @ 5V(Vce)

IRR5	27940100

0.5" 7-SEGMENT LED DISPLAY



0.5" Common Cathode 7 Segment LED Display.

	FND500	27940105

PANEL-MOUNT LED HOLDER



- One piece type
- Black plastic

5mm	LEDH5MM	27951017
10mm	LEDH10MM	27951033

GROMMETS

THROUGH-CHASSIS CABLE GLAND



"CABLE GRAB CLAW" is designed to stay on the gland body to save installation costs and a rubber ring is provided inside the claw to grip cable firmly. Good for installation & protection of cable going through chassis.

- UL approved Nylon 66, 94V-2
- Waterproof & Dustproof (IP68)
- UV resistant
- Complete with rubber gasket

3~7mm	Ø12mm	M12	16012850
5~10mm	Ø16mm	M16	16013000
10~14mm	Ø20mm	M20	16013015
13~18mm	Ø25mm	M25	16013020

CORD GRIP CHASSIS GROMMET



For securing cable going through chassis.

- Material: UL approved NYLON 66, 94V-2

Round	H2097	16013100
Flat	H2098	16013105

60MM ROUND DESK GROMMET



The desk grommet is the perfect way to easily and neatly store your power, communication, audio, video, computer and data cables.

- It is ideal for installation in desks, workstation, telephone or entertainment units
- Simply drill or cut a 60mm hole through the surface and insert the grommet into the hole
- Then push the cords through the opening
- A cost effective method to get organised
- Dimensions: 60mm (diameter)

●		RDG60B	16013200

HEAT SINK

HEATSINK T0220



For mounting to T0220 case with Nut & Bolt.

- Black Anodised
- Case Type: TO-220
- RO °C/W: 12.0

	6030B	21210775

HEATSINK T0220



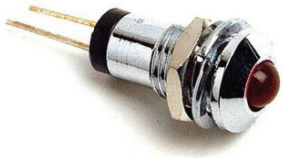
For mounting to T0220 case with Nut & Bolt.

- Black Anodised
- Case Type: TO-220
- RO °C/W: 21.0

	6073B	21210782

INDICATORS

2V DC LED INDICATOR RED



5mm Red LED in Chrome Bezel.

- 2 Volt DC operation
- 10mm diameter chrome flange
- Length: 19mm (29mm Incl. Leads)
- Barrel diameter: 7.5mm

	MBL10R	21616552

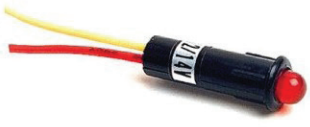
2V LED INDICATOR WITH RECESSED BEZEL



- 2 Volt DC operation
- 10mm diameter chrome flange/bezel
- Length: 19mm (29mm incl. leads)
- Barrel: Ø7.5mm

●	MBL10B	21616565
●	MBL10G	21616555
●	MBL10Y	21616560

5MM 12-14V LED PANEL INDICATOR



5mm High-Brightness LED in black press-fit holder.

- 12 Volt DC
- Barrel: Ø6mm
- Length: 22mm
- 150mm insulated wire leads

●	22mm	MD530G2	21616587

PANEL MOUNT INDICATOR LIGHT



- Diameter: 10mm
- Rating: 12V

●	MD600R	21616590

MINI PANEL MOUNT INDICATOR GLOBE



- Diameter: 6.5mm
- Rating: 12V

●	ML625R	21616645
●	ML625G	21616650
●	ML625B	21616655
●	ML625Y	21616660

240V AC PANEL MOUNT INDICATOR



Raised lens neon indicator with resistor.

- 120V / 240V
- Bezel: Ø14mm
- Barrel/cut-out: Ø10mm
- Overall length: 43mm

●	43.0mm	01098IR	21617500
●	43.0mm	01098IG	21617505

240V AC FLUSH INDICATOR GREEN



Neon Indicator light with Resistor in lead 120V/220V.

- Colour: Green
- Bezel dia.: 12.5mm
- Total Length: 40.5mm
- Barrel dia.: 10.5mm

●	40.5mm	01099IG	21617535

250V AC PANEL MOUNT INDICATOR



General purpose replacement neon indicators with flexible leads sealed at entry to indicator to prevent entry of dirt, dust or moisture.

- Chrome trim ring, protruding round lens with mounting nut and washer
- Length: 40mm
- Barrel/cut-out: Ø12mm
- 230mm insulated wire leads
- 240V AC

●	40mm	SL81G	21619105
●	40mm	SL81R	21619102

KNOBS

DIRECTIONAL INDICATOR KNOB



18.7mm pointer type knob with white indicator line and set s crew. Brass insert, suits 6.4mm (1/4") shaft.

PN1	23055501

SILVER TOPPED INDICATOR KNOB



Mini black plastic knob with aluminium top and white indicator line on flange. Brass insert with set screw.

- For 6.4mm shaft
- Height: 15mm
- Base Diameter: 20mm

PN24	23055558

BLACK PLASTIC KNOB



Ribbed matt black plastic knob with white position indicator in recessed grove.

- With brass insert

35mm	PN8C	23055622
24mm	PN8D	23055624
20mm	PN8E	23055626
16mm	PN8F	23055628

0-10 DIAL INDICATOR KNOB



Plastic knob with brushed aluminium flange, 0-9 Indicator, 1/4" Shaft.

- 36mm Diameter

RN113A	23055710

0-14 MULTI TURN DIAL COUNTER



The inner scale of the Model 18 Multidial is graduated in fiftieths of a turn. The outer scale counts the number of full turns (0-14) that have been completed.

- No backlash
- Compact-requires minimal panel space (22.2mm diameter requirement)
- For use with precision potentiometers or other rotating devices, up to 15 turns
- Designed for metal shaft
- High force "Click Brake" slide lock tab
- Black colour on request
- High-impact, flame retardant case withstands shock and vibration abuse

18MTD	23055715

INDICATOR KNOB RED

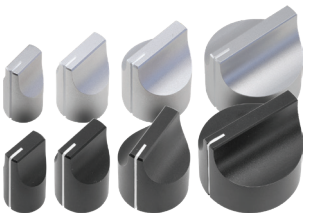


Small ribbed black plastic knobs with coloured caps, Brass insert, White line indicator and set screw.

- For (1/4") 6.4mm shaft
- Height: 15mm
- Top Cap diameter: 11mm
- Base diameter: 15mm
- Colour: Red

RN118FR	23055801

ALUMINIUM KNOB



Features a high quality brushed aluminium finish, an engraved pointer and very attractive appearance, making them suitable for Hi-Fi projects or wherever a great appearance is required.

- Set-screw fixing

	Diameter	Length	Unit	Model	Code
●	Ø31.8	26.7	mm	PD3227SB	23055843
◒	Ø31.8	26.7	mm	PD3227SA	23055842
◒	Ø22.0	26.7	mm	PD2227SA	23055836
●	Ø22.0	26.7	mm	PD2227SB	23055837
◒	Ø16.0	26.7	mm	PD1627SA	23055826
●	Ø16.0	26.7	mm	PD1627SB	23055827
◒	Ø12.7	25.4	mm	PD1325SA	23055820
●	Ø12.7	25.4	mm	PD1325SB	23055821

ABS KNOB WITH SET SCREW



Fine ABS control knobs.

- Diameter: 20.5mm
- Height: 12mm
- Suits shafts: Ø6.5mm

●	216NB	23055810
○	216NW	23055811

POTENTIOMETERS

STANDARD

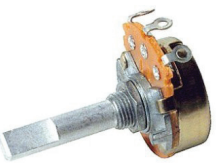
0.25W LINEAR POT



- Shaft & Bush: 24mm long
- Shaft: Ø6.00mm x 11mm (Flat)
- Overall Ø: 23.7mm
- Resistance Tolerance: 20%
- Rotation Angle: 20%
- Curve: Linear

Value	Model	Code
500Ω	24SN500B	32490002
1kΩ	24SN1KB	32490017
5kΩ	24SN5KB	32490049
10kΩ	24SN10KB	32490065
25kΩ	24SN25KB	32490097
50kΩ	24SN50KB	32490129
100kΩ	24SN100KB	32490161
500kΩ	24SN500KB	32490225
1MΩ	24SN1MB	32490273
2MΩ	24SN2MB	32490321

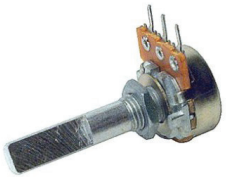
0.25W LOGARITHMIC



- Shaft & Bush: 24mm long
- Shaft: Ø6.00mm x 11mm (Flat)
- Overall Ø: 23.7mm
- Resistance Tolerance: 20%
- Rotation Angle: 80%
- Curve: Logarithmic

Value	Model	Code
5kΩ	24SN5KA	32490050
10kΩ	24SN10KA	32490081
25kΩ	24SN25KA	32490113
50kΩ	24SN50KA	32490145
100kΩ	24SN100KA	32490177
250kΩ	24SN250KA	32490209
500kΩ	24SN500KA	32490229
1MΩ	24SN1MA	32490289

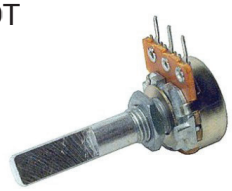
0.2W LINEAR POT



- Shaft & Bush: 20mm long
- Shaft: Ø6.00mm x 8mm (Flat)
- Overall: Ø16.8mm
- Resistance Tolerance: 20%
- Rotation Angle: 80%
- Curve: Linear

Value	Model	Code
500Ω	18PN500B	32492017
1kΩ	18PN1KB	32492032
5kΩ	18PN5KB	32492065
10kΩ	18PN10KB	32492097
20kΩ	18PN20KB	32492128
100kΩ	18PN100KB	32492193
500kΩ	18PN500KB	32492257
1MΩ	18PN1MB	32492289

0.2W LOGARITHMIC POT



- Shaft & Bush: 20mm long
- Shaft: Ø6.00mm x 8mm (Flat)
- Overall: Ø16.8mm
- Resistance Tolerance: 20%
- Rotation Angle: 80%
- Curve: Logarithmic

Value	Model	Code
1kΩ	18PN1KA	32492048
5kΩ	18PN5KA	32492081
10kΩ	18PN10KA	32492113
50kΩ	18PN50KA	32492177
100kΩ	18PN100KA	32492209
500kΩ	18PN500KA	32492273
1MΩ	18PN1MA	32492294

500K LINEAR POT WITH SWITCH



Pot with PCB terminals and off switch.

- Ø6.0mm Splined shaft
- Size: Ø23.7mm overall
- Shaft: 20mm

Value	Model	Code
500kΩ	PSW500KB	32521001

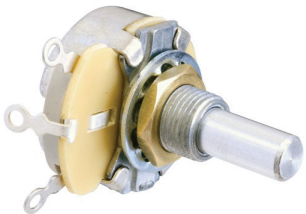
3W WIRE WOUND LINEAR POT



- Double contact wiper arm for reliable operation
- Chemically sealed base for very high insulation resistance
- One piece bush & plate
- High grade resistance element for long life
- Ø24mm body supplied with pressed nut
- Shaft: Ø6.5 x 69mm (aluminium)
- Resistance Law: Linear
- Resistance Tolerance: ±10%
- Effective Rotation: 280° (approx.)

Value	Model	Code
10Ω	3AW-10	33412017
20Ω	3AW-20	33412032
50Ω	3AW-50	33412048
100Ω	3AW-100	33412064
250Ω	3AW-250	33412080
500Ω	3AW-500	33412096
1kΩ	3AW-1K	33412112
1.5kΩ	3AW-1.5K	33412128
3kΩ	3AW-3K	33412176
5kΩ	3AW-5K	33412192
10kΩ	3AW-10K	33412208
15kΩ	3AW-15K	33412224
20kΩ	3AW-20K	33412240
25kΩ	3AW-25K	33412256
50kΩ	3AW-50K	33412272

50R OHM 3 WATT WIRE WOUND POT



High grade resistance element for long life.

- Value: 50Ω
- Ø24mm body
- Ø6.5mm round aluminium shaft
- Total shaft length: 13mm
- Resistance law: Linear
- Resistance Tolerance: ±10%
- Effective Rotation: 280°

Value	Model	Code
50Ω	3AW-50SH	33412050

TRIM

0.2W HORIZONTAL SINGLE-TURN TRIMPOT

NETECH



Resin mold increases reliability in resistance to flux, soldering heat, & terminal strength.

- Adjustable from both sides, saves space
- Max Voltage: 100V DC
- Resistance Tolerance: ± 20%
- Rotation Angle: 240° ± 10%
- Sub miniature: Ø6.4mm
- Resistance Law: Linear

Value	Model	Code
2kΩ	TL1-2KB	32641040
5kΩ	TL1-5KB	32641056
20kΩ	TL1-20KB	32641072
50kΩ	TL1-50KB	32641088
100kΩ	TL1-100KB	32641096
500kΩ	TL1-500KB	32641120
500Ω	TL1-500B	32641024
1MΩ	TL1-1MB	32641128

0.2W VERTICAL SINGLE-TURN TRIMPOT

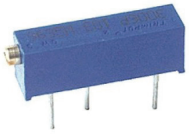
NETECH



Value	Model	Code
100Ω	TH1-100B	32691001
500Ω	TH1-500B	32691008
2kΩ	TH1-2KB	32691024
5kΩ	TH1-5KB	32691032
10kΩ	TH1-10KB	32691040
20kΩ	TH1-20KB	32691048
50kΩ	TH1-50KB	32691056
100kΩ	TH1-100KB	32691064
500kΩ	TH1-500KB	32691080
1MΩ	TH1-1MB	32691088

MULTITURN

200K 20-TURN TRIMPOT WIDE PINS



- Resistance Tolerance: 100 Ohm~500K ±10%
- Wattage Rating: 0.5W
- Resistance Law: Linear

	43P-200KB	33281088

10-TURN PRECISION LINEAR POT

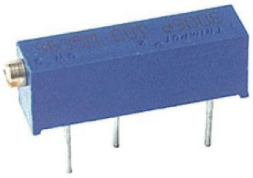


High-impact, flame retardant case withstands shock and vibration abuse. Compact design requires minimal space behind mounting panel.

- Overall Diameter: 22.23mm
- Shaft Diameter: 6.35mm
- Bushing & Shaft Length: 20.62 mm
- Body Length: 18.24mm
- Resistance Tolerance: ±5%

Value	Model	Code
1kΩ	534-1KB	33451016
5kΩ	534-5KB	33451032
10kΩ	534-10KB	33451040
20kΩ	534-20KB	33451048
100Ω	534-100	33451001
500Ω	534-500	33451008
100kΩ	534-100KB	33451064

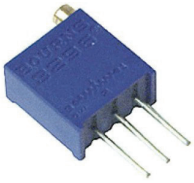
20-TURN VERTICAL WIDE LINEAR TRIMPOT



- Tolerance: ±10%
- Wattage: 0.5W
- Resistance law: Linear
- PCB Mount

Value	Model	Code
1kΩ	43P-1KB	33281040
5kΩ	43P-5KB	33281048

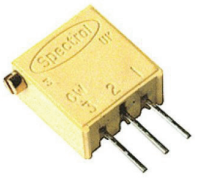
25-TURN HORIZONTAL LINEAR TRIMPOT



- Adjustment screw
- Tolerance: ±10%
- Wattage Rating: 0.5W
- Resistance Law: Linear

Value	Model	Code
1kΩ	64W-1KB	33141024
2kΩ	64W-2KB	33141032
5kΩ	64W-5KB	33141040
10kΩ	64W-10KB	33141048
20kΩ	64W-20KB	33141056
50kΩ	64W-50KB	33141064
500Ω	64W-500B	33141016

25-TURN VERTICAL LINEAR TRIMPOT



- Tolerance: ±10%
- Wattage: 0.5W
- Resistance law: Linear
- PCB Mount

Value	Taper	Power	Tolerance	Rotation	Mount	Model	Code
10kΩ	linear	0.5W	±10%	25 Turn	PCB/Vert	64X-10KB	33151001
100kΩ	linear	0.5W	±10%	25 Turn	PCB/Vert	64X-100KB	33151096

RELAYS

12V DC 30A HORN / SIREN RELAY

GOODSKY



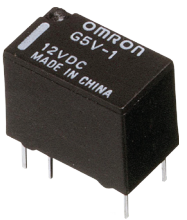
Used in cars for starter disable, flashing lights, powerdoor lock etc. Also used in alarm units for extra sirens, external lighting.

- 6.3mm quick connect terminals
- Contact Resistance: 100 mΩ Max.@1A, 6V DC
- Operate Time: 10ms max.
- Release Time: 10ms max.
- Dimensions: 25x28x28mm (HWL excl mounting tab)
- Weight: 36.5g

Contacts	Contact Vdc	Contact Idc	Coil V	Coil I	Model	Code
SPST	12V DC	30A	12V DC	150mA	GRLS112DF	37050912

12VDC 2A MINI RELAY FUJITSU

OMRON



- Super sensitive gold-overlay contacts
- Low power dissipation of 0.45W
- Size: 10.8(W) x 15.6(H) x 10.6(D)mm
- Nominal Coil Voltage: 12V DC
- Coil Resistance (± 10% @ 20°C): 320
- Coil Current (at rated voltage): 38mA
- International terminal pitch of 2.54mm grid terminal layout

FBR211CD012	37051012

10A DOUBLE POLE RELAY



Perfect for 240V AC switching applications.

- Double pole switching
- Low coil power consumption with high response time
- Operate time: 25ms max.
- Release time: 25ms max.
- Dimensions: 35(H) x 21.1(W) x 27.6(L)mm

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	30V DC	10A	250V AC	10A	240V AC	7.2mA	RET208A	37051080
DPDT	30V DC	10A	250V AC	10A	12V DC	75mA	RET202D	37051070

12V DC 5A DOUBLE POLE RELAY

FLOURISHING



- PCB through-hole mount
- Double-Pole Double-throw
- Sealed construction
- Operate time: 10ms max.
- Release time: 5ms max.

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	30V DC	5A	250V AC	5A	12V DC	60mA	MISS212D	37053723

24V DC 2A MINI RELAY FUJITSU

FUJITSU



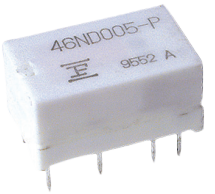
Miniature SPDT relay suitable for DC Power applications and PCB mounting.

- Operate Time: 5ms max.
- Release Time: 5ms max.
- Dimensions: 10.5(H) x 10.1(W) x 15.1(L)mm
- UL-110 (E63615), C22.2 No.14 (LR 40304, LR 46016)

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
SPDT	28V DC	2A	120V AC	0.5A	24V DC	9mA	FBR211CD024	37051018

24V DC 1A MICRO MINI RELAY

FUJITSU



Micro-miniature low profile relays occupy only one-half the volume and three-forths of the mounting area of conventional relays.

- Low power consumption: 85mW
- DPDT Contact Form
- Operate time: 5ms max.
- Release time: 5ms max.
- UL-114 (E63615), C22.2 No. 14 (LR 40304, LR 64026)

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	30V DC	1A	120V AC	0.5A	24V DC	8mA	FBR46ND24	37051055

12V DC 10A SINGLE POLE RELAY

GOODSKY



- Designed with an insulation distance of 8mm (min)
- PCB Mount
- Operate time: 15ms max.
- Release time: 8ms max.
- Sealed construction makes it suitable for operation in dusty environments
- Dimensions: 20.6(H) x 13.0(W) x 29.1(L)mm

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
SPDT	30V DC	10A	250V AC	10A	12V DC	60mA	MISS112D	37053721

SOLID STATE RELAY



- Photocoupler isolated control input
- Zero voltage turn-on, Zero current
- Red operation LED indicator
- High surge current handling capability
- No noise due to load current switching at near zero point
- Dimensions: 21(H) x 45.2(W) x 58(L)mm

Contacts	Contact Vac	Contact Iac	Coil V	Coil I	Model	Code
SPST	250V AC	40A	4~32V DC	5~12mA	KSD240AC8	37053750
SPST	250V AC	40A	100~240V AC		KSA240AC8	37053758

10A LOW-PROFILE RELAY

FUJITSU



- Low-profile, PCB mount relay
- Plastic sealed (RT III)
- Operate time: 10ms max. (without bounce)
- Release time: 5ms max. (no diode)
- Dimensions: 16.5(H) x 12.8(W) x 28.0(L)mm

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
SPDT	30V DC	10A	250V AC	10A	24V DC	23mA	FTRH1CA024V	37053789
SPDT	30V DC	10A	250V AC	10A	12V DC	45mA	FTRH1CA012V	37053785

24V DC 5A LOW PROFILE RELAY



- Sealed & dustproof
- Operate time: 7ms 2
- Release time: 4ms 2
- Dimensions: 15(H) x 22(W) x 16(L)mm

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
SPDT	30V DC	5A	250V AC	3A	24V DC	18.5mA	SSD105P-24V	37055008

5V DC 1A COMPACT RELAY

GOODSKY

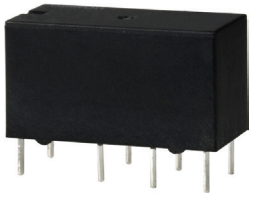


Reduced package size and power consumption compared to conventional relays.

- PCB mount, DIL Pitch Terminals
- Operate time: 3ms max.
- Release time: 3ms max.
- Up to 20 operations per second
- Dimensions: 5.0(H) x 10.1(W) x 14.1(L)mm
- Weight: 1.5g

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	30V DC	1A	125V AC	0.5A	24V DC	8.3mA	GP224	37056116
DPDT	30V DC	1A	125V AC	0.5A	5V DC	28mA	GP205	37056100
DPDT	30V DC	1A	125V AC	0.5A	12V DC	11.7mA	GP212	37056108

DUAL INLINE RELAY



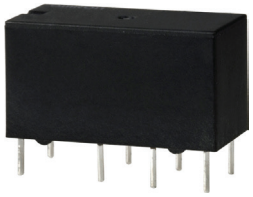
Small size and light weight can provide high density PCB mounting.

- Plastic epoxy resin sealed
- DPDT contact arrangement
- Operate time: 6ms max.
- Release time: 4ms max.
- Dimensions: 12.1(H) x 10.1(W) x 21.0(L)mm
- Weight: 5.0g

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	24V DC	2A	120V AC	1A	5V DC	71.4mA	GSSH205D	37056263
DPDT	24V DC	2A	120V AC	1A	12V DC	30mA	GSSH212D	37056265

24V DC 1A DOUBLE POLE RELAY

OMRON



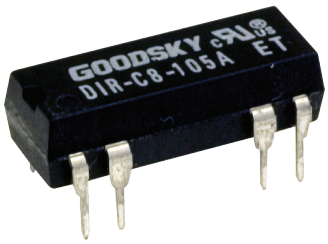
Miniature relay for signal circuits.

- Dust and water-proof
- Operating time: 7ms max.
- Release time: 3ms max.
- Dimensions: 11.4(H) x 9.9(W) x 20.3(L)mm

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
DPDT	30V DC	2A	125V AC	0.5A	24V DC	20.8mA	G5V224V	37056268

12V 1A SEALED DIL PITCH RELAY

GOODSKY



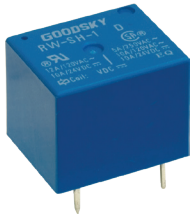
Fully sealed, high speed, miniature and cost effective.

- Completely washable
- Operate Time:0.5ms max.
- Release Time: 0.5ms max.
- Dimensions: 5.5(H) x 7(W) x 19.5(L)mm

Contacts	Contact Vdc	Contact Idc	Coil V	Coil I	Model	Code
SPST	50V DC	1A	12V DC	12mA	DIRS8112A	37056277

10A SUB-MINIATURE RELAY

GOODSKY



Complete protective construction is plastic sealed.

- PCB through-hole mount
- Operate time: 10ms max.
- Release time: 5ms max.
- Dimensions: 15.5(H) x 15.4(W) x 19(L)mm
- Weight: 11g

Contacts	Vdc	Idc	Vac	Iac	Coil V	Coil I	Model	Code
SPDT	24VDC	10A	120V AC	10A	24V DC	15mA	RWSH124D	37056272
SPDT	24VDC	10A	120V AC	10A	12V DC	30mA	RWSH112D	37056271
SPDT	24VDC	10A	120V AC	10A	5V DC	73mA	RWSH105D	37056270

RELAY ACCESSORIES

HORN RELAY BASE WITH LEADS

GOODSKY



Moulded relay socket with 200mm leads to bare ends attached.

UC3003 37050515

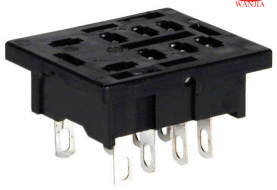
SCREW TERMINAL RELAY BASE



- Suits Wanjia WJ151-Series, Goodsky RET-Series and other 2-pole relays

WJ1522ZA 37050535

SOLDER TERMINAL RELAY BASE



- Suits Wanjia WJ151-Series, Goodsky RET-Series and other 2-pole relays

WJ1512ZC 37050530

SCREW TERM RELAY BASE DIN RAIL

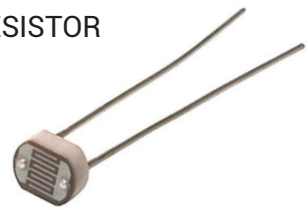


- Suits Wanjia WJ152-Series, Goodsky RE-Series and similar 4-pole relays

WJ1524ZB 37050540

RESISTORS

LIGHT DEPENDENT RESISTOR



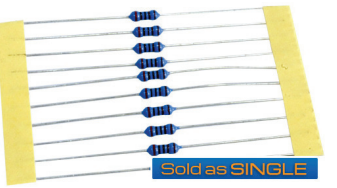
Cadmium Sulphide (CdS) light dependent resistor cell.

- Dark Resistance: min 10MΩ
- Light Resistance: 48k - 140kΩ
- Max Dissipation: 30mW
- Rise Time: (0~63%) 40ms
- Decay Time: (100~37%) 10ms
- Dimensions: Ø5.1mm (4.3mm wide)
- Lead spacing: 3.4mm

RD3480 38250050

1/4 WATT METAL FILM

0.25W METAL FILM RESISTOR



- Power: 1/4W
- Tolerance: 1%

Value	Model	Code
1.2MΩ	RMF1M2	37552078
1Ω	RMF1	37551032
1.2Ω	RMF1.2	37551040
1.5Ω	RMF1.5	37551044
1.8Ω	RMF1.8	37551048
2.2Ω	RMF2.2	37551056
2.7Ω	RMF2.7	37551064
3.3Ω	RMF3.3	37551072
3.9Ω	RMF3.9	37551080
4.7Ω	RMF4.7	37551088
5.6Ω	RMF5.6	37551096
8.2Ω	RMF8.2	37551112
10Ω	RMF10	37551116
11Ω	RMF11	37551124
12Ω	RMF12	37551132
13Ω	RMF13	37551140
15Ω	RMF15	37551148
16Ω	RMF16	37551156
18Ω	RMF18	37551162
20Ω	RMF20	37551170
22Ω	RMF22	37551178
24Ω	RMF24	37551186
27Ω	RMF27	37551192
30Ω	RMF30	37551198
33Ω	RMF33	37551206
36Ω	RMF36	37551214
39Ω	RMF39	37551222
43Ω	RMF43	37551230
47Ω	RMF47	37551238
56Ω	RMF56	37551252
62Ω	RMF62	37551260
68Ω	RMF68	37551268
75Ω	RMF75	37551276
82Ω	RMF82	37551282
91Ω	RMF91	37551290

Value	Model	Code
100Ω	RMF100	37551298
110Ω	RMF110	37551306
120Ω	RMF120	37551314
130Ω	RMF130	37551322
150Ω	RMF150	37551330
160Ω	RMF160	37551338
180Ω	RMF180	37551346
200Ω	RMF200	37551354
220Ω	RMF220	37551362
240Ω	RMF240	37551370
270Ω	RMF270	37551378
300Ω	RMF300	37551386
330Ω	RMF330	37551394
360Ω	RMF360	37551402
390Ω	RMF390	37551410
430Ω	RMF430	37551418
470Ω	RMF470	37551426
510Ω	RMF510	37551434
560Ω	RMF560	37551442
620Ω	RMF620	37551450
680Ω	RMF680	37551458
750Ω	RMF750	37551466
820Ω	RMF820	37551474
910Ω	RMF910	37551482
1kΩ	RMF1K	37551490
1.1kΩ	RMF1K1	37551498
1.2kΩ	RMF1K2	37551506
1.3kΩ	RMF1K3	37551514
1.5kΩ	RMF1K5	37551522
1.6kΩ	RMF1K6	37551530
1.8kΩ	RMF1K8	37551538
2kΩ	RMF2K	37551546
2.2kΩ	RMF2K2	37551554
2.4kΩ	RMF2K4	37551562
2.7kΩ	RMF2K7	37551570

Value	Model	Code
3kΩ	RMF3K	37551578
3.3kΩ	RMF3K3	37551586
3.6kΩ	RMF3K6	37551592
3.9kΩ	RMF3K9	37551600
4.3kΩ	RMF4K3	37551608
4.7kΩ	RMF4K7	37551616
5.1kΩ	RMF5K1	37551622
5.6kΩ	RMF5K6	37551630
6.2kΩ	RMF6K2	37551638
6.8kΩ	RMF6K8	37551654
7.5kΩ	RMF7K5	37551662
8.2kΩ	RMF8K2	37551670
9.1kΩ	RMF9K1	37551678
10kΩ	RMF10K	37551686
11kΩ	RMF11K	37551692
12kΩ	RMF12K	37551700
13kΩ	RMF13K	37551708
15kΩ	RMF15K	37551716
16kΩ	RMF16K	37551722
18kΩ	RMF18K	37551730
20kΩ	RMF20K	37551738
22kΩ	RMF22K	37551746
24kΩ	RMF24K	37551754
27kΩ	RMF27K	37551762
30kΩ	RMF30K	37551770
33kΩ	RMF33K	37551778
36kΩ	RMF36K	37551786
39kΩ	RMF39K	37551792
43kΩ	RMF43K	37551800
47kΩ	RMF47K	37551808
51kΩ	RMF51K	37551816
56kΩ	RMF56K	37551822
62kΩ	RMF62K	37551830
68kΩ	RMF68K	37551838
75kΩ	RMF75K	37551856

Value	Model	Code
82kΩ	RMF82K	37551862
91kΩ	RMF91K	37551870
100kΩ	RMF100K	37551878
110kΩ	RMF110K	37551886
120kΩ	RMF120K	37551892
130kΩ	RMF130K	37551900
150kΩ	RMF150K	37551908
160kΩ	RMF160K	37551916
180kΩ	RMF180K	37551922
200kΩ	RMF200K	37551930
220kΩ	RMF220K	37551938
240kΩ	RMF240K	37551946
270kΩ	RMF270K	37551954
300kΩ	RMF300K	37551962
330kΩ	RMF330K	37551970
360kΩ	RMF360K	37551978
390kΩ	RMF390K	37551986
430kΩ	RMF430K	37551992
470kΩ	RMF470K	37552000
510kΩ	RMF510K	37552008
560kΩ	RMF560K	37552016
620kΩ	RMF620K	37552024
680kΩ	RMF680K	37552032
750kΩ	RMF750K	37552040
820kΩ	RMF820K	37552048
910kΩ	RMF910K	37552056
1MΩ	RMF1M	37552062
1.1MΩ	RMF1M1	37552070
1.3MΩ	RMF1M3	37552086
1.4MΩ	RMF1M4	37552094
1.5MΩ	RMF1M5	37552102
1.8MΩ	RMF1M8	37552106
2MΩ	RMF2M	37552110

2 WATT

2W WIREWOUND RESISTOR



- Power: 2W
- Tolerance: 5%

Value	Model	Code
1.8Ω	KNP02-1.8	37573150
6.8Ω	KNP02-6.8	37574124
39Ω	KNP02-39	37574162
68Ω	KNP02-68	37574178
2.2kΩ	KNP02-2K2	37574314
0.1Ω	KNP02-.1	37573065
0.22Ω	KNP02-.22	37573101
0.27Ω	KNP02-.27	37573116
0.39Ω	KNP02-.39	37573122

Value	Model	Code
0.68Ω	KNP02-.68	37573132
0.82Ω	KNP02-.82	37573140
2.2Ω	KNP02-2.2	37573154
10Ω	KNP02-10	37574140
15Ω	KNP02-15	37574148
22Ω	KNP02-22	37574154
27Ω	KNP02-27	37574158
56Ω	KNP02-56	37574174
82Ω	KNP02-82	37574186

Value	Model	Code
100Ω	KNP02-100	37574194
120Ω	KNP02-120	37574202
150Ω	KNP02-150	37574210
220Ω	KNP02-220	37574218
270Ω	KNP02-270	37574226
330Ω	KNP02-330	37574234
390Ω	KNP02-390	37574242
470Ω	KNP02-470	37574250
560Ω	KNP02-560	37574258

Value	Model	Code
680Ω	KNP02-680	37574266
820Ω	KNP02-820	37574274
1kΩ	KNP02-1K	37574282
1.2kΩ	KNP02-1K2	37574290
1.5kΩ	KNP02-1K5	37574298
1.8kΩ	KNP02-1K8	37574306
2.7kΩ	KNP02-2K7	37574322
3.9kΩ	KNP02-3K9	37574338
4.7kΩ	KNP02-4K7	37574346

5 WATT

5W WIREWOUND RESISTOR



- Power: 5W
- Tolerance: 10%

Value	Model	Code
1.5kΩ	PW5-1K5	37575916
0.1Ω	PW5-R1	37575721
0.15Ω	PW5-R15	37575723
0.22Ω	PW5-R22	37575725
0.33Ω	PW5-R33	37575729
0.47Ω	PW5-R47	37575733
0.56Ω	PW5-R56	37575739
0.68Ω	PW5-R68	37575741
0.82Ω	PW5-R82	37575745
1Ω	PW5-1R	37575749
1.2Ω	PW5-1R2	37575753
1.5Ω	PW5-1R5	37575757
1.8Ω	PW5-1R8	37575761
2.2Ω	PW5-2R2	37575765

Value	Model	Code
2.7Ω	PW5-2R7	37575769
3Ω	PW5-3R	37575771
3.3Ω	PW5-3R3	37575773
3.6Ω	PW5-3R6	37575775
3.9Ω	PW5-3R9	37575777
4.7Ω	PW5-4R7	37575781
5.6Ω	PW5-5R6	37575785
6.8Ω	PW5-6R8	37575789
8.2Ω	PW5-8R2	37575793
10Ω	PW5-10R	37575797
12Ω	PW5-12R	37575801
15Ω	PW5-15R	37575805
18Ω	PW5-18R	37575810
22Ω	PW5-22R	37575814

Value	Model	Code
27Ω	PW5-27R	37575818
39Ω	PW5-39R	37575826
47Ω	PW5-47R	37575830
56Ω	PW5-56R	37575834
68Ω	PW5-68R	37575838
82Ω	PW5-82R	37575842
100Ω	PW5-100R	37575846
120Ω	PW5-120R	37575850
150Ω	PW5-150R	37575854
180Ω	PW5-180R	37575868
220Ω	PW5-220R	37575872
270Ω	PW5-270R	37575876
330Ω	PW5-330R	37575880
390Ω	PW5-390R	37575884

Value	Model	Code
470Ω	PW5-470R	37575888
560Ω	PW5-560R	37575892
680Ω	PW5-680R	37575896
820Ω	PW5-820R	37575900
1kΩ	PW5-1K	37575904
1.2kΩ	PW5-1K2	37575908
1.3kΩ	PW5-1K3	37575912
2.2kΩ	PW5-2K2	37575924
2.7kΩ	PW5-2K7	37575928
3.3kΩ	PW5-3K3	37575932
3.9kΩ	PW5-3K9	37575934
4.7kΩ	PW5-4K7	37575936
0.39Ω	PW5-R39	37575731

10 WATT

10W WIREWOUND RESISTOR



- Power: 10W
- Tolerance: 10%

Value	Model	Code
3.3kΩ	PW10-3K3	37577888
1Ω	PW10-1R	37577810
1.2Ω	PW10-1R2	37577812
1.5Ω	PW10-1R5	37577814
2.2Ω	PW10-2R2	37577816
3.3Ω	PW10-3R3	37577818
3.9Ω	PW10-3R9	37577820
4.7Ω	PW10-4R7	37577822
5.6Ω	PW10-5R6	37577824
6.8Ω	PW10-6R8	37577826
8.2Ω	PW10-8R2	37577828
10Ω	PW10-10R	37577830

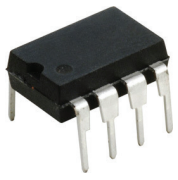
Value	Model	Code
12Ω	PW10-12R	37577832
15Ω	PW10-15R	37577834
18Ω	PW10-18R	37577836
27Ω	PW10-27R	37577840
33Ω	PW10-33R	37577842
39Ω	PW10-39R	37577844
56Ω	PW10-56R	37577848
68Ω	PW10-68R	37577850
100Ω	PW10-100R	37577854
120Ω	PW10-120R	37577855
150Ω	PW10-150R	37577856
220Ω	PW10-220R	37577860

Value	Model	Code
240Ω	PW10-240R	37577862
330Ω	PW10-330R	37577866
470Ω	PW10-470R	37577868
560Ω	PW10-560R	37577870
600Ω	PW10-600R	37577872
680Ω	PW10-680R	37577873
1kΩ	PW10-1K	37577876
1.2kΩ	PW10-1K2	37577878
1.8kΩ	PW10-1K8	37577882
2.2kΩ	PW10-2K2	37577884
2.7kΩ	PW10-2K7	37577886
3.9kΩ	PW10-3K9	37577903

Value	Model	Code
4.7kΩ	PW10-4K7	37577905
5.6kΩ	PW10-5K6	37577907
6.8kΩ	PW10-6K8	37577909
8.2kΩ	PW10-8K2	37577911
10kΩ	PW10-10K	37577913
12kΩ	PW10-12K	37577915
15kΩ	PW10-15K	37577917
270Ω	PW10-270R	37577864
820Ω	PW10-820R	37577874

SEMICONDUCTORS

OP-AMPS



Vin	Slew Rate	Offset Voltage	Chs	Technology	Package	Model	Code
10V~36V	12V/µs	10mV	1	BiFET	DIP-8	LF356N	38170065
10V~36V	10V/µs	5mV	4	Bipolar	DIP-14	LM837N	38210250
10V~36V	15V/µs	2mV	1	BiFET	DIP-8	LF411CN	38170075
10V~44V	0.5V/µs	7.5mV	1	Bipolar	DIP-8	LM301AN	38210040
6V~36V	50V/µs	10mV	1	BiFET	DIP-8	LF357N	38191004
6V~36V	1V/µs	10mV	4	BiFET	DIP-14	LF444CN	38170080
6V~36V	1V/µs	5mV	2	BiFET	DIP-8	LF442CN	38170070
5V~16V	30V/µs	8mV	1	BiCMOS	DIP-8	CA3130E	38170035
7V~36V	13V/µs	10mV	4	BiFET	DIP-14	LF347N	38170040
6V~40V	13V/µs	4mV	1	Bipolar	DIP-8	NE5534N	38191011

Vin	Slew Rate	Offset Voltage	Chs	Technology	Package	Model	Code
10V~40V	70V/µs	10mV	1	Bipolar	DIP-8	LM318N	38191008
6V~32V	16V/µs	10mV	1	BiFET	DIP-8	LF351N	38170050
10V~36V	13V/µs	10mV	2	BiFET	DIP-8	LF353N	38170060
4V~36V	0.3 V/µs	0.5 mV	1	Bipolar	DIP-8	LM308AN	38191007
3V~36V	0.5V/µs	7mV	4	Bipolar	DIP-14	LM2902N	38191005
4V~36V	7V/µs	5mV	1	BiCMOS	DIP-8	CA3140E	38170030
5V~30V	7V/µs	5mV	2	Bipolar	DIP-8	LM833N	38210240
8V~36V	0.5V/µs	6mV	4	Bipolar	DIP-14	LM348N	38210095
3V~32V	0.1V/µs	7mV	2	Bipolar	DIP-8	LM358N	38210120
3V~32V	0.5V/µs	7mV	4	Bipolar	DIP-14	LM324N	38210060

LINEAR ICS

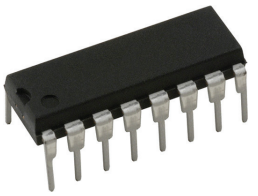


8-Bit A/D Converter with 8ch Multiplexer	ADC0808CCN	38191001
Phase Locked Loop	LM565CN	38210210
Precision Temperature Sensor	LM35DZ	38210130
Sample and Hold Amp	LF398N	38210030
Precision Temperature Sensor	LM335Z	38210070
Frequency to Voltage Converter	LM2907N-14	38210035
2.5V Reference Diode	LM336Z-2.5	38210080
Regulating Pulse Width Modulator	LM3524N	38210110

7W Audio Power Amplifier	LM383T	38210150
3-Terminal Adjustable Current Source	LM334Z	38210065
5V Reference Diode	LM336Z-5	38210090
Tone Decoder	LM567N	38210220
2.5W Audio Power Amplifier	LM380N	38210140
CMOS 555 Timer	7555CN	38210010
Dual Timer	LM556CN	38210200
Quad Line Receiver	DS1489N	38210020

Single 555 Timer (SOIC-8)	LM555SM	38210190
Quad Line Driver (TTL to RS-232)	DS1488N	38230010
Single 555 Timer (DIP-8)	LM555CN	38210180
Low Voltage Audio Power Amplifier	LM386N-1	38210155
Quad Voltage Comparator	LM339N	38210100
Dual Differential Comparator	LM393N	38210170
870MHz Balanced Linear Amp (SOIC-16)	ABA3115	38210045

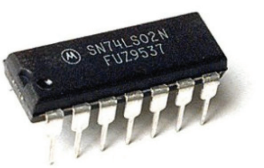
74HC SERIES



4-Bit Binary Counter with Synchronous Reset	74HC163	38090074
BCD to 7-Segment Latch/Decoder/Driver	74HC4511	38090119
Presettable Synchronous 4-bit Counter	74HC191	38090083
Dual Monostable Multivibrator	74HC4538	38090116
12-Stage Binary Ripple Counter	74HC4040	38090110
8ch Analogue Multiplexer/Demultiplexer	74HC4051	38090113
4-to-16 Line Decoder	74HC154	38090068
Octal-bus Tri-state Buffer Transceiver	74HC245	38090095
Dual 4-Bit Binary Ripple Counter	74HC393	38090104
Octal D-type Tri-state Flip-Flop	74HC374	38090103
8-Bit Shift Register with Input Flip-Flops	74HC597	38090200
8-Bit Parallel-in/Serial-out Shift Register	74HC165	38090080
Quad D-type Flip-Flop	74HC173	38090081
8-Bit Addressable Latch	74HC259	38090099
Dual J-K Flip-Flop	74HC73	38090201
Dual Retriggerable Monostable Multivibrator	74HC123	38090061
Octal D-type Latch (Transparent; Tri-state)	74HC373	38090101
4-Bit Binary Counter with Asynchronous Reset	74HC161	38090072
Octal-bus Tri-state Inverter Buffer/Gate	74HC244	38090092
8-Input NAND Gate	74HC30	38090100
Quad 2-Input Multiplexer	74HC157	38090071
BCD to Decimal (1-of-10) Decoder	74HC42	38090115

Dual Octal-bus Tri-state Inverter Buffer/Gate	74HC240	38090089
8-Input Tri-state Multiplexer	74HC251	38090096
Quad Tri-state Buffer	74HC125	38090062
3-to-8 Line Decoder	74HC138	38090064
Dual 2-to-4 Line Decoder	74HC139	38090065
Hex D-Type Flip-Flop	74HC174	38090082
Quad D-type Flip-Flop	74HC175	38090084
Quad 2-Input Tri-state Multiplexer	74HC257	38090097
Dual Multivibrator Schmitt Trigger	74HC221	38090086
Dual 4-Input NOR Gate	74HC4002	38090107
8-Input OR/NOR Gate	74HC4078	38090114
Dual D-type Flip-Flop	74HC74	38090117
Hex Schmitt Trigger	74HC14	38090060
13-Input NAND Gate	74HC133	38090063
Quad 2-Input NAND Gate	74HC00	38090010
Quad 2-Input NOR Gate	74HC02	38090020
Hex Inverted Buffer	74HC04	38090030
3-input NAND Gate	74HC10	38090050
Quad 2-Input AND Gate	74HC08	38090040
Triple 3-Input AND Gate	74HC11	38090051
Dual 4-Input NAND Gate	74HC20	38090087
Triple 3-Input NOR Gate	74HC27	38090098

74 / 74LS SERIES

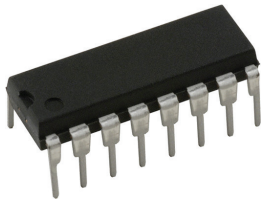


BCD to 7-Segment Decoder/Driver	74LS47	38180126
Quad 2-input NOR Gate	74LS02	38180020
Octal Bus Tri-state Transceiver	74LS245	38180080
Fully Synchronous 4-bit Counter	74LS163	38180120
4-Bit Binary Up/Down Counter	74LS193	38180121
Quad 2-input OR Gate	74LS32	38180090

Tri-State Octal Buffer/Line Driver	74LS240	38180123
Dual 1-of-4 Decoder/demultiplexer	74LS139	38180119
4-Bit Magnitude Comparator	74LS85	38180110
Dual Monostable Multivibrator	74LS123	38180050
Quad 2-input NAND Gate	74LS38	38180124
1-of-8 Decoder/demultiplexer	74LS138	38180060

Quad 2-input AND Gate	74LS08	38180040
Dual D-type Positive Edge Flip-Flop	74LS74	38180100
Quad Tri-state Buffer	74LS125	38180116
Hex (6ch) Inverters	74LS04	38180113
Hex inverting Schmitt trigger	74LS14	38180122
Hex (6ch) Inverters with Open-Collector Outputs	74LS05	38180030

4000 SERIES



Micropower Phase-Locked Loop	4046	38180152
BCD to 7-Segment Latch/Decoder/Driver	4511	38180170
Programmable Timer/Oscillator	4541	38080080
Programmable 4-bit Binary Down Counter	4526	38180177
Dual Monostable Multivibrator	4538	38180176
Presettable Divice-by-N Counter	4018	38180136
Dual 4-Bit Up Counter	4520	38180175
Quad Bilateral Switch	4016	38180135
64-Stage Static Shift Register	4031	38180147
Dual BCD Up Counter	4518	38180173
Octal Counter with 8-Decoded Outputs	4022	38180140
Dual J-K Flip-Flop	4027	38180146
4-Bit D-type Flip-Flop	4076	38180165
4-Bit Full Adder with Carry	4008	38180130
7-Stage Ripple-Carry Binary Counter/Divider	4024	38180143
Hex Schmitt Trigger	4584	38080090
14-Stage Ripple-Carry Binary Counter/Divider	4020	38180137
Triple 2-Channel Analogue Multiplexer/Demultiplexer	4053	38180161
Decade Counter with 10 Decoded Outputs	4017	38080030
8-Channel Data Selector Tri-state	4512	38180171

Dual 4-Stage Static Shift Register	4015	38180134
Quad R-S Latch	4043	38180149
Dual 4-Channel Analogue Multiplexer/Demultiplexer	4052	38180158
Hex D-Type Flip-Flop	4174	38180186
Hex Inverting Schmitt Trigger	40106	38080010
Quad 2-Input AND Buffer/Gate	4081	38080070
14-Bit Ripple-Carry Binary Counter with Oscillator	4060	38080040
Dual 4-Input AND Gate	4082	38180166
8-Channel Analogue Multiplexer/Demultiplexer	4051	38180157
Tri-state Hex Buffer/Gate	4503	38180167
Hex Inverter	4069	38080060
Quad 2-Input OR Gate	4071	38180164
Quad 2-Input NAND Buffer/Gate	4011	38080020
Hex Inverting Buffer	4049	38180155
Quad 2-Input XOR Gate	4070	38180163
Dual D-type Flip-Flop	4013	38180132
Quad Bilateral Switch	4066	38080050
Quad 2-Input NOR Buffer/Gate	4001	38180128
Dual 2-Input NAND Buffer/Gate	4012	38180131
Strobed Hex Inverter/Buffer	4502	38180169

RECTIFIERS/DIODES

POWER / RECTIFIER DIODE

SEMIKRON



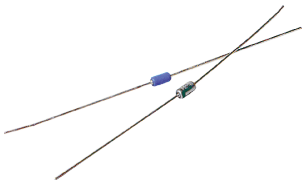
If max	Vr max	Model	Code
240A	400V	SKR24004	38100190
70A	800V	70H60	38100110
70A	800V	70H60R	38100120
12A	1200V	BYX42-1200	38100160

If max	Vr max	Model	Code
12A	1200V	BYX42-1200R	38100170
1A	1000V	BYV96E	38100140
3A	600V	1N5627	38100080
6A	400V	PX6004	38100180

If max	Vr max	Model	Code
2.5A	800V	1N5062	38100050
1A	1000V	1N4007SM	38100025
3A	1000V	1N5408	38100070
250mA	200V	BAV21	38100130

If max	Vr max	Model	Code
3A	400V	1N5404	38100060
1A	100V	1N4007	38100020
225mA	800V	1N4148	38100030

ZENER DIODES



Vz	Pd	Model	Code
12.0V	1.3W	BZX85-C12	38120180
5.1V	1.3W	BZX85-C5V1	38120240
5.6V	1.3W	BZX85-C5V6	38120250
15.0V	1.3W	BZX85-C15	38120190
16.0V	1.3W	BZX85-C16	38120200
4.3V	1.3W	BZX85-C4V3	38120220
4.7V	1.3W	BZX85-C4V7	38120230
6.2V	1.3W	BZX85-C6V2	38120260

Vz	Pd	Model	Code
9.1V	1.3W	BZX85-C9V1	38120300
7.5V	1.3W	BZX85-C7V5	38120280
6.8V	1.3W	BZX85-C6V8	38120270
8.2V	1.3W	BZX85-C8V2	38120290
3.9V	1.3W	BZX85-C3V9	38120210
10.0V	0.4W	BZX79-C10	38120020
12.0V	0.4W	BZX79-C12	38120040
20.0V	0.4W	BZX79-C20	38120060

Vz	Pd	Model	Code
2.7V	0.4W	BZX79-C2V7	38120090
4.7V	0.4W	BZX79-C4V7	38120120
5.1V	0.4W	BZX79-C5V1	38120130
5.6V	0.4W	BZX79-C5V6	38120140
9.1V	0.4W	BZX79-C9V1	38120170
7.5V	0.4W	BZX79-C7V5	38150285
3.3V	0.4W	BZX79-C3V3	38120110
6.2V	0.4W	BZX79-C6V2	38120010

Vz	Pd	Model	Code
3.0V	0.4W	BZX79-C3V0	38120100
6.8V	0.4W	BZX79-C6V8	38120150
11.0V	0.4W	BZX79-C11	38120030
24.0V	0.4W	BZX79-C24	38120070
27.0V	0.4W	BZX79-C27	38120080
8.2V	0.4W	BZX79-C8V2	38120160
15.0V	0.4W	BZX79-C15	38120050

BRIDGE RECTIFIERS

BRIDGE RECTIFIER



If max	Vr max	Model	Code
25A	400V	KBPC25-04	38110010
35A	1000V	KBPC35-10	38110030
10A	1000V	PBPC1010	38110080
6A	600V	PBPC606	38110090
6A	1000V	PBPC6010	38110100
35A	400V	KBPC35-04	38110020
4A	1000V	PBL407	38110070
4A	400V	PBL404	38110060
1A	400V	PBDF104	38110050
1.5A	400V	PB154M	38110040

TUBES

EL34 PENTODE MATCHED PAIR

ELECTRO HARMONIX

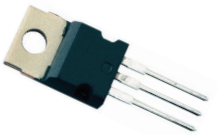
Extremely musical and predictable power tube with a sound that is rich, smooth, and detailed. Perfect for vintage equipment and a sure way to improve the performance of modern equipment too.



EL34 38180190

THYRISTORS / DIAC / TRIAC

TRIACS



It RMS	Vdrm	Gates	Package	Model	Code
25A	600V	Single	TO-220	T2513MH	38130080
8A	800V	Single	TO-220	BT137-500	38130010

THYRISTOR / SCR



It RMS	Vdrm	Gates	Package	Model	Code
106A	1200V	Dual	A 46	SKKT106/12E	38130030
72A	1200V	Dual	A 46	SKKT72/12E	38130040
72A	1200V	Single	A 47	SKKH72/12E	38220030
8A	1000V	Single	TO-220	TYN1008RG	38130050
0.8A	100V	Single	TO-92	PO102AB	38130020

DIAC BIDIRECTIONAL TRIGGER



Vbo min	Vbo max	Ip	Ibo	Package	Model	Code
28V	36V	2A	200uA	DO-35	ST2	38130060

TRANSISTOR MOUNTING KITS

T0220 TRANSISTOR MOUNTING KIT

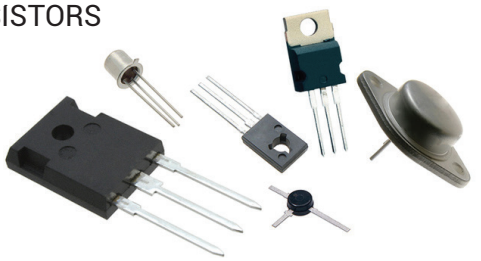


Kit consists of: TO220 Mica Insulator, Insulating wash er, Nut, Bolt and Washer.

06-202MK 38140020

TRANSISTORS NPN

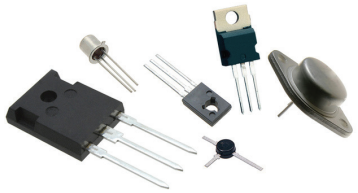
NPN TRANSISTORS



Ic	Vcb	Pt	Polarity	Package	Model	Code
30.0A	100.0V	200W	NPN	TO-3	MJ802	38150300
20.0A	140.0V	250W	NPN	TO-3	MJ15003	38150290
6.0A	900.0V	60W	NPN	TO-3	BU326A	38150280
6.0A	1500.0V	12.5W	NPN	TO-3	BU208	38150270
15.0A	100.0V	90W	NPN	TO-247	TIP3055	38150330
6.0A	800.0V	113W	NPN	TO-218	BU426A	38150275
1.0A	140.0V	0.8W	NPN	TO-39	2N3019	38150040
0.1A	10.0V	0.3W	NPN	TO-50	BFR90	38150260
10.0A	70.0V	90W	NPN	TO-220	MJE3055T	38150310
3.0A	40.0V	40W	NPN	TO-220	TIP31	38150340
6.0A	100.0V	65W	NPN	TO-220	TIP41C	38150350
0.5A	300.0V	20W	NPN	TO-126	MJE340	38160116
4.0A	45.0V	36W	NPN	TO-126	BD437	38150230
4.0A	100.0V	25W	NPN	TO-126	BD237	38150220
4.0A	100.0V	30W	NPN	TO-220	TIP29C	38150320
4.0A	100.0V	40W	NPN	TO-220	TIP31C	38150345
0.5A	40.0V	0.36W	NPN	TO-18	2N2369	38150030
0.1A	300.0V	6W	NPN	TO-126	BF459	38150250
0.8A	60.0V	0.8W	NPN	TO-39	2N2219	38150010
15.0A	100.0V	115W	NPN	TO-3	2N3055	38150060
5.0A	100.0V	0.8W	NPN	TO-126	BD139	38150210
0.8A	75.0V	0.5W	NPN	TO-18	2N2222A	38150020
0.2A	40.0V	0.3W	NPN	TO-92	2N6027	38150110
0.1A	30.0V	0.3W	NPN	TO-18	BC109	38150120
0.6A	60.0V	0.35W	NPN	TO-92	2N3642	38150070
0.5A	80.0V	0.1W	NPN	TO-92	BC639	38150205
0.1A	25.0V	0.3W	NPN	TO-92	BC309	38150125
0.6A	180.0V	0.35W	NPN	TO-39	2N5551	38150100
25mA	40.0V	0.5W	NPN	TO-92	BF199	38150235
0.2A	50.0V	0.35W	NPN	TO-92	BC317	38150130
0.8A	50.0V	0.8W	NPN	TO-92	BC337	38150140
0.8A	30.0V	0.8W	NPN	TO-92	BC338	38150150
0.1A	50.0V	0.5W	NPN	TO-92	BC550	38150200
0.2A	60.0V	0.625W	NPN	TO-92	2N3904	38150090
0.1A	80.0V	0.5W	NPN	TO-92	BC546	38150160
0.1A	50.0V	0.5W	NPN	TO-92	BC547	38150170
0.1A	30.0V	0.5W	NPN	TO-92	BC548	38150180
0.1A	30.0V	0.5W	NPN	TO-92	BC549	38150190

TRANSISTORS PNP

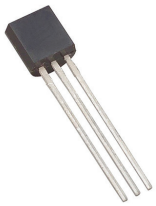
PNP TRANSISTORS



Ic	Vcb	Pt	Polarity	Package	Model	Code
20.0A	140.0V	250W	PNP	TO-3	MJ15004	38160112
15.0A	100.0V	150W	PNP	TO-3	MJ2955	38160118
30.0A	100.0V	200W	PNP	TO-3	MJ4502	38160110
7.0A	80.0V	40W	PNP	TO-220	2N6126	38160160
10.0A	60.0V	90W	PNP	TO-220	MJE2955T	38160114
2.0A	100.0V	25W	PNP	TO-126	BD238	38160080
0.5A	300.0V	20W	PNP	TO-126	MJE350	38160120
3.0A	100.0V	40W	PNP	TO-220	TIP32C	38160145
4.0A	45.0V	36W	PNP	TO-126	BD438	38150231
3.0A	40.0V	40W	PNP	TO-220	TIP32	38160140
1.5A	100.0V	8W	PNP	TO-126	BD140	38160070
1.0A	100.0V	30W	PNP	TO-220	TIP30C	38160130
0.5A	80.0V	1W	PNP	TO-92	BC640	38160060
0.3A	60.0V	0.3W	PNP	TO-92	2N3645	38160010
0.6A	160V	0.6W	PNP	TO-92	2N5401	38170015
0.8A	50.0V	0.8W	PNP	TO-92	BC327	38160020
0.1A	30.0V	0.5W	PNP	TO-92	BC559	38160050
0.1A	80.0V	0.5W	PNP	TO-92	BC556	38160030
0.1A	30.0V	0.5W	PNP	TO-92	BC558	38160040

TRANSISTOR FETS

N-CHANNEL MOSFET AMP



Vdg	Vgs	Igf	Pd	Polarity	Package		Model	Code
25V	-25V	10mA	350mW	N-Channel	JFET	TO-92	2N5485	38170020
25V	-25V	100mA	350mW	N-Channel	JFET	TO-92	2N3819	38170010
25V	-25V	10mA	625mW	N-Channel	JFET	TO-92	2N5459	38170025

TRANSISTORS DARLINGTON

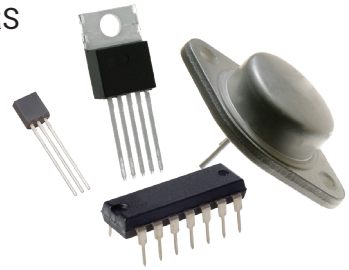
DARLINGTON TRANSISTORS



Ic	Vcb	Pt	Polarity	Package	Model	Code
4.0A	60V	40W	PNP	TO-126	BD678	38160090
4.0A	80V	40W	PNP	TO-126	BD680	38160100
4.0A	100V	40W	NPN	TO-126	BD681	38150240
5.0A	60V	65W	NPN	TO-220	TIP120	38200010
5.0A	80V	65W	NPN	TO-220	TIP121	38200015
5.0A	60V	65W	PNP	TO-220	TIP125	38200020
5.0A	80V	65W	PNP	TO-220	TIP126	38200025
5.0A	100V	65W	PNP	TO-220	TIP127	38160155

VOLTAGE REGULATORS

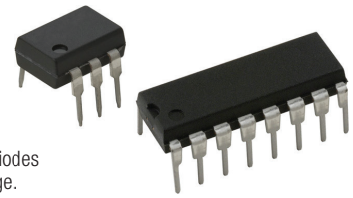
VOLTAGE REGULATORS



Vout	Iout	Vin min	Vin max	Package	Model	Code
1.2V~32V	5.0A	4.2V	35V	TO-3	LM338K	38190100
1.2V~57V	1.5A	4.2V	60V	TO-3	LM317HVK	38190020
1.23V~15V	3.0A	4.2V	40V	TO-220-5	LM2577T-ADJ	38190010
1.2V~37V	1.5A	4.2V	40V	TO-3	LM317K	38190030
-40V~-8V	0.025A	-50V	-8V	HC10C	LM304H	38191006
-37V~-1.2V	1.5A	-40V	-4.2V	TO-220	LM337T	38190090
8V	1.0A	9.7V	35V	TO-220	LM340T-8	38190150
12V	1.0A	14.6V	35V	TO-220	LM340T-12	38190110
2V~37V	0.15A	9.5V	40V	DIP-14	LM723CN	38210235
-5V	1.5A	-25V	-7.5V	TO-220	LM320T-5	38190080
-5V	0.1A	-30V	-6.7V	TO-92	LM79L05ACZ	38190190
24V	1.0A	25.7V	40V	TO-220	LM340T-24	38190130
12V	0.1A	13.7V	35V	TO-92	LM78L12ACZ	38190180
1.2V~37V	0.1A	4.2V	40V	TO-92	LM317LZ	38190040
15V	1.0A	17.7V	35V	TO-220	LM340T-15	38190120
5V	1.0A	7.5V	35V	TO-220	LM340T-5	38190140
-12V	1.5A	-32V	-14.5V	TO-220	LM320T-12	38190060
5V	0.1A	5.7V	30V	TO-92	LM78L05ACZ	38190170
-15V	0.1A	-35V	-17.7V	TO-92	LM79L15ACZ	38190200
1.2V~37V	1.5A	4.2V	40V	TO-220	LM317T	38190050
-12V	0.1A	-35V	-14.6V	TO-92	LM79L12ACZ	38190195
-15V	1.5A	-35V	-17.5V	TO-220	LM320T-15	38190070

OPTO COUPLERS

OPTOCOUPLERS

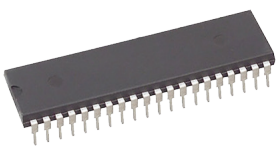


Optically coupled infra-red emitting diodes and photo-transistors in a DIP package.

Turn-on Time	Isolation	Channels	Model	Code
<8µs	5.3kV	4	ILQ1	38250040
10µs	3.5kV	1	4N35	38250030
0.8µs	2.5kV	1	4N25	38250010

DISPLAY DRIVERS

DISPLAY DRIVERS



3.5 Digit 7-Segment LED Driver with ADC	ICL7107CPL	38191003
3.5 Digit 7-Segment LCD Driver with ADC	ICL7106CPL	38220010
10-LED Dot/Bar Driver	LM3914N	38210160

EPROM

EPROM / EEPROM MEMORY



Capacity	Access time	Package	Model	Code
256kbits	120ns	CDIP-28	MM27C256	38240010
64kbits	150ns	DIP-28	MM27C64	38191010
256kbits	100ns	DIP-28	MM62256	38191015

VARISTORS

METAL OXIDE VARISTOR / VDR



Vrms	Vdc	Energy	Clamping Voltage	Model	Code
275V	350V	140 Joules	710V	S20K275	38260030
275V	350V	71 Joules	710V	S14K275	38260020
250V	320V	65 Joules	390V	S14K250	38260010

SWITCHES

ROCKER

MINI ROCKER SWITCH BLACK



SPST (2P) On/Off rocker switch with Red LED indicator, snap-in fitting.

- Rating: 250V AC 3A
- LED: 4V DC 40mA
- Mounting cutout: 19x11.4mm

SR2002 41272002

RED PLASTIC ROCKER SWITCH

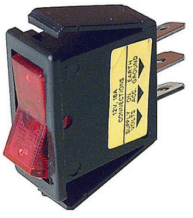


SPST (2P) On/Off rocker switch, requires 18.5mm round cutout.

- Screw terminals
- Rating: 250V AC 6A
- Contact Resistance: 50m (max.)
- Size: 28(H) x 18(W) x 29(D)mm

SR2026 41272026

12V DC ROCKER SWITCH RED



SPST On/Off, Snap fitting with 6.5mm FASTON lugs.

- Cutout: 29x12.5mm
- Size: 32(H) x 14(W) x 32(D)mm

SR2202 41272202

240V AC ROCKER SWITCH RED

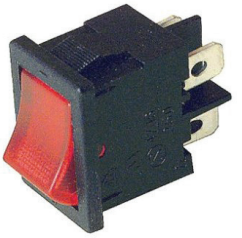


SPST On/Off Snap in.

- Red rocker, Black body
- 6.35mm faston lugs
- 250V AC, 10 Amps
- Cutout: 29x11.0mm
- Size: 32(H) x 14(W) x 32(D)mm

SR4401 41274401

DPST MINI ROCKER SWITCH RED



DPST On/Off Red illuminated rocker, Q.C terminals, snap-in.

- Rating: 250V AC 6A
- Life: 10,000 cycles
- 2,000V AC for 1 min
- Size: 15(W) x 23(H) x 21(D)mm

SR4601 41274601

DPDT ROCKER SWITCH BLACK



DPDT 10 Amp Rocker.

- Snap-in mount
- 6.35mm QC terminal
- Rated at: 250V AC 10A
- Contact Res: 100M /5m
- 1,000V AC for 1 min
- Cutout: 31x23mm
- Size: 34(H) x 25(W) x 28(D)mm

SR4635 41274635

DPDT ROCKER SWITCH ILLUMINATED



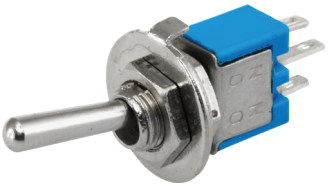
DPST 10 Amp Rocker.

- Computer power switch
- Snap-in mount
- 6.35mm QC terminals
- Rated at: 250V AC 10A
- Cutout: 25x25mm
- Size: 35(H) x 35(W) x 35(D)mm

SR4643 41274643

TOGGLE

SPDT MINI TOGGLE SWITCH

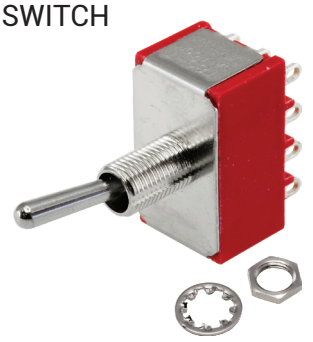


(250V AC 1A) (125V 3A).

- Contact Res: 20m @ 2-4V DC
- Insulation Res: 1,000M
- Dielectric Strength: 1,000V RMS
- Contacts: Silver plated
- Case: Diallyl phthalate (DAP)
- Terminals: silver plated
- Life Expect: 30,000 cycles

ST1016 41371016

4 POLE TOGGLE SWITCH

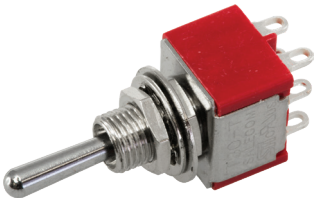


On/On metal toggle.

- 12 solder terminals
- Rating: 3A 250V AC
- Size: 23(W) x 17(H) x 13(D)mm

ST3501 41373501

MINI TOGGLE SWITCH



- Rating: 250V AC 3A / 125V AC 6A
- Switch positions available as On, Off, and Momentary (Mo)

DPDT	On-On	ST2501	41372501
DPDT-CO	On-Off-On	ST2532	41372532
SPDT	On-On	ST2001	41372001
SPDT-CO	Mo-Off-Mo	ST2065	41372065
SPDT-CO	Mo-Off-On	ST2048	41372048
SPDT-CO	On-Off-On	ST2032	41372032

SPST 12V TOGGLE SWITCH RED

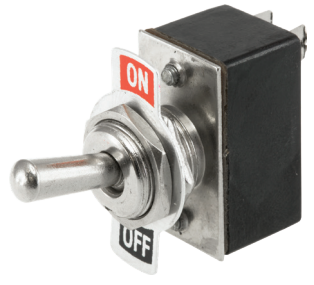


SPST On/Off with red illuminated toggle. Quick connect tab terminals.

- Rating: 12A 12V DC
- Dimensions: 13(W) x 25(H) x 25(D)mm

ST5066 41375066

SPST METAL TOGGLE SWITCH



SPST On/Off Metal toggle switch with On/Off indicator plate and solder terminals.

- Rating: 3A 220V AC (6A 110V AC)
- Dimensions: 28(W) x 21(H) x 18(D)mm
- 2 Solder lugs

ST6201 41376201

SPST ON / OFF 3AMP TOGGLE

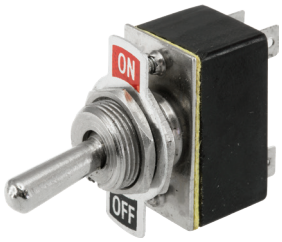


(APR1011) SPST On/Off toggle switch, 6.4mm Tab terminals.

- Rating: 3Amp 250V AC
- Initial Contact Res.: 10m @ 1A 2V DC
- Insulation Res.: 1,000m @ 500V DC
- Dimensions: 14(W) x 14(H) x 25(D)mm

ST6401 41376401

DPST METAL TOGGLE SWITCH

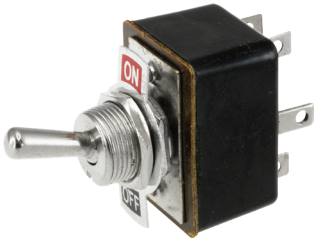


DPST On/Off Metal toggle switch with On/Off indicator plate & solder terminals.

- Rating: 3A 220V AC (6A 110V AC)
- Dimensions: 28(W) x 21(H) x 18(D)mm
- 4 Solder lugs

ST6601 41376601

DPDT 3A METAL TOGGLE SWITCH

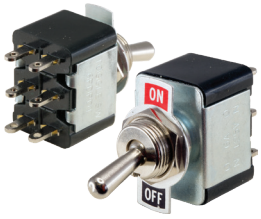


DPDT On/Off Metal toggle switch with On/Off indicator plate & solder terminals.

- Rating: 3A 220V AC (6A 110V AC)
- Dimensions: 28(W) x 21(H) x 18(D)mm
- 6 Solder lugs

ST6901 41376901

TOGGLE SWITCH DPDT 125V 6A

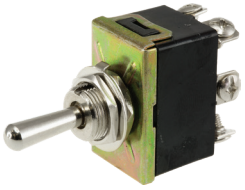


Rating: AC125V 3A 250V 6A 6P DPDT On-On.

- Contact Resistance: 50mΩ Max.
- Insulation Resistance: DC500V-100mΩ Min.
- Dielectric Strength: AC 1500V 1 minute
- Electrical life: 20,000 mark - and - break cycle at full load

ST6905 41376905

DPDT METAL TOGGLE SWITCH



- Rating: 10A 250V AC
- Dimensions: 30(W) x 28(H) x 20(D)mm
- Screw terminals

DPDT-CO	On-Off-On	ST7205	41377205
DPDT	On-On	ST7201	41377201

WATERPROOF SWITCH COVER



Waterproof hood for toggle switches. Screws over toggle to prevent ingress of water.

Standard	WSC02	41379085
Mini	WSC01	41379080

RUBBER BOOT WITH SEAL



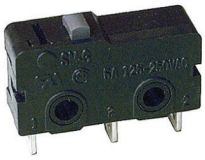
Black rubber boot sealed switch cover.

- Suits mini toggle switches

ST0594 41379086

MICRO

SPDT MICRO SWITCH

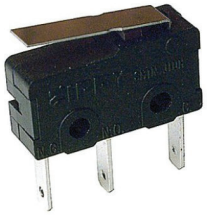


Sub-mini type with pin plunger.

- Rating: 250V AC 3A
- Body Size: 19.8x9.5x6.4mm
- Solder terminals
- Operating Force: 150g

SM1001 41111001

SPDT MICRO SWITCH WITH ARM



Sub-mini type with lever actuator.

- Rating: 250V AC 3A
- Body Size: 19.8x9.5x6.4mm
- Solder terminals
- Operating Force: 50g

SM2501 41112501

SPDT REGULAR MICRO SWITCH

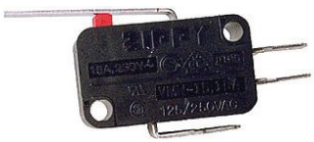


Miniature type with pin plunger.

- Rating: 250V AC 10Amp
- Operating Force: 230g
- 4.8mm Q.C. (solder) terminals
- Size: 27.8(W) x 15.9(H) x 10.3(D)mm

SM3501 41113501

MICRO SWITCH WITH EXTENDED ARM



Miniature type with lever actuator.

- Rating: 250V AC 10A
- Operating Force: 115g
- Lever Length: 28.6mm
- 4.8mm Q.C. (solder) terminals
- Size: 27.8(W) x 15.9(H) x 10.3(D)mm

SM4501 41114501

MICRO SWITCH WITH ROLLER ARM



Miniature change-over type with roller actuator.

- Rating: 250V AC 10A
- Operating Force: 230g
- Lever Length: 20.1mm
- 4.8mm Q.C. (solder) terminals
- Size: 27.8(W) x 15.9(H) x 10.3(D)mm

SM5001	41115001

EMERGENCY PANIC SWITCH



Momentary action Push-On surface mount switch. For low DC voltage applications only.

- Uses: Bellpress, Panic alarm Signal or Call button
- Overall Length: 32mm

SP3007	41163007

SPST VANDAL PROOF SWITCH



Screw Terminating Vandal Proof Push Button Switch.

- 5 Amps 250 Volts AC Momentary-On

SP3584	41163584

LARGE WATERPROOF PUSH BUTTON



Large Waterproof Pushbutton Momentary SPST Switch.

- Plastic housing with brass 5A DC contacts
- Rubber cap over housing renders assembly virtually waterproof
- Requires 20mm mounting hole
- Screw terminals
- Ideal for horn button, starter motor activation, etc.

SP3620	41163620

PUSH BUTTON

BABY PUSH BUTTON



- Rating: 125V AC 1A
- Mounting Hole: Ø7.0mm
- Overall Length: 30mm

●	30mm	Mo.-NC	SP2017	41162017
●	30mm	Mo.-NO	SP2001	41162001

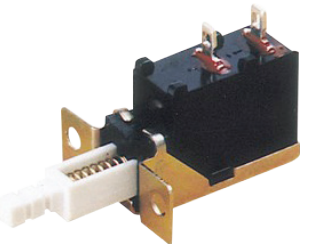
SQUARE PUSH BUTTON/SWITCH



- Terminations: 6.5mm quick lugs

●	37mm	Momentary	SP3535	41163535
●	37mm	Momentary	SP3532	41163532
●		Toggle	SP3549	41163549
●		Toggle	SP3550	41163550

SPST PUSH BUTTON POWER SWITCH



250V AC 5A push on push off power switch.

- Single pole single throw
- Material: metal and plastic
- 10,000 times life

SP3590	41163590

RED LED ILLUMINATED PUSH BUTTON



Red LEDs behind a red diffused actuator.

- Rated at 250V AC / 1.5A

Momentary	SP4045	41164045
Toggle	SP4040	41164040

SPDT MOMENTARY N/O N/C SWITCH



Momentary Push-On or Push-Off Mini switch with red push button.

- Terminals: Common, N/O, N/C
- Rating: 125V AC 1A
- Mounting Hole: Ø6.5mm
- Overall Body Length: 32mm

SP2032	41162032

MOMENTARY CERAMIC SWITCH



- Rating: 250V AC 2.5A
- Terminations: 6.5mm quicklugs
- Mounting Hole: Ø12mm

37mm	N/O	SP3565	41163565
37mm	N/C	SP3581	41163581

IP67 DOME PUSH BUTTON



IP67 rated for harsh environments, low profile dome shape, momentary action.

- Mounting Hole: Ø12mm
- 32V AC @400mA
- 50V DC @100mA
- 125V AC @125mA

●	SP3600	41163600
●	SP3605	41163605

IP65 MOMENTRY RED PUSHBUTTON



- Contact Rating: 0.5A @ 250V AC or 28V DC resistive load
- Electrical Life: 50,000 cycles at full load
- Contact Arrangement: DPDT
- Solder termination

S1392	41164060

IP65 ILLUMINATED PUSH-BUTTON



- IP65 Rated
- DPDT momentary action
- Rated for 250V AC 5A
- 12V DC LED illumination
- Mounting Hole: Ø15mm
- Overall Length: 40mm

40mm	Momentary	SP4065	41164065
40mm	Momentary	SP4070	41164070
40mm	Toggle	SP4075	41164075
40mm	Toggle	SP4080	41164080

IP56 ON /OFF BLACK PUSH BUTTON



IP56 rated round pushbutton switches, DPST with QC spade lugs.

- Black push on, push off
- Mounting Hole: 20mm

SP4105	41164105

IP56 RED NEON PUSH BUTTON



Pushbutton Switch 6A @ 250V AC Neon IP56 DPST.

SP0751	41164111

IP67 METAL PUSH BUTTON



- IP67 rated for industrial use or other harsh environments
- Illuminated, metal body, SPDT, on-off or momentary action
- Rated for 250V AC @ 3A, with 12V DC LED illumination
- Mounting Hole: Ø16mm

Momentary	SP4140	41164140
Momentary	SP4145	41164145
Toggle	SP4130	41164130
Toggle	SP4135	41164135

MOMENTARY MUSHROOM PUSH BUTTON

MOELLER



Snap in modular fitting system.

- Titanium front bezel
- Mounting Diameter: Ø22.3mm
- Requires separate contact block for operation

SP6505	41166505
SP6510	41166510
SP6515	41166515
SP6520	41166520

EMERGENCY LATCH MUSHROOM PUSH BUTTON

MOELLER



Stays latched until released; perfect for emergency shut-down.

- Requires separate contact block for operation

SP6530	41166530
SP6525	41166525
SP6535	41166535

CONTACT BLOCK FOR MUSHROOM BUTTONS

MOELLER



Electrical contacts for the Moeller Mushroom Push Buttons.

- Available as NO, NC and NO+NC variants

N/O + N/C	SPA6550	41166550
N/O	SPA6555	41166555
N/C	SPA6560	41166560

TAMPER

PUSH ON TAMPER SWITCH



S.P.S.T Momentary push button.

- PUSH-ON Version with Red Button
- Rating: 250V AC 2.5A
- Mount Hole: 19.5mm
- Overall Body Length: 37mm

SP3017	41163017

PUSH OFF TAMPER SWITCH



S.P.S.T Momentary push button.

- PUSH-OFF Version with Black Button
- Rating: 250V AC 2.5A
- Mount Hole: 12mm
- Overall Body Length: 37mm

SP3020	41163020

PIN SWITCH FOR CAR BONNET



This switch can be installed beneath the bonnet or trunk, and wired to car alarm's trigger circuit. As soon as either the trunk or bonnet are opened, the alarm will be triggered.

SP8039	41168039

PCB MOUNT

MOMENTARY PUSH ON PCB SWITCH



Ultra long life SPST PCB mount Momentary On, designed for digital electronic controls.

- Pins 5(L)mm x 5mm pitch
- Rating: 35V/10mA
- Travel: 0.8mm
- Dimensions: Button: Ø9 x Base: Ø12mm x 14.5(H)mm

SP8006	41168006

6MM SMALL TACTILE SWITCH

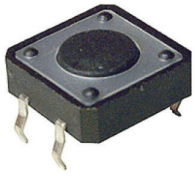


PC mount Single pole normally open keyboard switch with metallic contacts.

- Rating: 24V DC 50mA
- Stroke: 0.2mm
- Pins 6.5x4.5mm pitch
- Operating Force: 100 ±30gf
- Contact Resistance: <100m @ 150gf
- Dimensions: 4.3(H) x 6(W) x 6(D)mm

SP8025	41168025

12MM LARGE TACTILE SWITCH



PC mount Single pole normally open keyboard switch with metallic contacts.

- Rating: 24V DC 50mA
- Stroke: 0.2mm
- Pins 12.5x5mm pitch
- Contact Resistance: <100m @ 150gf
- Operating Force: 100 ±30gf
- Dimensions: 4.3(H) x 12(W) x 12(D)mm

SP8027	41168027

ROTARY

PLASTIC ROTARY SWITCH

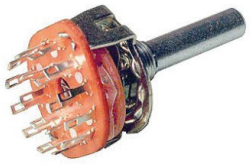


All moulded plastic, enclosed design with round type shaft. Posidex indexing gives excellent positive movement.

- Rating: 5A
- Max. Voltage: 300V AC/DC
- Break-before-Make contacts
- Indexing: 30°

3P4T	SR6032	41276032
SP12T	SR6001	41276001
4P3T	SR6048	41276048

OPEN METAL ROTARY SWITCH

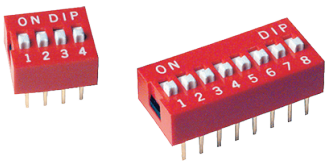


- Open design, 30mm Diameter, round 6.3mm metal shaft
- Break before make contacts
- Silver plated brass terminals
- Contact Rating: 125V 500mA

DP6T	SR6512	41276512
DP5T	SR6524	41276524
3P4T	SR6536	41276536
6P2T	SR6560	41276560
4P3T	SR6548	41276548
SP12T	SR6501	41276501

DIP

PCB MOUNT DIP SWITCH



Standard 2.54mm pitch for direct PCB mounting.

- 100mA 50V DC on load
- 25mA 25V DC on switching
- 100mA 5V DC on switching
- Contact Resistance: 50mΩ
- Insulation Resistance: 100MΩ min @ 500V DC

4-way	SD1004	41011004
8-way	SD1008	41011008

KEY

MINI TUBULAR KEY SWITCH



Mini, chrome plated brass housing.

- Tubular key can be removed in On or Off position (45° travel)
- Rated at: 240V AC 1Amp
- Size: Overall Length: 30mm
- Mounting Hole Dia.: 10.5mm

	SK1001	41061001

REGULAR KEY SWITCH ON / OFF



Zinc alloy diecast housing & cylinder with weather proof shutter.

- 5-disc tumbler cylinder
- Double bitted flat key, can be inserted either way for easy operation
- 3-terminal changeover type
- Rated: 250V AC 3A (45° travel)
- Dimensions: Length 50.3mm
- Mounting Hole Dia.: 19mm

	SK1065	41061065

DPDT SHORT BARREL KEY SWITCH



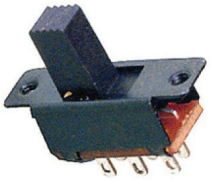
Bright nickel plated zinc alloy, stainless steel facing.

- Single bitted key can be removed in on or off positions
- 6 terminal DPDT
- Rated: 250V AC 2A
- 45° indexing
- Short barrel

	SK1080	41061080

SLIDER

DPDT SUB MINI SLIDE SWITCH

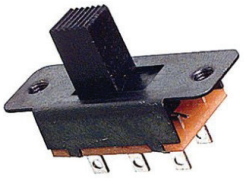


DPDT miniature slide action switch with solder terminals.

- Rating: 125V AC 0.3 Amp
- Mounting Holes: 19mm
- Size: 23(W) x 7(H) x 7.2(D)mm

	SS1001	41321001

DPDT MINI SLIDE SWITCH



DPDT slide action switch with solder terminals.

- Rating: 125V AC @ 0.5A
- Hole Centres: 28mm
- Size: 35(W) x 7.5(H) x 13(D)mm

	SS1016	41321016

TERMINALS

SCREW & POST

HEAVY DUTY TERMINAL



Captive head, electro-tinned brass threaded internal components and injected moulded high quality ABS insulation. Terminal bases have a moulded tongue to prevent turning.

- Insulation washer, 2 nuts and 2 washers
- Mounting hole: Ø16mm
- Overall height: 75mm

●	TP1001	43651001
●	TP1002	43651002
●	TP1004	43651004

NON-CAPTIVE BANANA BINDING POST



4mm Banana socket, non-captive head with insulation washer.

- Mounting hole: Ø8.2mm
- Overall Diameter: 13.5mm
- Overall height: 36mm

●	TP1901	43651901

CAPTIVE BANANA BINDING POST



4mm Banana socket, captive head type, plastic thread with double flat.

- Mounting hole: Ø8.2mm
- Diameter: 11mm
- Height: 50mm

●	TP1931	43651931
●	TP1932	43651932
●	TP1933	43651933
●	TP1934	43651934
●	TP1935	43651935
○	TP1938	43651938

GOLD PLATED SPEAKER POST



- Side entry type with 4mm banana socket
- 17mm post
- Knurled head
- Coloured ring
- Height: 42mm
- Diameter: Ø10mm

●	TP2814	43652814
●	TP2815	43652815

LUGS

WATERPROOF SPLICING SLEEVE 6-PACK

Featuring a glue lined heatshrink insulation, shrunk onto the wire after crimping resulting in a completely waterproof connection.

- High quality product meeting International Standards
- Funnel entry terminals allow easy conductor entry, minimising substandard crimps
- Long term electrical integrity
- Voltage rating 300V



- Crimped using standard CABAC or MSSP tooling
- Conforms to AS 3169 and AS4437

Wire Size	Pack Qty	Model	Code
1.25mm²	6	WPS1.25K-6	43576510
2mm²	6	WPS2K-6	43576515
5.5mm²	6	WPS5.5K-6	43576520

100-PACK BOOT LACE PINS

Bootlace pins are used to terminate conductors, by containing the strands in a thin walled copper sleeve that is crimped onto them. The sleeve ensures that no conductor strands stray, and also stops screws in the terminal from breaking strands.



Wire Size	Pack Qty	Model	Code
0.5mm²	100	BLP050-100	43576596
0.75mm²	100	BLP075-100	43576600
1mm²	100	BLP100-100	43576604
1.5mm²	100	BLP150-100	43576608
2.5mm²	100	BLP250-100	43576612

50-PACK END CONNECTORS

Translucent nylon in fully insulated quick connectors.

- Approved by Government Authorities
- Conform to AS 3169
- Voltage rating: 600V AC/DC



Wire Size	Pack Qty	Model	Code
1.25mm²	50	EC1.25-50	43576618
2mm²	50	EC2-50	43576621

FLAT BLADE CONNECTORS



Wire Size	Lug Size	Pack Qty	Model	Code
1mm²	1.9x11.7mm	100	FB1.25-2-100	43576629
2.5mm²	2.5x11.7mm	100	FB2-2.5-100	43576633

FEMALE BULLET CONNECTORS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	4mm	10	QKD18	43577030
1.25mm²	4mm	25	FBC1.25-25	43576640
2mm²	4mm	10	QKD37	43577063
2mm²	5mm	15	FBC2DGK-15	43576644

INSULATED LUG SOCKETS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	4.8mm	50	FIQC1.25-4.8-50	43576648
1.25mm²	6.4mm	15	FIQC1.25-6.4K-15	43576650
1.25mm²	6.4mm	50	FIQC1.25-6.4D-50	43576652
2mm²	4.8mm	50	FIQC2-4.8-50	43576660
2mm²	6.4mm	15	FIQC2-6.4K-15	43576654
2mm²	6.4mm	50	FIQC2-6.4DG-50	43576656

FORK INSULATED SPADE TERMINALS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	3mm	15	FS1.25-3K-15	43576666
1.25mm²	4mm	15	FS1.25-4K-15	43576670
1.25mm²	3mm	100	FS1.25-3-100	43576668
1.25mm²	4mm	100	FS1.25-4-100	43576672
2mm²	3mm	15	FS2-3K-15	43576684
2mm²	4mm	15	FS2-4K-15	43576687
2mm²	4mm	100	FS2-4-100	43576688

FORK UNINSULATED SPADE TERMINALS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	3mm	100	FSU1.25-3-100	43576700
1.25mm²	4mm	100	FSU1.25-4-100	43576702
2mm²	3mm	100	FSU2-3-100	43576704
2mm²	4mm	100	FSU2-4-100	43576706

INLINE SPLICE CONNECTORS



Wire Size	Pack Qty	Model	Code
1.25mm²	20	ILS1.25K-20	43576708
1.25mm²	50	ILS1.25-50	43576710
2mm²	20	ILS2K-20	43576711
2mm²	50	ILS2-50	43576713

BULLET CONNECTOR PLUGS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	4mm	15	MBC1.25DG/K-15	43576722
1.25mm²	4mm	100	MBC1.25DG-100	43576724
2mm²	4mm	15	MBC2K-15	43576726
2mm²	4mm	50	MBC2DG-50	43576728

LUG / TAB CONNECTORS



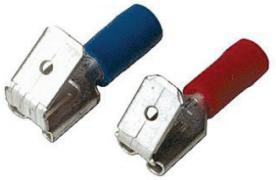
Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	10	QKD14	43577024
1.25mm²	6.4mm	15	MT1.25-6.4K-15	43576737
1.25mm²	6.4mm	100	MT1.25-6.4D-100	43576739
2mm²	6.4mm	15	MT2-6.4K-15	43576742
2mm²	6.4mm	100	MT2-6.4D-100	43576744

UNINSULATED LUG / TAB CONNECTORS



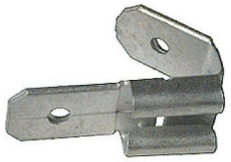
Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	20	MTB1.25-6.4K-20	43576756
1.25mm²	6.4mm	100	MTB1.25-6.4-100	43576758

PIGGY-BACK TAB / LUG CONNECTOR



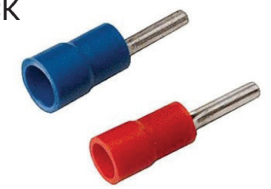
Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	15	PB1.25-6.4K-15	43576760
1.25mm²	6.4mm	50	PB1.25-6.4DG-50	43576761
2mm²	6.4mm	10	QKD34	43577054
2mm²	6.4mm	15	PB2-6.4K-15	43576762
2mm²	6.4mm	50	PB2-6.4DG-50	43576763

PIGGY-BACK UNINSULATED CONNECTOR



Lug Size	Pack Qty	Model	Code
6.4mm	20	PBA6.4K-20	43576765
6.4mm	50	PBA6.4-50	43576764

PIN CONNECTOR 100-PACK



Wire Size	Pack Qty	Model	Code
1.25mm²	100	PC1.25-100	43576772
2mm²	100	PC2-100	43576778

QUICK CONNECTS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	20	QC1.25-6.4D-20	43576787
1.25mm²	6.4mm	100	QC1.25-6.4D-100	43576789
2mm²	6.4mm	20	QC2-6.4K-20	43576794
2mm²	6.4mm	50	QC2-6.4DG-50	43576796

UNINSULATED QUICK CONNECTS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	2.8mm	100	QCB1.25-2.8-100	43576811
1.25mm²	4.8mm	100	QCB1.25-4.8-100	43576817
1.25mm²	6.4mm	20	QCB1.25-6.4K-20	43576822
1.25mm²	6.4mm	100	QCB1.25-6.4-100	43576824

RIGHT-ANGLE / FLAG CONNECTOR



Wire Size	Lug Size	Pack Qty	Model	Code
2mm²	6.4mm	20	QCB2-6.4FK-20	43576825
2mm²	6.4mm	100	QCB2-6.4F-100	43576826

NICKEL-PLATED QUICK CONNECT



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	20	QCN1.25-6.4K-20	43576827
1.25mm²	6.4mm	100	QCN1.25-6.4-100	43576828

RING TERMINALS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	3mm	25	RT1.25-3K-25	43576862
1.25mm²	4mm	25	RT1.25-4K-25	43576865
1.25mm²	5mm	25	RT1.25-5K-25	43576867
1.25mm²	6mm	25	RT1.25-6K-25	43576869
1.25mm²	6mm	50	RT1.25-6-50	43576870
1.25mm²	8mm	50	RT1.25-8-50	43576871
1.25mm²	3mm	100	RT1.25-3-100	43576864
1.25mm²	4mm	100	RT1.25-4-100	43576866
1.25mm²	5mm	100	RT1.25-5-100	43576868
2mm²	3mm	20	RT2-3K-20	43576873
2mm²	4mm	20	RT2-4K-20	43576875
2mm²	5mm	20	RT2-5K-20	43576877
2mm²	6mm	20	RT2-6K-20	43576879
2mm²	6mm	50	RT2-6-50	43576881
2mm²	8mm	50	RT2-8-50	43576885
2mm²	3mm	100	RT2-3-100	43576874
2mm²	4mm	100	RT2-4-100	43576876
2mm²	5mm	100	RT2-5-100	43576878

UNINSULATED RING TERMINALS

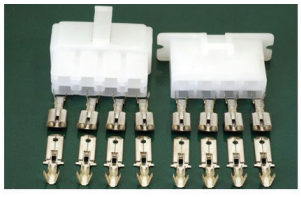


Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	4mm	100	RTU1.25-4-100	43576897
1.25mm²	3mm	100	RTU1.25-3-100	43576895
2mm²	3mm	100	RTU2-3-100	43576899
2mm²	4mm	100	RTU2-4-100	43576904
5.5mm²	4mm	100	RTU5.5-4-100	43576909

PLUG AND SOCKET SET

Conforms to the common 250 series, 6.0mm (J.A.S.O.), and 6.3mm (European) standards.

- Includes contact receptacle and contact tabs



2-way	QK2	43576920
4-way	QK4	43576926
8-way	QK8	43576929

SOLDER SLEEVE WIRE SPLICES

Heat shrinkable sleeves and fluxed solder that contracts around the cable when heated. Providing an insulated and waterproof cable join.

- Easy installation
- Temperature of fully solder melt: 150°C
- IP67 Rated



- Available in 4 colour-coded sizes

Wire Size	Model	Code
2x1.8x25mm	SSWS1.8	43576950
3.2x2.9x40mm	SSWS2.9	43576955
5x4.6x40mm	SSWS4.6	43576960
6.5x6.2x40mm	SSWS6.2	43576965

100 SOLDER SLEEVE WIRE SPLICES

Heat shrinkable sleeves and fluxed solder in a handy 100 piece kit. Providing an insulated and waterproof cable join for all sizes.

- 25 of each size, sorted and stored in a transparent case
- Easy installation
- Fully recovery temperature: 130°C
- Temperature of fully solder melt: 150°C
- IP67 Rated



SSWS100	43576975

160-PACK MIXED TERMINAL KIT

A plastic utility box with 18 compartments consisting of all the standard 1/4" (6.35mm) QC tabs and receptacles, also non standard 3.3mm and 4.8mm sizes are included.



TK160	43577001

10-PACK RING TERMINALS

Quikcrimp The Tradesman's Connection

Quick crimp high quality terminals in convenient reusable packs of ten. Vinyl grip terminals incorporate a hard, strong vinyl insulation sleeve; they provide complete reliability where the circuitry necessitates an insulated connection.



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	3mm	10	QKD01	43577006
1.25mm²	4mm	10	QKD02	43577009
1.25mm²	5mm	10	QKD03	43577012
2mm²	3mm	10	QKD21	43577033
2mm²	5mm	10	QKD22	43577036
2mm²	6mm	10	QKD23	43577039
2mm²	8mm	10	QKD24	43577042
6mm²	5mm	10	QKD39	43577066
6mm²	7mm	10	QKD40	43577069
6mm²	8mm	10	QKD41	43577072
6mm²	10mm	10	QKD42	43577075

SPADE TERMINALS 10-PACK

Quikcrimp The Tradesman's Connection



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	3mm	10	QKD07	43577015
2mm²	4mm	10	QKD28	43577045
6mm²	5mm	10	QKD46	43577078

10-PACK SPLICE CONNECTOR

Quikcrimp The Tradesman's Connection



Wire Size	Pack Qty	Model	Code
1.25mm²	10	QKD11	43577018
2mm²	10	QKD31	43577048
6mm²	10	QKD49	43577081

10-PACK QUICK CONNECTORS



Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	6.4mm	10	QKD12	43577021
2mm²	4mm	10	QKD32	43577051
6mm²	6.4mm	10	QKD50	43577084

10-PACK BULLET SOCKET CONNECTOR



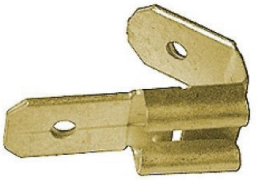
Wire Size	Lug Size	Pack Qty	Model	Code
1.25mm²	4mm	10	QKD17	43577027
2mm²	4mm	10	QKD36	43577060

10-PACK CLEAR INSULATED CONNECTOR



Wire Size	Lug Size	Pack Qty	Model	Code
2mm²	6.4mm	10	QKD35	43577057

10-PACK PIGGY-BACK QUICK CONNECT



Lug Size	Pack Qty	Model	Code
6.4mm	10	QKD54	43577087

1325 PIECES PRO TERMINAL KIT



- Solid, durable metal case
- Crimping Tool with free calibration for perfect crimping every time
- An assortment of 20 popular terminals with individual reorder codes

KBGPRO	43577099

10-PACK END CONNECTORS



Quickcrimp high quality terminals in convenient reusable packs of ten.

- Colour: Clear
- Cable Size: 5mm

Wire Size	Pack Qty	Model	Code
5mm²	10	QKD61	43577090

8GA LARGE RING TERMINAL (PAIR)



Suits Thinner Cable (8GA).

- Hole size: 8.4mm
- Cable hole dia.: 4.8mm
- Length including cover: 42mm
- Metal thickness: 1mm

8-gauge	RT8PK	43577250

PCB MOUNT

PCB MOUNT SCREW TERMINAL

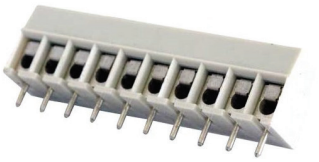


Flame Retarding grey thermoplastic material.

- Tin plated copper alloy contacts
- Rated: 250V @ 6A
- Max. Wire Size: 1.5mm²

2-way	TBL7002	43327002
3-way	TBL7003	43327003

PCB MOUNT SCREW TERMINALS



Flame retarding grey thermoplastic, tin plated copper alloy contacts with tab for wire protection.

- Pin spacing: 5mm (0.1")
- Rated: 250V 6 Amps

4-way	TBL7004	43327004
5-way	TBL7005	43327005
8-way	TBL7008	43327008
10-way	TBL7010	43327010

PCB MOUNT RISING CLAMP TERMINAL



Side keyway for adding extra terminals. In combination with other 2 pole terminals and the 3 pole terminals you can link them to create an infinite number of poles as required.

2-way	TBL8002	43328002
3-way	TBL8003	43328003

BLOCKS & STRIPS

PCB TERMINAL BARRIER STRIPS



- 8mm pin spacing
- Moulded thermoplastic black
- Terminals: Brass nickel plated
- Rated: 300V @ 15A
- Insulation withstand voltage: 1500V AC/1min
- Insulation resistance: 500m @ 500V DC
- 15(H) x 14(D)mm (8.5mm wide per terminal)

4-way	TBA2004	43212004
8-way	TBA2008	43212008

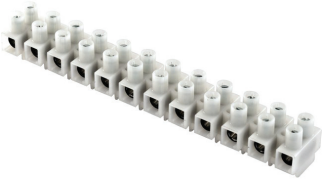
SOLDER TERMINAL BARRIER STRIPS



- Thermoplastic black
- Brass nickel plated
- Rated: 300V @ 15A
- Insulation withstand voltage: 1500V AC/1min
- Insulation resistance: 500m or more @ 500V DC
- 15(H) x 14(D)mm (8.5mm wide per terminal)

4-way	TBA3004	43213004
8-way	TBA3008	43213008

LARGE TERMINAL BLOCK



12-way, large Ø5.5mm cable double entry term.

- Rated: 500V, 30A
- Clamping area: 16mm2
- Body: self extinguishing polyethylene
- Temp Rating 80°C
- Chrome plated steel screws
- Size: 176(W) x 21(H) x 26(D)mm

TBL1301	43321301

SINGLE SCREW TERMINAL BLOCK



Heavy duty insulated screw connectors accommodate a maximum of 2x 6mm² cables, and are made in one and two screw formats, the two screw being for the earth.

- They have a clear plastic housing so that the termination can be visually checked
- Soft plastic housing with no sharp edges for user comfort
- Nominal 32A rating, dependant on conductor loading
- Rated for normal 240/415V applications
- Connectors are supplied in handy screw top jar

TBL2001-EACH	43322001

TWO WAY SCOTCH LOCK TERMINAL



- Gel-filled moisture resistant UY2 insulated butt connector
- Accepts any two-wire combinations of 19 (0.9mm) through 26AWG (0.4mm)
- Maximum insulation O.D. of 2.08mm

TBL3350-EACH	43323350

THREE WAY SCOTCH LOCK TERMINAL



- Gel-filled moisture resistant UR insulated butt connector
- Self-stripping
- For either two or three wire connections
- Accepts 19~26AWG (0.4mm~ 0.9mm)
- Maximum insulation O.D. of 1.52mm

TBL3353-EACH	43323353

24-12 AWG 32A TERMINAL

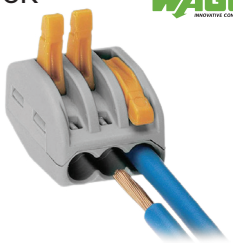


221 Series LEVER-NUTS® Compact Splicing Connector.

- 40% smaller than its predecessor
- The housing is 100% transparent
- Use solid, stranded, and flexible wires up to 12AWG. (4mm²)
- Re-usable

5-pole	221-415	43323394
3-pole	221-413	43323392
2-pole	221-412	43323390

LEVER TERMINAL BLOCK

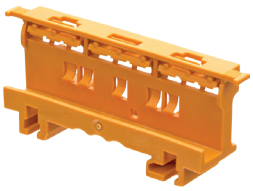


222 Series Compact Lever-Operated Connectors with CAGE CLAMP®.

- Allows combination of different wire sizes up to 28AWG
- Low installed cost and safe operation
- Protection against electrical shock, touch safe
- Built-in test point
- Reusable
- Rated to 400V AC / 32A

2-pole	222-412	43323402
5-pole	222-415	43323405
5-pole	222-415	43323405
DIN rail mount	222-500	43323410

221 SERIES MOUNTING CARRIER



221 mounting carriers provide installation flexibility.

- Horizontal or vertical mounting on DIN-rail or screw on to flat surfaces
- Installation is always tool-free
- Compliant with international VDE standards

221-500	43323396

MINIATURE TERMINAL BLOCK

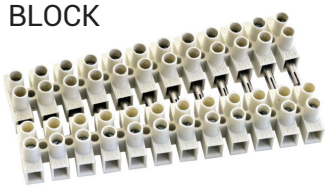


12-way, double entry screwstrip connector.

- Rated: 380V, 6A
- Cable Entry: Ø1.5mm
- Body: Clear plastic
- Temp. Rating: 80°C
- Size: 92(W) x 12(H) x 13.5(D)mm

TBL3517	43323517

MINIATURE TERMINAL BLOCK



Miniature 12-way.

- Rated: 380V, 6A
- Cable entry: Ø1.5mm
- Body: White nylon 6.6
- Temp. Rating: 110°C
- Tunnel Diam.: 2.8mm
- Size: 94(W) x 14.5(H) x 16(D)mm

TBL4001	43324001

STANDARD TERMINAL BLOCK

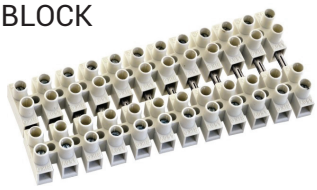


White semi-flexible 12-way, double entry screw strip connector.

- Rated: 380V, 6A
- Cable Entry: Ø3.5mm
- Temp. Rating: 80°C
- Size: 118(W) x 15(H) x 22(D)mm

TBL4017	43324017

SPLIT TERMINAL BLOCK



Medium-duty 12-way.

- Rated: 380V, 15A
- Cable Entry: Ø1.5mm
- Body: White nylon 6.6
- Temp. Rating: 110°C
- Tunnel Dia.: 3.8mm
- Size: 119(W) x 17(H) x 20(D)mm
- Wire Protection

TBL4049	43324049

SELF STRIPPING WIRE SPLICING



Fast way of joining lighting (1.5mm) or power cable (2.5mm).

- Insert cable ends and snap on crimping cover

1.25mm²	RWC1-EACH	43577095
2.0mm²	BWC2-EACH	43577093

SOLDER TERMINAL STRIP

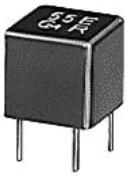


Plated brass lugs with 6mm spacing mounted on 10mm wide bakelite strip.

3-way	1-G-1	TS1185	43701185
5-way	2-G-2	TS1205	43701201
9-way	G-7-G	TS1235	43701233

FILTERS

CERAMIC FILTERS



- Centre Frequency: 455kHz ±1.0kHz
- 6dB Bandwidth: ±4.5kHz min.
- Stop Bandwidth: ±10.0kHz max.
- Stop Band Att: 25dB min.
- Insertion Loss: 6.0dB
- Ripple: 1.5dB
- I/O Impedance: 2000Ω

CFULB455KG1A-B0	07100001

COOLING FANS

DC COOLING FANS



SUNON

The two innovative design concepts of the DR-MagLev (Dust Resistant) development are B&S (Blanked & Seamless) Technology and S&C (Seal & Clip) Design. These innovative designs bring three excellent efficiencies to extend fan life.

- To avoid dust invasion and extend motor life
- To prevent the motor components from falling off
- To prevent oil leakage

Type	Voltage	Power	Speed	Airflow	Noise	Bearing Type	Height	Width	Depth	Model	Code
MagLev/DR	5V DC	0.78W	14,000 rpm	1.5 cfm	20 dBA	VAPO	20	20	10	DC201005DRM	12110592
MagLev	5V DC	0.9W	14,000 rpm	1.5 cfm	20 dBA	VAPO	20	20	10	DC201005	12110590
MagLev/DR	5V DC	1.03W	5,800 rpm	6.5 cfm	28.1 dBA	Sleeve	40	40	10	DC401005DRM	12110597
MagLev/DR	12V DC	0.96W	5,800 rpm	6.6 cfm	26.4 dBA	VAPO	40	40	10	DC401012DRM	12110599
MagLev/DR	12V DC	0.6W	6,200 rpm	7.7 cfm	21 dBA	VAPO	40	40	20	DC402012DRM	12110603
MagLev/DR	12V DC	0.9W	3,900 rpm	18.1 cfm	28.1 dBA	VAPO	60	60	15	DC601512DRM	12110654
MagLev/DR	12V DC	1.1W	2,600 rpm	33 cfm	28 dBA	VAPO	80	80	25	DC802512DRM	12110661
MagLev/DR	12V DC	1.5W	4,500 rpm	23.5 cfm	33.5 dBA	VAPO	60	60	25	DC602512DRM	12110647
MagLev/DR	12V DC	2.0W	3,000 rpm	51.5 cfm	34 dBA	VAPO	92	92	25	DC922512DRM	12110670
MagLev/DR	12V DC	10W	3,100 rpm	138 cfm	48 dBA	Ball	120	120	38	DC1203812DRM	12110682
MagLev/DR	24V DC	5.4W	2,600 rpm	116 cfm	44 dBA	Ball	120	120	38	DC1203824DRM	12110686
MagLev/DR	24V DC	1.8W	3,200 rpm	41 cfm	33 dBA	VAPO	80	80	25	DC802524DRM	12110665
	24V DC	2.1W	4,500 rpm	23.5 cfm	33.5 dBA	Sleeve	60	60	25	DC602524	12110640
MagLev/DR	24V DC	4.32W	4,200 rpm	70 cfm	44 dBA	VAPO	92	92	25	DC922524DRM	12110675

AC COOLING FANS

SUNON



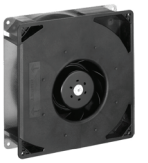
AC Fans are ideal for terminals and their peripherals, office machinery (appliances and copying machines), measuring and scientific instruments, power supplies etc.

- Impedance protected
- Reliable shaded pole motor construction
- Diecast aluminium painted black for moisture & corrosion resistance

Voltage	Power	Speed	Airflow	Noise	Bearing Type	Height	Width	Depth	Model	Code
115V AC	20W	2,750 rpm	87 cfm	45 dBA	Ball	120	120	38	AC12038115	12110714
220-240V AC	19W	2,150 rpm	66 cfm	44 dBA	Ball	120	120	25	AC12025240	12110726
220-240V AC	14W	2,450 rpm	18 cfm	30 dBA	Ball	80	80	25	AC8025240	12110695
220-240V AC	18W	2,400 rpm	24 cfm	32 dBA	Ball	80	80	38	AC8038240	12110690
220-240V AC	14W	2,850 rpm	37 cfm	40 dBA	Ball	92	92	26	AC9225240	12110702
115V AC	18W	2,500 rpm	80 cfm	48 dBA	Ball	120	120	25	AC12025115	12110720
220-240V AC	20W	3,100 rpm	117 cfm	50 dBA	Ball	120	120	38	AC12038240L	12110707
220-240V AC	19W	3,050 rpm	107 cfm	50 dBA	Ball	120	120	38	AC12038240	12110706

12V DC FLATPACK FAN

ebmpapst



- Rating: 12V DC (21W)
- Speed: 2,850 rpm
- Airflow: 123 cfm
- Noise: 6.6dB
- Bearing: Ball
- Dimensions: 220x220x56mm

Voltage	Power	Speed	Airflow	Noise	Bearing Type	Height	Width	Depth	Model	Code
12VDC	21W	2,850 rpm	123 cfm	6.6 dB	Ball	220	220	56	RG160-28/12	12110730

METAL FAN GRILLE / GUARD



Chrome plated metal grille to suit computer fans.

92mm	MG92	12111200
80mm	MG80	12111180
120mm	MG120	12111207
60mm	MG60	12111204

PLASTIC FAN GRILLE



Plastic fan grille to suit computer fans.

120x120mm	PG120	12111208
80x80mm	PG80	12111216

FAN GRILLE FILTER FOR 120MM FAN



Plastic fan guard with filter. Ideal for equipment requiring fan cooling in dusty environments.

	FGFILTER120	12111210

1M 240V AC FAN LEAD



240 Volt AC fan lead, 62.5cm long with 2-Pin socket and bare ends.

	LZ120	12111261

CHEMICALS 432
ADHESIVES 432
CLEANERS 434
LUBRICANT 436
SERVICE 437
SEALANTS 438

SOLDERING 439
SOLDERING IRONS 439
SOLDERING STATIONS 440
GAS 441
DOSS SPARES 442
SCOPE SPARES 443
OKI SPARES 444
WELLER SPARES 444
ATTEN SPARES 446
SOLDER 447
ACCESSORIES 447

REWORK / REPAIR 449
DESOLDERING 449
ACCESSORIES 450

DISPENSERS 450
DISPENSING GUNS 450

ANTI STATIC 450

ADHESIVE & ELECTRICAL TAPES 450
GAFFER TAPE 450
MASKING TAPE 451
DOUBLE SIDED TAPE 452
ELECTRICAL TAPE 452
SAFETY TAPE 452
PACKING TAPE 452

TOOLS 453
ALIGNING 453
ALLEN KEYS 453
CRIMPERS/COMPRESSION 453
CUTTERS 455
DRILLS 456
EXTRACTION 457
FILES & CLEANERS 457
GLUE GUNS 457
HAMMERS 457
HEAT GUNS 457
CABLE TIE GUN 457
INSERTION & PUNCHDOWN 458
INSPECTION TOOLS 458
LASER 458
MARKERS 459
MEASURING 459
PLIERS 460
SAWS, KNIVES & SCISSORS 461
SCREWDRIVERS 462
STRIPPERS 464
CABLE PULLING TOOLS 465
VICES, TWEEZERS & HOOKS 466
WRENCHES & SOCKET SETS 468
SAFETY APPAREL 469

POINT OF SALE 469
BARCODE SCANNER 469

LABEL PRINTERS 469

TOOL KITS 469

STORAGE 471
CABINETS 471
BAGS & CASES 472
BINS & BOXES 474

TEST EQUIPMENT 476
MULTIMETERS - ANALOGUE 476
MULTIMETERS - DIGITAL 477
MULTIMETERS - ACCESSORIES 481
CURRENT CLAMPS 484
PANEL METERS 486
OSCILLOSCOPE 486
SATELLITE 486
TERRESTRIAL 487
APPLIANCE TESTERS 487
INSULATION / RESISTANCE 487
HDMI 488
TELEPHONE 488
LAN 488
TRACER 490
SOUND 493
FIBRE 493
TEMPERATURE 494
VOLTAGE / CONTINUITY 495
PRESSURE 496
CARBON MONOXIDE METER 496
MOISTURE METER 496
LIGHT 496
GAS 496
AUDIO / VIDEO 496

HARDWARE 496

SERVICE

NEW PRODUCTS

AUTO RETRACTING SAFETY KNIFE

Wiss®



Blade retracts automatically the moment it loses contact with the material being cut.

- Helps reduce workplace injuries
- Quick and easy blade change
- Includes three black coated blades

WKAR2 51281037

FATMAX RETRACTABLE BLADE KNIFE

STANLEY



Featuring a blade clamp, soft touch panels, and an ergonomic design.

- Blade wiper removes excess dirt and helps protects knife
- Ergonomic design for ease of use
- Soft touch grips for control
- Pop-up blade dispenser

10-778 51281039

FATMAX UTILITY BLADE 10-PACK

STANLEY



75% longer life, 35% sharper and 20% stronger than traditional Stanley Snap-Off.

- S3 cutting technology makes blade 35% sharper
- Snap resistant up to 35kg
- Induction hardened edge ensures 75% longer life

11-700T 51281041

FATMAX PRO TORPEDO LEVEL

STANLEY



2 rare Earth magnets in base.

- 250mm Heavy-duty Aluminium die-cast body
- Pipe Groove provides maximum adherence to rounded surfaces

43-603 52691015

BUTYL RUBBER SELF-FUSING TAPE

NITTO DENKO



Ideal for sealing, splicing and terminating of wires and cables in any industry.

- Insulation protection
- Corrosion protection
- Size: 19mm x 0.5 x 10m
- Water sealing
- Made in Japan

N015 42452060

20 OZ ANTI SHOCK HAMMER

Plumb



Patent pending anti-vibration shock absorbing technology absorbs shock and minimizes muscle fatigue

- 1-Piece forged solid steel construction for increased durability
- Co-moulded ergonomically designed handle for increased comfort and control
- High lustre, full polished finish
- Featuring magnetic nail starter

SS20CN 50921000

32 POCKET TOOL BAG

CRESCENT



Industrial tough!

- Made from 600 dernier and are tear and weather resistant
- Tough Terylene stitching
- Rivets for extra strength and durability
- Fully tested and guaranteed

CTB32P 53652725

SNAP PLUG COMPACT CRIMP TOOL KIT

3 Innovation



SNAP PLUG Compact Crimp Tool with 10-piece CAT6 Plugs.

- Trim the wire at any time
- Built-in cable cutter and stripper
- Reduce unnecessary errors
- Kit comes with: 1x RJ45 Crimp Tool and 10x CAT6 Snap Plugs

Crimp Tool Kit T10610K 50401563

CHEMICALS

ADHESIVES

18ML CYANOACRYLATE SUPER GLUE

TECH-AD



Liquid Cyanoacrylate Adhesive.

- Adheres in seconds
- Ideal for repairing: glass, metal, plastics, rubber and most non-porous surfaces
- 18ml Bottle

SG9000 07520897

3ML INSTANT SUPER GLUE 5000

MAGIC



General purpose super glue for everyday use.

- Bonds in seconds
- No clamps, no mess
- Will bond metals most plastics, rubber, ceramics, vinyl and most non-porous surfaces
- 3ml Tube

SG5000 07521117

2ML SUPER GLUE PEN

MAGIC



General purpose super glue in a unique applicator which allows the glue out one drop at a time.

- No Drip
- No Clog
- Comes Out One Drop At A Time
- 2ml Tube

SGPEN12 07521121

SUPER STRENGTH ARALDITE

SELLEYS



2-part epoxy waterproof, heat-resisting epoxy resin adhesive.

- For bonding metal, glass, ceramics, porcelain and rubber
- Sets in 6-8 hours at 20°C high bond strength 3 days

Qty	Package	Model	Code
200ml	Tube	ARL200MSS	07524054
24ml	Syringe	ARL24MSS	07524050

5-MINUTE ARALDITE

SELLEYS



2-part 5-minute fast setting epoxy resin adhesive.

- For bonding metal, glass, ceramics, china, rubber and wood
- Sets in 5 minutes / high bond strength in 30 minutes

Qty	Package	Model	Code
200ml	Tube	ARL200M5M	07524078
24ml	Syringe	ARL24M5M	07524070

24ML 5 MINUTE EPOXY GLUE

MAGIC



Transparent, quick setting, non-shrinking & waterproof.

- Superior strength and permanent
- Accurately dispenses resin and hardener
- Bonds: glass, metals, ceramics & wood
- 24ml syringe

EPOXY24 07524082

24ML SUPER STRENGTH EPOXY GLUE

MAGIC



Superior strength, transparent, permanent.

- Sets in 8~10 hours
- Dispenser accurately dispenses resin and hardener
- Bonds: glass, metals, ceramics
- 24ml Syringe

EPOXYSS 07524085

40G KWIK GRIP CONTACT ADHESIVE

SELLEYS



A high strength thixotropic contact adhesive for brush or scraper application without dripping or "stringing".

- Ideal for vertical surfaces
- Used for bonding laminated plastic sheeting, floor tiles, lino & rubber
- 40g Tube

GEL40G 07524440

KWIK GRIP TUBE

SELLEYS



Solvent based contact adhesive bonds with pressure.

- Ideal for use on laminated plastics, rubber, metal, leather, canvas, cork and hardboard

Qty	Package	Model	Code
100ml	Tube	KWIK100	07524544
50ml	Tube	KWIK50	07524536

3ML SUPA GLUE FIX'N'GO

SELLEYS



Fix 'N' Go Bonds in seconds.

- Bonds metal, rubber, plastics and most non-porous surfaces
- No mixing
- No clamps
- Fast curing
- 3ml Tube

SUPA30 07526730

30ML ALL FIX SMALL JOBS

SELLEYS



Super Strong and fast drying.

- Bonds almost everything: Metals, plastics, canvas, timber, crockery, fabric, vinyl & rubber
- Dries clear
- Water resistant
- 30ml Tube
- Will NOT bond Polyethylene or Polypropylene

MG30ML 07527257

8414 PLASTIC ADHESIVE GLUE



ChemTools® 8414 Modified Ethyl Cyanoacrylate Adhesive, specially formulated to bond various plastics such as ABS, Polycarbonate, Styrene, Polypropylene, PVC, Polyester, PET, Bonding vinyl plastics to themselves or to metal. Ideal for Optical goods, Medical devices, Telephones, Cameras, Marine Electronics, Toys, Gift items, O-ring and many more uses.

- Colour: Clear
- 20g Bottle
- Viscosity: 110cps

8414-20G 07527503

8406 WICKING GRADE ADHESIVE



ChemTools® 8406 Wicking Grade Cyanoacrylate Adhesive works on Wood, Metals and is ideal for bonding rubber components on handles, tools, electrical appliances and vehicle doors with window seals.

- Meets Military specification MLLA 46050 Type II Class II
- Colour: Clear
- Low viscosity: 20cps
- 20g Bottle

8406-20G 07527504

8403 LOW ODOUR/ BLOOM ADHESIVE



Used for bonding a variety of plastics, metals and rubbers especially where good cosmetic appearance is required.

- Also used in Cockpit Systems, Door systems, Overhead systems and seating systems
- Colour: Clear
- Viscosity: 1000cps
- 20g Bottle

8403-20G 07527507

250G RETAINING COMPOUND



A fast curing, high strength anaerobic retaining compound for cylindrical joints.

- Applications: High strength, high performance for slip fitted parts
- Size: 250ml

8680-250 07527518

8480 HIGH STRENGTH ADHESIVE



ChemTools® 8480 Toughened Ethyl – High Strength Black Cyanoacrylate Adhesive is designed for Industrial parts manufacturing with an exceptional toughness.

- It resists extreme impact loading and has ten (10) times the toughness of conventional instant adhesives
- Withstands high vibration and thermal cycling (-60°C to +105°C) and humidity
- Ideal for applications requiring extreme environmental resistance
- Colour: Black
- Viscosity: 300cps
- 20g Bottle

8480-20G	07527505	

THREADLOCKER MEDIUM STRENGTH



A fast curing, medium strength anaerobic thread-locking compound for bonding and sealing threads, and retaining of cylindrical parts.

- Ideal for thread locking plated parts, vibration or moving components
- Meets military specifications
- Tolerant of oil and other contamination
- 10g Bottle

8243-10G	07527515	

CLEANERS

DEIONISED WATER 20L



Essential ingredient in hundreds of industrial, medical and domestic applications.

- High purity
- Inexpensive

CTDI20L	07520080	

INDUSTRIAL HAND CLEANER WITH GRIT

CRESCENT



Ideal for really dirty hard-working hands anywhere.

- Contains natural grease cutting eucalyptus oil
- Easily removes oil and grease from hands
- Contains glycerol for moisturising and natural grit to help lift heavy soiling
- Pleasantly scented

5L	Pump-bottle	CHC500	07520092
750ml	Bottle	CHC75	07520090

300G/390MLS ISOPROPYL ALCOHOL



ChemTools® 100% Isopropyl alcohol is powerful general purpose cleaner.

- 300g / 390mls Aerosol pack
- Non-Ozone depleting
- Safe on most plastics
- Excellent tape head cleaner
- Rapidly evaporating
- Zero residue
- Non-corrosive

ISO300	07520102	

BLACK DRUM TAP SUITS 20L DRUM



Bottom drain tap to suit 20 litre chemical drums.

- Black

20LTAP	07520112	

100% ISOPROPYL ALCOHOL



100% pure isopropanol (IPA) is a powerful general purpose cleaner. Excellent for tape head cleaning, removal of fluxes, light oils, polar soils, organic and ionic residues.

- IPA 100% Pure Isopropanol
- Non-ozone depleting
- Safe on most plastics
- Rapidly evaporating
- Zero residue

20L	ISO20L	07520111	
5L	ISO5L	07520109	
750ml	ISO750	07520104	
250ml	ISO250	07520106	

70% PURE ISOPROPYL ALCOHOL



Isopropyl Alcohol.

- 70% pure
- Rapid evaporation
- 5lt Drum

ISO705L	07520115	

500G GLASS CLEANER

CRC



CRC Glass Cleaner is a professional strength foaming formula that acts quickly to remove dirt, grime, grease, finger prints and smoke haze from glass, perspex, plexiglass and mirrors, leaving a streak-free finish.

- Foams quickly to remove dirt, grime, grease, finger prints and smoke haze
- An ideal fixing lubricant for window seals
- Ideal on glass, perspex, plexiglass, mirrors, marble benchtops
- 500g Can

3070CRC	07520121	

CO CONTACT CLEANER

CRC



A technically proven, stable, inert, plastic safe formula. It is a high purity non-staining, cleaning solvent, with rapid evaporation.

- Ideal for cleaning relays, switches, circuit breakers, printed circuit boards and more
- Fast Evaporation. Minimizes downtime associated with "clean-in-place" cleaning methods
- Residue Free: prevents harmful build-up and eliminates rinsing or wiping

350g	2016CRC	07520130
150g	2015CRC	07520129

400G NF CONTACT CLEANER

CRC



Extra strength precision electronic cleaning solvent. May be harmful to some plastics.

- Chemically stable and evaporates rapidly
- No flash point and leaves no residue
- NF Contact Cleaner instantly removes grease, oil, dirt, flux and other contaminants
- Ideal for cleaning relays, switches, circuit breakers, printed circuit boards and more
- 400g Can

2017CRC	07520131	

350G XTR PRECISION CLEANER

CRC



XTR Precision Cleaner is designed for use in electronic and electrical applications. It helps prevent contact failure or malfunction by dissolving and rinsing away contaminants such as grease, oil, dirt and flux. The high purity formula evaporates rapidly and leaves no residue.

- Non-flammable
- No flash point
- Contains no ODP chemicals
- Safe on most plastics
- 350g Can

2027CRC	07520140	

VUPLEX PLASTIC CLEANER & ANTI-STATIC POLISH

VuPlex



Applies a fine coating of wax that acts as a water barrier which also protects the surface from micro scratching.

- Anti-static – repels dust and dirt
- Water beading – rain slides right off
- No harmful ingredients such as abrasives, alcohol or ammonia
- Just spray on and wipe off with a soft cloth

375g	VUPLEX375G	07520152
200g	VUPLEX200G	07520151
50g	VUPLEX50G	07520150

400G AEROCLEAN DEGREASER

CRC



CRC Aeroclean Degreaser delivers a high impact concentrated jet of a unique formulation which combines blended surfactants, detergents and solvents designed to degrease and clean fast. Aeroclean Degreaser is a highly concentrated, self-emulsifying solvent degreaser specially formulated to quickly cut and remove grease, oil and dirt on all types of equipment. Applications:

- Cleaning and degreasing automobile engines
- Industrial equipment
- Farm equipment
- Cleans iron, steel, aluminium, magnesium and copper
- 400g Can

5070CRC	07520204

400G LECTRA CLEAN DEGREASER

CRC



CRC Lectra Clean is a scientifically formulated degreaser that effectively removes grease, oil, wax, dirt and other contaminants from motors, parts and other electrical/ mechanical equipment.

- No Flash Point
- No Fire Point
- Quick drying
- 400g

2018CRC	07520209

400G ELECTRICAL PARTS CLEANER

CRC



A quick drying, non-chlorinated parts cleaner for particular use on heavy electrical equipment.

- Recommended for removing moisture, grease, oil, wax, dirt and other contaminants from motors, parts and other electrical / mechanical equipment
- Good for tools, mechanical brakes, clutches, chains and more
- 400g Can

2019CRC	07520210

275G AIR DUSTER

CRC



- 275g
- Non-Corrosive
- Leaves no residue

2065CRC	07520402

ELECTRICAL CLEANING SOLVENT



ChemTools® CT-ECS Electronic Cleaning Solvent will thoroughly and effectively clean all Electronic Equipment and PCBs to a perfectly dry and residue free surface. Specifically been formulated for use in electronics. This ideal bench-top cleaner provides superior cleaning performance. It quickly penetrates and flushes away grease, dirt, oil, dust and oxidised surface metals.

- Works well on rosin and some no-clean fluxes
- Non-Ozone Depleting
- Stops Corrosion
- Ideal for PCBs, Tape Heads, Business Machines and electronic components
- 230g/350ml

ECS230	07520426

5L ELECTRICAL CLEANING SOLVENT



ChemTools® CT-ECS Electronic Cleaning Solvent will thoroughly and effectively clean all Electronic Equipment and PCBs to a perfectly dry and residue free surface. Specifically been formulated for use in electronics. This ideal bench-top cleaner provides superior cleaning performance. It quickly penetrates and flushes away grease, dirt, oil, dust and oxidised surface metals.

- Works well on rosin and some no-clean fluxes
- Non-Ozone depleting
- Stops Corrosion
- Ideal for PCBs, Tape Heads, Business Machines and electronic components
- 5lt Drum

ECS5L	07520428

350G CONTACT CLEANER



ChemTools® CT-CC Contact Cleaner is a fast drying industrial cleaner that is pure and stable. It is widely used as a cleaning solvent for equipment cleaning.

- Used for cleaning relays, switches, circuit breakers, alarms, printed circuit boards, connectors, generators, contacts, terminal plugs and more
- Non-Corrosive
- Low toxicity
- Leaves no residue
- Fast drying

CTCC350	07520432

DEFLUX-IT G2 FLUX REMOVER



This special solvent based flux remover has the staying power to really attack some of the toughest baked on fluxes, oils and greases. It does not contain CFCs or chlorinated solvents such as trichloroethylene.

- Leaves little or no residue
- Non-Corrosive
- Compatible with most plastics and rubbers
- Flammable
- 300g Can

CT-DFG2	07520452

GENERAL PURPOSE FLUX REMOVER



Provides a unique combination of hydrocarbon solvents and alcohols making it an excellent flux remover. Safe on most plastics and rapidly evaporating, this flux remover offers superior flux removal for type R, RMA, RA, and synthetic fluxes. It can also be used as an all purpose cleaner for the removal of light oils, silicones, waxes, greases, and similar contaminants.

- Non-Ozone depleting
- Safe on most plastics
- Non-Corrosive
- Rapid evaporation
- 300g Can

CT-FRGP	07520447

CIRCUIT BOARD CLEANER



ChemTools® Kleenium circuit board cleaner.

- 300g / 400mls
- Tough on all types of fluxes
- Fast drying
- Non-Corrosive
- Low odour

CBC300	07520460

ANTI-STATIC GLASS CLEANER



Glass and Enclosure - Anti-Static Cleaner, is a non-aerosol, water-based cleaner that removes with out streaking all heavy contaminates.

- Effective static dissipater
- Nonstaining, nonstreaking, and fast-drying
- Leaves Behind Light ESD Coating
- Useful in high sensitivity electronics and EDP operations

Qty	Package	Model	Code
20L	Drum	ASC20	07520495
5L	Bottle	ASC05	07520490
1L	Bottle	ASC01	07520485

300ML STICKY GUM LABEL REMOVER



ChemTools® Label Remover is a unique blend of citrus and hydrocarbon oils designed to soften and quickly release paper based self-adhesive labels and stickers. ChemTools® Label Remover will also dissolve adhesive gums, waxes and some inks. It will also clean and condition rubber rollers and platens.

- Pleasant odour
- Odour: Citrus
- Fast, easy to use
- Allows label to be easily peeled off without rubbing or scratching
- Harmless to most plastics, rubbers and coatings
- 300ml Aerosol Can

CTLR300 07520508

ELECTRICAL CONTACT CLEANER



An industrial performance cleaner for sensitive electrical components.

- Quick drying
- Removes grease, oil, dirt, pigment and other surface impurities
- Suitable for use on all metal surfaces
- 400ml Can

HD150 07520570

ELECTRONIC CONTACT CLEANER



Cleans all types of contacts point, connectors and sensitive electronic component.

- Applications include PC boards, relays, sensors, switches, control panels and contact points

HD390 07520575

FLUX REMOVER AND CLEANER



Quality blend of solvents for removing solder flux and contaminants from electronic circuit boards.

- Recommended for cleaning electrical mechanisms and delicate components
- 175g Can

RF65 07520833

LUBRICANT

450G 2-26 LUBRICANT AND RUST



Displaces and seals out moisture. Prevents corrosion, cleans, lubricates, penetrates. CRC 2.26 is a stable, inert organic formula, especially prepared to prevent and repair electrical failures due to moisture, corrosion, dirt or friction. Contains no silicones. Non-flammable. 6-in-1 product:

- A moisture eliminator – for wet equipment
- A moisture barrier – seals out moisture
- A lubricant – lubricates contacts
- A penetrant – frees rusted or corroded parts
- A protector – protects against corrosion in all electrical equipment
- A cleaner – also acts as a degreaser
- 450g Can

450g 2005CRC 07520162

400G 5-56 LUBRICANT & CLEANER



A multi purpose lubricant that has superior penetrating power that breaks through rust and corrosion while it cleans away scale and dirt.

- Penetrates – Brakes away rust and corrosion
- Preventative maintenance programs
- Environmental shield
- Lubrication of contacts
- Displaces moisture from wet engines
- 400g Can

5005CRC 07520182

400G PENETR8 RUST REMOVER



A high speed penetrant that rapidly frees rusted and corroded fasteners and bound mechanisms. It helps to dissolve rust and corrosion while quickly penetrating.

- Convenient 360° spray valve
- Penetrates further than any of its competitors
- Penetr8 eases disassembly of mechanical equipment
- 400gm Can

5501CRC 07520186

300G MARINE 66 RUST REMOVER



Penetrates and loosens scale, frees frozen parts, cleans lubricates and displaces moisture. A multi purpose compound designed to end damage to marine engines and boating equipment from corrosion.

- Displaces moisture
- Forms a continued non-hardening molecular film
- Protects equipment
- 300g Can

6006CRC 07520190

300G ELECTRICAL SILICON



CRC Electrical Quality Silicone is a high quality multi-purpose formula that lubricates, waterproofs and protects with a thin, clear film that is non-corrosive and non-staining. Some common uses are coin slides, cable splicing knives and nylon mechanisms in electronic equipment.

- Clear, non-staining and odourless
- Resists moisture
- Reduces friction
- Reduces wear
- Reduces noise
- 300g Can

2094CRC 07520231

SOFT SEAL CORROSION INHIBITOR



- Protect against humidity, salt water and salt spray

3013CRC 07520298

400ML PENETRANT AND LUBRICANT



Multi-purpose lubricant for household, office and industries use.

- Works well on metals, rubber, wood, glass, painted surfaces and other substances

HD440 07520550

MULTI PURPOSE SILICONE SPRAY



Formulated to clean, condition and protects tires, hoses, doors, power windows, bumpers etc.

- Lubricates all types of mechanical mechanisms and renew rubber surfaces. Act as water repellent, antistatic and mould release agent

HD200 07520555

300G LUBRICANT SELLEYS



The multi-purpose penetrating spray for household, auto, marine, industrial and building use. Helps start wet engines, protects against rust, eliminates squeaks, loosens nuts and bolts, releases rusted locks.

- 300g Can

RP7 07526173

EZY GLIDE DRY LUBRICANT 150GM

SELLEYS



A dry non-oily lubricant that provides a highly slippery coating to the surfaces it is sprayed on. Dries clear is long lasting, will free sticking windows, drawers, doors, zippers, locks etc.

- 150g Can
- Will not attract dust and dirt

EZYG150 07524318

SERVICE

UV LIGHT PROTECTANT 500ML

CRC



CRC SO EASY Protectant has been specially formulated to renew and protect vinyl, rubber, plastic, leather and wood from the penetration of ultra violet rays. Gives long lasting maximum U.V. protection, penetrating right into the pores of the material helping to form a protective film on and under the surface.

- 500ml Spray Bottle

5041CRC 07520068

330G 808 SILICON SPRAY

CRC



Revives, lubricates, waterproofs and protects. Concentrated formula provides a thin, durable, odourless film that lubricates, waterproofs and protects all metal, plastic, rubber, fabric, wood, and painted surfaces.

- Lubricating, waterproofing
- Restoring, protecting and preserving
- Mould release for plastics, composites, etc.
- Clear, non-staining and odourless
- Resists moisture
- 330g Can

3055CRC 07520117

300G LECTRA SHIELD PROTECTIVE

CRC



CRC lectra Shield is an inhibited coating that forms a transparent amber film that drys to touch in one to two hours. It provides excellent protection through extreme temperature ranges.

- Long term indoor/outdoor corrosion inhibitor for machined surfaces and assemblies
- Displaces moisture and provides a transparent, amber waxy film
- Recommended on motors, shafts, equipment exposed to the elements
- Humidity and Salt Spray Resistant
- Provides for up to 2 years for long-term storage of parts, and equipment and machinery
- 300g Can

2031CRC 07520214

SILVER CONDUCTIVE PEN FOR PCB



1mm track trace width.

- 0.02 Ohm per mm resistivity

NS3033 07520250

350G ZINC-IT METAL CORROSION

CRC



CRC Zinc It is a single component Zinc rich compound with a special epoxy binder and contains over 90% pure zinc. CRC Zinc It is a cold galvanising application that fuses directly to clean iron, or steel surfaces through electrochemical action.

- Metallic zinc coating is universally accepted as the best method of rust prevention
- Contains 93% of the highest purity Zinc in the dried film to give Galvanic Rust prevention
- Flexible continuous protective film
- Average Film Thickness: 50 Microns
- 350g Can

2085CRC 07520273

340G URETHANE SEAL COAT

CRC



CRC Clear Urethane is a stable single component polyurethane coating for electrical and electronic applications.

- Protects components from condensation and moisture
- Protects printed circuit boards
- Insulates cables and wires
- High dielectric strength
- 340g Can

2049CRC 07520247

300G FREEZE SPRAY CRC

CRC



CRC Freeze Spray is a multi-purpose dry coolant for maintenance, trouble shooting and repair. Use Freeze Spray to isolate circuits or components while testing for heat-induced failures.

- Instantly freezes surfaces to -50°C
- Dissipates heat and cools circuits
- Dries instantly without residue
- Plastic safe
- 300g Can

2039CRC 07520290

BATTERY TERMINAL CLEANER

CRC



Penetrates, loosens and neutralises all acid corrosion deposits. CRC Battery Maintenance is an engineered product for the removal of acid corrosion deposits, electrolytes, dirt and moisture from battery terminal.

- Neutralises battery acid and electrolytes
- Helps eliminate energy loss and reduces voltage leakage
- Helps prevent corrosion
- Neutralises dangerous battery acid spills
- 300g Can

5097CRC 07520360

BATTERY TERMINAL PROTECTOR

CRC



Instant protection against battery terminal corrosion. CRC Battery Terminal Protector is specially designed to protect battery terminals from corrosion which is a major cause of hard starting and battery failure. Ideal for marine applications as it is highly resistant to saltwater and salt spray. Dries quickly to a soft film.

- Flexible Film. Completely encapsulates exposed surfaces
- Dry Film. Clings tenaciously to metal
- Resists water wash-off and repels moisture
- Keeps moisture, salts and road grime from corroding metal contacts
- 300g Can

5098CRC 07520365

DEOX R1 LIGHT FILM LUBRICANT

CT



An organic mixture of highly refined mineral oil distillates which displaces water (WD), repels moisture, cleans, penetrates, lubricates, and prevent corrosion.

- Very effective for loosening rusted parts
- Stopping squeaks
- Dissolving grease
- Reducing wear and friction
- Use for general maintenance of machinery and equipment
- Provides protection from salt spray deposits
- 400g Can

CTR1 07520407

ACRYLIC CONFORMAL COATING - 1L

CT



General purpose, economical coating that provides insulation and protection.

- Clear tough protective coating
- Contains UV trace for inspection under UV light
- Resistant to abrasion and staining
- High dielectric

CTACC1L 07520459

400ML ACRYLIC UV+ PROTECTIVE



Economical coating that provides insulation and protection against the environment.

- Clear tough protective coating
- Contains UV trace for inspection under UV light
- Resistant to abrasion and staining
- Resistant to mould growth
- High dielectric

ACC400	07520457

BOTTLE PCB WASH / DE-FLUXING SOLUTION



ChemTools® PCB Wash / Solvent is a specially designed formulation with foam reducing agent for use in ultrasonic baths and free standing batch type dishwasher units. The de-fluxing solution is designed for cleaning PCB's and other materials prior to the plating processes. It provides an extremely clean contaminant free surface for superior bonding. Suitable for static and ultrasonic bath use.

- Cost effective biodegradable cleaning product
- Great appetite for absorbing Flux and oil residues
- Multitude of cleaning functions
- Excellent rinse off properties
- No solvents added
- Safe on most plastics

Qty	Package	Model	Code
5L	Bottle	PCBW5L	07520475
1L	Bottle	PCBW1L	07520470

BUTANE GAS REFILL 200G

Weller



High quality butane gas refill now with special nozzle designed to suit Weller gas irons. Easier and more efficient to use, also saves wasting gas.

- Recommended for use with Weller Pyropens and Weller Portasols
- 200g Can

BT200G	07521892

HEAT TRANSFER COMPOUND



Non-toxic silicone heat transfer compound, in handy to use applicator, exhibits high thermal conductivity, non creep, suitable for use with power diodes, transistors and other devices. Maintains a positive heat sink seal that improves heat transfer from the device to the heat sink chassis, thereby increasing overall efficiency of the heat dissipation.

- Non-toxic, metal oxide filled silicone grease
- High Thermal Conductivity
- Non-Electrically Conductive
- Thermal Conductivity: 0.9 W/mK
- No Creep and Low Bleed Characteristics
- Temperature Range: -100°C to +200°C

Qty	Package	Model	Code
150g	Tube	CTR001SI150	07520862
10cc/20g	Syringe	CTR001SI10	07520860

50G CONDUCTIVE CARBON GREASE



A high temperature (200°C) and electrically conductive grease which lubricates and improves electrical and thermal connections between sliding surfaces, while providing protection from moisture & corrosion.

- Excellent for use on switches and EMI shielding applications
- Its corrosion prevention properties are ideal for long life application
- Prevents normally closed switches from corroding in place
- Improves the connection between irregular or pitted contact surfaces
- Reduces EMI noise by maintaining a continuous path between conductive surfaces
- Electrical resistivity: 117Ω/cm
- 50g Tube

CCG50	07520875

100GM SMOKE IN A CAN SPRAY



Smoke detector tester designed for testing Ionisation and Photoelectric type smoke alarms and detectors.

- Up to 200 sprays
- CFC Free
- 100g Can

LIFLT711	07522000

SEALANTS

1.5M SELF SEALING TAPE BLACK



Create a permanent air-tight, water-tight seal in seconds with this Self-Fusing Silicone Repair Tape.

- No messy cleanup
- Long shelf life
- Resists Fuels, Oils, Acids, Solvents, Salt Water, Road Salt, UV Rays
- Use for leaks on plumbing and hoses, insulating electrical wiring, as shrink wrap, and more!

SST15	05492100

139ML TUBE 732 SILASTIC SILICONE MULTI-SEALANT

DOW CORNING



100% Silicone Rubber with excellent resistance to weathering, vibration, moisture, ozone, ultra-violet, temperature extremes (-65°C to +232°C) and many chemicals.

- Bonds to metal, glass, rubber, painted surfaces, ceramics, non-oily wood, most plastics
- Ideal for pipes, vents, flues, ducting, etc.
- Cures to a durable flexible rubber when exposed to moisture in the air
- Can be used in applications where direct food contact is likely

○	S732WH	07520795
●	S732BL	07520801
	S732CL	07520803

310G SILASTIC CLEAR CARTRIDGE

DOW CORNING



100% Silicone Rubber with excellent resistance to weathering, vibration, moisture, ozone, ultra-violet, temperature extremes (-65°C to +232°C) and many chemicals.

- Bonds to metal, glass, rubber, painted surfaces, ceramics, non-oily wood, most plastics
- Ideal for pipes, vents, flues, ducting, etc.
- Cures to a durable flexible rubber when exposed to moisture in the air
- Can be used in applications where direct food contact is likely
- Clear - 310g Cartridge

S732CLCT	07520808

85ML 738 ELECTRICAL SEALANT

DOW CORNING



Seals electrical connections, PCB's, insulates terminals, leads and splices. 100% silicone rubber. No objectionable odour. Non corrosive by-products.

- Waterproof
- -65°F to 392°F (-54°C to 200°C)
- White - 85g Tube

SL738DC	07520821

300G SILICONE SEALANT TUBE

JONSA



This Foxtel approved silicone sealant is ideal for roofing, gutters and outdoor applications.

- Neutral cure
- Translucent
- Non-Corrosive
- Foxtel Approved: F30892

AMASC	07520830

28G LIQUID ELECTRICAL TAPE



Liquid electrical tape.

- 28g Tube

LET28	07526180

ALL-CLEAR CO-POLYMER SEALANT

SELLEYS



Universal co-polymer sealant, adheres to most building materials, stone, brick, cement etc.

- Works on many wet surfaces
- Gives a long lasting seal
- Mould and mildew resistant
- Paintable

Qty	Package	Model	Code
270g	Cartridge	ALLS270	07526201
90g	Tube	ALLS90	07526190

SOLDERING

SOLDERING IRONS

30W SOLDERING IRON RED

DOSS®



30W 240V AC Soldering Iron.

- Stainless steel barrel
- Ideal for Printed Circuits
- Lightweight
- Great for small jobs, the home handyman and students

ZD401-30	38495012

80W SOLDERING IRON

DOSS®



With Stainless steel outer tube, high grade heater elements, and updated integrated temperature controller.

- Temperature can be set by the regulation button on the handle directly
- Quick temperature rising, accurate controlling, leakage protection design, and beautiful appearance
- Able to protect the PCB and devices when soldering

ZD709-80	38495020

20W SOLDERING IRON

Micron



Professional quality soldering iron with 370°C fixed temperature high efficiency patented heating element.

- Heater output: 20 Watts
- Iron clad, chrome plated, long life interchangeable tips
- Supplied with 1.6mm T2424 tip

T2420	38497805

SUPER SPEED ADJUSTABLE

SCOPE



Maintenance and Repair Iron.

- Wattage: 20W ~ 100W
- Adjustable heat 200° ~ 500°C whilst soldering
- Fast heating, 200°C in 5 seconds
- Requires Scope PSU transformer

SSB	38532032

MINI-SCOPE SOLDERING IRON

SCOPE



For Light to Medium Duty.

- Wattage: 10 ~ 70W
- Adjustable heat 200° ~ 500°C whilst soldering
- Fast heating, 200° in 5 seconds
- Easy owner maintenance
- Requires Scope PSU Transformer

MSB	38532064

12V DC BATTERY SOLDERING IRON

SCOPE



12Volt Iron version of Super Speed with 6 metre lead and battery clips, operates from Car or Tractor batteries.

- Wattage: 30W ~ 150W

HIB	38532080

SOLDERING IRON SCOPE

SCOPE



General purpose. Suited for light electrical parts.

- 240V AC
- Long life plated tip
- Anti-Roll handle
- Stainless steel barrel

40W	MH40	38532086
25W	MH25	38532084

SOLDERING GUN KIT

SCOPE



Scope Maxima Series 8-piece Soldering Kit.

- 25W soldering iron/100W soldering gun
- Soldering helper (Helping Hands)
- Solder wire
- Desolder pump
- Soldering aide
- Extra soldering gun tip
- Stand for soldering iron

SK3000	38571010

30W WOODBURNING & HOBBY KIT

Weller®



15-piece set, including 12 tips, ideal for wood burning, sculpting, adding accents, stencil cutting, pattern transfers, hot knife cutting, embossing and branding. Set contains:

- 6x Woodburning tips
- 3x Branding tips
- Hot knife tip with blade chuck
- Iron stand
- Pattern transfer tip
- Complete project book

WHK30AU	38571220

HOBBY SOLDERING IRON

Weller



Ideal for fine soldering and hobby work such as electronic kits, model railways and jewellery making.

- Fine quality mini iron
- Lightweight and pencil thin
- Replaceable nickel-plated copper tip
- Stainless steel barrel
- Heat and impact resistant handle

80W	Medium	SP80D	38571301
40W	Light	SP40D	38571273
25W	Feather	SP25D	38571256
15W	Light duty	SP15D	38571240

HOBBY SOLDERING IRON

CRESCENT



Soldering iron with replaceable conical tip and a cool grip handle.

- Comes complete with a screwdriver tip and soldering iron stand

80W	N80D	38571360
40W	N40D	38571355
25W	N25D	38571350

SOLDERING IRON

Weller



Weller "closed loop" method of controlling maximum tip temperature protects temperature sensitive components.

- Line voltage high quality portable tool
- Controlled output and temperature
- Stainless steel modular plug-in heater construction
- Nominal heat-up time with CT6E8 tip = 110 seconds

100W	W100D	38571550
60W	W60D	38571501

USB SOLDERING IRON 5V 8W

DOSS



The small tip size allows this unit to operate effectively off limited USB power.

- Quick heating time (<15s)
- Momentary trigger powers unit on
- Long life tip
- Automatically turns off after being left idle
- Protective cap

	ZD20U	38571765

PRO SERIES BATTERY SOLDERING

Weller



The Weller BP860MP is a pro series battery powered cordless soldering iron that delivers either 8 Watts of power on low setting 454°C (850°F) or 11 Watts on high setting 510°C (950°F), giving you the versatility you need to solder everything from microelectronics to small appliances.

- Heats to working temperature in less than 15 seconds
- Slim, conical shape tip is excellent for close-in work
- Convenient cordless operation allow unlimited mobility
- Storage cap with auto power shut-off
- Includes BP10 conical tip, 4 Duracell AA batteries, lead-free solder, tip removal wrench

	BP865MPA	38571557

THERMAL CONTROL SOLDERING IRON

ATTEN INSTRUMENTS



Temperature controllable soldering iron which provides high accuracy constant heat.

- High efficiency of heating to reduce energy consumption
- Temperature Up to 500° make it versatile
- Light, slender and ergonomic designed handpiece for easier work
- Heat and fire resistant handpiece for longer work

	ATSS50	38571825

USB AND 9V SOLDERING IRON



This incredible little device will operate directly off any USB port or 9 Volt battery using the supplied adaptor.

- Professional grade soldering tip
- In-built ultra bright white LED light
- Highly energy efficient
- Easy to use and portable
- Reaches full temperature in about 20 seconds

	T2699A	38571868

SOLDERING STATIONS

48W SOLDERING STATION

DOSS



DOSS soldering stations incorporate a sophisticated electronic circuit which enables the user to change the tip temperature from 160°C (320°F) to 480°C (900°F) without the need to change the tip or the heating element. The temperature is maintained within ±10°F of its preset temperature.

- Digital LED temperature readout which accurately indicates the temperature of the tip
- Professional soldering station 48W (160°C ~ 480°C)
- Set/Read temperature switch
- Accurate digital temperature display
- °C/°F digital display switch
- Soldering Iron: 198mm
- Station: 170(L) x 116(W) x 96(H)mm

Numeric display	ZD929C	38571665

150W DIGITAL SOLDERING STATION

Weller



The Weller Silver Line Series has been developed for electronic experts.

- Temperature range 50°C–550°C
- Electronically controlled tip temperature
- Meets all current requirements of ESD safety
- Temperature control via buttons
- Antistatic housing
- Dimensions: 166(L) x 115(W) x 101(H)mm

	WSD151	38571690

50W TEMPERATURE CONTROLLED

Weller



50 Watts of controlled power ideal for continuous production soldering. This new Weller station features a new heater and sensor design that allows for quick heat-up and recovery. Temperature lockout and tip temperature offset ability come standard, as does an automatic shut off feature that extends tip, iron, and station life.

- Wireless temperature lockout
- Wireless Tip Temperature Calibration
- Quick heat-up and temperature recovery
- Slim, comfortable hand piece
- ESD Safe to protect sensitive components

	WES51D	38571712

TEMPERATURE CONTROLLED STATION

Weller®



A powerful and economical continuous production soldering station, this unit has temperature limit lockout, automatic power-down features, and a digital display to keep you in control.

- Digital readout for accurate temperature control
- Wireless lockout limits maximum temperature
- Pencil uses ET series tips
- Temperature Range: 175°C - 450°C (350°F - 850°F)
- Dimensions: 150x114x91mm
- Designed for continuous production, rework, and repair

WESD51DAU 38571718

80W SOLDERING STATION

Weller®



Completely self contained station and does not require an external calibration module to program. Its extensive menu allows you to access special functions including temperature offset, °F/°C conversion, time and temperature setback, and temperature standby. Operator lockout feature, secured by a 3-digit code, allows you to restrict temperature settings within a pre-determined range.

- Detachable 80W soldering iron with LTB (.094" chisel) tip
- 4-position tilt stand for iron
- Tip-cleaning sponge
- Temperature range= 150°F - 850°F ±9°F
- Meets or exceeds all applicable MIL-STD
- Perfect for the production line where continuous soldering takes place

WD1000 38571724

ESD SOLDERING STATION WITH LCD

DOSS®



ESD safe Soldering station with LCD.

- ESD safe
- Quick heat up
- Temperature control with LCD display

ZD8916ESD 38571730

48W HOBBYIST SOLDERING STATION

DOSS®



No-nonsense, low cost station is specifically intended for the classroom, where durability, physical size and budget are a concern. It is also, perfect for occasional use in the home workshop or tech bench.

- Variable temperature controlled range from 100°C to 450°C
- Variety of replacement tips available

ZD99 38571735

SOLDERING/DESOLDERING STATION

DOSS®



Having one desoldering Iron with absorbing gun and one soldering station in one station, and playing overall rolls with soldering and desoldering function.

- Micro-processor controlled soldering iron and desoldering gun
- Soldering Iron: 60W (heat up rating: 130W), Temp. Range: 160°C~480°C
- Dual LCD display
- PTC heating element
- Desoldering Gun: Vacuum Pressure: 600mm HG, Power: 80W, Temperature: 160°C-480°C

ZD917 38571745

60W SOLDERING STATION

ATTEN® INSTRUMENTS



The adjustable temperature lets you perform all soldering work in the field of electronics with various soft solders (with lead or silver solder).

- Exchangeable Soldering Tip
- The display shows the nominal and the current temperature
- Three programmable buttons can be assigned freely selectable temperature values
- A high-impedance potential equalization socket enables application on MOS components or ESD workstations and protects you from static charge during soldering
- Temperature Range: 150°C - 450°C (302°F - 842°F) ± 1°C
- Output Power: 60W (max.)

AT938D 38571805

GAS

MINI GAS SOLDERING TOOL KIT



A handy gas soldering iron with flame or flameless heat blower function.

- Great for general heating, drying, melting, cutting, soldering, heat shrinking
- Carry case includes 1mm tip, 3mm chisel tip, 5mm angle tip, hot knife tip, 1mm solder hobby pack, cleaning sponge and tray

TH1606 38497885

SOLDERING GAS KIT WITH CRIMPER



Kit comes with Soldering Iron and the following accessories:

- 3mm Desolder braid
- 115mm Stainless steel side cutters
- Wire stripper/ cutter/crimper
- 28-Piece Screwdriver set
- Heatshrink assortment
- Tweezers
- Torch

TS1115 38497887

GAS SOLDERING IRON

iroda



30-70W power range.

- Cap with built-in igniter
- Built-in wire stand
- Window in gas tank for easy monitoring of gas level
- Approximate operating time: 30min (at mid setting)
- Approximate Temperature range: 210°C-400°C

T2595 38498500

MULTIPURPOSE BUTANE GAS TORCH



The MT-810 is perfect as a culinary torch, and its powerful torch-like flame resists the wind.

- Adjustable flame
- Features an on/off switch
- Refillable gas tank
- Flame continues after letting go of trigger

MT810 38498625

PORTASOL GAS SOLDERING IRON

Weller



Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion.

- Tank holds gas for 90 minute operation
- Refills with butane lighter gas
- Flint-spark ignitor in cap
- Develops 454°C (850°F)
- Adjustable temperature control regulates the power
- Power: Equivalent of 10-60 Watts

P1C 38571572

GAS SOLDERING IRON KIT

Weller



The Weller P2KC Portasol® butane cordless soldering tool gives you the ultimate in portable power and convenience. The Portasol® cordless soldering tool is powerful too, adjusting from the equivalent of 25 to 75 Watts for temperatures up to 850°F.

- 3/32" double flat soldering tip
- Flame tip
- Hot knife tip
- Hot air tip
- Hot air deflector tip
- Sponge and tray
- Weller storage case

P2KC 38571575

PORTASOL GAS SOLDERING

Weller



The PSI100K kit contains PSI100 Iron, Sponge, Stand and 2.4mm Double Flat, Hot Blower, 4.8mm double flat, Hot Knife in a Rugged storage case.

- Professional quality Portasol® heat tool
- Butane fuel level is visible through a window on the body
- Operates up to 2 hours per refill
- Temperature is fully adjustable 25-125W
- Maximum temperature of 580°C (1076°F)
- Built-in fuel filter reduces contaminated fuel problems

PSI100K 38571580

GAS SOLDERING IRON

Weller



Butane gas soldering iron and hot air tool.

- Temperature Control: Equivalent of 15-60W
- Housing for soldering tip or hot blow nozzle
- 1 hour (Approx.) between refills
- 30 second heat up
- Butane gas refill nozzle
- Overall length: 210mm
- One hand operation for: self ignition, heat level adjust & press off

WSTA6 38571595

PYROPEN GAS SOLDERING

Weller



Portable soldering iron and hot air tool in deluxe kit.

- Ignites with the push of a button
- Temperature adjusts from 250°C-500°C (482°F-932°F)
- Included tips: 3.0mm/Hot air tip 5.7mm
- Sturdy metal tank holds enough gas for three hours of operation
- Metal carry case with tip tray rest & accessory bag
- 14 soldering tip combinations available
- Ready to use in 30 seconds

WPA2 38571605

PRO GAS SOLDERING IRON KIT

DOSS



3-in-1 soldering iron kit.

- Soldering iron/hot air blower/torch tool
- Approx. 125mins running time
- Butane gas refillable

GSP3K 38571780

2-IN-1 GAS SOLDERING IRON KIT

DOSS



2-in-1 gas soldering kit.

- Soldering iron/ hot air blower
- Butane gas refillable

GS2K 38571782

DOSS SPARES

SPARE TIP FOR ZD709

DOSS



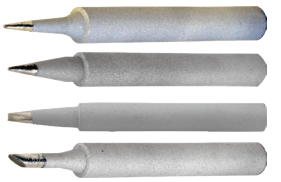
Replacement tip for ZD709 Soldering Iron.

- Ø9.6mm shaft

Conical	ZD709TIP1	38495021
Screwdriver	ZD709TIP2	38495022
Angle	ZD709TIP3	38495023

SPARE DOSS TIPS TO SUIT ZD929

DOSS



These spare tips fit the DOSS ZD series soldering stations.

- Conical, chisel and flat angle options
- Suits ZD929B 40W Soldering station
- Suits ZD929C 48W soldering station with LED display
- Suits ZD931 48W soldering station with LCD display

Ø1mm	Conical	TIP1	38571661
Ø0.8mm	Conical	TIP0.8	38571662
2mm	Chisel	TIP2	38571663
3mm	Flat angle	TIP3	38571664

HEATER TO SUIT ZD929 SERIES

DOSS



Suits the DOSS ZD929 series soldering stations.

- 24V AC Heater Assembly
- Suits ZD929B 40W Soldering station
- ZD929C 48W soldering station with LED display

HEV24V 38571667

BARREL TO SUIT ZD929 SERIES

DOSS



Suits the DOSS ZD929 series soldering stations.

- Tip holder barrel
- Suits ZD929B 40W Soldering station
- ZD929C 48W soldering station with LED display

B100 38571668

SPARE PENCIL FOR ZD929 SERIES

DOSS



Suits the DOSS ZD929 series soldering stations.

- Spare soldering iron with silicon cord
- Suits ZD929B 40W Soldering station
- ZD929C 48W soldering station with LED display

SP929 38571669

SPARE TIP FOR ZD99

DOSS®



Replacement tip for ZD99 Soldering Iron.

- Shaft diameter: Ø4.8mm

Ø1.5mm	Conical	ZD99TIP1	38571736
Ø0.5mm	Conical	ZD99TIP2	38571737
3.0mm	Flat angle	ZD99TIP3	38571738
2mm	Chisel	ZD99TIP4	38571739

SPARE SOLDERING IRON FOR ZD917

DOSS®



Spare soldering iron for ZD917.

- Supplied with N4-1 (1.0mm) Tip

ZD415	38571746	

IRON HEATER FOR ZD415

DOSS®



Spare heater element for ZD415 & ZD917.

- 24V / 48W

ZD415H	38571747

SPARE TIPS FOR ZD415/ZD917

DOSS®



These various tips are designed to suit the DOSS ZD415 and ZD917 soldering stations.

Ø1.0mm	Conical	N4-1	38571748
Ø0.4mm	Conical	N4-2	38571749
3mm	Flat angle	N4-3	38571750
2.0mm	Chisel	N4-4	38571751

DESOLDERING GUN FOR ZD917

DOSS®



Desoldering gun for ZD917.

- Includes N5-1 1.0mm desoldering tip

ZD552	38571752

DESOLDERING HEATING ELEMENT

DOSS®



Spare/replacement heater element for ZD552.

- 80W

ZD552H	38571753

SPARE NOZZLE FOR ZD552 / ZD917

DOSS®



Spare desoldering tip.

- Tip / Nozzle style: Conical

Ø1.0mm	Conical	N5-1	38571754
Ø0.8mm	Conical	N5-2	38571755
Ø1.3mm	Conical	N5-3	38571756

REPLACEMENT PARTS FOR ZD552/917 DESOLDERING GUN

DOSS®



Replacement hose collar	5520	38571759
Replacement spring	5523	38571761
Ø16.8mm filter	5518	38571757
Ø20.8mm filter	5519	38571758

SPARE TIP & HEATER FOR ZD-20U

DOSS®



Replacement mica conical tip.

Spare tip/heater	ZD20UT	38571766

SOLDERING IRON FOR ZD-8916

DOSS®



Replacement soldering iron for ZD-8916.

- 24V 60W
- Blue plastic/ black rubber
- High quality N9-1 tip (0.5mm)
- 6-Pin plug

ZD418	38571770

REPLACEMENT HEATER FOR ZD-418

DOSS®



High quality heater replacement.

- 24V 60W

ZD418HEATER	38571771

SPARE TIPS FOR ZD-8916/418

DOSS®



Replacement soldering iron tips for ZD-8916 & ZD-418.

Ø0.5mm	Conical	N91	38571772
2.0mm	Bevel	N92	38571773
3.0mm	Bevel	N93	38571774
4.0mm	Bevel	N94	38571775
5.0mm	Knife	N95	38571776

SCOPE SPARES

PSU TRANSFORMER

SCOPE



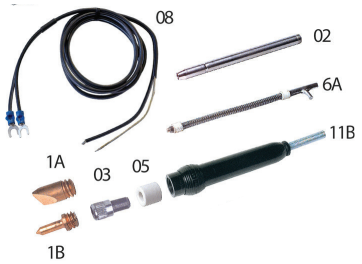
Specially designed transformer with integrated stand suits Scope Super Speed & Mini Scope soldering irons.

- Scope SSB iron & PSU transformer, a handy portable soldering station
- 240V AC to 3.3 Volts

PSU3.3	38532480

SCOPE SOLDERING IRON PARTS

SCOPE



11B handle	SS11B	38532672
6A pushrod assembly	SS6A	38532592
08 flex lead	SS08	38532624
2 replacement barrel	SS2	38532528
5 bead ceramic	SS5-2	38532576
1A standard 6.4mm tip	SS1A	38532496
1B pointed 3.2mm tip	SS1B	38532512
3 carbon element	SS3	38532544

SCOPE MINI SOLDERING IRON



26A push rod assembly	MS26A	38532832
22 barrel	MS22	38532768
34 handle	MS34	38532928
21 copper tip	MS21	38532752
35 centre piece	MS35	38532944
23 carbon element	MS23	38532800

08A FLEX LEAD WITH CLIPS



For HIB iron scope.

	HIB08A	38532946

SPARE MH25 TIPS



Conical tip	MH25ZF	38533052
Screwdriver tip	MH25DF	38533040
Bent 45° screwdriver tip	MH25DFB	38533044
Chisel tip	MH25SF	38533048

SPARE MH40 TIPS



Chisel tip	MH40SF	38533064
Straight screwdriver tip	MH40DF	38533056
Conical tip	MH40ZF	38533068
Bent 45° screwdriver tip	MH40DFB	38533060

OKI SPARES

SPARE BRASS SOLDER TIP CURLS



Solder tip brass curl which is an ideal alternative for a wet sponge

	BC10	38490276

SPARE OKI SOLDER TIP



Spare solder tip to suit OKi TMT2000SK.

14.40 mm	Ø1.0mm	Conical	CP010	38490306
19.00 mm	Ø0.4mm	Conical	BV004	38490320

WELLER SPARES

REPLACEMENT SOLDERING PENCIL



Replacement soldering iron to suit WTCPTD soldering stations.

- Wattage: 42W
- Temperature Range: 600°F / 700°F / 800°F
- Voltage: 24V
- Supplied Tip: PTA7

Post-2000	TC201B	38571402
Pre-2000	TC201	38571401

REPLACEMENT SOLDERING PENCIL



For use with any Weller EC or Silver Series soldering station or any WRS rework station.

- General purpose soldering iron
- ESD safe to protect sensitive components
- Non-burnable silicon rubber cord
- Uses Weller ET and SMT series tips
- Stainless steel plug-in heater element construction

	EC1201A	38571407

SPARE WELLER WD1000 TIPS



2.4mm	Chisel	LTB	38571704
Ø0.2mm	Round	LT1L	38571708
3.2mm	Chisel	LTM	38571711
1.6mm	Chisel	LTA	38571706
0.8mm	Chisel	LTH	38571710
Ø0.25mm	Round	LT1	38571702

FUSE TO SUIT WTCPT



Fuse to suit the WTCPT soldering station.

	TC210	38571653

REPLACEMENT SOLDERING IRON



Slim profile replacement iron.

- Suits: WES50 & WESD50 soldering stations
- Power consumption: 50W
- Complete with standard 1.6mm screw driver tip

	PES50	38571715

2-PACK SOLDERING GUN TIP



Copper plated tips.

- Suits: 8100-PACK gun
- 2-pack

	7135	38573032

SPARE TIP TO SUIT WES51D / WESD51



- Solid copper, plated with iron, nickel and chromium
- Individually packaged
- Provide maximum heat transfer from the heater to the tip

1.6mm	Screwdriver	ETA	38573050
2.4mm	Screwdriver	ETB	38573052
3.2mm	Screwdriver	ETC	38573054
4.7mm	Screwdriver	ETD	38573056
0.8mm	Screwdriver	ETH	38573058
0.8mm	Conical	ETP	38573060
0.8mm	Long conical	ETO	38573064
0.6mm	Conical	ETT	38573066
0.4mm	Long conical	ETS	38573068
1.2mm	Long screwdriver	ETK	38573070

2-PACK TIPS TO SUIT SP25D

Weller®



Marksman® replacement tips.

- 2-pack
- Nickel-plated copper tips are available in a variety of styles

4.0mm	Conical	MT1	38573120
4.0mm	Screwdriver	MT2	38573136
4.0mm	Chisel	MT3	38573152

2-PACK 6MM CHISEL TIP

Weller®



6mm chisel tip.

- Suits: SP40D
- 2-pack
- Marksman® replacement tips
- Nickel-plated copper tips are available in a variety of styles

6.0mm	Chisel	MT10	38573272

TIP TO SUIT SP80D

Weller®



MTG series tips are iron-plated for heavy-duty soldering irons.

- Suits: SP80D
- Marksman® replacement tips
- Sold individually

16mm	Screwdriver	MTG21	38573302
10mm	Screwdriver	MTG20	38573288

HANDLE & LEAD CORD SET

Weller®



Cord set for TC201 with handle.

- Suits: TC201 iron

TC203		38573417

SPARE SOLDER SPONGE WELLER

Weller®



Replacement sponge.

- Suits Weller iron stands

TC205		38573432

SPARE TIP TO SUIT WELLER WTCPTD

Weller®



- Suits: WTCPTD
- Heavy iron plated, precision ground PT series tips
- Provide maximum heat transfer from heater to tip
- Individually carded

1.6mm	Screwdriver (370°C)	PTA7	38573512
1.6mm	Screwdriver (427°C)	PTA8	38573528
1.6mm	Spade (370°C)	PTAA7	38573560
1.6mm	Spade (427°C)	PTAA8	38573576
2.4mm	Spade (370°C)	PTBB7	38573728
2.4mm	Spade (427°C)	PTBB8	38573744
3.2mm	Screwdriver (370°C)	PTC7	38573792
3.2mm	Screwdriver (427°C)	PTC8	38573808
3.2mm	Spade (370°C)	PTCC7	38573910
3.2mm	Spade (427°C)	PTCC8	38573912
0.8mm	Screwdriver (370°C)	PTH7	38574432
0.8mm	Screwdriver (427°C)	PTH8	38574448
1.2mm	Long screwdriver (370°C)	PTK7	38574496
1.2mm	Long screwdriver (427°C)	PTK8	38574512
2.0mm	Long screwdriver (427°C)	PTL8	38574648
0.8mm	Conical (370°C)	PTP7	38574816
0.8mm	Conical (427°C)	PTP8	38574832
0.8mm	Long conical (427°C)	PTO8	38574808

P1C PORTASOL SPARE TIP

Weller®



- Suits: P1C/P1KC
- Temperature range up to 450°C

3.2mm	Spade	T3	38574844
1.0mm	Spade	T1	38574840
2.4mm	Spade	T2	38574842
	Hot blower	T6	38574850

SPARES FOR WPA2 PYROPEN

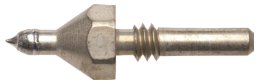
Weller®



Ejector and burner set		9007U	38574874
Burner		9004U	38574865
Piezo igniter		8038U	38574878
Tip housing		8003TH	38574855
Screw-cap		8014	38574876

CHISEL TIP FOR C1C

Weller®



C2		38574834

PIEZO IGNITER FOR WPA2N

Weller®



- Suits Weller WPA2N Pyropen

Piezo igniter		9038UN	38574879

4.9MM HOT AIR NOZZLE WST2

Weller®



4.9mm Hot Air Nozzle.

- Suits: WST2 Junior Pyropen

WHC55		38574892

SPARES FOR WSTA3 PYROPEN

Weller®



Torch ejector	WP71T	38574918
Solder ejector	WP70S	38574940
Barrel & nut	WP72M	38574946

TIPS TO SUIT WSTA6

Weller®



- Suits: WSTA6 Junior Pyropen

1.5mm	Hot blower	WHC0150	38574979
1.0mm	Needle	WPT01	38574974
2.4mm	Spade	WPT02	38574975
2.0mm	Chisel	WPT03	38574976

PYROPEN SPARE TIPS

Weller®



- Suits: WPA2 & WSTA3 Pyropen

0.4mm	Square taper	WPT7	38574962
3.0mm	35° spade	WPT9	38574966
	Offset tapered needle	WPT10	38574968
18mm	Large chisel	WPT11	38574970
3.0mm	Large round	WPT12	38574972
	Taper needle	WPT1	38574950
2.0mm	Chisel	WPT2	38574952
2.0mm	Spade	WPT3	38574954
3.0mm	45° spade	WPT4	38574956
	Taper needle	WPT5	38574958
2.0mm	Micro-spade	WPT6	38574960
2.0mm	35° spade	WPT8	38574964

BURNER EJECTOR FOR WSTA6

Weller®



Ceramic burner ejector.

- Suits: WSTA6 Junior Pyropen

	9107U	38574973

TIP FOR PORTASOL PSI100K

Weller®



- Suits: Portasol PSI100K
- Tips cannot be used with other Portasol® irons

1.0mm	Chisel	PSI1	38574980
2.4mm	Chisel	PSI2	38574982
3.2mm	Chisel	PSI3	38574984
4.8mm	Chisel	PSI4	38574986
1.0mm	Screwdriver	PSI5	38574988
2.4mm	Screwdriver	PSI6	38574990
3.2mm	Screwdriver	PSI7	38574992
4.8mm	Screwdriver	PSI8	38574994
	Hot blower	PSI9	38574996

PORTASOL P2KC TIPS

Weller®



1.0mm	Screwdriver	PPT5	38575032
2.4mm	Screwdriver	PPT6	38575035

SPARE PARTS TO SUIT TC201

Weller®



Switch assembly		SW60D	38575280
Heating element		HE60-24V	38575296
Plug & socket set		TC369A	38575328
Barrel assembly		BA60	38575248

TIP NUT WELLER SUIT W60D

Weller®



KN60A	38575456

TIPS FOR W60D

Weller®



- Solid copper, plated with iron, nickel and chromium, precision ground
- Provides maximum heat transfer from heater to tip
- Individually carded

1.6mm	Spade (370°C)	CT5A7	38575550
4.8mm	Screwdriver (370°C)	CT5D7	38575558

SPARE TIP FOR W100D

Weller®



- Solid copper, plated with iron, nickel and chromium, precision ground
- Provides maximum heat transfer from heater to tip
- Individually carded

9.52mm	Screwdriver (427°C)	CT6F8	38575699
6.35mm	Screwdriver (370°C)	CT6E7	38576000
6.35mm	Screwdriver (427°C)	CT6E8	38575698

COLLECTOR TUBE WITH GASKET

Weller®



Collector tube with gasket.

- Suits: DS650

Collector tube & gaskets		DS103	38576001

WELLER DE-SOLDERING TIPS

Weller®



Suits: DS102, DS650, DS651 & DS1201.

Ø2.39mm	Ø1.16mm	DS113	38576124
Ø3.17mm	Ø1.80mm	DS114	38576132
Ø1.93mm	Ø0.91mm	DS112	38576116

SPARE TIP SUITS WSD151

Weller®



4.7mm	Chisel	LHTD	38576168
3.2mm	Chisel	LHTC	38576165

REPLACEMENT SOLDERING IRON

Weller®



Replacement soldering pencil.

- Suits: WES51D, WESD51DAU
- 24 Volts
- 50 Watts
- Temperature range: 350°F ~ 850°F
- Supplied Tips: ETA

PES51	38576302

ATTEN SPARES

SPARE PENCIL FOR AT938D

ATTEN® INSTRUMENTS



- 5-Pin connector

AT908	38572000

SPARE PENCIL FOR AT937B

ATTEN® INSTRUMENTS



- 7-Pin connector

AT907B	38572001

ATTEN SPARE HEATING ELEMENT

ATTEN® INSTRUMENTS



AT908 / AT938		AT908H	38572014
ATSS50		ATSS50H	38572016
AT907B / AT937		AT907H	38572012

SPARE TIP TO SUIT AT907/908

ATTEN INSTRUMENTS



Spare tip to suit Atten AT907 and AT908.

Fine	Conical	TLB	38572002
1.2mm	Chisel	T1.2D	38572004
2.4mm	Chisel	T2.4D	38572006
3.2mm	Chisel	T3.2D	38572008
		TB	38572010

SOLDER

60/40 SOLDER

Multicore



Ersin Multicore is solder in the form of a continuous wire with 5-cores of extra-active, non-corrosive Ersin flux running throughout its length. This increases its fluxing action. Ersin flux not only removes surface oxides, but prevents them reforming during soldering.

Diameter	Qty	Pb free	Model	Code
Ø0.91mm	500g	No	20500MCS	38411090
Ø1.22mm	500g	No	18500MCS	38411056
Ø0.71mm	500g	No	22500MCS	38411120
Ø0.36mm	250g	No	29250MCS	38411190
Ø1.63mm	250g	No	16250MCS	38410849
Ø1.22mm	250g	No	18250MCS	38411040
Ø0.91mm	250g	No	20250MCS	38411085
Ø0.71mm	250g	No	22250MCS	38411104

1MM SOLDER WIRE

DOSS



Perfect for all general soldering and even thin enough for delicate soldering jobs including circuit boards and thin wire.

- Good solderability, insulation resistance
- No spattering and non-corrosive
- Widely used in electrical and electronics industries and hobbies
- Good for soldering parts like circuit boards, electronic devices and others

Diameter	Qty	Pb free	Model	Code
Ø1.0mm	500g	No	ZD1625A	38411130
Ø1.0mm	250g	No	ZD1624A	38411125
Ø1.0mm	100g	No	ZD1623A	38411121
Ø1.0mm	20g	No	ZD1613A	38411622
Ø1.0mm	10g	No	ZD1601A	38411620

LEAD FREE SOLDER WIRE

DOSS



Perfect for all general soldering and even thin enough for delicate soldering jobs including circuit boards and thin wire.

- Good solderability, insulation resistance
- No spattering and non-corrosive
- Widely used in electrical and electronics industries and hobbies
- Good for soldering parts like circuit boards, electronic devices and others

Diameter	Qty	Pb free	Model	Code
Ø1.0mm	500g	Yes	ZD1625B	38411145
Ø1.0mm	250g	Yes	ZD1624B	38411140
Ø1.0mm	100g	Yes	ZD1623B	38411135

LEAD-FREE SOLDER

Multicore



Multicore has the knowledge – not to mention our wide range of RoHS-compliant and transitional products – to help you meet all incoming rules on lead and other hazardous materials such as halides, without compromising the all-important metrics: turnaround, yield, cost, quality.

- 99.3% Tin / 0.7% Copper
- 5-Core 511 Crystal Flux
- Designed for very high level of activity
- Good spread on Copper, Brass & Nickel
- Melting Point: 227°C
- Heat Stable, Low Spitting, Mild Odour

Diameter	Qty	Pb free	Model	Code
Ø0.71mm	500g	Yes	LF0.71-500G	38411330
Ø1.22mm	500g	Yes	LF1.22-500G	38411335
Ø1.6mm	500g	Yes	LF1.6-500G	38411340
Ø0.56mm	250g	Yes	LF0.56-250G	38411325

1MM LEAD FREE SOLDER WIRE

DOSS



High Quality Rosin Core Lead-Free Solder.

- 99.3% tin (Sn) and 0.7% Copper (Cu)
- Wire diameter: 1mm
- Flux 2.2%
- Comes in a convenient to carry pocket vial

Diameter	Qty	Pb free	Model	Code
Ø1.0mm	20g	Yes	ZD1613B	38411632
Ø1.0mm	10g	Yes	ZD1601B	38411630

SN100C SERIES LEAD-FREE SOLDER

NIHON SUPERIOR



Leading electronics manufacturers throughout the world have used SN100C with outstanding results. To date, millions of circuit boards have been assembled with the SN100C family of solders in all types of products. Many of the devices soldered with SN100C already have been in use for several years.

- Shiny Lead Free Solder Joints
- Less Tip Carbonizing
- Less Flux Spatter
- Less Cracking of Flux Residue
- Fast Soldering
- Fast Melting
- Good Spread
- Less Shrinkage Defect, Reduced Copper Erosion, and Stable Intermetallic Layer
- Substantial cost advantage

Diameter	Qty	Pb free	Model	Code
Ø0.4mm	500g	Yes	LF0.4SN100C.5K	38411405
Ø0.6mm	500g	Yes	LF0.6SN100C.5K	38411410
Ø0.8mm	500g	Yes	LF0.8SN100C.5K	38411415
Ø1.0mm	500g	Yes	LF1.0SN100C.5K	38411420
Ø1.2mm	500g	Yes	LF1.2SN100C.5K	38411425
Ø1.6mm	500g	Yes	LF1.6SN100C.5K	38411430
Ø2.0mm	500g	Yes	LF2.0SN100C.5K	38411435

0.71MM 15G SOLDER HOBBY PACK

DURATECH



- Rosin Core
- Alloy: 60% Tin, 40% Lead
- Flux: 2.2%

Diameter	Qty	Pb free	Model	Code
Ø0.71mm	15g	No	NS3008	38411610

ACCESSORIES

15ML NO CLEAN SOLDER FLUX

CT

A resin free, halide free, wave solder flux designed to enhance wetting and prevent bridging.

- 15ml brush bottle
- Resin and Halide Free
- Very Good Wetting
- Reduces Bridging
- Solids content: 3.5%
- Flux density: .80 ± .01
- Acid number: 19.4mg KOH/GRAM ± .5



X3308I	38410005

5L ALCOHOL BASED NO CLEAN FLUX



ChemTools® alcohol based no clean flux.

- Fast Wetting for SN100C and SAC alloys
- Halide-Free - Low Post Process Residues
- Lead-Free and Tin-Lead Compatible
- Meets Bellcore and IPC requirements

264-5-5L 38410007

15ML RMA SOLDER FLUX BOTTLE



A stable RMA liquid flux supplied in a convenient 15ml brush bottle for ease of application. The flux is an amber colour liquid and ideal for use with multi-layer, surface mount, densely populated and complex boards.

- 15ml brush bottle
- Faster throughput, fewer defects, less touch-up
- Ideal for single and double sided PTH boards, multilayer and bottom-side SMD application
- Rosin Mildly Activated (RMA)
- Excellent Rework flux

MFR301 38410010

10G MINI FLUXER / FLUX PEN



Ideal for surface mount work and rework, the Chemtools flux pen makes touching up circuit boards a breeze. Supplied in a pen for easy application, simply depress the tip to start the flow of flux. Contains professional NC264-5 “low clean” non aggressive flux thereby eliminating the need to clean the circuit board after use.

- 10ml pen
- Resin and Halide Free
- Very Good Wetting
- Reduces Bridging
- Wide Process Window

MFP1 38410016

10G FLUX GEL TUBE / SYRINGE



This paste flux is a mildly activated, resin-based formulation developed to offer a broad process window and pin-probeable residues. The superior wetting ability of NC254 results in bright, smooth, shiny, solder joints.

- 10g gel tube/syringe
- Pin probe testable residues
- Reduces voiding
- Excellent wetting
- Aqueous clean with saponifier

FG100 38410040

10CC SOLDER PASTE TUBE/SYRINGE



Ideal for surface mount work and rework, solder paste provides a quick and easy soldering solution. Supplied in a syringe for easy application, simply apply it to the soldering pads, put your components in place, and heat it with your soldering iron. It eliminates the need for the clumsy use of typical resin core solder with fine circuits.

- 30g Tube/Syringe
- Composition: 63% tin, 37% lead
- Broad printing process window
- Excellent wetting
- Clear, pin-probe testable residues
- Reduces voiding under micro-bga’s
- 24 Hour stencil life

SP100 38410090

200ML RMA SOLDER FLUX BOTTLE



A stable RMA liquid flux supplied in a convenient 200ml bottle for bulk storage and ease of application. The flux is an amber colour liquid and ideal for use with multi layer, surface mount, densely populated and complex boards.

- 200ml bottle
- Faster throughput, fewer defects, less touch-up
- Residues are easily removed
- Ideal for single and double sided PTH boards, multilayer and bottom-side SMD applications
- Excellent Rework flux
- Best PTH capillary wetting, especially on Multilayer boards

RMA200 38410030

15GM TIP TINNER / CLEANER



The MC751T is a speedy and effective product for cleaning & re-tinning de-wetted soldering iron tips that cannot be re-tinned by sponges, pads or rosin cored solder wire. Multicore TTC-LF is a small block of electronics grade lead free solder powder and flux compacted into the shape of a thick disc.

- 15g metal container
- Self-adhesive pad on the container underside

MC751T 38411309

20GM TIP TINNER / CLEANER



TC2 Tip Tinner / Cleaner provides a fast efficient cleaning and retinning of blackened and highly oxidised soldering tips safely and efficiently.

- High Strength
- Lead free (RoHS Compliant)
- No-Clean compatible formulation
- Extends tip life
- Minimal residues
- Rapidly re-tins badly oxidised soldering iron tips

TC2 38411318

MINI SOLDERING IRON STAND



Made of heat-resistant material.

- Brass wire cleaning ball

ZD10W 38615200

SOLDERING TIP CLEANING BALL



- Brass wire cleaning ball
- No need for water
- Value for money
- Made of heat-resistant material

ZD10CB 38615202

SOLDERING IRON STAND



- Compact and convenient universal metal based iron holder complete with sponge
- Easy to assemble and disassemble
- Double safety spring holder with insulated soldering iron ferrule

08-362 38615793

REWORK / REPAIR

DESOLDERING

DESOLDERING TIP FOR SC7000Z



Ø0.8mm	SC0.8MM	38492219
Ø1.0mm	SC1.0MM	38492235
Ø1.5mm	SC1.5MM	38492251

PURE COPPER DESOLDERING WIRE

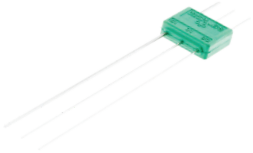
DOSS®



- 1.5m length quality desoldering wire roll
- Pure copper braid construction
- Quickly and thoroughly remove solder
- Excellent thermal for faster and safer desoldering
- Responds up to 50% faster than conventional braids

Width	Length	Model	Code
1.0mm	1.5m	ZD1801	38492255
1.5mm	1.5m	ZD1802	38492258
2.0mm	1.5m	ZD1803	38492260
2.5mm	1.5m	ZD1804	38492262
3.0mm	1.5m	ZD1805	38492264

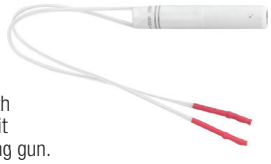
CLEANING PIN FOR SC7000Z



Cleaning pin to suit SC5000/7000 desoldering guns.

70-51-00 38492379

HEATER ELEMENT ASSEMBLY



Heater Assembly with insulation tube to suit SC7000Z desoldering gun.

70-06-50 38492568

DESOLDERING PUMP

DOSS®



- Shaft protection
- One-touch simple dismantle system
- Powerful spring
- High-air tight ring
- Nozzle cleaning shaft
- Heat resistant Teflon nozzle

ZD193 38613920

FILTER CARTRIDGE SET (PK5)



5-pack filter cartridge set to suit SC7000Z desoldering gun.

70-08-00 38492584

SOLDER REMOVING NOZZLE

SCOPE



Teflon tip for SR10.

SR10N 38614017

ANTI-STATIC DESOLDERING TIP

EDSYN®



Low Static tip for DS017LS.

LS197 38614515

DESOLDERING PUMP ANTI-STATIC

EDSYN®



Low anti-static model.

- Heavy-duty Spring loaded tool with simple push button trigger
- High suction due to large suction chamber
- Easy one hand loading, and suction activation
- Self cleaning, replaceable, Teflon low static tip
- Size: Overall length: 300mm x 40mmØ

DS017LS 38614510

1.5M SODER-WICK DESOLDERING BRAID

TWChemtronics



- In convenient plastic dispenser
- New finer braid for faster action, prevents component damage
- Holds more solder
- Ideal for low temperature, low wattage irons

	Width	Length	Size	Model	Code
●	2.8mm	1.5m	#4	80-4-5	38616024
●	1.9mm	1.5m	#3	80-3-5	38616016
○	0.9mm	1.5m	#1	80-1-5	38616001
●	1.5mm	1.5m	#2	80-2-5	38616008

2M SOLDER WICK IN DISPENSER

GOOTWICK



- Avoid burnt fingers with wind back dispenser
- Heat resistant metal nozzle locates tape positively on components

Width	Length	Model	Code
2.0mm	2.0m	SB2	38615795
3.0mm	2.0m	SB3	38615801

1.5M NO-CLEAN SODER-WICK DESOLDERING BRAID

CT



ChemTools® wick products are made using ultra fine, oxide-free copper braided into a weave configuration which maximizes thermal conduction and solder retention.

- Ideal for medium temperature, medium wattage irons

	Width	Length	Size	Model	Code
●	3.0mm	1.5m	#5	SWNC5S	38616036
●	2.5mm	1.5m	#4	SWNC4S	38616028
○	0.8mm	1.5m	#1	SWNC1S	38616004
●	1.5mm	1.5m	#2	SWNC2S	38616012
●	2.2mm	1.5m	#3	SWNC3S	38616020

7.5M SODER-WICK DESOLDERING BRAID

TWChemtronics



- Finer braid for faster action
- Leaves less flux & residue

	Width	Length	Size	Model	Code
●	2.8mm	7.5m	#4	50-4-25	38616065
○	0.9mm	7.5m	#1	50-1-25	38616050
●	1.5mm	7.5m	#2	50-2-25	38616055
●	1.9mm	7.5m	#3	50-3-25	38616060

7.5M NO-CLEAN SODER-WICK DESOLDERING BRAID

CT



- Ultra fine, oxide-free copper braid
- Leaves less flux & residue
- Requires little to no post solder cleaning

	Width	Length	Size	Model	Code
●	3.0mm	7.5m	#5	SWNC5L	38616090
●	2.5mm	7.5m	#4	SWNC4L	38616085
○	0.8mm	7.5m	#1	SWNC1L	38616070
●	1.5mm	7.5m	#2	SWNC2L	38616075

ACCESSORIES

80 WATT SOLDERING PENCIL/IRON

Weller



80 Watt soldering pencil with short tip-to-grip compatible with WD1 and WD2 Soldering Stations, and WRS Rework Stations.

- Short tip-to-grip (40mm)
- Perfect for Lead Free solder
- ESD safe to protect sensitive components
- RoHS & WEEE Compliant
- Spare element NOT available (sealed to handle)

WP80 38492655

80 WATT SOLDERING PENCIL/IRON

Weller



WP80 80 Watt soldering pencil + WDH10 stand kit - compatible with WD1 and WD2 Soldering Stations, and WRS Rework Stations.

- Short tip-to-grip (40mm)
- Perfect for Lead Free solder
- Barrel can be exchanged with optional longer version to work at standard length (65 mm)
- ESD safe to protect sensitive components
- RoHS & WEEE Compliant

WP80SET 38492656

65 WATT MICRO SOLDERING PENCIL

Weller



WMP65 65 Watt micro soldering pencil + WDH20 stand kit.

- Perfect for Lead Free solder
- RoHS & WEEE Compliant
- ESD safe to protect sensitive components

WMPSET 38492660

150-450° DESOLDER TWEEZER

Weller



The WTA-50 tweezers can be used with all Weller Temtronic/SL series stations.

- Dual heating elements with independent temp. sensors provide the tips with constant temp
- Temperature range 150°C - 450°C
- Output 2x 25W
- Supplied with hex key and WT1 tip
- RoHS & WEEE Compliant
- AK51 Support

WTA50SET 38492665

80 WATT DESOLDERING PENCIL

Weller



80 Watt Desoldering pencil.

- Temperature range 50°C - 450°C
- RoHS & WEEE Compliant
- Suitable for use with DSX series tiplets

DSX80 38492670

100 WATT HOT AIR PENCIL KIT

Weller



100 Watt HAP1 Hot Air Pencil & support. For both soldering and desoldering of SMD's.

- Temperature range 50°C - 550°C
- Power absorption 100W
- HAP1 hot air pencil
- KH27 support
- 1.2mm nozzle
- Xcelite Nutdriver P8 MM
- RoHS & WEEE Compliant

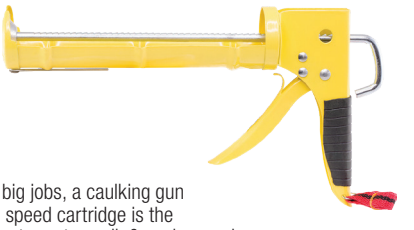
HAP1SET 38492675

DISPENSERS

DISPENSING GUNS

HEAVY DUTY CAULKING GUN

MEDALIST TheReliableChoice



For big jobs, a caulking gun and speed cartridge is the fastest way to caulk & seal around the home, factory or office. Simply fit the cartridge into holder, rotate the plunger, trigger and ratchet mechanism delivers the correct amount of sealant or glue required.

- Suits all standard cartridges

CG01 07524206

ANTI STATIC

ANTI STATIC WRIST STRAP

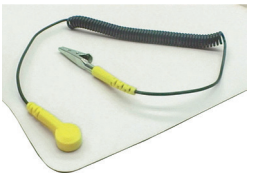
Provides a permanent path to ground preventing unsafe voltage levels being generated during ordinary work related movements.



AWS32R 40082017

ANTI STATIC MAT 55 X 30CM

Large 55 x 30cm size will allow you to work on static sensitive items while protecting components from static damage.



T4020 40082020

ADHESIVE & ELECTRICAL TAPES

GAFFER TAPE

50MM X 50M ROLL GAFFER TAPE

CableSafe Systems



- Polyethylene coated cloth duct tape
- Tear and water resistant
- Rubber-resin blend adhesive

●	50m	CSG2B	42451820
○	50m	CSG2W	42451825

25M X 48MM HAZARD CLOTH TAPE

stylus



Waterproof grade, hand tearable cloth with aggressive grab, yet removable.

- Suitable for temporary repairs and hazard warnings
- Width: 48mm
- Roll: 25m

Size	Length	Model	Code
48mm	25m	210HCT-25	42451990

GAFFER TAPE

stylus



General purpose retail cloth tape suitable for variety of bundling & sealing applications.

Size	Length	Model	Code
48mm	40m	357GTB-40	42452001
48mm	40m	357GTW-40	42452002
48mm	40m	357GTS-40	42452003
48mm	10m	357A-10	42452004

COLOURED GAFFER TAPE

stylus



General purpose retail cloth tape suitable for variety of bundling & sealing applications.

- Sold individually or in a 18-pack mixed box of assorted colours
- Available in a range of colours

Size	Length	Model	Code
48mm	4.5m	361GT4.5-BLK	42452006
48mm	4.5m	361GT4.5-WHT	42452007
48mm	4.5m	361GT4.5-SIL	42452008
48mm	4.5m	361GT4.5-RED	42452009
48mm	4.5m	361GT4.5-YEL	42452011
48mm	4.5m	361GT4.5-BLU	42452012

18-PACK ASSORTED GAFFER TAPE

stylus



General purpose retail cloth tape suitable for variety of bundling & sealing applications.

- Width: 48mm
- Length: 4.5m per roll
- 18-pack mixed box of assorted colours

Size	Length	Model	Code
48mm	4.5m	360A-24MIX	42452014

NEON COLOURED CLOTH GAFFER TAPE

stylus



Neon coated cloth duct tape coloured with a natural rubber-resin blend adhesive system.

Size	Length	Model	Code
48mm	45m	NCT48G	42452092
48mm	45m	NCT48Y	42452095
48mm	45m	NCT48O	42452098
48mm	45m	NCT48P	42452101
24mm	45m	NCT24G	42452080
24mm	45m	NCT24Y	42452083
24mm	45m	NCT24O	42452086
24mm	45m	NCT24P	42452089

MASKING TAPE

24MM X 50M PAINT MASKING TAPE

NITTO DENKO



General masking tape.

- Colour: Yellow
- Size: 24mm x 50m
- Thickness: 0.09mm
- Adhesive strength: 180 degree

7288	07526460

3-DAY HEAVY-DUTY MASKING TAPE

hyStik adhesive tapes



3-Day Heavy-duty grade masking tape for professional tradesman & DIY painting applications. Can be used internally & externally. Ideal tape for sticking to brick, carpet, cement render, stucco up to 3 days. Can be used with all cured water-base & solvent base paints as well as stains & lacquers. Excellent clean edge separation & removes cleanly from most surfaces.

- Can be used on water base paints and solvent base paints
- Type: 3 Day Heavy-duty Painters Masking Tape
- Length: 55m
- UV Resistant: No
- Working Temp Range: 0°C - 90°C

Size	Length	Model	Code
48mm	55m	833MT48	07526422
24mm	55m	833MT24	07526418
18mm	55m	833MT18	07526416

GENERAL PURPOSE MASKING TAPE

hyStik adhesive tapes



1 Day General Purpose Masking Tape for professional tradesman & DIY painting applications. Can be used internally & externally. Ideal tape for general day to day masking applications. Good clean edge separation & removes cleanly from most surfaces.

- Can be used on water base paints and solvent base paints
- Type: 1-day general purpose
- Length: 55m
- UV Resistant: No
- Working Temp Range: 10°C - 38°C

Size	Length	Model	Code
48mm	55m	805MT48	07526406
18mm	55m	805MT18	07526400

14-DAY OUTDOOR MASKING TAPE

hyStik adhesive tapes



Outdoor masking tape for professional tradesman & DIY painting applications. Weatherproof & UV resistant, can be used internally & externally. Ideal tape for applications that require long life masking up to 14 days. Excellent clean edge separation & removes cleanly from most surfaces.

- Can be used on water base paints and solvent base paints
- Type: 14 Day External UV Resistant Masking Tape
- Length: 55m
- UV Resistant: Yes
- Working Temp Range: 10°C - 90°C

Size	Length	Model	Code
48mm	55m	835MT48	07526438
36mm	55m	835MT36	07526436
24mm	55m	835MT24	07526434

DOUBLE SIDED TAPE

THICK DOUBLE-SIDED FOAM TAPE

stylus



Double sided closed cell polyethylene foam for permanent bonding applications of light to medium weight substrates internally.

- Ideally suited for mirror mounting & electrical conduits

Size	Length	Model	Code
0.8 x 18mm	66m	2132-18	42452205
0.8 x 12mm	66m	2132-12	42452200
1.5 x 18mm	33m	2116-18	42452220
3.2 x 24mm	16.5m	2108-24	42452240
3.2 x 18mm	16.5m	2108-18	42452235
1.5 x 12mm	33m	2116-12	42452215
3.2 x 12mm	16.5m	2108-12	42452230

18MM X 2.6M DOUBLE SIDED TAPE

MEDALIST



General purpose double-sided adhesive tape for mounting. Conforms to a variety of surfaces.

- Width: 18mm
- Length: 2.6m

Size	Length	Model	Code
18mm	2.6m	07096	07526660

ELECTRICAL TAPE

20M PVC ELECTRICAL TAPE

NITTO DENKO



Very high quality, flexible PVC tape with uniform adhesive coating. Environmentally friendly, lead-free type vinyl tape for electrical insulation.

- Offers excellent electrical insulation
- Properties do not deteriorate after using, so it continues to provide reliable insulation
- Excellent in low-temperature resistance
- Thickness 0.2mm
- Width: 19mm
- Roll Length: 20m

Size	Length	Model	Code
19mm	20m	PT21BLK	42450334
19mm	20m	PT21WHI	42450335
19mm	20m	PT21BLU	42450336
19mm	20m	PT21YEL	42450337
19mm	20m	PT21RED	42450338
19mm	20m	PT21GRN	42450339
19mm	20m	PT21GRN/YEL	42450340

GREY 20M NITTO TAPE

NITTO DENKO



20 Metre Rolls of very high quality, flexible PVC tape with uniform adhesive coating. Environmentally friendly, lead-free type vinyl tape for electrical insulation.

- Offers excellent electrical insulation
- Properties do not deteriorate after using, so it continues to provide reliable insulation
- Thickness 0.2mm
- Width: 19mm
- Colour: Grey
- Length: 20m

		Model	Code
		PT21GRY	42450341

SILVER PVC DUCT TAPE

stylus



Silver heavy-duty PVC tape, ideal for larger jobs where standard PVC tape is inadequate.

- For sealing ducts, general repairing and more
- Width: 48mm
- Length: 30m

Size	Length	Model	Code
48mm	30m	550-13	42452015

UV RATED DUCT TAPE PVC GREY

AZTEC



UV rated PVC Duct Tape.

- 50mm wide, 0.13mm thick
- Roll length: 30m
- Colour: Grey

		Model	Code
		AZTDUC50G	42452020

3M SELF-AMALGAMATING SILICON TAPE

Nashua



General purpose silicone repair tape suitable for creating a permanent, watertight seal. May be applied in wet conditions, is chemical & UV resistant & removes cleanly leaving behind no sticky residue.

- Unique self fusing (bonds to self) sealing tape that has no chemical bonding agent and therefore leaves behind no "sticky" residue once removed
- Easy to apply - Hand tearable (no cutting required)
- Is resistant to most solvents and cleaners
- UV stable and will not rot or become brittle
- May be applied in wet conditions
- A single strip can be reused multiple times as it retains its elasticity
- Colours available: Translucent & Black

		Model	Code
	3m	386SSB	42452050
	3.04m	386SSC	42452055

SAFETY TAPE

YELLOW & BLACK ANTI SLIP TAPE

stylus



Durable tape coated with long aging adhesive designed to reduce the chance of slipping on surfaces around the workplace, warehouse or home such as stairs, entrance & exit areas.

- Colour: Yellow / Black Hazard Stripe
- Width: 50mm
- Length: 18m
- Approval: AS/NZS 4586:2004
- Appendix D: OIL-WET Ramp, Class R13

Size	Length	Model	Code
50mm	18m	2660YB-18	42451900

BLACK & GLOW ANTI-SLIP TAPE

stylus



Durable tape coated with long aging adhesive designed to reduce the chance of slipping on surfaces around the workplace, warehouse or home such as stairs, entrance & exit areas.

- Colour: Black with Night Glow Strip
- Width: 50mm
- Length: 18m
- Approval: AS/NZS 4586:2004
- Appendix D: OIL-WET Ramp, Class R13

Size	Length	Model	Code
50mm	18m	2660BG-18	42451910

FRAGILE TAPE 455 (ORANGE)



- Economical roll to get your message noticed
- Fluoro orange tape with bold black "FRAGILE" text

		Model	Code
		FRAGILE	42452105

PACKING TAPE

PACKING TAPE CLEAR VIBAC

stylus



Clear polypropylene tape with rubber solvent adhesive designed for heavy duty packing.

- Width: 50mm
- Length: 75m
- Thickness: 30 micron

Size	Length	Model	Code
50mm	75m	PP30	42452030

PACKING TAPE DISPENSER

stylus



High quality pistol grip dispenser.

- Heavy-duty construction designed for every day use
- Note: Tape is not supplied with the dispenser

TD11	42452035

TOOLS

ALIGNING

ALIGNMENT SET



For the electronics technician, a complete set of alignment and adjustment tools for the television, stereo/radio or CB.

- Each tool has multi uses with two functional ends
- Screw driver tips to align cores that require flat-bladed, hex, or square trimming tools

08-606	50080985

ALLEN KEYS

METRIC ALLEN KEYS



10-Piece Allen key set on ring.

- Keys attached to ring by spiral springs
- Individual keys can easily be removed & reattached
- Available in: Metric Set: 1.5, 2.0, 2.5, 3.0, 4.0, 5.5, 6.0, 8.0, & 10mm
- Available in: SAE Set: 1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, & 3/8-inch

08233K	50161032

9-PIECE METRIC HEX KEY SET

CRESCENT



9-Piece nylon folding hex key wrench set.

- 1.5, 2, 2.5, 3, 3.5, 4, 5, 5.5, 6 mm
- High quality, durable construction

CHKM9	50161037

9-PIECE IMPERIAL HEX KEY SET

CRESCENT



9-Piece nylon folding hex key wrench set.

- 1/16, 5/64, 3/32, 7/64, 1/8, 5/32, 3/16, 7/32, 1/4-inch
- High quality, durable construction

CHKI9	50161040

CRIMPERS/COMPRESSION

COAX HEX CRIMP TOOL

TOOLS



Heavy-duty manual hex crimper.

- Reliable operation, non-adjustable type with solid head

225mm	RG6 / 59	HT106H	50401450
229mm	RG6 / 11 / 213	HT106F	50401452
229mm	RG58 / 59 / 62	HT106D	50401454
	RG58 / 6 / 11 / 213	HT106E	50401456

PRO RJ CRIMPING TOOL

3 Innovation



T3 RJ45 & RJ12 crimping tool.

- Compact, light weight and rugged design
- Ratchet mechanism
- Easy to crimp with hand force

T10210	50401480

10GIG RJ CRIMPING TOOL

3 Innovation



10 Gig RJ Crimping tool.

- Easy to crimp with hand force
- Compact, light weight and rugged design
- CAT6a shielded modular plug connectors
- Not for use on standard RJ45 connectors

T10310	50401482

SNAP PLUG COMPACT CRIMP TOOL KIT

3 Innovation



- Built-in cable cutter and stripper
- Trim the wire at the same time
- Reduce unnecessary crimping errors
- Kit comes with: 1x RJ45 Crimp Tool and 10x CAT6 Snap Plugs

Crimp Tool Kit	T10610K	50401563
Spare blade for Crimp Tool	2712	50401564

BASIC TERMINAL CRIMP TOOL



Low cost manual pliers type crimper for boot lace pins and uninsulated end sleeves 0.5 ~ 2.5mm^2.

- Spring opening action
- Length: 145mm
- Weight: 160g

HNKE6	50401805

UNINSULATED TERMINAL CRIMP



Crimps copper lugs and uninsulated terminals 1.5 ~ 16mm^2. A robust tool with ratchet, that is releasable if necessary.

- Length: 280mm
- Weight: 459g

K26	50401900

PROFESSIONAL ROLL CRIMPING



High precision - Low cost mainly for quick connector types. Achieves a roll type crimp which supports the insulation and crimps the wire. (Not suitable for flag terminals).

- Length: 235mm
- Weight: 500g

HF2	50401950

MULTI-PURPOSE 3-IN-1 TOOL

TOOLS

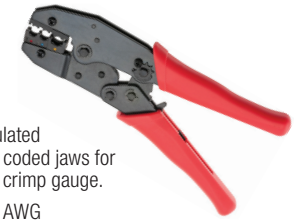


Crimping RG59 oval and hex type 'F' connector.

- Cutting copper-clad steel wire
- Crimping RG6 hex type 'F' connector
- Stripper with stripping length guide

HT233	50402071

INSULATED TERMINAL CRIMP TOOL



For crimping insulated terminals, colour coded jaws for selecting correct crimp gauge.

- Red: 18 to 22 AWG
- Blue: 14 to 16 AWG
- Yellow: 10 to 12 AWG

HT236H	50402072

BNC COAX CRIMP TOOL



5 Different sized crimping jaws to suit most BNC, F, Mini M, M, N and TNC UHF coaxial connectors as well as many other crimp connectors. Pressure applied to the crimp collar can be preset to prevent damage to the connector or the cable. Any of 6 pressure settings can be selected. Insulated handles with spring return Push to release button.

- Overall length: 226mm
- Jaw sizes: 1.72, 2.5mm for inner conductor crimp pins
- Jaw sizes: 5.4, 6.48, and 8.2mm for crimp collars
- 08-312 Coaxial Ratchet Crimper

08-312	50402075

RATCHET CRIMPING TOOL



FRAME ONLY: die not included.

- Ergonomic Super Crimp Tool
- Lower handle force 40 to 50%
- Interchangeable Die sets for a wide range of applications (Available Separately)
- Ratchet crimp action provides repeatable and reliable terminations
- Crimp release provides operator safety
- Pressure adjustment for actuation force
- Dies change quickly with a screwdriver

1PK3003F	50402085

RATCHET CRIMPING TOOL



Ratchet crimping tool.

- Crimps with light hand force
- Close to parallel crimping action provides precise operation
- Interchangeable die sets

HT-5535MC4	50402105

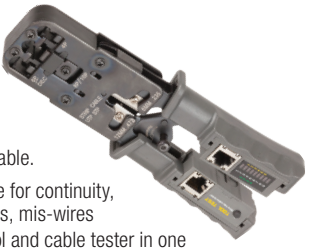
CRIMPER MODULAR DIE



Interchangeable die set for the Proskit 1PK3003F Super Crimper.

RJ45	D11	50402090
RJ11 / 12	D12	50402088
Insulated terminals	D1	50402092
Non-insulated terminals	D2	50402093
RG59 / 6 / 8281	D10	50402096
RG8 / 11	D6	50402097
RG174 / Mini 59	D7	50402095
RG58 / 59 / 62	D15	50402094

MODULAR CRIMP TOOL WITH TESTER

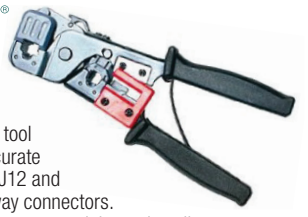


Testing for both UTP and STP cable.

- Testing cable for continuity, opens, shorts, mis-wires
- Crimping tool and cable tester in one
- Suitable for: 10P, 8P, 6P, 4P (RJ45 12 11)

TH1939	50404995

COMBINATION MODULAR CRIMP TOOL



Robust all metal tool ensures fast accurate attachment of RJ12 and RJ45 8 and 6-way connectors. Includes cutter for correct right angle splice, sheath stripper. Soft grips for comfortable use.

- Length: 200mm
- Weight: 320g

08-376E	50405001

MODULAR CRIMPING TOOL



Robust all metal tool ensures fast accurate attachment of 6P4C & 6P6C type (RJ12) modular plugs (RJ12) to 6 conductor flat modular type telephone cable.

- Includes cutter for correct right angle splice
- Soft grips for comfortable use

HT210C	50405017

7.5" 191MM RJ45 CRIMPING TOOL



Frame is made of steel, light weight, compact & durable w/ key-way in 8P modular holder.

- Cut and strip wire by one operation, easy and efficient
- With UTP/STP round cable stripper
- 4P crimper on the back side of the tool
- Ratchet for easy alignment without slipping
- For crimping: 8P8C / RJ-45, 6P6C / RJ-12, 6P4C / RJ11, 4P4C & 4P2C Plugs

HTN5684R	50405060

PRO 8.3" MODULAR CRIMPING TOOL



- Adjustable 6P guide: right side for crimping normal 6P plug; left side for crimping DEC plug
- Built-in UTP/STP round cable stripper
- Ratchet for easy alignment without slipping
- For crimping: 8P8C / RJ-45, 6P6C / RJ-12, 6P4C / RJ114, 4P4C & 4P2C Plugs, and DEC/Off set plug (6P6C)

HT2008AR	50405065

RJ45 SNAP PLUG CRIMP TOOL



Designed for the use on SNAP PLUG.

- Enable the conductors to pass through for easy installation
- Verify the wiring order before crimping
- Speed up the termination process
- Crimp and trim at the same time
- Clean flush cut

Crimp Tool	T10520	50405160
Spare blade	2711	50405162

COMPRESSION TOOL ONLY



Compression tool for RCA, BNC, F, and IEC connectors.

- One-cycle ratcheting mechanism
- Hardened steel construction
- Black Oxide finish
- Locking handle mechanism
- Comfortable grips

HTH518F201 52645065

UNIVERSAL COMPRESSION TOOL



Universal compression tool suitable for waterproof connectors such as 'F', BNC, RCA/ RG58(3C), RG59(4C), RG6(5C) connectors.

WL5082R 52645067

DOUBLE BUBBLE COMPRESSION CABLE PRO



Creates two 360 degree compression connections (one interior and one exterior) for a permanent, "double bubble" connection.

- Patented Compression tool
- Ideal for external applications installations
- Unique double bubble connection
- Superior protection against moisture leakage

CPLCRBC-A 52645070

COMPRESSION TOOL RG59/RG6



Compression Tool is for installing PCT compression type F-Type connections on RG6 & RG59.

- Full 360 compression surface
- Superior construction for maximum longevity
- Foxtel Approved: F30973

TCTRHCT 52645073

COMPRESSION TOOL RG59/6/11



- Works with all PCT connectors
- Compact pocket size design
- Enhanced leverage for easier activation
- Automatically aligns cable
- Flip catch secures connector assembly providing perfect alignment
- Greater durability for longer life
- Foxtel Approved: F30718

TCAIOCT 52645074

6.8" 174M PRO COMPRESSION TOOL



Compression tool for F-Type / RCA / BNC compression connectors.

- Rotatable tool head for various cable types/sizes
- Suits RG11 / RG58 / RG59 / 6
- Plunger designed for F-Type, BNC and RCA connectors

HTH548G201 52645076

ADJUSTABLE COMPRESSION TOOL



Compression tool for F-Type, BNC, and RCA compression connectors.

- Supports RG58/6 cables
- Sturdy chrome plated middle carbon steel
- PVC dipped handle for comfort

HTH518G 52645078

RG6 'F' COMPRESSION TOOL



This compression crimping tool creates a neat, conical crimp that reduces snagging when running cables, and keeps the job looking good too!

- Suits F-Type compression connectors and RG6 cables

HT507 52645082

CUTTERS

COAXIAL CABLE CUTTER & STRIPPER



For cutting cable RG6, RG58 and RG59 and with steel centre conductor.

- Manufactured using quality construction providing precise operation and durability
- Lightweight, cost-effective cable cutter
- Length: 6.3" (159mm)
- Weight: 146g
- Material: Made of middle carbon steel body with hardening

HTC206E 50405070

PRECISE CUTTER/STRIPPER



Machine processed sharp front edge for serrated clamping.

- Multi-function design for Clamping, wire stripping, wire cutting
- Thick handle for a more comfort operation
- CNC grinded cutting and stripping

HT5021S 50405072

4.5" TAPERED HEAD DIAGONAL



4.5" Slim line tapered head cutter.

- Diagonal cutting pliers
- Hot drop forged from carbon steel
- Hardened and tempered of all cutting edges
- PVC insulated cushion grip
- Slim line tapered head
- Semi-flush cutting

MS545V 50482045

FINE ERGO FLUSH SIDE-CUTTER



Side cutter for fine mechanical, electronics & telecommunication industry.

- Equipped with return spring
- Finish: Black oxidised
- Cutting capacity: Copper wire
- Numerically controlled machine grinding guarantees edge angle accuracy
- ISO: 5749, DIN: 5749
- Material: High performance tool steel

4131 50482048

ERGO SIDE-CUTTERS

BAHCO



Side cutting pliers with progressive edges designed to cut hard material such as piano wire close to the joint and to cut softer material as copper wire and plastic insulated wire at the tip.

- ISO: 5749 DIN: 5749
- Material: Chrome-Vanadium
- With Ergo handles in two-material combination
- Material: High performance tool steel
- Thermoplastic surface on tough polypropylene which gives a superior grip
- Equipped with a return spring featuring an on/off function
- Cutting capacity: Piano wire

160mm	2101G-160	50482054
140mm	2101G-140	50482052
125mm	2101G-125	50482050

125MM/5" DIAGONAL SIDE CUTTER

Pro'sKit®



Miniature 5" diagonal cutting pliers made from quality steel and heat treated for excellent cutting capacity and durability. Edges are full cut and are recommended for cutting copper and soft lead wires, ideal for precise circuit board work.

- Sure grip/insulated grips
- Smooth action return spring
- 120mm overall length

1PK037S 50483093

165MM DIAGONAL SIDE CUTTER

MEDALIST The Reliable Choice



Heavy-duty cutters with polished head and fully insulated grips, bevelled Jaws.

- Overall Length: 165mm
- Ideal for mains electrical work

SC150 50483101

PIVOT PRO 200MM DIAGONAL PLIERS

CRESCENT



Unique pivot action design requires 40% less force to cut.

- Forged steel body for strength and durability
- Induction hardened cutting edge for long life
- Size: 200mm / 8"

CCA5428 51683274

120MM PRECISION CUTTING PLIERS

Pro'sKit®



- Made from high quality Chrome Vanadium steel, fine finished
- Double leaf springs for self-opening action to supply smooth operation
- Dual colour, non-slip handles for user comfort and easy operation
- Designed specifically for electronic and precision fields

PM711 50483205

AVIATION SNIPS STRAIGHT CUT

Wiss®



Non slip serrated jaws of Wiss Metalmaster® Snips are made of extra tough wear resistant molybdenum.

- Jaws have self-opening action for fast, effortless feed
- Handles formed from high strength steel
- Grips are non-slip and textured for superior control, safety and comfort
- Convenient protective safety latch
- Favourite tool of metal-working craftsmen
- Straight Cutting - 18 gauge (1.2mm) - Yellow grips

M3RAU 52321010

DRILLS

3.6V LITHIUM DRIVER DRILL

Panasonic



- 1.5 Ah Li-Ion Battery
- Compact size & lightweight
- 30min Charging system
- Easily converts from straight to pistol form
- High torque Max. 4.4Nm
- Auto shut off clutch
- LED Light

EY7410LA2S 50562680

ADJUSTABLE HOLE CUTTER KIT



- Cuts perfect holes In drywall and ceiling tile
- Fully adjustable blades
- Cuts plywood, plasterboard acrylic sheets and silicon
- Dust shield eliminates flying dust and debris

AHC40300 50562800

SPADE DRILL BIT SET 6-PIECE

CRESCENT



Bits are precision ground on all surfaces for extra precision and durability.

- Bit sizes are 10, 13, 16, 19, 22 and 25mm
- High carbon steel
- Applications include wood, plastic, aluminium etc.
- Packed in sturdy re-usable storage case

CDBS6 50562957

12-PIECE HAND-DRILL POCKET KIT

Evacut PRECISION CUTTING TOOLS



A carry anywhere pocket sized tool capable of a wide range of uses for fine or exacting work.

- 12 HSS Tip Tools: Wire gauge 74 to 52 (0.6mm to 1.6mm)
- Drills store in hollow alloy body
- Long life brass chuck
- Knurled end for better drilling control
- Pocket clip for ease of carrying
- Ideal for Cleaning out welding & painting tips

HD12 50572560

13-PIECE DRILL SET

Evacut PRECISION CUTTING TOOLS



CLOSED

Premium quality drills for use on wood, metal and plastics.

- Drill bits range from 1/16" to 1/4" in 1/16" rises
- Housed in an ABS plastic case

E1DSET 50572950

ENGRAVER / ETCHING TOOL

ARLEC a World of Innovation



Engraves any surface, supplied with a steel bit, ideal for engraving steel, wood & plastic. Its a rotating engraver with feather touch operation makes it easy to achieve professional results.

- 12V DC adaptor supplied

RE111 50641102

3-PACK MILLING / ENGRAVER TIPS



Bits To Suit Arlec RE111 Engraver.

- 3 Engraving/Milling Cutters. For engraving metals, plastics & ceramics

ET669 50641110

1-PACK DIAMOND ENGRAVER TIP



Bits To Suit Arlec RE111 Engraver.

- Diamond Engraving Bit. For engraving glass, metals & hard plastics

ET688 50641118

EXTRACTION

BNC SEATING AND REMOVAL TOOL



- Ideal for equipments where many connectors are often crammed onto a small rear panel
- 310mm shaft length

T1583 51040545

D-SUB INSERTION & EXTRACTION



The red end of the tool is used to seat a crimped pin in the connector while the white end slips past the pin and releases barbs that retain the pin in the housing.

- For RS-232 (D-Sub) crimped type pins
- AWG20 pins only
- Marker hole for extraction—visual indication pin has been disengaged
- White end Extracts pin
- Red end Inserts pin

HT101 51040550

FILES & CLEANERS

100-PACK LINT FREE CLOTH WIPES



The shape, size and combinations of synthetic fibres are selected for specific characteristics, including: softness, durability, absorption, wicking abilities, water repellency, electrodynamics, and filtering capabilities.

- Clean Glass Streak And Lint Free
- 100-pack

LFCW100 50321005

5-PIECE NEEDLE FILE SET



5-Piece Needle File Set.

- Kit includes flat, square, two triangular and a half round file

NFS5 50721192

GLUE GUNS

25W HOT GLUE GUN



- Power: 100V~240V, 50Hz

ZD6C 51281080

GLUE STICKS 7.2 X 100 12PK



- Ø7.2 x 100mm
- 12-pack

GLU165 51281053

GLUE STICKS 11.25 X 220 12PK



- Ø11.25 x 220mm
- 12-pack

GLU425 51281057

6-PACK TRANSPARENT GLUE STICK



Transparent colour.

- OD: 7.2mm x 100mm
- 6-pack

GS11 51281082

HAMMERS

SOLID STEEL CLAW HAMMER



Shock Absorbing Design.

- High lustre full polished finish
- Vibration Reduction Technology
- Anti-vibration technology built-into handle
- Dual material contoured grips
- Strong, durable long lasting
- More comfortable in use - better control
- Use all day with less fatigue

SS20C 50921001

HEAT GUNS

1500W HOT AIR / HEAT GUN



Hot air heat gun perfect for heat-shrink, stripping paint, melting toy soldiers and many other workshop jobs!

- Power: 1500W
- 2-speed selectable

DHG1500 38316000

CABLE TIE GUN

CABLE TIE FASTENING TOOL



- Ideal for assembly line use
- Metal construction with red lacquered coating
- For cable-ties: Widths 2.2 to 4.8mm & Thickness up to 1.6mm
- Adjustable tension dial for bundling pressure
- Automatic cut-off once tension achieved

HT218 50405100

INSERTION & PUNCHDOWN

PUNCH TOOL 110/66-BLADE

Pro'sKit®



Insert and cut cable terminations.

- Effortlessly with the punch down tool
- Impact absorbing cushioned, grip reduces operator stress for high volume installers. Adjustable high/low actuation setting accommodates, termination requirements

PDT110 50405020

SPARE PUNCH DOWN CAT5E BLADE

Pro'sKit®



Spare Krone blade to Suit PDT110 CAT5 Punch Down Tool.

KRONE 50405022

3.7" 95MM ECO UTP/STP STRIPPER

TOOLS



Combination economical UTP/STP Stripper and punchdown tool.

- For stripping wire diameter 5.0 to 6.2mm
- Punch-down tip for 110/88 type insertion

HT318 50405027

'F' CONNECTOR INSERTION TOOL

TOOLS



This 3-in-1 tool has one end to enlarge the space between the shield and insulation for RG59, another end for RG6, while the other end will lock 'F' connectors into tool socket and allow you to twist it onto a stripped cable end.

- Very handy for any Cable Installer!

HT224D 50405032

'F' CONNECTOR REMOVAL TOOL

TOOLS



Installing or removing 'F' connectors in high density area or hear-to-reach locations.

- Flares the shield braid away from the dielectric and folds it back over outer jacket
- Screws 'F' connector on to the threaded end and twists it to install the cable end

HT2306F 50405034

TWIST LOCK PUNCH DOWN TOOL

TOOLS



Impact and Punch Down Tool – for seating wire into 110/88 block terminal or cut off wire end after terminating.

- Adjustable Hi/Lo Impact pressure selector
- A built-in combination hook / spludger for tracing and removing wires
- TPR soft-grip handle provides better comfort
- Twist-lock style holder provides quick, easy blade changes and prevents pullout
- Additional safe storage for one more spare blade
- Interchangeable and reversible blade

HT364BR 50405040

KRONE TYPE BLADE FOR HT364BR

TOOLS



Interchangeable/replacement blade for HT364BR.

- Krone type punchdown blade with scissor

HT14TK 50405042

INSPECTION TOOLS

INSPECTION MIRROR & MAGNET

MEDALIST TheReliableChoice



Inspection Mirror and Telescopic Magnet.

- Each extends up to 500mm
- Universal joint to reach difficult areas
- A handy addition to service kits

14525IM 51381001

TELESCOPIC MAGNETIC PICK UP

MEDALIST TheReliableChoice



Telescopic magnet.

- Extends up to 500mm
- A handy addition to service kits
- Ideal to reach difficult areas and find lost metallic objects

MP14513 51381005

2.4" LCD INSPECTION CAMERA

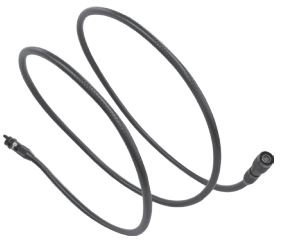


With a camera diameter of only 9mm, detailed inspection of some very tight spots is possible.

- 2.4" colour LCD
- Adjustable brightness LED illuminator
- Adjustable LCD brightness

QC8710 52712064

2M GOOSENECK TO SUIT QC8710



2m Gooseneck Extension to Suit Inspection Camera QC8710.

QC8702 52712065

LASER

ROTARY LASER LEVEL KIT

Lufkin®



Projects vertical and horizontal laser beam planes as well as a plumb laser line.

- Manual level adjustment
- Continuously variable rotating speed
- Green LED illumination of bubble vials
- Easy wall-hanging and tripod mount
- Accuracy: ± 3mm over 10m
- Working Range by eye: Up to 30m - indoors
- Working Range when using a detector: Up to 240m (detector not included)

LR500 52640948

LINE LASER LEVEL WITH TRIPOD

Lufkin



Cross line and plumb spot beam.

- Suitable for indoor and outdoor applications
- Wide beam angle for maximum coverage
- High intensity, high visibility laser line
- Auto levelling with out-of-level warning
- Weather resistant housing
- Magnetic universal mount
- Includes bracket, square and padded carry case

	LCL4SET	52640950

MARKERS

PENCIL FOR DEEP HOLES

Pica - Marker®



Pica Dry construction marker.

- Writes on all surfaces including dusty, oily, wet and rough
- Easy to replace refills
- Optional water soluble and resistant Leads
- Sharpener built-in to protective cap
- Strong clip for holding in pocket

	PICA DRY	52640804

PICA DRY WATER SOLUBLE REFILLS

Pica - Marker®



Pica Dry water soluble refills (8-pack).

- Pack contains 4x Graphite 2x Red and 2x Yellow
- Easy to replace

	PDRWS8	52640808

INSTANT WHITE PERMANENT MARKER



Pica Classic Permanent Pen - White, marks immediately without shaking or pumping.

- Versatile usability
- Marks on most glossy and porous surfaces
- Permanent water based Ink
- Water and weather resistant
- Very economic compared to white paint markers

2mm	CLASSIC532	52640818
4mm	CLASSIC522	52640816

MEASURING

0-150MM VERNIER CALIPER



This carbon composite digital caliper is ideal for general use. The digital display is calibrated in imperial and metric units with a corresponding vernier scale etched onto the caliper slide.

- 150mm measurement range
- 0.1mm resolution
- 8.3mm LCD character height
- 245mm Overall length (closed)
- Internal and external jaws
- Includes 1x SR44 battery

	LV150	50881012

8M / 26' TAPE MEASURE

MEDALIST The Reliable Choice



8 metre / 26 foot steel measuring tape in rugged protective rubber case.

- Marked Metric & Imperial graduations
- Wrist strap & belt clip provided
- Handy quick release lock
- Ideal for trades people

	6008MT	52161020

8M PROGRIP MEASURING TAPE

CRESCENT



- Pro-Grip rubber co-moulded case improves comfort and grip
- Durable case design and construction
- Locking mechanism provides effortless, secure locking of the blade without damaging the blade
- Reinforced stainless steel end hook provides increased durability and precision
- Belt clip secures tape measure when not in use, which can be removed if preferred
- Precision, clear and durable markings ensure accuracy and easy measurement under all conditions
- Covered by a clear coating for long life

Magnetic tip	CP8SIM	52161024
	CP8SI	52161022

PLUG POINT LEVEL STENCIL

CABAC



A clever self-leveling stencil to assist with fitting C-brackets for plug points and light switches.

- Easy to position and mark C-bracket cut-out
- Vertical and horizontal level indication
- Clear centre mark positioning

	MONKEY	52691002

600MM BIG BOSS SPIRIT LEVEL

Lufkin



LBBL60 Big Boss Spirit Level 600mm LUFKIN.

- Over size centre bubble ensures clear and easy reading
- Dual line on bubble for 1° slope feature
- 3 Vials 1x 180° and 2x 90°
- Highly accurate with 0.5mm/m accuracy
- Includes nylon carry bag to protect the level
- 600mm Length

	LBBL60	52691020

100M LASER DISTANCE METER

FLUKE



Use Fluke laser distance meters to quickly and accurately determine the distance to your target, the area bounded by two distances, or the volume within three measurements.

- Ability to measure up to 100m (330ft)
- Corner angle feature, allows you to determine the angle of a corner
- Continuous measurement
- ±45° tilt sensor for taking indirect measurements in hard to reach areas
- Tripod mode allows you to mount to a tripod for measuring long distances
- Storage of the last twenty measurements for quick recall of distance
- Built-in light sensor for activating the backlight saving battery life

	421D	52712008

STUD/AC DETECTOR + LASER LEVEL



- Wood, metal and live wire detection
- 180 degree pivoting laser plane with level and plumb vials
- 20' laser line projections onto work surface with 90 degree squaring
- Two self contained half pins to mount unit to work surface (vertical or horizontal)
- LCD sensing and mode display with target graphics
- LED display with continuous live wire detection
- Thumb dial adjustable feet for levelling the laser

	LA1010	52712029

50M LASER DISTANCE METER

FLUKE



The most advanced laser technology for distance measurement.

- Instantly measures up to 50m
- Laser accuracy of ± 2mm
- 2x "AAA" batteries
- Vinyl carrying pouch
- 3 Year Warranty

414D	52712005

LASER DISTANCE METER 50M STANDARD



LDM100 is designed to give the users a high accuracy, one-person distance measuring and estimating tool to measure remote and difficult to reach places. This laser distance meter is the most advanced in laser measuring devices with a built-in tilt sensor for indirect height measuring and vertical angle measurements. It is designed for indoor professional using.

- Area, volume calculations
- Indirect measurement using Pythagoras
- Measuring range: 0.05 to 50m (2" up to 164ft)
- Measuring accuracy: ±1.5mm (±0.06")
- 3 Axis accelerometer digital angle finder
- Size (HxWxD): 110mm x 45mm x 27mm
- Weight: 135g

LDM100	52712035

LASER DISTANCE METER 60M

UNI-T



UNI-T UT391 is a compact, reliable and useful Laser Distance Meter that uses laser light waves instead of ultrasonic, and measures its reflection to accurately determine distances.

- Measure distance, area and volume of the given areas
- A convenient replacement to traditional measuring tools
- Range: Between 0.1m ~ 60m

UT391	52712060

LASER DISTANCE METER

DOSS



Instant measurements of the distance between two objects with one-button operation.

- Measurement accuracy of 3mm
- Reduce estimation errors, saving time and money
- Compact size, easy to carry

70m	NF270	52712075
40m	NF240	52712070

PLIERS

TELECOM SPLICING PLIERS

H TOOLS



- For UR, UY and UG connectors
- Economical design
- Made of forged steel body
- Rapidly press male and female pins together

HT105	50405130

DUAL COLOUR LINEMAN'S PLIERS

ProsKit



Quality, Heavy-duty Electricians pliers with duplex insulated grips.

- Broad nose for gripping, twisting and forming conductors
- Jaw opening: 40mm
- Large 20mm long cutter
- Serrated jaws for secure grip
- Serrations also at top of handle for gripping

1PK051DS	51683251

165MM COMBINED PLIER & CUTTER

MEDALIST The Reliable Choice



With serrated jaws for secure grip, Heavy-duty wire cutter, Moulded insulated handles with safety guards.

- Overall length: 165mm

CP165	51683253

COMBINED PLIERS & CRIMPER

CRESCENT



Solid joint lineman's pliers are made of drop-forged steel with polished heads and gun metal handles. Durable, keen and induction hardened cutting edges. Available with either yellow cushion grips or Tenite butyrate grips.

- Extended and hardened cutting jaw for use with flat multicore cabling
- Built-in crimper for use on 1.5mm² to 6mm² solderless connectors
- Finished in Australia from imported forgings
- Slim line jaw with precise jaw gap
- Precise jaw gap for wire work

3800CTV	51683268

UNIVERSAL PLIERS WITH SHEAR-CUT

CRESCENT



- Shear-cut action jaws for a clean cut every time
- Pliers include a crimper jaw for use with 1.5mm-6mm non-insulated connectors
- Both the crimper and cutting edges are blue-hardened for longer life
- High leverage pivot for wide jaw opening and ease of use
- Australian made

4800CTV	51683270

PIVOT PRO 230MM LINESMAN PLIERS

CRESCENT



Unique pivot action design requires 40% less force to cut.

- Forged steel body for strength and durability
- Induction hardened cutting edge for long life
- Size: 230mm / 9"

CCA20509	51683272

PIVOT PRO 200MM LONG NOSE PLIERS

CRESCENT



Unique pivot action design requires 40% less force to cut.

- Forged steel body for strength and durability
- Induction hardened cutting edge for long life
- Machined, cross-check jaw pattern for gripping
- Size: 200mm / 8"

CCA6548	51683276

LINESMANS PLIERS WITH COMPOUND

CRESCENT



Co-molded grips for added comfort.

- Length: 9" / 229mm
- Nose Length 1-9/16" / 40mm
- Nose Width: 1-9/32" / 33mm
- Heat treated joint rivet for smooth and consistent operation
- 33% lighter than standard pliers, reduces fatigue

PS20509C 51683280

200MM SNIPE NOSE PLIERS

BAHCO



200mm snipe nose pliers with slim, semi-circular shaped and serrated jaws.

- Accurately machined jaws provide a sure grip on the workpiece
- Equipped with return spring with on/off function
- Tips give good grip and improved accessibility in confined spaces
- Sharp edges for cutting softer material such as copper and plastic insulated wire
- Cutting capacity: Hard steel wire

200mm 2430G-200 51683322

125MM LONG NOSE PLIERS

Pro'sKit®



Manufactured from high quality heat-treated steel. Smooth grip insulation with spring. Precision tapered nose for picking up miniature parts and components.

- Serrated jaws
- Inbuilt lead cutter

PK36 51683352

105MM SNIPE NOSED PLIERS

Pro'sKit®



- Stainless steel
- Hardened and tempered of all cutting edges

PK-501D 51683355

200MM LONG NOSE PLIERS

MEDALIST



Polished head pliers with tapered, fine serrated jaws.

- Inbuilt cutter
- Black insulated grips
- Return spring
- Overall length: 200mm

LNP8 51683362

NEEDLE NOSE PLIERS

Pro'sKit®



Manufactured from high quality heat-treated steel. Ideal for working in restricted spaces and for placing and retrieving miniature components.

- Smooth grip insulation with spring
- Smooth jaws for holding miniature components and fine wires

1PK-046S 51683365

LONG REACH BENT NOSE PLIERS



Tough Stainless Steel Construction, forged for extra strength, and durability. Won't rust or corrode, easy to keep clean.

- Unique Leaf Springs automatically opens jaws for easy operation and they won't fall out.
- Textured Vinyl Grips for comfortable, positive gripping and slip resistance
- Overall length: 165mm
- Long Reach ideal for working in restricted spaces

PL403 51683366

SAWS, KNIVES & SCISSORS

FOLDING TRIMMING KNIFE

MEDALIST



Folding Utility Knife.

- Quick change mechanism
- Lightweight aluminium handle
- Handy belt clip
- Safe lock back design
- 5 spare blades included
- Ultra portable (9cm folded)

FTN08042 51281032

QUICK-CHANGE FOLDING KNIFE

Wiss®



- Blade safely folds into handle for compact size and easy storage
- Quick blade change for easy and fast replacement
- Soft grip ergonomic handle design for increased comfort
- Accepts all standard type utility knife blades

WKF1 51281033

18MM HEAVY-DUTY BLADE KNIFE

Wiss®



Blades are made from high grade steel which are extremely sharp and stay sharp for longer.

- Durable Metal-alloy body construction
- Ergonomic handle design
- Blades are made from high grade steel

WSBK18 51281045

TRIM KNIFE/UTILITY KNIFE

MEDALIST



Heavy-duty model supplied on blister card, retractable wide blade trim knife.

27-25130 51281046

150MM PRO WALLBOARD JIB KNIFE

MEDALIST



Professional General-purpose wallboard saw for cutting sheetrock, gypsum board, etc.

- Long pointed blade for plunge-type cuts and closer-quarter work
- 150mm overall length
- Blade made of hardened steel
- Plastic handle

22097 51281049

PRO DRYWALL SAW

PLATINUM TOOLS



Designed with the professional installer in mind, the teeth are precision ground for fast and effortless cutting in both directions, push and pull.

- The blade is extra thick (1.8mm) to prevent bending and breaking during use, whether cutting, punching or scoring
- Heavy-duty, one piece handle designed with a non-slip grip for comfort and safety
- Clog free, hardened steel blade

PTSAW 51281075

NIBBLING TOOL



Economical nibbling cutter.

- Cuts up to 18 gauge steel and other unhardened metals
- Also cuts copper, aluminium, and plastic

HT204 51520984

250MM MINI HAND-HELD HACK SAW



This easy to handle all metal frame mini hacksaw frame is particularly useful to cut metals and plastics in awkward locations, where a normal hacksaw cannot work.

- Shatterproof Sandflex Bimetal 10" 24TPI blade
- Efficient cutting performance
- 250mm overall

208HS 52240900

DRY WALL SAW / JIB KNIFE

Nicholson



Super sharp cross-ground blade for fast and easy cutting action. Ideal for cutting gyprock, plywood, rope, shrubs & other general purpose applications.

- Extra thick tempered steel blade for long life

NDWS 52241054

HIGH TENSION HACKSAW

Nicholson



High tension hacksaw with comfortable cushion grip.

- Industrial strength
- General Purpose blade
- 2-way blade change

NPSHZ 52241056

9" EAZY SNIP SHEARS/CUTTER

CRESCENT



Spring-loaded blades for reduced fatigue on repeated cuts.

- Soft-touch co-molded handles for maximum comfort
- 420 Stainless blades provide maximum corrosion resistance
- Heavy-duty design is perfect for shop, garden, and craft jobs
- Wire cutter notch for easy cutting of light-gauge wire
- Safety-latch locks blades closed for storage

WEZSNIP 52321005

7" TITANIUM COATED SCISSORS

Wiss®



The Wiss No-Ring Scissor is a great utility shear for the home, garden, or workshop.

- Spring loaded Blades
- Reduced hang fatigue
- Titanium coating that is 3 times harder than steel
- Precision ground blades for smooth cutting

W7T 52321008

14-IN-1 MULTI-TOOL

CRESCENT



Stainless Steel 14-in-1 multi-tool.

- Belt pouch included
- Ideal for outdoor use
- Made to ANSI specifications
- Available in handy hang-sell packaging

CMT14 52330056

SCREWDRIVERS

STAINLESS STEEL INSULATED SCREWDRIVER

Wera



The use of stainless steel tools prevents the formation of extraneous rust on stainless steel screws or surfaces.

- Design: Conical edge, Lasertip, stainless steel
- Handle has non-roll feature, multi-component

Size	Length	Type	Model	Code
#2	100mm	Phillips	022734	52400480
5.5mm	125mm	Flat	022732	52400478
#1	100mm	Phillips	022733	52400479
4.0mm	100mm	Flat	022731	52400477
3.5mm	100mm	Flat	022730	52400476
3.0mm	80mm	Flat	022729	52400475

32-PIECE SCREWDRIVER LONG BIT SET



32 screwdriver security bit set with 75mm extra length. Set includes: Spanner bits 4, 6 ,8 and 10.

- Torx bits 8, 10, 15, 20, 25, 27, 30, 35 & 40
- Tri wing bits 1, 2, 3 & 4
- Hex bits 2, 2.5, 3, 4, 5 & 6
- Flat bit 6mm
- Phillips bits 1 & 2
- Pozi bits 1, 2 & 3
- Torq-set bits 6, 8 & 10

LSB32 52400490

33-PIECE SECURITY BIT SET

33-piece set includes:



- 50mm magnetic bit holder
- Tamperproof: T8, T10, T15, T20, T25, T27, T30, T35, T40
- Hex Key: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"
- Hex Key: 2, 2.5, 3, 4, 5, 6mm
- Tri-Wing: No.1, 2, 3, 4
- Pan Spanner: 4, 6, 8, 10
- Torq-Set: 6, 8, 10

SD380 52400510

PRECISION SCREWDRIVER

BAHCO



Ergonomic handles ensure fatigue free operation when used in production work.

- Premium Swedish quality materials and construction

Size	Length	Type	Model	Code
#2	215mm	Phillips	8620SD	52401145
5.5mm	230mm	Flat	8150SD	52401065
#1	180mm	Phillips	8610SD	52401129
#00	150mm	Phillips	8600SD	52401113
4.0mm	210mm	Flat	8040SD	52401048
3.5mm	190mm	Flat	8030SD	52401032
3.0mm	160mm	Flat	8020SD	52401016
2.5mm	150mm	Flat	8010SD	52401001

ERGONOMIC SCREWDRIVER

LION



- Rubber Ergonomic soft grip handles
- Chrome vanadium blades
- Hardened oxidised tips
- Magnetic tips
- Includes unique hanger that can be screwed to a wall as a permanent mounting bracket

Size	Length	Type	Model	Code
8.0mm	150mm	Flat	CVF8150	52401215
#2	100mm	Pozi-drive	CVPZ2100	52401250
#2	150mm	Phillips	CVP2150	52401240
6.0mm	150mm	Flat	CVF6150	52401210
#1	150mm	Phillips	CVP1150	52401235
#1	75mm	Phillips	CVP175	52401230
6.0mm	100mm	Flat	CVF6100	52401205
#2	38mm	Phillips	CVP238	52401225
6.0mm	38mm	Flat	CVF638	52401200

100MM #5 INSULATED SCREWDRIVER

LION



5mm x 100mm insulated (1000V) flathead driver.

- Rubber Ergonomic soft grip handles
- Chrome vanadium blades
- Hardened oxidised tips
- Magnetic tips
- Includes unique hanger that can be screwed to a wall as a permanent mounting bracket

Size	Length	Type	Model	Code
5.0mm	100mm	Flat	CVIP5100	52401260

TORX SCREWDRIVER

Pro'sKit®



Suitable for miniature torx (star) point screws These screws are used in cases where tampering could be a problem. Select the size for working with communications equipment, radios, precision equipment and electronic & service work.

Size	Length	Model	Code
T20	80mm	T20	52402961
T6	50mm	T06	52402890

6-IN-1 LED LIGHT & SCREWDRIVER

TOMCAT



The Tomcat XT038 is a 6-in-1 LED Lite driver.

- Heavy-duty
- Super bright
- "AAA" batteries included
- 2x Phillips bits
- 2x Flathead bits
- 1x Star bit

XT038 52403540

AUTO-LOADING SCREWDRIVER

DOSS®



10-in-1 precision screwdriver with gearless ratchet.

- Autoloading, changing bits with ease
- 6 bits stores in revolving chamber and 4 stored in the handle
- Phillips: #00/#0/#1
- Flat Head: 1.5mm/ 2.0mm/ 3.0mm
- Torx: T5/ T6/T8/T10

ALSDP101 52403560

FATMAX RATCHET SCREWDRIVER

STANLEY



Soft grip, large handle fits comfortable in your palm of your hand.

- Bit storage in handle Includes 12 bits
- Slotted 5, 6.5 & 8mm
- PH1, 2 & 3
- PZ1, 2 & 3
- TX T10, T15 & T20

FMHT0-62690 52403586

MULTI-BIT RATCHET SCREWDRIVER

DOSS®



Multi-bit ratchet screwdriver.

- Magnetic bit holder with 5 stored in the revolving chamber and 4-in the handle
- 3 section ratchet
- Phillips: #1/#2/#3
- Flat Head: 4mm/6mm
- Torx: T15/T20
- Square: S1/S2

ALSDR101 52403562

32 PIECES PRECISION SCREWDRIVER

DOSS®



32 Pieces precision screwdriver set.

- Can be used for mobile phone & computer repair
- 32 precision bits and 1 bit extension holder
- Handy storage case with labelled bit holders
- Fingertip swivel gives you outstanding control

SDP32 52403564

51-IN-1 TOOL POUCH BAG

DOSS®



51-in-1 pieces tool pouch bag for tech and gadget repair.

- Includes most commonly used bits and accessories

SDPB511 52403566

12-PIECE FLEXIBLE SCREWDRIVER SET

CRESCENT



12-piece cushion grip flexible shaft screwdriver set.

- Bits include: PH1, PH2, PH3, slotted 5, 6 & 7mm, T10, T15, T20, T30

CSDF12 52403578

6-PIECE PRECISION SCREWDRIVER SET

STANLEY



Precision Screwdriver with six of the most popular slotted and Phillips® screwdrivers.

- Swivel-head handles
- Tough, plastic handles with soft cushion grip
- Plastic storage case included

66-052 52404494

6-PIECE JEWELLERS SCREWDRIVER SET

MEDALIST



Set of six quality drivers with extra fine blades in a hard plastic carrying case.

- Tool steel blades
- Nickel plated
- Hardened
- Phillips point drivers - No. 3, No. 3.5, Slotted drivers - 1, 1.2, 1.8, and 2.4mm

SD6MX 52404498

7-PIECE CELL PHONE OPENER SET

Pro'sKit®



7-piece mobile phone opener set in clear front plastic case.

- Driver Types & Sizes:
- Phillips #0
- Torx T5, T6, T7
- Back Panel Opener
- Folding Cover Opener
- Security Screwdriver

8PK2065N 52404526

7-PIECE TORX SCREWDRIVER KIT

Pro'sKit®



Ideal for electronic service and production work.

- Elastomer resin non slip handles
- High grade chrome molybdenum vanadium steel blade
- Blade Sizes: T5, T6, T7, T8, T9, T10 and T15
- Overall: 159mm (T5 to T9) 184mm T10 and T15
- Shaft: 50mm (T5 to T9) 75mm T10 and T15

SD2302 52404527

5 PIECES STAR SCREWDRIVER SET

Pro'sKit®



Tamper-proof holes are provided for screws such as torx screws with a projection in the screw head. These screws are used in cases where tampering could be a problem. Select the size for working with mobile telephones, communications equipment, radios and precision equipment.

- Sizes: T05H, T06H, T07H, T08H, T09H
- Blister pack

SW2125H 52404529

102-PIECE ELECTRIC SCREWDRIVER KIT



- High torque electric driver
- 102 bits
- Aluminium case

TD2491 52481046

18 BITS ELECTRIC SCREWDRIVER



- Comfortable moulded grip
- Reverse and forward modes
- Philips, flat, torx and hex bits

TD2497 52481048

6-PIECE PRECISION SCREWDRIVER

Pro'sKit®



Molded handles with finger grips, long shafts of nickel chrome molybdenum, ideal for reaching recessed screws in electronic equipment.

- Contains:
- 3 Phillips point drivers: No. 00, No.1 & No. 2, 3
- Slotted blade drivers 2.4 x 75, 3.0 x 100 & 3.8 x 150mm

PK08509 52481075

7-PIECE INSULATED SCREW DRIVER

Pro'sKit®



7 fully insulated drivers on blister card suitable for working on live equipment.

- Insulated to 1000V
- Contains: 4 Straight blade screwdrivers: 150 x 6.5mm, 125 x 5.5mm, 100 x 4.0mm, 85 x 2.5mm
- 3 Phillips drivers: No. 0 x 75, No.1 x 100, No. 2 x 100

8PK8100E 52481079

44-PIECE SCREWDRIVER SET

CRESCENT



Ergonomic, anti-slip grip, square acetate handles.

- Chrome Vanadium, high quality tempered blades
- Edges and flats are precision formed to prevent damage
- Black Magnetic tips on all screwdrivers
- Set Contains: 3 Slotted, 3 Phillips, 1 Insulated, 1 Bit holder and 2 Precision Screwdrivers

CSD44 52481089

MICRO SCREWDRIVER WITH BITS

GOLDTOOL



7 micro precision bits all in one handle. Perfect for use on eyeglasses, electronics, battery compartment, toys, set screws, etc.

- Uses Picquic's instant bit storage system
- No lost bits
- Fits in a pocket
- Torx T4, T6, T7, T8, T9, T10 & T15

GSD-810BK 52481098

QUICK CONVERT MULTI-BIT DRIVER

CRESCENT



The Crescent Quick Connect Multi-Bit Driver replaces the need to carry multiple fastening tools.

- Dual material non-slip grip cushion handle
- Unique self-adjusting pin socket on driver handle
- Quick conversion to a T-handle
- Premium S2 bits

CMBD1 53120880

STRIPPERS

CABLE JACKET STRIPPER

PLATINUM TOOLS



The Cyclops 2 takes the guesswork out of removing the cable jackets from many types of twisted pair, multicore and fibre optic cables. The tool self adjusts to automatically cut PVC, plenum and others without damaging the braids, foils or conductors.

- One piece design, ready to use right out of the package
- Accepts cable diameters to 11mm diameter
- Removes cable jackets from twisted pair UTP/STP cables, multi-core cable (shielded & unshielded), and fibre optic cable

PTCYCLOPS2 50405150

CAT5/6 CABLE JACKET STRIPPER

PLATINUM TOOLS



This economical tool has been specifically designed to strip the cable jackets from Category 5, 5e and Category 6 twisted pair cables. No adjustments are required and will not nick the inner conductors.

- Durable high impact plastic housing is molded from yellow plastic to make it easier to locate
- Long life blade

PT15015 50405155

RG59/RG6 STRIPPING TOOL

Kingray



Designed to strip the insulation from RG6 and RG59.

- Use prior to fitting an 'F' connector

KST659 52960050

PRECISION WIRE STRIPPER

Pro'sKit®



Precision wire stripper with spring return mechanism.

- AWG wire sizes 20 to 10
- Millimetres: 0.8 to 2.6
- Incorporates roll crimp cutout and serrated pliers
- Overall length: 155mm

PK3002 52961008

2-BLADE ROTARY CABLE STRIPPER

TOOLS



The V block can be rotated and inserted into 4 different positions to correctly strip inner, outer and the cable sheath in a single operation.

- For RG58 (3C2V) RG59, RG62 & RG6
- 4 different stripping lengths can be achieved
- Hex wrench supplied (housed in tool) for presetting cutting depth

PK332 52961010

WIRE STRIPPER/CRIMPER

Pro'sKit®



Alloy steel jaws Hardness: HV 550 ~ 650 (HRC 52 ~ 57).

- Can strip all types of wire from AWG 10-24 gauge (0.2 ~ 6.0mm²)
- Micro adjusting the swivel knob to strip electrical wire gauge smaller than AWG24
- Adjustable stopper is swivelled if user does not use this function
- For insulated terminals 22-10 AWG (0.5 - 6.0mm²)
- For non-insulated terminals 22-10 AWG (0.5 - 6.0mm²)
- For Auto ignition terminals 7-8mm
- O.A.L.: 210mm

PK371D 52961014

AUTOMATIC WIRE STRIPPER



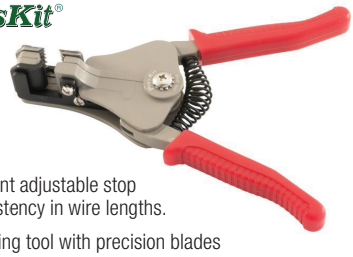
For conductors 2.5 ~ 6mm in diameter.

- Has a built-in depth gauge and adjustment for soft or hard insulation
- Length: 175mm
- Weight: 200g

KUS2 52962017

ADJUSTABLE WIRE STRIPPER

Pro'sKit®



Convenient adjustable stop for consistency in wire lengths.

- Stripping tool with precision blades
- Strips teflon, PVC, silicon
- Aluminium construction with plastic coated handle
- Stripping hole diameters: 1.0, 1.6, 2.0, 2.6 & 3.2mm Ø

08369B 52962033

4.8" 121MM COAXIAL STRIPPER

TOOLS



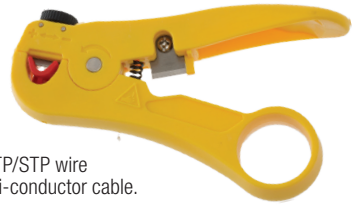
Stripping the coaxial jacket and inner conductor in one operation by rotating the stripper in clockwise direction 3-6 times, easy and effective.

- Light weight, compact, cost-effective stripper is simple to operate
- Suitable for RG59 / 6 / 7 / 11
- No adjustments needed
- 2-blade design strips jacket and inner conductor
- Distance between blades: 6.35mm

HT323 52962145

WIRE STRIPPER

TOOLS



Strips UTP/STP wire and multi-conductor cable.

- Cable cutting function

HT350 52962149

2-BLADE COAXIAL CABLE STRIPPER

TOOLS



Coaxial Cable Stripper for RG59, RG6, RG7, RG11.

- Reversible blade cartridge
- Length: 128mm
- Weight: 48g
- Body: ABS
- Blade: SK5

HT351 52962150

COAXIAL CABLE WRENCH STRIPPER

TOOLS



Strips coaxial cables RG59/6/7/11.

- Strips coaxial cables 18 & 24 AWG
- Uses Black Velcro for folding back the braided shield of cable
- Designed with interchangeable cassette & stripping length 6.35mm(0.25")
- Equipped with a wrench for 7/16" 'F' connector in tightening & loosing mode

HT363 52962153

ADJUSTABLE COAX CABLE STRIPER

Belden



Adjustable Cable Strip Tool, preps RG58, RG59 and RG6 cables.

- Adjustable dial locates the perfect setting for cable preparation
- Patented cable stop creates a precise 1/4"-1/4" cable preparation each and every time
- Integrated side flaring tool for RG6 cable
- Includes an extra replacement blade cartridge

PSA59/6 52962162

3-BLADE ROTARY CABLE STRIPPER

TOOLS



This coax stripper rotary 3-blade is a new rotary coax, cable stripper for: RG-58 (3C2V), RG-59/62 (4C2V), RG6 (5C2V).

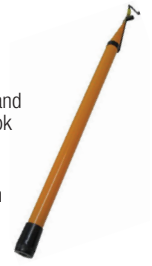
- Built-in tension spring
- Slide adjustment
- No replacement cassette is needed
- Fixed 3-Blade Construction
- Strips cable-jacket, shield, insulation
- Can strip cable in 10 and 12mm lengths
- Centre conductor cutter

PK322 52962165

CABLE PULLING TOOLS

4.8M TELESCOPIC CABLE GRAB

For use in long spans and in hard to reach areas in-ceilings, under floors and crawl spaces.

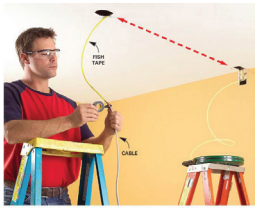


- Extends from 0.6m out to 4.8m and is fitted with a unique flexible hook end which is suitable for gripping the outer cable sheath securely
- Constructed from lightweight non conductive fibreglass material
- Overall weight is just 2kgs!

TCGP48 52641015

3.7M YELLOW TONGUE

MAGIC STRIP

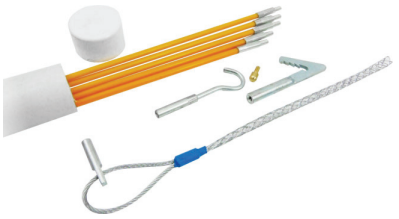


A tool used by electricians to route new wiring through walls and electrical conduit. Made of a narrow band of spring steel, by careful manipulation, the tape can be "fished" (guided) through the confined spaces within wall cavities. Once guided through, the new wiring can be pulled into the wall by attaching it to the end of the fish tape and pulling the tape back whence it came.

- 3.7m(L) x 14mm(W)
- 4mm thick

YT01 52641020

DELUXE PUSH-ROD KIT



- Perfect for electricians, cablers & antenna Installers
- Complete with hook and ring (as pictured)
- 5x 1.0 metre fibreglass rods
- 1x Screw-on standard hook
- 1x Screw-on hook with teeth
- 1x Screw-on pulling ring
- 1x bullet shaped end to protect thread / reduce snagging when trying to ram through bunches of cables
- 1x PVC storage tube with end caps

Ø6.0mm	6m	6MM6MDX	52641032
Ø4.0mm	5m	4MM5MDX	52641028

VICES, TWEEZERS & HOOKS

SPRING HOOK

Pro'sKit®



For removing and refitting miniature springs in VCRs and cassette decks.

1PK317 52641012

TWEEZER SET

Pro'sKit®



4 Different style stainless steel tweezers including a self locking one, ideal for picking up small components in hard to reach places, handy for component assembly on PC Prototype boards.

08-389 52720700

THIRD HAND PCB HOLDER

Pro'sKit®



Holds objects at any angle to each other, leaves both hands free.

- Acrylic magnifier
- Locks at any angle
- Glue, solder, repair, assemble thousands of objects with ease
- 6 ball joints for all angles
- Nickel-plated fittings
- Heavy cast-iron base
- Alligator spring clips

08-391B 52801550

HELPING HAND SOLDERING STAND



Cast iron base and 90mm magnifying glass.

- Ideal for soldering work or model makers
- Adjustable crocodile holding clamps

ZD10MB 52801555

PCB HOLDER

DOSS®



Adjusting PCB holder.

- Rotating arm
- Spring clamps
- Solid base for stability
- Built-in rubber feet

ZD11E 52801560

308 WEIGHTED BASE MOUNT

PANAVISE®



All Vise Heads are compatible with the 300 Standard Base, the 305 Low Profile Base, and the 380 Vacuum Base.

- Add portability and stability to your vise!
- This husky, cast iron Base Mount features two wings for extra stability
- Compatible with the 201 PV Jr. Vise and 300 & 305 Bases
- Includes four non-marring, anti-skid pads
- Overall dimensions: 174.6mm x 190.5mm
- Height (with pads): 30.2mm, Weight: 2.3kg

PV308 52801940

310 SURFACE PLATE BASE MOUNT

PANAVISE®



This unique Base Mount features a precision cast iron flat surface (Blanchard ground) - ideal for layout work!

- Compatible with the 201 PV Jr. Vise and 300 & 305 Bases
- Square surface: 273.1mm x 273.1mm
- Includes four non-marring, anti-skid pads
- Height: 1.25" (31.8mm), Weight: 10.0 lbs. (4.5kg)

PV310 52801945

311 BENCH CLAMP BASE MOUNT

PANAVISE®



Clamps to a table, workbench, ladder, wherever you need it! Includes four non-marring, anti-skid neoprene pads for additional anti-slip characteristics without excessive tightening.

- Take your vise anywhere you need it! Clamps to anything up to 4.4375" (87.3mm) thick
- Compatible with the 201 PV Jr. Vise and 300 & 305 Bases
- Finger grip for added convenience
- Throat depth from centre of clamping screw: 2.3125" (58.7mm)
- Weight: 2.4 lbs. (1.1kg)

PV311 52801950

312 TRAY BASE MOUNT PLATE

PANAVISE®



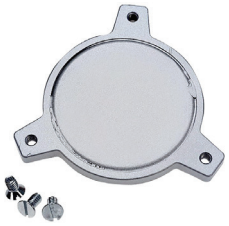
Neatly organizes your small parts and tools! This cast aluminium Base Mount adds stability and has six integral parts wells with rounded and sloped walls for easy parts retrieval.

- Compatible with the 201 PV Jr. Vise and 300 & 305 Bases
- Includes six non-marring, anti-skid pads
- Three 1/4-20 holes are drilled and tapped on the outer lip for mounting accessories
- Overall diameter: 8.5" (215.9mm)
- Height: 0.75" (19.1mm), Weight: 1.9 lbs. (0.9kg)

PV312 52801955

335 MAGNETIC BASE MOUNT

PANAVISE®



Attach a PanaVise to any flat, ferrous metal surface!

- Perfect for machinery, truck beds, tool boxes... anywhere magnets are NOT a problem
- Compatible with the 201 PV Jr. Vise, and 300 & 305 Bases
- Magnet is slightly recessed into Base Mount to avoid scratching metal surfaces
- Magnetic power holds up to 5 lbs. (2.3kg) at 90°
- Overall diameter: 4.32" (2.28mm)
- Height: 0.5" (12.7mm), Weight: 1.0 lbs. (0.4kg)

PV335 52801960

300 STANDARD VISE BASE

PANAVISE®



Holds all regular PANAVISE heads and Circuit Board holders.

- Accepts all 300 series heads and the PV Jr. 203 Head or any 5/8" diameter shaft
- Patented single control knob and exclusive "split-ball" locks the head firmly in place
- Base features 4.3125" (109.5mm) bolt circle countersunk
- Height: 3.75" (95.2mm), Weight: 1.4 lbs. (0.6kg)

PV300 52802001

305 LOW PROFILE VICE BASE

PANAVISE®



Lowest profile Base on the market!

- For working closely to the bench surface, accepts all 300 series and any 5/8" heads
- Use with the 304 Low-Profile Head to create a very low-profile vise
- Patented single control knob and exclusive "split-ball" locks Head firmly in place
- Base features 4.3125" (109.5mm) bolt circle countersunk
- Height: 2.5" (63.5mm), Weight: 1.3 lbs. (0.6kg)

PV305 52802005

380-PORTABLE VACUUM VICE BASE

PANAVISE®



Create the world's most PORTABLE work holding tool! Simply flip the lever to "activate" the rubber pad and attach the unit to any smooth, non-porous flat surface. Add any of the compatible Vise heads and build a versatile, portable work station.

- Accepts all 300 series heads and any 5/8" (15.9mm) diameter shaft
- Pad footprint measures 5.125" x 4.25" (130.2mm x108mm)
- Patented single control knob and exclusive "split-ball" locks head firmly in place
- Height: 3.25" (82.5mm), Weight: 1.7 lbs. (0.8kg)

PV380 52802010

203 SMALL VICE HEAD JAW

PANAVISE®



Our most popular Vise Head for arts and crafts, model making, electronics and other small projects! We have adapted a PV Jr. Head to fit all 300 series bases. Now you can add all the popular features of a PV Jr. to a larger 300 series base.

- Fine/coarse adjusting knob controls jaw pressure
- Jaws feature horizontal grooves for holding small tubes, rods, or small circuit boards
- Reinforced thermal composite plastic
- Jaws are 2" (50.8mm) tall, 1" (25.4mm) wide and open to 2.875" (73mm)
- Height: 3.75" (95.2mm)
- Weight: 0.4 lbs. (0.2kg)

PV203 52802013

303 STANDARD HEAD JAW

PANAVISE®



The tough yet gentle nylon jaws have a satin finish to improve grip. The heavy duty adjusting screw turns in a brass bushing which is pressure diecast into the head as are the double steel guide pins.

- Perfect for hobbies, electronics and small home repairs!
- Select the 300, 305 or 380 Base and create your own versatile vise
- Jaws are 2.5" (63.5mm) wide, 0.5" (12.6mm) tall and open to 2.25" (57.1mm)
- Excellent electrical insulation - continuous 93°C, intermittent heat up to 149°C
- Throat depth: 1.375" (34.9mm)
- Height: 4.25" (108.0mm)
- Weight: 1.5 lbs. (0.7kg)

PV303 52802016

304 LOW PROFILE VICE HEAD JAW

PANAVISE®



Popular for jewellery making, watch repair and lapidary work! This unique Head can be positioned more closely to the work surface, great for use under a magnifying light.

- When used with a 305 Low Profile Base, you can create a very low-profile Vise
- Features steel jaws
- Throat depth: 1.375" (34.9mm)
- Length: 7.75" (196.8mm)
- Weight: 1.4 lbs. (0.6kg)

PV304 52802020

337 FIXTURING VICE HEAD

PANAVISE®



Exceptional choice for woodworkers and pattern makers! Work can be attached easily to this universal Fixturing Head.

- Six slots are 0.4375" (11.1mm) wide and 1.1875" (30.2mm) long
- Six 0.25" (6.3mm) bolt holes are evenly spaced on a 4.375" (111.1mm) bolt circle
- Flat surface: 5.375" (136.5mm) in diameter
- Shaft: 4.125" (104.8mm) long and 5/8" (15.9mm) in dia. - compatible with 300 series bases
- Height (shaft to top of head): 3.75" (95.2mm)
- Weight: 11.5oz (1.3kg)

PV337 52802024

366 WIDE OPENING HEAD VICE JAW

PANAVISE®



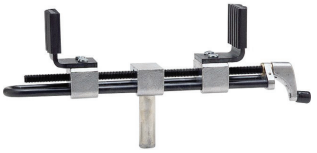
Hold larger objects with this general purpose Vise head! Jaw pads gently, yet firmly, hold a wide variety of objects including circuit boards, coils and tuners. Jaws open a generous 6".

- Jaws pads are 1.875" (47.6mm) high x 1.5" (38.1mm) wide
- Ribbed, neoprene jaw pads provide a sure grip
- Can hold and insulate PC boards and other larger objects
- Reverse the pads and the wide "V" holds delicate cylindrical objects
- Head Length: 11" (279.4mm)
- Compatible with all 300 series Bases
- Height (shaft to top of jaw pads): 5.125" (130.2mm)

PV366 52802028

376 SELF-CENTERING EXTRA WIDE

PANAVISE®



Hold larger, heavier objects with this versatile Vise head! By centering weight, this Vise head holds even larger and heavier objects with ease.

- Self-centering, extra-wide opening jaws open a full 9" (228.6mm)
- Ribbed, neoprene jaw pads are 1.875" (47.6mm) high x 1.5" (38.1mm) wide
- Provide a sure grip; reverse the pads and the wide "V" holds round or elliptical objects
- "Double action" jaws open/close quickly. Jaws can be reversed to provide 0" closure
- Compatible with all 300 series Bases
- Head Length: 11.5" (292.1mm)
- Height (shaft to top of jaw pads): 5.25" (133.3mm)

PV376 52802032

385 MICROMETER VICE HEAD JAW

PANAVISE®



Hold a micrometer or small item exactly where YOU want it! This head gently, yet firmly, holds micrometers of all sizes, in addition to small circuit boards and other items.

- Delrin pads open 0.5" (12.7mm) and close to 0" for holding thin items
- Throat depth: 0.95" (24.1mm)
- Compatible with all 300 series bases
- Height (shaft to top of jaws): 3.14" (79.8mm)
- Weight: 0.23lbs. (0.1kg)

PV385 52802036

VACUUM BENCH VICE



- Consist a vacuum base, ball joint clamp and a 75mm opening jaw
- The 'V' grooved jaws are ideal for holding cylindrical and irregular shapes,
- Multi-positional ball swivel allows the jaws' working position to be varied through a full 360° axis

TH1766 52802210

315 CIRCUIT BOARD HOLDER

PANAVISE®



Our Circuit Board Holders help you work quicker and smarter! The best holder ever created for working with circuit boards, this model fits all 300 series Bases.

- Hold circuit boards up to 12" (304.8mm) wide and up to 0.156" (4mm) thick
- Arms move independently and feature "V" shaped grooves
- Notches positioned at the arms' tips conveniently hold small parts
- Ratcheted pivot holds board horizontally, vertically or any angle in between
- Shaft is 4.125" (104.8mm) long and 5/8" (15.9mm) in diameter
- Height (bottom of shaft to tip of arms): 10.875" (276.2mm)
- Weight: 1.0lb. (0.5kg)

PV315 52802050

JUNIOR COMPLETE PANAVISE VICE

PANAVISE®



The AMAZING Mini-Vise! Perfect for arts and crafts, jewellery and model making, electronics, and other small projects! Your work is held gently, but securely, and can be positioned exactly where you want it.

- Height: 6.75" (173mm)
- Weight: 1.2lbs. (0.6kg)
- The easy-to-use single knob controls head movement - 210° tilt, 360° turn & 360° rotation
- Fine/coarse adjusting knob controls jaw pressure for delicate work
- Jaws are 2" (50.8mm) tall, 1" (25.4mm) wide, and open to 2.875" (73mm)
- Neoprene jaw pads are available for holding extremely delicate items
- Base features 4.3125" (109.5mm) bolt circle countersunk

PJV1 52802196

MINI BENCH VICE



- Vice jaws are 63.5mm wide and will open to more than 50mm
- Made of aluminium, the vice is light weight and won't rust or corrode

TH1764 52802200

270° ROTATION CLAMP VICE



- The base will clamp to any bench or table up to 55mm thick
- 40mm jaws will take a job up to 58mm in size
- Base: 115(W) x 94(D)mm

TH1769 52802220

4" PEDESTAL MOUNT BRACKET

PANAVISE®



Concave standard foot evenly distributes the mounting load, accommodates slightly irregular surfaces, will not crack.

- Knob and set-screw adjusting option included
- Overall mount height (including shaft) is 4" (101.6mm)
- 210° Tilt, 360° Turn & 360° Rotation under the component
- Aluminium, zinc and steel construction
- Rectangular AMPS pattern: 30x38mm (1.181"x1.496") on centre
- Base measures: 2.5"x2.5" (63.5x63.5mm)

72704 52802500

WRENCHES & SOCKET SETS

7-PIECE HEX NUT DRIVER SET

Pro'sKit®



Precision long reach. Extra-thin walled with DEEP Sockets and Duplex colour rubber handles for hexagon nuts and bolts.

- Contents: 3, 3.5, 4, 4.5, 5, 5.5, 6mm
- Complete set pack with vinyl pouch

PK9402 52561410

SOFT GRIP SHIFTER

Pro'sKit®



- Drop forged
- Precision hardened steel
- Insulated soft grips
- Chrome vanadium steel
- Jaw adjusts to accommodate various sizes of bolts, nuts and pipes

Jaw	OAL	Model	Code
25mm	200mm	AW8	53120862
19mm	150mm	AW6	53120850

6" RAPID SLIDE WRENCH CRESCENT

CRESCENT



24mm jaw capacity allows tool to work with various fastener sizes.

- Slide button mechanism in handle for quick, fast adjustment
- DIY, industrial or professional use

Jaw	OAL	Model	Code
24mm	150mm	AC6NKWMP	53120868

RAPID WRENCH

CRESCENT



Works like a socket set, without all the sockets! Fits square bolts, hex bolts/screws, cup-hooks, wing nuts, thumbscrews and many more.

- Jaw capacity 4.8mm to 22.2mm
- 60-tooth ratcheting mechanism requires just a 6° swing to turn fasteners
- Convenient adjustment dial controls jaw operation, providing quick and positive grip on fasteners

FR28SMP	53120872

TORQUE WRENCH FOR F CONNECTOR

TOOLS



Angled head designed torque wrench for 'F' connectors.

- Long shaft for better work performance
- Soft-grip handle
- Hex dimension : 7/16
- Torque: 3.4 Nm

HT602B2	53120940

SAFETY APPAREL

KNEE PROTECTORS - LUFKIN

Lufkin



Acid, oil and heat resistant face (tested and passed 230 degree).

- Quick fit, single strap
- Extreme comfort
- Stability ridges provide a stable working position
- The pads are made from hard-wearing polyurethane
- Ergonomic strap configuration keeps pad in place

LKPN	53200990

POINT OF SALE

BARCODE SCANNER

BIDIRECTIONAL BARCODE SCANNER

ocom



Handheld laser barcode scanner.

- High scan rate (100 scans/sec) and long reading distance
- Excellent decode capability
- KBW, RS232 and USB supported
- Durable construction combined with future-proofing
- Auto-scan feature works when the scanner while it is on the stand

LA11	52360005

LABEL PRINTERS

PORTABLE LABEL PRINTER

DYMO



The DYMO Portable Labeller PL150 is a compact, rugged tool for fast, on-site creation of labels that last in challenging industrial environments.

- QWERTY key pad
- One touch hot keys for quick label formatting
- 80 symbol library
- Accepts labels up to 19mm
- Backlit LCD display
- Protective rubber bumper
- Barcode capability
- Stores 25 labels
- Prints on industrial grade labels, including heatshrink

	PL150	44400001
Spare Li-Ion battery	PL300BAT	44400007

3M PORTABLE LABEL PRINTER

DYMO



The best portable labelling tool for high-end electrical, MRO, datacom and construction professionals is more than a tool. The 3M Portable Labeller PL200 is the advanced, easy to use labelling system that puts a premium on your reputation and your time.

- One touch hot keys for quick label formatting
- 122 symbol library
- Accepts labels up to 19mm
- Backlit LCD display
- Protective rubber bumper
- Barcode capability
- Stores 100 labels
- Prints on industrial grade labels, including heat-shrink

+ Li-Ion battery & Hard case	RHINO5200KIT	44400006

LABELLER HEAT-SHRINK TUBING CARTRIDGE

DYMO



- UV Resistant
- Length: 5'
- Compatible with PL200 / PL300

○	19mm	HS-WHT-3/4	44400022
○	9mm	HS-WHT-3/8	44400020
○	12mm	HS-WHT-1/2	44400021
●	6mm	HS-YEL-1/4	44400015
○	6mm	HS-WHT-1/4	44400019
●	9mm	HS-YEL-3/8	44400016
●	12mm	HS-YEL-1/2	44400017
●	19mm	HS-YEL-3/4	44400018

LABELLER VINYL TAPE REFILL CARTRIDGE

DYMO



- Length: 18'
- Chemical & UV Resistant
- Compatible with PL100, PL150, PL200, PL300

19mm	Nylon	DYSD18489	44400030
12mm	Vinyl	V-WHT-1/2	44400024
9mm	Vinyl	V-WHT-3/8	44400023
19mm	Vinyl	V-WHT-3/4	44400025

LABELLER POLYESTER TAPE REFILL CARTRIDGE

DYMO



- Length: 18'
- Chemical, Oil, UV & Water resistant
- EU RoHS Compliant
- Compatible with PL100, PL200, PL300

9mm	Polyester	P-WHT-3/8	44400036
12mm	Polyester	P-WHT-1/2	44400037

TOOL KITS

COAXIAL CRIMP TOOL KIT

Pro'sKit



Ideal for network, telecom and CATV installers and maintenance engineers.

- Crimping tool
- Rotary coaxial cable stripper
- Round cable cutter
- Screwdriver #1x125
- 5x Crimping Dies
- Carrying case

6PK330K	50406005

RJ45 TERMINATION HAND TOOL KIT

3 Innovation



All in one RJ45 Termination pod.

- Includes smart belt clip
- Efficiently save on-site time with correct tools

K0901 50406050

ELECTRONIC TOOL KIT

Pro'sKit®



Combination locking brief case with sturdy removable pallets designed to hold all pieces securely. This wide selection of quality tools are designed for most electronic maintenance and repair jobs.

PK305K 52643009

ELECTRONIC MASTER TOOL KIT

Pro'sKit®



With just about every tool an electronics technician may need, including soldering iron and multimeter, the mobile repairer can be confident he won't have to go back to his van multiple times on a job.

- Combination lock case
- Tool pockets and elastic straps hold all tools securely

PK700NK 52643021

MODULAR CRIMPING TOOL KIT

H TOOLS



8P8C and 6P6C crimping kit.

- Deluxe steel, light weight, compact & durable crimper
- Stripper / Cutter for UTP/STP cable
- 30x 8P8C plugs
- 30x 6P6C plugs

HT2568A 52643120

45-PIECE MINI RATCHET KIT

CRESCENT



This 45-piece mini ratchet kit comes in a high quality plastic case with spring-actuated locks and designed to be secured with a padlock.

- Kit includes:
- Quick release ratcheting drive
- Superlock sockets
- Bit sockets
- Hex keys
- Spinner and sliding handles
- And more...

CTK45EU 52645020

70-PIECE RATCHET KIT

CRESCENT



With 1/4" and 3/8" quick-release ratcheting drives, 32 SAE and metric sockets, 12 SAE and metric combination wrenches, plus 24 other tools, this is one of the most versatile tool selections ever assembled. All tools are industrial-quality, meeting stringent new ANSI and ASME specifications, and come with a full satisfaction guarantee.

- 3/8" 72-Tooth Quick-release Ratchet Drive
- 12-Point Sockets: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
- 1/4" 72-Tooth Quick-release Ratchet Drive
- 6-Point Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16
- Combination Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16"
- SAE Hex Keys with Holder
- 1" Driver Bits: Phillips®, slotted, Torx®, and hex

CTK70MP 52645027

MULTI-PURPOSE MAINTENANCE KIT

Pro'sKit®



- 5" Diagonal Cutting pliers, 5" Long-nose pliers, 6" Lineman's pliers
- IC Extractor
- Tape measure
- Hex keywrench set
- 6x screwdrivers
- And more...

PK2001K 52645016

LARGE FOLDING TOOL KIT

CRESCENT



Crescent 148-Piece Tool Kit.

- 72 tooth, 5° swing arc, quick release ratchets, 1/4' & 3/8" & 1/2"
- Sockets, 1/4",3/8",1/2" Dr. std. and deep lengths from 3/16" to 7/8" and 4 to21mm – plus 5/8" and 3/16" spark plug sockets
- Combo wrenches: 5/16" to 5/8" & 10 to 15mm
- Screwdrivers, slotted & Philips
- SAE Hex keys in holder
- Pliers, long nose, cutting & diagonal cutting
- Magnetized, 1/4"bit driver handle and 44 pieces Phillips, slotted, hex & Torx bits

CTK148 52645030

ELECTRICIANS TOOL KIT

CRESCENT



74-Piece Apprentice Tool Kit comprising quality hand tools from leading brands.

- More than $350 of additional value
- Contents include the market leading 3800CTV Crescent Linesman's Pliers
- Kit qualifies under the tools for your trade apprenticeship scheme
- Industrial tough products
- Includes safety equipment

CTKAE2N 52645035

INSULATED ELECTRICIAN TOOL KIT



Cutters, pliers, wire strippers, 5 screwdrivers.

- 2 rolls of insulation tape
- Handy carry case

T2175 52645100

42-PIECE 1/4" & 3/8" SOCKET SET

GEARWRENCH



Surface Drive® Technology virtually eliminates the rounding of fasteners.

- 3/8" Drive Full Polish Teardrop Ratchet; 3" Extension Bar; Universal Joint
- 1/4" Drive Full Polish Teardrop Ratchet; 1/4"F x 3/8"M Adapter
- 3/8"F x 1/4"M Adapter; Spark Plug Socket 5/8"; Spark Plug Socket 13/16"

83050 52645040

31-PIECE 1/4" DRIVE & WRENCH SET

GEARWRENCH



Non-Ratcheting Wrenches: 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm.

- 1/4" Drive 6pt. Standard Sockets: 4mm, 5mm, 6mm,7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm
- 1/4" Drive 6pt. Standard Sockets: 3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 7/16", 1/2"
- 1/4" Drive Universal Joint; 1/4" Drive Standard Extension 3"
- 1/4" Drive Full Polish Teardrop Ratchet; 1/4" Drive Flex Handle 5-1/2"
- Blow moulded case: 168mm x 360mm

83060 52645044

COMPRESSION TOOL KIT

DIGITEK Complete Digital Solutions



Kit includes:

- Cable cutter
- Cable stripper
- Compression tool for RCA, BNC, 'F', and IEC connectors
- One-Cycle Ratcheting Mechanism
- Completely Adjustable/Replaceable Blades
- Allen Wrench Built-into Handle
- Strips RG6, RG59, & RG58

CTK2 52645060

110-PIECE 12V ROTARY TOOL KIT



- Rotary tool: 12V DC, 16W, 12,000 RPM
- 100+ bits and attachments

TD2451 52645090

QUICKCAP STARTER KIT

PROVISION SECURITY PRODUCTS



A new way to terminate coaxial cable. Now there is no need to carry multiple strippers and crimpers for individual cable sizes. With the Quickcap system, one set of tools does all and saves you time and money. One stripper, one crimper and one connector terminates sizes from RG179 to G59/RG6/quad shield coaxial cables with a perfect termination every time.

- Quick Caps are reusable
- Includes Stripping and Crimping Tools
- 15x BNC & 15x 'F'-type connectors
- 30x Assorted Quickcaps
- 2x DC Connectors for testing
- All in a durable carry case

QUICKCAP 52645095

ROADSIDE AUTO EMERGENCY KIT



5 LED Head torch.

- Light duty jumper cable set
- Emergency rain poncho
- Fabric gloves
- Tyre pressure gauge
- First aid bandages and disinfectant pads
- Multipurpose tweezers

ST3267 52645105

STORAGE

CABINETS

DRAWER ORGANISER CABINET

Fischer



Consists of single compartment drawers.

- Tough durable drawers
- Individual Drawer Size: 70(W) x 125(D) x 40(H)mm
- Body made from High Impact Styrene
- Drawers made from durable co-polymer
- Made in Australia

Type	Height x Width x Length	Model	Code
20-Drawer	230 x 305 x 128mm	1H051	05010308
12-Drawer	188 x 230 x 128mm	1H050	05010301

PACK 24 STOR-PAK BIN LABELS

Fischer



White bin labels for Fischer Plastic Stor-Paks. Suitable for all models – from the tiny 0.5lt STB5B up to the largest 24lt STB240B model.

1H052 05010309

MULTI-SIZE 22-DRAWER CABINET

Fischer



Fischer 22 draw storage cabinet.

- Unit Size - 305(W) x 128(D) x 230(H)mm
- 18x1 small compartment drawers (70(W) x 130(D) x 40(H)mm)
- 3x1 medium compartment drawers (140(W) x 130(D) x 40(H)mm)
- 1x1 large compartment drawers (440(W) x 130(D) x 40(H)mm)
- Hospital grade material

1H053 05010310

DRAWER ORGANISER INSERTS

Fischer

Divider insert for organiser drawers.

- Suitable for Fischer Plastics 1H044, 1H50, 1H051 drawer organisers
- Dimensions: 62(W) x 38(D) x 38(H)mm
- 3 inserts fit per drawer (sold individually)

Type	Height x Width x Length	Model	Code
Drawer insert	38 x 62 x 38mm	1H046	05010312

VISI-PAK STORAGE DRAWERS

Fischer



Fully modular storage containers ideal for home storage, in store merchandising, crafts, office supplies etc. With special clips which enable them to fit onto a louvre panel or alternatively screwed to wall or left free standing.

- Made from G.P., H.I. Styrene
- Clear removable compartment keeps contents clean and allows easy visual stock control
- For modular configuration, clip together horizontally or stack vertically
- Swivel compartment for easy access
- Removable compartment keeps contents clean and allows easy visual stock control
- Made in Australia

Type	Height x Width x Length	Model	Code
Large	235 x 208 x 167mm	1H042	05011155
Medium	180 x 154 x 126mm	1H041	05011150
Small	120 x 103 x 83mm	1H040	05011145

SPARE VISI-PAK LOUVRE CLIPS

Fischer



Extra Visi-Pak Clips to fit onto Louvre Panels.

- These clips allow a Visi-Pak to be clipped on to a louvre panel
- Suits 1H040, 1H041 & 1H042 drawers

1H043 05011160

BAGS & CASES

16 CLEAR COMPARTMENT TILT-PAK

Fischer



Tilt-Pak 4 drawer portable unit (Lockable / 16 division).

- Freestanding or mountable
- 4 lockable drawers (Lock-in Clips, no accidental spillage)
- Domestic or commercial
- Easy grip carry handle
- Strong and durable
- All plastic construction
- Joins to another unit

1H166 05015010

EZIPAK COMPLETE MODULE

Fischer



Easy storage solution for the man in a van.

- 2x 1H151 Ezi-Paks
- 21 compartments
- Removable dividers
- Easy grip handle
- 1x 1H156 Frame

1H155 05014970

SPARE PARTS TRAY CARRY CASE

Fischer



The 1H161 includes 3 spare trays - Combine with spare parts trays to easily fit all your bits and pieces.

- Can carry 4 standard or 2 wide spare parts trays or 8 accessory boxes or combo.
- Comes Complete with two 100 x 300 & one 200 x 300 spare parts trays
- Base legs
- External: 425(W) x 420(D) x 110(H)mm
- Internal: 415(W) x 355(D) x 100(H)mm
- Blue ABS base, black ABS clips and CLEAR polycarbonate lid
- Great for tradesperson, builders, etc.

1H161 05015001

SPARE PARTS TRAY CARRY CASE

Fischer



Combine with spare parts trays to easily fit all your bits and pieces.

- Can carry 4 standard or 2 wide spare parts trays or 8 accessory boxes or combo
- Blue ABS base, black ABS clips and CLEAR polycarbonate lid
- Great for tradesperson, builders, etc.
- Base legs
- External: 425(W) x 420(D) x 110(H)mm
- Internal: 415(W) x 355(D) x 100(H)mm

1H162 05015005

20-COMPARTMENT STORAGE DRAWER

ROLA·CASE



The growing storage system – for the easy storage and handling of accessories and tools.

- Enables you to take your storage system where ever you go
- Storage flexibility
- Permanent mobile or workshop storage
- Quick identification
- Adjustable partitions Made from high impact ABS plastic
- Each case separately locked
- Size: 368(W) x 85(H) x 370(D)mm

RC001 05015033

11-COMPARTMENT QUICK KIT

ROLA·CASE



Rolacase is a versatile storage system for the transfer and handling of components, tools and instruments.

- 10 small compartments, 1 large tool compartment in front of case
- Dimensions: 310(W) x 210(D) x 50(H)mm
- Suits RC003 Rolacase Drawer or standalone use

●	QK001	05015045
●	QK001	05015046

2X ROLACASE FRAME ONLY

ROLA·CASE



Holds 2x RC001 or RC002 series cases.

- Dimensions: 419(W) x 460(D) x 250(H)mm

RC2FR 05015047

3X ROLACASE FRAME ONLY

ROLA·CASE



A strong stackable dark brown metal frame, designed to hold 3x Rolacases.

- To suit RC001 or RC002 series cases
- Dimensions: 419(W) x 460(D) x 350(H)mm
- (Box not included)

RC3FR 05015049

4X ROLACASE FRAME ONLY

ROLA·CASE



Holds 2x RC001 or RC002 and 2x RC003 series cases.

- Dimensions: 419(W) x 460(D) x 571(H)mm

RC5FR/4D 05015056

ROLACASE STORAGE DIVIDER

ROLA·CASE

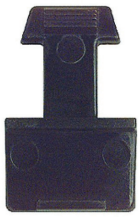


Single divider for RC001 Rolacase to partition into different sized compartments.

RCPLD 05015060

SPARE ROLACASE FRONT CLIP

ROLA·CASE



Plastic locking clip for Rolacase RC001.

RCLCH 05015102

EZI-PAK CARRY CASE BLUE

Fischer



- Base legs
- A.B.S. base & clip
- Removable dividers to create larger storage area
- 21 compartments
- Clear polycarbonate lid
- Dimensions: 370(W) x 432(D) x 85(H)mm
- Australian Made

1H150 05018042

LARGE ABS IP66 ENCLOSURE

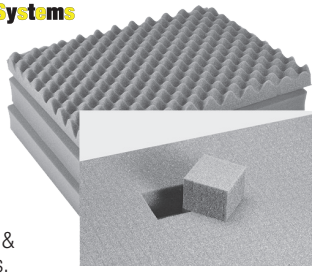


Gasket seals, stainless steel hardware and IP66 rated. Ideal for use in industrial, marine and other harsh environments.

HB6404 07322010

REPLACEMENT INFILL FOAM

CableSafe Systems



Suits GS020 & GS021 cases.

GSSP20 07323066

PROTECTIVE CASE WITH FOAM INSERTS

CableSafe Systems



The Gearsafe range of protective cases are waterproof and air tight and offer a high quality option at a more affordable price to their competitors in the market.

- Watertight (IPX7 Rated)
- Dust Proof
- Shock and Vibration proof
- Lightweight
- Moulded handles tested to 250kg breaking strain
- Super strong latches
- Made from hi-impact plastic

	Height x Width x Length	Model	Code
●	200 x 515 x 415mm	GS020B	07323024
●	200 x 515 x 415mm	GS020R	07323026
●	145 x 460 x 330mm	GS021B	07323028
●	154 x 430 x 380mm	GS016B	07323018
●	154 x 430 x 380mm	GS016R	07323020

	Height x Width x Length	Model	Code
●	120 x 330 x 280mm	GS012B	07323012
●	120 x 330 x 280mm	GS012R	07323014
●	90 x 210 x 167mm	GS007B	07323006
●	90 x 210 x 167mm	GS007R	07323008

TROLLEY CASE WITH FOAM INSERTS

CableSafe Systems



The Gearsafe range of protective cases are waterproof and air tight and offer a high quality option at a more affordable price to their competitors in the market. Ideal for photographic and electronic equipment, or anything of value that needs protecting.

- Rubber "O" ring seal
- Watertight (IPX7 Rated)
- Dust, vibration, and shock proof
- Made from high impact shock proof plastic
- Super strong latches that are still very easy to open – lockable in two places
- Comfortable moulded handles - tested to 250kg breaking strain
- Replaceable wheels and handles
- All cases have an air valve for equalisation prior to opening (ie. after flying)

Height x Width x Length	Model	Code
340 x 625 x 420mm	GS028	07323038
290 x 560 x 355mm	GS026	07323036
200 x 475 x 390mm	GS023	07323034
225 x 530 x 355mm	GS022	07323032

PLASTIC WATERPROOF CASE

DOSS®



Keep all your valuable equipments away from water, dust and crush!

- Impact resistant
- Dustproof & Stackable
- Powerclaw™ latching system
- Soft grip foldable handle
- Automatic pressure release valve
- Supports padlock for extra security
- High performance gasket
- 100% Stainless steel hardware
- Meets airline carry-on regulations

Height x Width x Length	Model	Code
209 x 484 x 419mm	FS04B	07324070
199 x 444 x 369mm	FS03B	07324040
130 x 260 x 288mm	FS288B	07324010

ESSENTIAL TOOL BOX COMBO PACK

STANLEY



Combo includes 48cm and 32cm tool boxes.

- Sturdy metal latches
- Pad lock eye for security
- Top organisers – ideal for small parts

STST1-75772 53652820

559X360X229MM WATERPROOF CASE

DOSS®



Protect your valuable equipment.

- 559x360x229mm
- Impact resistant
- Powerclaw™ latching system
- Automatic pressure release valve
- High performance gasket
- Meets airline carry-on regulations
- Pull-out handle and silent rollers

Height x Width x Length	Model	Code
229 x 559 x 360mm	FS559B	07324100

LARGE 2 DRAWER TOOL BOX

Fischer



Size: 400(W) x 230(D) x 250(H)mm.

- With lift-out tray
- 4 compartment tote tray including "easy scoop" compartments for small parts
- Partitioned tote tray
- Designed and made in Australia
- Deep bottom storage area
- Sturdy co-polymer construction
- Handle & Clips - A.B.S.

1H127	53652809

SMALL HANDY TOOL / TACKLE BOX

Fischer



Size: 338(W) x 190(D) x 160(H)mm.

- With lift out tray
- 4 compartment tote tray including "easy scoop" compartments for small parts
- Partitioned tote tray
- Designed and made in Australia
- Deep bottom storage area
- Sturdy co-polymer construction
- Handle & Clips - A.B.S.

1H124	53652797

13" MEDIUM TOOL BOX

Fischer



Size: 400(W) x 230(D) x 203(H)mm.

- With lift-out tray
- 4 compartment tote tray including "easy scoop" compartments for small parts
- Partitioned tote tray
- Designed and made in Australia
- Deep bottom storage area
- Sturdy co-polymer construction
- Handle & Clips - A.B.S.

1H125	53652800

19" LARGE TOOL BOX

Fischer



Size: 465(W) x 300(D) x 254(H)mm.

- Includes 2 medium storage boxes (6 & 14 compartments)
- With lift-out tray
- Partitioned tote tray
- Designed and made in Australia
- Deep bottom storage area
- Sturdy co-polymer construction
- Handle & Clips - A.B.S.

1H126	53652808

BINS & BOXES

CLEAR PLASTIC CARRY CADDY

Fischer



- Clear
- Easy grip handle
- Stacks on top of each other
- Made from 100% virgin Food Grade Material

Type	Height x Width x Length	Model	Code
Large	101 x 202 x 423mm	1H008	05010807
Medium	80 x 169 x 370mm	1H007	05010802

SPARE PARTS TRAY WITH DIVIDERS

Fischer



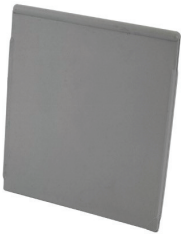
Low cost storage constructed from grey polypropylene for strength & long life as well as resistance to solvents and oils.

- Fits compactly into standard metal shelving
- Strong and durable
- Ideal for repair centres, garages, electronic shops
- Position dividers to suit your needs
- Industrial and domestic
- Made in Australia

	Type	Height x Width x Length	Model	Code
●	Large / 6-compartments	100 x 200 x 600mm	1H028	05011005
●	Large / 3-compartments	100 x 200 x 400mm	1H025	05011010
●	Large / 3-compartments	100 x 200 x 400mm	1H025GN	05011012
●	Medium / 6-compartments	100 x 100 x 600mm	1H027	05011045
●	Large / 3-compartments	100 x 200 x 300mm	1H024GR	05011015
●	Large / 3-compartments	100 x 200 x 300mm	1H024GN	05011020
●	Medium / 3-compartments	100 x 100 x 400mm	1H017	05011050
●	Medium / 3-compartments	100 x 100 x 300mm	1H012GR	05011054
●	Medium / 3-compartments	100 x 100 x 300mm	1H012GN	05011056

DIVIDER FOR PARTS TRAYS

Fischer

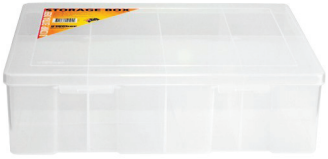


Suits Fischer Plastic Spare Parts Trays.

Large	200 x 100 mm	1H026	05011060
Medium	100 x 100mm	1H014	05011061

MULTI-COMPARTMENT STORAGE BOX

Fischer



See-through parts box produced from Random Co-polymer.

- Ideal for tradesmen, handymen or fishermen
- Flexible unbreakable plastic for rugged use
- Hinged lid with snap locking latch
- Made in Australia

Type	Height x Width x Length	Model	Code
8x	100 x 350 x 270mm	1H098	05018040
1x (A4)	100 x 350 x 270mm	1H091	05018045
20x	55 x 350 x 270mm	1H097	05011175
3x	80 x 310 x 200mm	1H090	05018038
30x	80 x 310 x 200mm	1H095	05018037
18x	48 x 310 x 200mm	1H094	05011170
1x	48 x 310 x 200mm	1H092	05018050
12x	48 x 310 x 200mm	1H093	05018039
1x	48 x 195 x 157mm	1H029	05011113
14x	48 x 195 x 157mm	1H039	05011139
6x	48 x 195 x 157mm	1H038	05011126
1x	66 x 195 x 136mm	1H032	05018041
10x	31 x 188 x 118mm	1H033	05011121
1x	31 x 188 x 118mm	1H031	05011095
5x	31 x 188 x 118mm	1H030	05011101

COMBO STORAGE TROLLEY

Fischer



Australian made storage trolley.

- Mobile with 2 lockable wheels
- Supplied with 28 Stor-Pak Bins
- Trolleys can be interconnected

1H100	05011190

COMBO STORAGE TROLLEY ONLY

Fischer



Australian made storage trolley.

- Mobile with 2 lockable wheels
- Trolleys can be interconnected
- Stor-Pak Bins optional

1H101	05011195

DIVIDER TO SUIT STOR-PAK BINS

Fischer



For extra storage versatility.

- Suits 165mm or 210mm deep bins

Suits 165mm deep bins	1H057	05018032
Suits 210mm deep bins	1H058	05018036

STOR-PAK STORAGE CONTAINERS

Fischer



The ultimate practical storage systems. Available in six sizes (from 0.5 litre to 24 litre) to accommodate small bits as well as bulky items.

- Moulded in tough, durable polypropylene
- Angled front for easy identification of contents and picking access
- Can be stacked free standing if required
- Includes card holder for contents identification
- Ideal for Garages, Workshops, Showrooms, Vans etc.
- Made in Australia

	Height x Width x Length	Model	Code
●	210 x 410 x 440mm	STB240R	05017580
●	210 x 410 x 440mm	STB240Y	05017585
●	210 x 410 x 440mm	STB240G	05017590
●	210 x 410 x 440mm	STB240CL	05017595
●	210 x 410 x 440mm	STB240B	05018007
●	165 x 410 x 275mm	STB120R	05017565
●	165 x 410 x 275mm	STB120Y	05017570
●	165 x 410 x 275mm	STB120G	05017575
●	165 x 410 x 275mm	STB120CL	05017577
●	165 x 410 x 275mm	STB120B	05018005
●	165 x 200 x 275mm	STB60G	05017560
●	165 x 200 x 275mm	STB60B	05018002
●	165 x 200 x 275mm	STB60C	05017552
●	165 x 200 x 275mm	STB60R	05017550
●	165 x 200 x 275mm	STB60Y	05017555
●	125 x 133 x 220mm	STB25R	05017535
●	125 x 133 x 220mm	STB25Y	05017540
●	125 x 133 x 220mm	STB25G	05017545
●	125 x 133 x 220mm	STB25B	05018009
●	85 x 100 x 170mm	STB10R	05017520
●	85 x 100 x 170mm	STB10Y	05017525
●	85 x 100 x 170mm	STB10G	05017530
●	85 x 100 x 170mm	STB10B	05018017
●	60 x 100 x 115mm	STB5B	05018029

SHELF TO SUIT LOUVRE PANEL

Fischer



Suitable for Fischer 1H-082 and 1H-083 Louvre Panels.

1H081	05017990

LOUVRE PANEL FOR STOR-PAK BINS

Fischer



Special louvre panels grip at the back of each Stor-Pak Bin ensures bin sits strongly and securely onto the panel.

- Moulded from ABS Plastic
- Light-weight and high-strength

Type	Height x Width	Model	Code
Large	460 x 460mm	1H083	05018000
Small	150 x 460mm	1H082	05017995

TEST EQUIPMENT

MULTIMETERS - ANALOGUE

ANALOGUE MULTI METER

This well made meter is great for those who prefer the analogue meter movement to the digital. It has several 'digital' features, like a 10 Amp DC current measuring capability a continuity buzzer and safety shrouded probes.

- 20,000Ω /V DC Sensitivity
- Transistor test
- Continuity buzzer
- Fused and diode protected
- DC Amps: 10



AMM 44426072

ANALOGUE MULTIMETER

KYORITSU

- Mirrored scale for easy and accurate reading
- Output terminal to cut off DC component when measuring AC voltage
- Safety designed input terminals and test leads



1109S 44426185

MULTIMETERS - DIGITAL

FLUKE 110 SERIES ELECTRICIANS DIGITAL MULTIMETERS

FLUKE



116 Multimeter with temperature and microamps

The 116 is for heating, ventilation and air conditioning (HVAC) engineers. It includes temperature measurement and microamp current ranges (with a resolution of 0.1µA) to quickly troubleshoot HVAC problems.



117 Electrician's Multimeter with Non-Contact Voltage

For electricians working in commercial and non-commercial premises (like hospitals and schools), the 117 is recommended. It includes extras like non-contact voltage detection to help get the job done faster and safer.



115 for field service testing

An everyday multimeter for technicians, the 115 is optimised for electrical and electronic testing in the field service, industrial, and applications where more than basic functionality (such as measurement of AC/C current) simplifies working.



114 Electrical Multimeter

The 114 is ideal for electrical troubleshooting and straightforward 'go/no-go' testing in residential/ commercial electrical testing. It has all the basic functions plus a special feature to prevent false readings caused by ghost voltage.

	116F	117F	115F	114F
Display backlight	■	■	■	■
Analog bar graph	■	■	■	■
AutoVolt (AC/DC detection)	■	■		■
VoltAlert (Non-contact voltage detection)		■		
Built-in thermometer for HVAC	■			
LoZ: low input impedance prevents ghost voltage	■	■		■
Min/Max/Avg	■	■	■	■
Resistance / Continuity	■	■	■	■
Frequency/Capacitance/Diode test	■	■	■	
Microamps to test flame sensors	■			
Display hold	■	■	■	■
Auto/manual ranging	■	■	■	■
Compact case with removable holster	■	■	■	■

	116F	117F	115F	114F
Display	6000 count + 33-seg bar			
DC Voltage	**600V** 0.1mV ±(0.5%+2)			
AC Voltage	**600V** 0.1mV ±(1.0%+3)			
DC Current	**10A** 1mA ±(1.0%+2)		**10A** 1mA ±(1.0%+3)	-
AC Current	**10A** 0.01mA ±(1.0%+2)	**10A** 0.01mA ±(1.5%+3)		-
Resistance	**40MΩ** 0.1Ω ±(0.9%+1)			
Capacitance	**10,000µF** 1nF ±(1.9%+2)			-
Frequency	**50kHz** 0.01Hz ±(0.1%+2)			-
Temperature	**–40~400°C** 0.1°C ±(1.0%+10°)	-		
Continuity tone	Yes			
Diode test	Yes			

116F	44482294
117F	44482296
115F	44482292
114F	44482291

IP64 DIGITAL MULTIMETER


760-3


760-2


760-1

	760-3	760-2	760-1
Display	6,000 counts		4,000 counts
DC Voltage	**1000V**	**600V**	
AC Voltage	**1000V**	**600V**	
DC Current	**10A**		
AC Current	**10A**		
Resistance	**60MΩ**		**40MΩ**
Capacitance	**60,000µF**	**30,000µF**	**200µF**
Frequency	0.001Hz ~ 30MHz	0.001Hz ~ 10MHz	0.001Hz ~ 500kHz
Temperature	-20 ~ 500°C		
Continuity tone	Yes		
Diode test	Yes		

The testo 760-1 digital multimeter gives you easier and more reliable measurement

- Automatic measurement parameter detection
- Clear, illuminated display
- IP64
- Dimensions (LxWxH): 167x84x45mm
- 2 Year Warranty

760-3	44482104
760-2	44482102
760-1	44482100

FLUKE 170 SERIES DIGITAL MULTIMETERS


179F


177F


175F

	179F	177F	175F
Display	6000 count + 33-seg bar		
DC Voltage	**1000V** 0.1mV ±(0.09%+2)		**1000V** 0.1mV ±(0.15%+2)
AC Voltage	**1000V** 0.1mV ±(1.0%+3)		
DC Current	**10A** 0.01mA ±(1.0%+3)		
AC Current	**10A** 0.01mA ±(1.5%+3)		
Resistance	**50MΩ** 0.1Ω ±(0.9%+1)		
Capacitance	**10,000µF** 1nF ±(1.2%+2)		
Frequency	**100kHz** 0.01Hz ±(0.1%+1)		
Temperature	**–40~400°C** 0.1°C ±(1.0%+10)		
Continuity tone	Yes		
Diode test	Yes		

These meters have the features needed to find most electrical, electro-mechanical and heating and ventilation problems. They are simple to use and have significant improvements over Fluke's original 70 Series like, True-RMS, more measurement functions, conformance to the latest safety standards, and a much larger display that's easier to view.

- True-RMS voltage and current measurements
- 0.09% basic accuracy (179, 177)
- Digital display with analogue bar graph
- Manual and automatic ranging
- Frequency and capacitance measurements
- Min. / Max. / Avg recording
- Measures twice as fast as other multimeters

179F	44482540
177F	44482532
175F	44482517

INDUSTRIAL TRUE-RMS MULTIMETER



New features for maximum productivity – for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment.

- Built-in thermometer
- Large digit display with bright, two-level backlight
- True-RMS AC voltage and current for accurate measurements on non linear signals
- Selectable filter for accurate voltage and frequency measurements on motor drives
- Peak capture to record transients as fast as 250µs
- Relative mode to remove test lead interference from low Ω measurements
- "Classic" design with new removable holster with built-in test lead and probe storage

	87-V
Display	4½ digits (20,000 counts)
DC Voltage	**1000V** 10µV ±(0.05%+1)
AC Voltage	**1000V** 1mV ±(0.7%+2)
DC Current	**10A** 0.01µA ±(0.2%+2)
AC Current	**10A** 0.1µA ±(1.0%+2)
Resistance	**50MΩ** 0.1Ω ±(0.2%+1)
Capacitance	**9,999µF** 0.01nF ±(1.0%+2)
Frequency	**200kHz** 0.01Hz ±(0.005%+1)
Duty	**99.9%** 0.1% ±(0.2%/kHz+0.1%)
Temperature	**–200~1090°C**
Continuity tone	Yes
Diode test	Yes

87-V	44482570

DIAGNOSTIC LOGGING MULTIMETER

FLUKE®



The Fluke 287 True-RMS digital multimeter was designed for those of you at the top of your field. The instrument replaces the popular 180 Series, with all the same features, plus more. This multimeter performs advanced unattended data logging, and shows trend data on screen without having to download to a PC. TrendCapture helps engineers and technicians track down problems faster during (for example) preventive and predictive maintenance.

- Large 50,000 count, 1/4 VGA dot matrix display
- Data logging function with expanded memory
- TrendCapture allows you to graphically review logged readings right on the meter, without needing a PC. Store, up to 15,000 readings over time
- Advanced Min/Max/Average – all the data on one screen, with start and elapsed time
- "i" button – provides on-board function help
- Lifetime warranty

Display	Graphical (50,000 counts)
DC Voltage	**1000V** 0.025%
AC Voltage	**1000V** 0.4%
DC Current	**10A** 0.05%
AC Current	**10A** 0.6%
Resistance	**500MΩ** 0.05%
Capacitance	**100mF** 0.05%
Frequency	**999.99kHz** 0.005%
Continuity tone	Yes
Diode test	Yes
	287F 44482572

AUTOMOTIVE DIGITAL MULTIMETER

DOSS®



Digital Automotive Engine Analyser Multimeter.

- LCD Display
- Drop-Proof Holster
- Full protection on all ranges
- Easy battery replacement
- Display: 3 1/2 Digits LCD with a max reading of 1999
- Resistance: 200Ω, 2kΩ, 20kΩ, 200kΩ / 20mΩ

Display	3½ digits (1,999 max)
DC Voltage	200mV, 2V, 20V, 200V
DC Current	200mA, 15A
Resistance	20mΩ, 200Ω, 2kΩ, 20kΩ
Tachometer	0 ~ 12,000rpm
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes
	DM1440 44488090

BASIC DIGITAL MULTIMETER

DOSS®



- General Purpose, Low Cost DMM in sturdy safety yellow case, complete with shrouded safety
- Diode and Audible Continuity Test
- 3.5 digit LCD with a Max. reading of 1999
- Low battery indication
- Weight: 170g
- Size: 70 x 126 x 24mm

Display	1999 counts
DC Voltage	1000V ±0.5%
AC Voltage	750V ±1.2%
DC Current	10A ±1.0%
Resistance	2MΩ ±1.0%
Continuity tone	Yes
Diode test	Yes
Other Features	0.8mA Square Wave Output
	DT830D 44488095

XL DISPLAY DIGITAL MULTIMETER

DOSS®



Features an extra large display with 25mm high digits. This is a full-featured meter with a high resistance range of 20MΩ, 10A current rating, capacitance reading to 200uF, transistor tester and temperature to 800 degrees Celsius. The meter is supplied with temperature probe, rubber holster and probe leads.

- 3.5 Digital Extra Large Display
- Input impedance: 10MΩ
- Dimension: 44(H) x 91(W) x 194(L)mm

Display	3½ digits (1,999 max)
DC Voltage	**600V** ±0.5%
AC Voltage	**600V** ±1.0%
DC Current	**10A** ±1.0%
AC Current	**10A** ±1.5%
Resistance	**20MΩ** ±0.8%
Capacitance	**20μF** ±2.5%
Temperature	–20°C ~ +800°C ±3.0%
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes
	DM8100 44488100

TRUE-RMS DIGITAL MULTIMETER STANDARD



ST9927T, the new benchmarks multimeter, sets the standard with a combination of precision, features, ease-of-use, safety and reliability.

- True-RMS AC Voltage and Current readings
- EN61010-1 CAT IV 600V, CAT III 1000V
- 1000V input protection on all ranges
- 10A/1000V & 0.5A/1000V fuses protection on current ranges
- 61-segment Analogue bargraph

Display	6000 count + 61-seg bar
DC Voltage	**1000V** ±0.5%
AC Voltage	**1000V** ±0.8%
DC Current	**10A** ±1.2%
AC Current	**10A** ±1.8%
Resistance	**60MΩ** ±0.8%
Capacitance	**1000μF** ±3.0%
Frequency	**10MHz** ±1.5%
Duty	**99.9%** ±1.2%
Temperature	**760°C** ±3.0%
Continuity tone	Yes
Diode test	Yes
	ST9927T 44488105

PEN TYPE DIGITAL MULTIMETER STANDARD



7-function Pen-type Digital Multimeter.

- Large 3-¾ digital LCD display with Bargraph
- Full function indication
- Diode and audible continuity test

Display	3¾ digits (1,999 max) + bar
DC Voltage	**600V** ±0.8%
AC Voltage	**600V** ±1.2%
DC Current	**200mA** ±1.5%
AC Current	**200mA** ±2.0%
Resistance	**20MΩ** ±3.0%
Continuity tone	Yes
Diode test	Yes
	ST3280 44488110

3-IN-1 AUTORANGING METER

STANDARD



ST118 Multimeter can test up 600V AC/DC Voltage and 200mA AC/ DC current.

- Pocket size, easy to carry
- Double Moulded housing
- CAT IV 600V safety designed
- Non-Contact voltage detection

Display	2000 count
DC Voltage	**600V** ±0.5%
AC Voltage	**600V** ±1.2%
DC Current	**200mA** ±2.0%
AC Current	**200mA** ±2.5%
Resistance	**20MΩ** ±0.8%
Capacitance	100μF ±(3.0% ±5d)
Frequency	**100kHz** ±(0.8%±5d)
Continuity tone	Yes
Diode test	Yes
	ST118 44488113

TRUE-RMS DIGITAL MULTIMETER

UNI-T



True-RMS.

- Display count 4000
- DC current from 400uA to 10A
- Resistance 40mΩ
- No temperature probe

Display	4000 count
DC Voltage	600V ±(0.5%+2)
AC Voltage	600V ±(0.8%+3)
DC Current	10A ±(0.7%+2)
AC Current	10A ±(1.0%+3)
Resistance	40MΩ ±(0.8%+2)
Capacitance	99.99mF ±(4.0%+5)
Frequency	10Hz~10MHz ±(0.1%+4)
Duty	0.1% ~ 99.9%
Input Impedance	1GΩ
Continuity tone	Yes
Diode test	Yes
	UT139B 44488207

POCKET SIZE DIGITAL MULTIMETER

UNI-T



Not True-RMS.

- Display count 4000
- Auto range
- No DC current
- No AC current
- No temperature probe

DC Voltage	600V ±(0.8%+3)
AC Voltage	600V ±(1.2%+3)
Resistance	40MΩ ±(1%+2)
Capacitance	100μF ±(4%+3)
Frequency	99.99Hz ~ 99.99KHz ±(0.5%+3)
Duty	**0.1%~99.9%**
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes
	UT120B 44488218

TRUE-RMS DIGITAL MULTIMETER

UNI-T



True-RMS.

- RS232
- Max display 3999
- DC current 10A
- Resistance 40mΩ
- Temperature probe

Display	3999 (max display)
DC Voltage	**1000V** ±(0.8%+1)
AC Voltage	**750V** ±(1.0%+5)
DC Current	**10A** ±(1.0%+2)
AC Current	**10A** ±(1.5%+5)
Resistance	**40MΩ** ±(1.0%+2)
Capacitance	**100μF** ±(3.0%+5)
Frequency	**10MHz** ±(0.1%+3)
Duty	**99.90%**
Temperature	**–40~1000°C** ±(1.0%+3)
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes
	UT60E 44488205

TRUE-RMS DIGITAL MULTIMETER

UNI-T



True-RMS.

- Display count 6000
- DC current from 600uA to 10A
- Resistance 60mΩ
- Temperature probe

Display	6000 count
DC Voltage	600V ±(0.5%+2)
AC Voltage	600V ±(0.8%+3)
DC Current	10A ±(0.7%+2)
AC Current	10 ±(1.0%+2)
Resistance	60MΩ ±(0.8%+2)
Capacitance	99.99mF ±(4.0%+5)
Frequency	10Hz ~ 10MHz ±(0.1%+4)
Duty	0.1% ~ 99.9%
Temperature	–40~1000°C ±(1.0%+3)
Input Impedance	1GΩ
Continuity tone	Yes
Diode test	Yes
	UT139C 44488208

PALM SIZE DIGITAL MULTIMETER

UNI-T



- Display count 1999
- Auto range
- AC current
- Resistance 20mΩ
- Transistor test
- Auto backlight off

Display	1999 (max display)
DC Voltage	**600V** ±(0.5%+3)
AC Voltage	**600V** ±(0.7%+3)
DC Current	**10A** ±(1.0%+3)
AC Current	**10A** ±(1.2%+3)
Resistance	**20MΩ** ±(1.0%+2)
Continuity tone	Yes
Diode test	Yes
	UT33A+ 44488228

PALM SIZE DIGITAL MULTIMETERS

UNI-T



Not True-RMS.

- Display count 2000
- Not auto range
- No AC current
- Resistance 200mΩ
- No transistor test
- Data hold
- LCD back light

Display	2000 count
DC Voltage	500V ±(0.5%+2)
AC Voltage	500V ±(1.2%+10)
DC Current	10A ±(1%+2)
Resistance	200MΩ ±(0.8%+2)
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes
Other Features	Square Wave Output
	UT33D 44488231

CAPACITANCE/RESISTANCE METER

UNI-T



Designed to test resistance & capacitance.

- Diode & Continuity Buzzer
- Transistor tester
- Auto power off

Display	1999 (max display)
Resistance	**2000MΩ** ±(0.8%+1)
Capacitance	**20mF** ±(0.5%+10)
Continuity tone	Yes
Diode test	Yes
	UT601 44488240

RMS DATALOGGING MULTIMETERS

UNI-T



Trend capture function.

- Higher extended storage 2000 recorded data
- Data filtering function: can set upper and lower values of any gear and the measured object is compared, and there is an overproof alarm
- Provide more data, multiple readings can be displayed on the screen
- Double temperature measurement: intuitive and real-time temperature contrast, improve work efficiency
- USB data transmission

UT181A 44488243

CAT.3 RATED DIGITAL MULTIMETER

KYORITSU



High performance and wide range digital multimeter from the world class manufacturer, Kyoritsu.

- Included accessories: Test leads, fuse, batteries, carry case, manual.
- Auto range and manual range selector provided. (with range hold feature)
- Resistance range provides audible continuity test
- Designed to international safety standard IEC61010-1 CAT.III 300V

Display	4000 counts
DC Voltage	**600V** ±(0.6%+4)
AC Voltage	**600V** ±(1.3%+4)
DC Current	**10A** ±(1.0%+4)
AC Current	**10A** ±(2.0%+4)
Resistance	**40MΩ** ±(1.0%+4)
Capacitance	**100μF**
Frequency	**10MHz**
Duty	**99.9%** ±(2.5%+5)
Continuity tone	Yes
Diode test	Yes
	1009KY 44488252

TEMPERATURE DIGITAL MULTIMETER

KYORITSU



- Temperature measurement, selectable for °C and °F
- REL (relative value) function to indicate the measurement variation
- Designed to international safety standards IEC61010-1 CAT.III 300V / CAT.II 600V
- Measures Pulse width / Pulse period
- Continuity with buzzer and Diode Check function

Display	6040 counts + Bar
DC Voltage	**600V** ±(0.5%+2)
AC Voltage	**600V** ±(1.2%+3)
DC Current	**10A** ±(1.2%+3)
AC Current	**10A** ±(1.5%+4)
Resistance	**60MΩ** ±(1.0%+2)
Capacitance	**4000μF**
Frequency	**10MHz**
Duty	**99.9%** ±(2.5%+2)
Temperature	**–50~700°C**
Continuity tone	Yes
Diode test	Yes
	1011KY 44488256

TRUE-RMS DIGITAL MULTIMETER

KYORITSU



- True-RMS can measure and indicate distorted waveforms
- Designed to meet international safety standards: IEC61010-1 CAT.III 300V / CAT.II 600V
- Current ranges are protected by fuses

Display	6040 counts + Bar
DC Voltage	**600V** ±(0.5%+2)
AC Voltage	**600V** ±(1.2%+3)
DC Current	**10A** ±(1.2%+3)
AC Current	**10A** ±(1.5%+4)
Resistance	**60MΩ** ±(1.0%+2)
Capacitance	**4000μF**
Frequency	**10MHz**
Duty	**99.9%** ±(2.5%+2)
Continuity tone	Yes
Diode test	Yes
	1012KY 44488260

CAT.4 TRUE-RMS DIGITAL MULTIMETER

KYORITSU



High accuracy, high performance and reliable measurements.

- User calibration function
- Low-pass filter for motor drive measurements
- True-RMS Measurements
- Terminal shutter to prevent incorrect test leads' insertion in current terminals
- Complies with IEC 61010-1 CAT.IV 600V, CAT.III 1000V

Display	6000 counts
DC Voltage	**1000V** ±(0.09%+2)
AC Voltage	**1000V** ±(0.5%+5)
DC Current	**10A** ±(0.2%+2)
AC Current	**10A** ±(0.75%+5)
Resistance	**60MΩ** ±(0.4%+1)
Capacitance	**1000μF** ±(0.02%+2)
Frequency	**99.99kHz** ±(0.02%+1)
Temperature	**–50~600°C** ±(2.0%+2°C)
Continuity tone	Yes
Diode test	Yes
	1051KY 44488280

HIGH PERFORMANCE DUAL-DISPLAY MULTIMETER

KYORITSU



- 0.02% basic DC accuracy
- Large display with 50,000 counts—dual-display for double indication for AC and DC, V and Hz, etc.
- True-RMS Measurements AC and AC+DC
- Wide AC Frequency bandwidth from 10Hz to 100kHz
- True-RMS or MEAN value detection mode can be selected
- Fast Peak Hold response time of 250µs
- Low-pass filter for motor drive measurements
- Low Power Ω for resistance measurements on sensible electronic circuits by a low and safe test current
- Complies with IEC 61010-1 CAT.III 1000V, CAT.IV 600V
- Only for KEW 1062

	1062KY	1061KY
Display	50,000 counts	
DC Voltage	**1000V** ±(0.02%+2)	
AC Voltage	**1000V** ±(0.4%+30)	**1000V** ±(0.7%+30)
DC Current	**10A** ±(0.2%+5)	
AC Current	**10A** ±(0.75%+20)	**10A** ±(1.0%+20)
Resistance	**50MΩ** ±(0.05%+2)	**50MΩ** ±(0.1%+2)
Capacitance	**50mF** ±(1.0%+5)	
Frequency	**99.99kHz** ±(0.02%+1)	
Duty	**90%** ±1.0%	
Temperature	**–200~1372°C** ±(1.0%+1.5°C)	
Continuity tone		Yes
Diode test		Yes
Other Features	↗ Peak hold ↗ Low Power Ω	

1062KY	44488295
1061KY	44488290

KYORITSU 6141 CONTRACTOR PACK

KYORITSU



Kit includes:

- KT115 Digital Multimeter
- 3132A Insulation Tester
- KT200 Digital AC Clampmeter

6141KY	46450001

DIGITAL MULTIMETER IN CASE

KYORITSU





1018SKY SOFT CASE

This is a Digital Multimeter providing high portability by means of stowing the instrument body together with probe in the notebook-size Soft or Hard cover.





1018HKY HARD CASE

- REL function to check the difference of measured values
- Auto power off function to save battery consumption
- Data hold function
- Diode and Continuity check function
- Frequency measurement function
- DUTY measurement function (Express Pulse width / Pulse period as a percentage)

Kit in hard case	1018HKY	44488325
Kit in soft case	1018SKY	44488320

MULTIMETER/TESTER PEN

KYORITSU



- Long life LED light is of good use in dark places
- Wrapping mechanism for storage of test lead in rear side compartment
- Compact in Size, Light in Weight and Simple to Use
- Double moulding provides comfortable and good feeling in hand.

Display	4000 counts
DC Voltage	**600V** ±(0.8%+5)
AC Voltage	**600V** ±(1.3%+5)
Resistance	**40MΩ** ±(1.0%+5)
Capacitance	**100µF** ±(3.5%+5)
Frequency	**200kHz** ±(0.1%+5)
Duty	**99.9%** ±(2.5%+5)
Continuity tone	Yes
Diode test	Yes

1030KY	44488400

MULTIMETERS - ACCESSORIES

DATA COMMUNICATION ADAPTOR

KYORITSU



- USB adaptor + USB cable + DMM Software
- Applicable models Kyoritsu models: 1052, 1061/1062

8241KY	44488300

KYORITSU REPLACEMENT TEST LEADS

KYORITSU

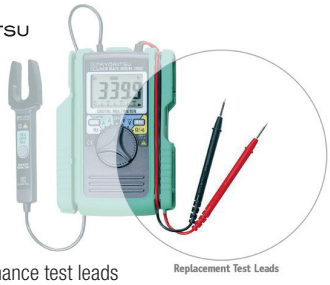


High performance test leads from the world class manufacturer Kyoritsu.

1080mm with clips	Suits 1051/52/61/62	7234KY	46010106
1080mm	Suits 1051/52/61/62	7220KY	46010104
950mm	Suits 1009/11/12	7066KY	46010100

REPLACEMENT TEST LEADS

KYORITSU



High performance test leads from the world class manufacturer, Kyoritsu.

- Applicable Kyoritsu models: KEWMATE 2000

KEWMATELEAD	46010108

TEMPERATURE TEST PROBE

KYORITSU



High performance test leads from the world class manufacturer, Kyoritsu.

- Length: 1000mm
- Applicable Kyoritsu models: 1011, 2046R, 2056R

8216KY	46010110

SURFACE TEMPERATURE PROBE

KYORITSU



High performance temperature probe from the world class manufacturer Kyoritsu.

- Connection: 4mm Banana Plug
- Applicable Kyoritsu models: 1051, 1052, 1061, 1062
- Max. 500°C
- Surface type

1400mm	Ceramic	8405KY	46010112
1380mm		8406KY	46010114

LIQUID/SEMI-SOLID TEST PROBE

KYORITSU



High performance temperature probe from the world class manufacturer, Kyoritsu.

- Length: 1540mm
- Connection: 4mm Banana Plug
- Applicable Kyoritsu models: 1051, 1052, 1061, 1062
- Max. 700ºC, Liquid, Semi-solid

8407KY 46010116

AIR / GAS TEMPERATURE PROBE

KYORITSU



High performance temperature probe from the world class manufacturer, Kyoritsu.

- Length: 1540mm
- Connection: 4mm Banana Plug
- Applicable Kyoritsu models: 1051, 1052, 1061, 1062
- Max. 600ºC, Air, Gas

8408KY 46010118

3-PIN AUSTRALIA PLUG TEST LEAD

KYORITSU



High performance replacement lead from the world class manufacturer, Kyoritsu.

- Length: 1500mm
- Applicable Kyoritsu models: 6201, 6201A

7123KY 46010125

BLACK TEST LEAD & ALLIGATOR

KYORITSU



High performance test lead and clip from the world class manufacturer, Kyoritsu.

- Length: 1450mm
- Connector: 4mm Banana Plug
- Applicable Kyoritsu models: 5410, 6200, 6201, 6201A, 6202

7129KY 46010130

SAFETY TEST LEADS

KYORITSU



High performance test lead from the world class manufacturer, Kyoritsu.

- Length: 1220mm
- Connector: 4mm Banana Plug - right angle
- Applicable Kyoritsu models: 1106, 1110, 2004, 2006, 2017, 2027, 2040, 2046R, 2055, 2056R, 2412, 2608A, 2805

7153AKY 46010140

SAFETY TEST LEAD KIT

KYORITSU



High performance leads from the world class manufacturer, Kyoritsu.

- Test leads with Alligator clips
- Length: 1220mm
- Connector: 4mm Banana Plug - right angle
- Applicable Kyoritsu models: 1106, 1110, 2004, 2006, 2017, 2027, 2040, 2046R, 2055, 2056R, 2412, 2608A, 2805, 3111V, 3165, 3166, 6010A, 6010B, 6016

7154BKY 46010145

SAFETY TEST JOINTS WITH FUSE

KYORITSU



High performance leads from the world class manufacturer, Kyoritsu.

- Includes: Fuse Joint x 2, Cap x 2, Alligator Clip for Fuse x 2 - Red & Black
- Length: 1220mm
- Connector: 4mm Banana Plug - right angle
- Applicable Kyoritsu models: 7153A, 7154A

7155AKY 46010150

SAFETY TEST LEADS WITH FUSE

KYORITSU



High performance leads from the world class manufacturer, Kyoritsu.

- Includes: Test Leads, Alligator Clip, Fuse Joint x 2, Cap x 2,
- Alligator Clip for Fuse x 2 - Red & Black
- Length: 1220mm
- Connector: 4mm Banana Plug - right angle
- Applicable Kyoritsu models: 1106, 1110, 2004, 2006, 2017, 2027, 2040, 2046R, 2055, 2056R, 2412, 2608A, 2805, 3111V, 3165, 3166, 6010A, 6010B, 6016

7156AKY 46010155

SPARE ALLIGATOR CLIPS

KYORITSU



High performance leads from the world class manufacturer, Kyoritsu.

- Alligator Clip - Red & Black
- Connector: 4mm Banana Plug
- Applicable Kyoritsu models: 7153A, 7154A

Kyoritsu models: 7155A, 7156A	7158AKY	46010165
Kyoritsu models: 7153A, 7154A	7157AKY	46010160

SAFETY TEST LEADS WITH FUSE

KYORITSU



High performance leads from the world class manufacturer, Kyoritsu.

- Test Leads with Fuse, Cap x 2, Alligator Clip for Fuse x 2 - Red & Black
- Length: 1220mm
- Connection: 4mm Banana Plug - Right Angle
- Applicable Kyoritsu models: 1106, 1110, 2004, 2006, 2017, 2027, 2040, 2046R, 2055, 2056R, 2412, 2608A, 2805, 3111V, 3165, 3166, 6010A, 6010B, 6016

7159AKY 46010170

AC/DC CURRENT CLAMP SENSOR

KYORITSU



Permits extension of the AC and DC current ranges of almost any Digital Multimeter (DMM) while not breaking the circuit under test.

- Using KEW8115 with the KEW1051/1052 meters, the display can be set for direct reading in Amps

8115KY 46010190

AC LOAD CURRENT SENSOR

KYORITSU



- Applicable models: 5010/5020

100A	Ø24mm	8121KY	46010203
500A	Ø40mm	8122KY	46010206
1000A	Ø55mm	8123KY	46010209

TEAR-DROP LEAKAGE CURRENT SENSOR

KYORITSU



- Applicable models: 5000/5001, 5010/5020 & 6310
- Cannot be used for power measurement

1A	Ø40mm	8142KY	46010233
1A	Ø24mm	8141KY	46010230

ROUND LEAKAGE CURRENT SENSOR

KYORITSU



- Applicable models: 5000/5001, 5010/5020 & 6310
- Cannot be used for power measurement

1A	Ø68mm	8143KY	46010236

ROUND LEAKAGE & CURRENT SENSOR

KYORITSU



- Applicable models: 5010/5020 & 6310
- Cannot be used for power measurement

100A	Ø68mm	8148KY	46010248

TEST LEAD CLIP ADAPTOR SET

FLUKE



Set of three (one red, one grey, one black) safety designed insulated Probe Tip Alligator Clips.

- Designed for use with STL 120 Shielded Test Leads and TL75 Test Leads
- Accepts standard 0.08'' (2mm)-pin tip sized test probes
- Nickel-plated steel jaw contact material
- Maximum Voltage: 600Vrms CAT III per IEC 1010-2-031
- Maximum Current: 10A
- Jaw Opening: 5/16'' (8mm)

AC120 46010460

TL75 TEST PROBE ADAPTOR KIT

FLUKE



Set of push-on adapters for TL71 and TL75 test probes.

- IC test adapters, extended probe tips, medium alligator clips (max. opening 7.6 mm)
- CAT III 300 V, 3 A rating

TP920 46010480

BASIC ELECTRONIC TEST LEAD KIT

FLUKE



One pair (red, black) each 1 meter long silicone test lead set, alligator clip and probe tip extender.

- C75 soft carrying case
- CAT II 300 V. UL listed

TL80A 46011525

MAGNETIC METER HANGING KIT

FLUKE



Attaches to back of a 110/170/180 Series meter, 20/70 -III with integrated holster (with adapter), 724/725 and 50 Series II.

- Kit includes, universal hanger clips (2), hook & loop straps (2 lengths) and strong magnet
- Combine components to meet most hanging needs

TPAK 46011529

HOLSTER TO SUIT T2 AND T5

FLUKE



The H5 is a tough nylon holster for the T5-600 and T5-1000 electrical testers.

- Includes a flap for test lead storage and an inbuilt belt loop
- Size: 330(L) x 80(W) x 40(D)mm

H5 46011598

CASE FOR 80 110 170

FLUKE



For Fluke 25 or 27 meters, also suits 21, 23, 29, 50, 70 Series meters in C70 holster, or 80 series in C81 holster.

- Water resistant zipper, two inside pockets for test leads and small accessories

C25 46011560

SOFT MULTIMETER CASE FLUKE

FLUKE



Vinyl case with belt loop for 21, 23, 29, 50 & 70 series without holster.

- Holds meter, manual, & leads ready for testing

C50 46011562

INFRARED THERMOMETER HOLSTER

FLUKE



Durable nylon construction protects your thermometer while keeping it within reach.

- Cuff hook attachment closure provide quick access and a secure closure
- Extra accessory pocket for storing temperature probe
- Snap-open loop attaches easily to your belt

H6 46011565

LEATHER CASE FOR 8020A

FLUKE



Similar to C25 but smaller, and without accessory storage pockets.

- Holds: Fluke 21, 23, 29, 50 or 70 series meters in C70 holster
- Also suits 8020A
- Not suitable for 25, 27 or 80 series

C90	46011581

HARD POINT TEST LEAD SET

FLUKE



Comfort grip probes with PVC insulated leads. Super strong tips with integral strain relief for long service life.

- Safety shrouded right angle 4mm plugs
- Length: 1.2 metres
- Rating: 1500V 10A

TL75	46011599

SPARE MULTI-METER FUSE



11A	1000V	FMF11A	46011600
0.44A	1000V	FMF440M	46011602
10A	600V	KLK10	46011610
12A	600V	KLK12	46011612
15A	600V	KLK15	46011620
20A	600V	KLK20	46011622
3A	600V	BBS3	46011608
1A	600V	BBS1	46011604
2A	600V	BBS2	46011605
10A	600V	TDC10	46011614

HIGH QUALITY TEST LEADS

UNI-T



- Double insulation
- CAT III 1000V 10A
- Probe length: 18mm
- Wire length: 1200mm
- Temperature condition: -20°C~50°C

UTL16	46011630

6000V HIGH VOLTAGE PROBE

FLUKE



The 80K-6 is a high voltage probe designed to extend the voltage measuring capability of an AC/DC voltmeter to 6000 volts peak AC or DC Overvoltage Category I.

- A high voltage probe that allows a multimeter to measure up to 6,000V
- Intended for low energy applications only

80K6	46011634

OPTICALLY ISOLATED RS232

FLUKE



Optically isolated RS232 interface adaptor kit for use with Fluke Portable Test Tools.

- Easy connection of Fluke portable test tools to serial ports of printers or computers
- Optical isolation for high voltage protection and elimination of ground loops

PM9080/001	46011695

250V BANANA/SML PROBE

Multi-Contact MC



High quality probes designed to accept 4mm banana plugs or SML test leads.

- Nominal voltage: 250V
- 16mm square safety collar prevents rolling
- Sharp steel probe tip

●	130mm	130mm	PP130B	46011735
●	130mm	130mm	PP130R	46011736
●	115mm	115mm	PP115B	46011705
●	115mm	115mm	PP115R	46011706

1000V CLAMP PROBE

Multi-Contact MC



Two wire hooks open and spread when the two wing-like sections of the clamp grip are pressed and the outer bowden section is withdrawn. The spring hooks encircle the test point securely.

- 4 mm socket accepts shrouded 4mm plug lead (XMS402 type)
- Operating Voltage: 1000V AC/DC
- Insulation of frame body - Polyamide
- Grip opening max.7mm
- Available with 50, 100 and 200mm long guide shaft

●	100mm	GRIPB100B	46011767
●	100mm	GRIPB100R	46011768
●	200mm	GRIPB200B	46011769
●	200mm	GRIPB200R	46011770

250V STEEL PROD PROBE

Multi-Contact MC



High quality probes designed to accept 4 mm banana plugs, or SML test leads.

- Nominal voltage: 250V
- Overall length: 140mm
- 22mm hex safety collar prevents rolling
- Sharp steel probe tip

●	140mm	140mm	PP140R	46011781
●	140mm	140mm	PP140B	46011782

60MHZ OSCILLOSCOPE PROBE



Switched X1, X10, 60MHz oscilloscope probe.

- Complete with:
- Sprung hook
- BNC connector
- Earth clip
- Compensating trimmer
- Cable length: 1.2m

GCP210	46422010

CURRENT CLAMPS

DIGITAL CLAMP MULTIMETER

UNI-T



- Auto Ranging
- Diode
- Continuity Buzzer
- Max Hold
- Data Hold
- Full Icon Display
- Sleep Mode

Display	1999 (max display)
DC Voltage	**600V** ±(0.8%+1)
AC Voltage	**600V** ±(1.2%+5)
AC Current	**400A** ±(1.5%+5)
Resistance	**20MΩ** ±(1.0%+2)
Temperature	**–40~1000°C** ±(1.0%+3)
Input Impedance	10MΩ
Continuity tone	Yes
Diode test	Yes

UT202	44488220

DIGITAL TRUE-RMS CLAMP METER

KYORITSU



- Red LED, as "Non Contact Voltage" function, gives warning to the user on the presence of AC Voltage
- True-RMS enables an accurate measurement
- Very useful for power distribution companies, power utilities and maintenance fields
- Double molding gives comfortable feeling in palm

	2056R	2046R
DC Voltage	**600V** ±(1.0%+3)	
AC Voltage	**600V** ±(1.5%+4)	
DC Current	**1000A** ±(1.5%+5)	**600A** ±(1.5%+5)
AC Current	**1000A** ±(2.0%+5)	**600A** ±(2.0%+5)
Resistance	**60MΩ** ±(1.0%+5)	
Frequency	**10kHz**	
Duty	**99.90%**	
Temperature	**–50~300°C**	
Continuity tone	Yes	
	2056R	46440005
	2046R	46440001

KEWMATE POCKET MULTIMETER

KYORITSU



- Capable of measuring AC and DC currents with the Open Clamp Sensor
- Pocket size and heavy duty design
- Sleep function to save battery consumption

	KEW2001	KEW2000	KEW2012R
Display	3400 counts + bar		6000 counts + bar
DC Voltage	**600V** ±(1.5%+4)		**600V** ±(1.0%+3)
AC Voltage	**600V** ±(1.5%+5)		
DC Current	**100A** ±(2.0%+5)	**60A** ±(2.0%+5)	**120A** ±(2.0%+5)
AC Current	**100A** ±(2.0%+5)	**60A** ±(2.0%+5)	**120A** ±(2.0%+5)
Resistance	**34MΩ** ±(1.0%+3)		**60MΩ** ±(1.0%+5)
Capacitance			**40μF** ±(2.5%+10)
Frequency	**300kHz** ±(0.1%+1)		
Continuity tone	Yes		
Diode test			Yes
	KEW2001		46440015
	KEW2000		46440010
	KEW2012R		46440020

TRUE-RMS DIGITAL CLAMP METER

KYORITSU



Equipped to measure both AC and DC current with transformer jaws of large diameter.

- CAT.IV Clamp Meter can measure the Voltage and Current in both very low and high power circuits
- Accurate True-RMS reading of AC current or voltage with distorted waveform
- Can measure AC and DC currents up to 2000A: Provides a wide measuring range from 0 up to 2000A AC/DC
- Designed to meet international safety standard IEC 61010-1 CAT. IV 600V
- Measures current and voltage variation as short as 10 msec with peak-hold feature
- AVERAGE function to allow for easy reading of fluctuating current or voltage.
- Output terminal for connection to recorders: Provides output to a recorder for current variation recording

DC Voltage	**1000V** ±(1.0%+2)
AC Voltage	**750V** ±(1.0%+3)
DC Current	**2000A** ±(1.3%+2)
AC Current	**2000A** ±(1.3%+3)
Resistance	**4kΩ** ±(1.5%+2)
Frequency	**4kHz** ±(1.5%+5)
Continuity tone	Yes
2009RKY	46440045

ULTRA SLIM CLAMP MULTIMETER

KYORITSU



- 1000A AC Clamp Meter
- AC40/400/1000A Auto Range
- 33mm Tear Drop Jaw easy to reach in tight places
- DMM function ACV, DCV, Continuity Buzzer (all using test leads)
- Fuseless electronic protection on up to 600V
- CAT III 600V (AC A)
- IEC61010-1 Safety Standard

DC Voltage	**600V** ±(1.0%+3)
AC Voltage	**600V** ±(1.8%+7)
AC Current	**1000A** ±(1.4%+6)
Resistance	**40MΩ** ±(2.0%+4)
Continuity tone	Yes
2200	46440007

2000AMP DIGITAL CLAMP METER

KYORITSU



- Can measure AC and DC currents up to 2000A
- Output terminal for connection to recorders
- AC/DC voltage, resistance measurement and continuity functions also available

Display	4000 counts
DC Voltage	**1000V** ±(1.0%+2)
AC Voltage	**750V** ±(1.5%+2)
DC Current	**2000A** ±(1.5%+2)
AC Current	**2000A** ±(1.5%+2)
Resistance	**4kΩ** ±(1.5%+2)
Continuity tone	Yes
2003A	46440030

MINI AC/DC CLAMP METER

STANDARD



Digital clamp tester for AC/DC current measurement providing wide measuring range from very small and large current.

- Jaw opens to 0.5"
- 1mA high resolution
- Data hold and Max hold function
- Dynamic range 0f 4000 counts full scale
- Auto power off

Display	4000 counts
DC Voltage	**600V** 0.1mV ±(1.5%+3d)
AC Voltage	**600V** 0.1mV ±(2.0%+4d)
DC Current	**80A** 1mA ±(2.5%+4d)
AC Current	**80A** 1mA ±(2.5%+5d)
Resistance	**40MΩ** 0.1Ω ±(1.5%+2d)
Frequency	**10MHz** 0.001Hz ±(1.2%+3d)
Duty	**99.9%** 0.1% ±(1.2%+3d)
Continuity tone	Yes
Diode test	Yes
ST337	46440200

600A AC/DC TRMS CLAMP METER

testo



The testo 770-3 clamp meter is the ideal clamp amperemeter for demanding measuring tasks in tight application environments.

- Unique grab mechanism
- Auto AC/DC for current and voltage
- Starting current, power and µA measurement
- Bluetooth and testo Smart Probes App

770-3 47460990

600A TRMS AC/DC CLAMP METER

FLUKE



- Connect your meter to your smartphone with Fluke Connect Measurements
- Read measurements on your phone at a safe distance, wearing less PPE while your meter takes all the risks
- Record results directly to your phone and the Cloud
- Proprietary inrush measurement technology to filter out noise and capture motor starting current exactly as the circuit protection sees it
- CAT IV 600 V, CAT III 1000 V safety rating
- 3 Year Warranty
- Soft carrying case

DC Voltage	1000V (1%±5)
AC Voltage	1000V (1.5%±5)
DC Current	600A (2%±5)
AC Current	2500A (3%±5)
Resistance	6000Ω (1%±5)
Capacitance	1000µF (1%±4)

374FC 47461010

PANEL METERS

ANALOGUE PANEL MOUNT METER



SEW Meter movements are constructed around a full size permanent magnet assembly.

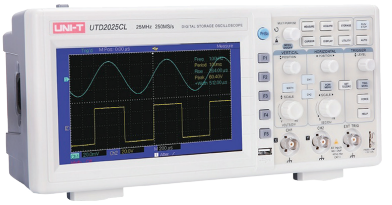
- Movements are not susceptible to stray fields
- Only high precision jewel and pivot suspension mechanisms are used
- Size: 51x51mm
- Scale: 51x31mm
- Barrel Diameter: 45mm
- Bolt Centres: 38mm

Amperage	1mA	ST45-1MA	46181065
Voltage	20V	ST45-20V	46181161
Voltage	30V	ST45-30V	46181177
Amperage	10A	ST45-10A	46181129

OSCILLOSCOPE

COLOUR OSCILLOSCOPE 25MHZ

UNI-T



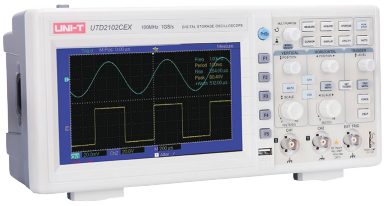
25MHz coloured oscilloscope.

- Bandwidth: 25MHz
- Sample rate: 250MS/s

UTD2025CL 46412017

COLOUR OSCILLOSCOPE 100MHZ

UNI-T



100MHz coloured oscilloscope.

- Sample rate: 1GS/s
- Rise time: Less equal to 3.5ns

UTD2102CEX 46412021

SATELLITE

HD SAT AND FTA HD METER

SatKing



SK-9000 is a High Definition combination meter for both terrestrial and satellite TV meter.

- 4.3" colour LCD screen
- MPEG-2/4 Compliant
- 3000mAH Lithium ION battery
- AV Input for aligning security cameras

SK9000 44201278

SATELLITE TV METER SATKING

SatKing



The SatKing SK-6000 meter is perfect for VAST satellite TV and any other MPEG-4 high definition satellite TV service.

- 3.7" Colour LCD screen
- MPEG-2/4 compliant
- MER, BER, C/N, dB Microvolts

SK6000 44201285

DVB-S/S2 SATELLITE SPECTRUM

LABGEAR



The LABGEAR DAS202 Digital Satellite Analyser provides optimum adjustment and testing of complete digital satellite television reception systems.

- Useful in the field or laboratory
- Ideal for Dish pointing, SMATV, Broadcasting
- Highly accurate and simple to use
- Magnetic Compass identifies actual satellite location
- Full measurements incl: MER, BER, Lock signal, Transponder signal, TF and IF frequency display
- PC software available.

DAS202 44201355

DIGITAL SATELLITE SIGNAL FINDER

LABGEAR



Pre-programmed for multi-satellites.

- Instant response to changes in signal, no waiting
- Indicates signal Quality and Strength
- VAST Satellite Services pre-programmed
- Audible tone enables users to 'hear' the alignment
- Powered directly from a Set Top Box or PS12DCF, no batteries required

SQ722 44201365

TERRESTRIAL

TV SIGNAL FINDER FOR CARAVANS



TV signal finder for caravans and motor homes.

- Simple and easy to use
- LED's clearly indicate signal levels
- Align your TV Antenna in a few seconds
- Compact and convenient shape that is easy to hold
- Internal battery, receiver or external power options
- Leave connected for a permanent and autonomous signal indication

AITVF 44201280

HD TERRESTRIAL TV SIGNAL METER



This meter will display all digital channels and it will also display live colour picture and sound.

- 4.3" Colour LCD screen
- MER, BER, C/N, dB Microvolts
- 3000mAH Li-Ion battery
- Multimedia functions via the built-in USB port

SK7000 44201282

ANALOGUE & DIGITAL SIGNAL



DAT103 Analogue / Digital signal strength meter.

- Li-Ion battery (3hrs), 12V/24V out, Pre/Post BER
- MER, Digital signal levels, data logging

DAT103 44201286

TERRESTRIAL TV SIGNAL METER



SK-2500 is high definition terrestrial TV meter specially designed for TV installer and electricians.

- 3.5" Colour LCD Screen
- 3000MAh Lithium Ion Battery
- AV Input/Output
- Software Upgrade via USB

SK2500A 44201290

HD FIELD STRENGTH METER



The HD RANGER Eco is a universal field strength meter that covers a comprehensive mix of broadcast standards.

- DVB-T/C/S/S2 with MPEG-2 & MPEG-4
- Triple split display: 3 functions in a single screen
- StealthID
- Powerful datalogger and installation menu
- Advanced satellite functions
- Constellation diagram
- USB PC Connection

HDRANGERECO 44201335

APPLIANCE TESTERS

PORTABLE APPLIANCE TESTER



A hand-held portable appliance tester, performing four functions to ensure the Safety of ClassI, ClassII and ClassIII 240V appliances. And can also measure the mains voltage. Readings are displayed on a large liquid crystal display (LCD) below which are three LEDs which unambiguously displays pass or fail indication for threshold values dictated by AS/NZS 3760.

- Includes:
- 7123 (Power Cord (AU))
- 7129 (Test Leads with Alligator Clip)
- 7101 (Flat Test Bar)
- 7140 (Adapter for Extension Cord)
- Probe Case and shoulder strap
- Instruction Manual

6201AKY 46460001

10-IN-1 MULTIFUNCTION TESTER



A portable and versatile appliance tester with continuity, insulation, loop impedance, PSC/PFC, RCD, earth, phase rotation, and voltage measurements.

- ATT technology – RCD anti trip technology for loop impedance testing
- Complete installation tester
- Internal memory for storage of data
- PC communications capability via USB
- Light, compact and durable construction
- Comes with all required cables and test leads
- EASY TO SET - Rotary switch and function key selecting

6016 46460010

MICROWAVE LEAKAGE DETECTOR

STANDARD



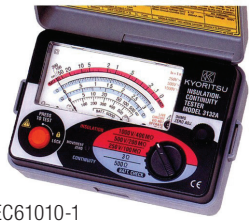
The ST2G meter is a high quality consumer product with the most newly developed technology that utilizes an advanced sensor for detecting the microwave leakage from the microwave oven.

- LCD Digital readout
- Low leakage volume display for warning
- Battery operates for more than 1 year
- Never needs recalibration
- Excellent reliability and high precision
- Calibrated at 2450MHz

ST2G 46460020

INSULATION / RESISTANCE

ANALOGUE INSULATION TESTER



Dust and drip proof construction (Designed to IEC60529 IP54).

- Designed to meet IEC61010-1 and IEC61557 safety standard
- 1mA rated test current at the minimum resistance
- 200mA measuring current on continuity testing
- Automatic discharge of circuit capacitance
- Live circuit warning buzzer and neon lamp
- Small and lightweight. Shock resistant new case material
- AC voltmeter with linear, easy-to-read scale

3132A 46430001

DIGITAL INSULATION TESTER



- Bargraph to display insulation resistance
- Displays the value of external AC voltage along with flashing symbol
- Auto null function to automatically subtract the test lead resistance before displaying the real continuity resistance value
- Live circuit warning beeper
- Releasing the test button automatically discharges the charges stored in the circuit under test
- 200mA continuity measuring current to IEC 61557
- Minimum 1mA current on insulation tests to IEC 61557

3005A 46430013

KYORITSU DIGITAL RCD TESTER

KYORITSU



3 LEDs for checking correct wiring status.

- 0 and 180 degree phase angle switch permits quick tests and consistent readings
- Digital read-out of tripping time
- Large custom digital display readout
- Test of a large kind of RCD's: Standard, Selective, AC and A (DC sensitive breakers)

5406A 46430141

HDMI

18GBPS HDMI TEST KIT

MURIDEO



Analyse any HDMI/DVI signals up to 18Gbps (4096x2160p60 4:4:4).

- HDCP select-able - 2.2, 1.4, none – confirms if the system will work or not
- Optimized ergonomics – 2" colour display
- Advanced EDID analysis & tools - read, write, EDID
- Battery: 7.4V Li-Ion 2600mAh internal rechargeable battery

FOX&HOUND 44363990

HDMI CABLE TESTER

DOSS®



Quickly troubleshoot and verify HDTV installation and DIY termination in the field.

- Test disorder, short, open and cross status of HDMI cables
- Mapping continuity and proper configuration
- Design with loopback function

NF622 44365120

DISPLAY PORT CABLE TESTER

DOSS®



Display/Mini display port cable tester.

- Tests both display port and mini display port cables
- Led displaying wire condition individually

NF633 44365122

TELEPHONE

2G / 3G SIGNAL STRENGTH METER

etm connecting things

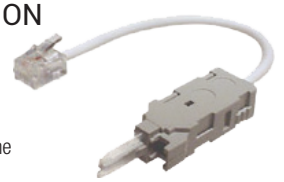


ETM770 2G/3G signal strength meter.

- Scan for available networks
- Scan signal strength for selected network
- Display detailed cell information
- Select the most suitable antenna
- Check parameters like LAC, cell ID
- Open and close ISP connection

ETM770 44201425

TEST CORD FOR KRONE CONNECTION



Test Cord IDC Type 6P2C, for connection of test butts or other equipment to Krone MDF or IDF.

- Test cord fitted with IDC type plug and 6P2C modular plug
- 100mm long cord
- Suits T0111

T0108 44365029

LINEMAN TEST SET BLUE COLOUR



- Line-powered operation: No extended power is required unless operating on low voltage or dry circuits
- Talk/Ring/Monitor tests

TCT1900BL 44365030

KRONE TEST LEADS FOR TCT1900BL



TCT1900BL76 testing leads.

- 1x RJ11 6P4C plug on one end and 2x alligator clips, 2x Krone plugs & 1x RJ11 6P4C plug on the other end

TCT1900BL76 44365031

TELEPHONE TEST SET



The TS25D Test Set features data lockout and lockout override, making you completely safe in talk or monitor mode.

- Caller ID and Call Waiting Caller ID
- Amplified speakers for hands-free monitoring
- Data lockout and data lockout override
- Tone generator for wire identification
- Talk Battery to power voice conversation on dry (non-powered) lines
- Easy to read oversized liquid crystal display

TS25D 44365080

TELEPHONE TEST SET

FLUKE®



The TS®52 PRO Test Set features backlit LCD and glow-in-the-dark keypad with DTMF digit grabbing and Caller-ID verification.

- Display – Back lit LCD and glow-in-the-the dark keypad
- Superior high-impedance monitoring, lockout and override, completely safe in any mode
- DropSafe – Passes 20 foot drop test
- DSL/POTS Filtering Technology – allows technicians to clip on a live DSL
- RainSafe – Designed for use in rain conditions.
- 2-Way hands-free speakerphone – for true hands-free conversation
- Data, voltage, current (mA) indication

TS52PRO 44365090

LAN

PRO COAX & LAN CABLE TESTER

DOSS®



Check coax, CAT 7, 6 and 5e twisted cord network and trouble.

- Identifies and locates the distance to an open or a short in seconds
- Use TDR (time domain reflect meter), Measure length and distance, find the trouble location
- Service line test and no external adapter is required
- Find the determined open circuit, short circuit, jumper, crossed or split pairs

LCT8 44365000

REMOTE IDENTIFIER FOR LCT8 7-PACK



Test and identify multiple cables without reinstalling single remote terminator connector over and over.

- 7 Remote IDs (ID02 to ID08) to suit LCT8

LCT8RM-2015 44365003

TONE PROBE FOR LCT8



Tone probe for the LCT8 Coax and LAN cable tester.

TCT700PROBE 44365004

LAN TESTER UTP STP COAX



Mini network cable tester with PoE finder.

- Tests UTP/STP/Coaxial/Modular network cables
- Detects missing or disordered wiring
- Detects open or short circuits
- Checks pin configuration of 10Base-T cable, 10Base-2 cable, RJ45/RJ11

LT9 44365074

LAN TESTER & MULTIMETER COMBO

DOSS®



2-in-1 LAN tester & multimeter is a innovative that allows the user easy to measure DC/AC Voltage/Current, Resistance, Continuity, diode and verify the cable continuity, open short, cross-connect.

- 2-in-1 LAN tester & multimeter
- Measures DC/AC voltage, DC/AC Current, Resistance, Continuity, diode and LAN tester
- 3-1/2 digit (200 count) LCD display for multimeter functions
- Checks for continuity, open wire, ground wire, shorted pair and crossed pair faults
- Allows for remote testing of installed cables from wall jack or patch panel

DM1000 44365075

CABLE TESTER WITH 8 REMOTE ID

DOSS®



Multifunctional cable tester to test open, short, cross connection, reverse, pairing connection and broken wire positioning.

- 8 remotes units with ID1-ID8 to identify the target wire
- Locate the short circuit position
- Test STP/UTP CAT5e/6, telephone cable, coaxial cable, USB cable
- Test common metal wires connected with alligator clip

NF868W 44365100

RJ45 LAN CABLE TESTER

DOSS®



Check wiring error for CAT5e/6.

- Measure network cable length
- Determine the distance of open and short circuit
- Portable unit with long battery life
- Automatically time-delay shut off

NF8108 44365105

CABLE CONTINUITY TESTER

DOSS®



It tests installed cables or patch cords with RJ-45, RJ-11,USB and BNC connectors.

- Tests shielded (STP) or unshielded(UTP) LAN cables
- Ergonomic portable handheld design
- Simple one button test
- 180m test distance (RJ-45/RJ-11/BNC)

NF3468 44365110

LAN CABLE CONTINUITY TESTER

DOSS®



Quick and easy check for cable continuity, miss-wiring, open short.

- Visible LED status display
- It can test corresponding double - twisted cable

NF468 44365115

CABLE TESTER TRACKER

DOSS®



RJ45 & RJ11 cable tester checker.

- Trace back to switch by flashing port
- Cable continuity test

NF469 44365117

LAN CABLE & POE TESTER

DOSS®



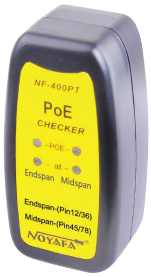
The Doss NF468PT LAN and PoE tester allows you to test a live Ethernet cable and determine if power and data are present.

- Quickly and easily test Ethernet network for Power over Ethernet existence
- Quickly identify the type of power source
- Cable Type: RJ45 RJ11
- Easy to use - simply plugin cable and get instant results
- Compact design specifically tailored for system integrators and installers

NF468PT 44365135

POE CHECKER

DOSS®



PoE tester for RJ45 connectors.

- Plug and play
- Compliant with IEEE 802.3af/at

NF400PT 44365137

MULTIFUNCTION CABLE TESTER

DOSS®



A handy on-site testing tool with RJ45, RJ11 and BNC ports to test all types of cables on-site, including PING & PoE.

- Tests open, short or cross connection
- Locates breakage and short circle position
- 50-1000V Voltage detector in Receiver
- Kit comes with 8 remote units

NF8601W 44365140

CABLE TRACER & TONE GENERATOR

Pro'sKit®



The Tone Generator & Probe can be used to verify cable continuity, identify wiring faults, determine line polarity and voltage in network (CAT5 and Coax) and modular telephone lines.

- 2-position switch for single tone or multi-tone signal
- Toggle switch to control 3 modes of operation
- 3-colour LED indicator display for telephone line polarity, continuity and voltage testing
- Convenient compact size and simple application
- Power Source Probe: DC 9V battery x 1 pieces, Tone Generator: DC 9V battery x 1 pieces
- Dimensions 256mm x 36mm x 37mm

TSKIT 44488254

LINKRUNNER AUTO NETWORK TESTER

FLUKE networks



The fastest way to test and solve network connectivity problems.

- Network Auto-Tester accurately identifies network connectivity problems in 10 seconds
- Instantly verify link status, connectivity type, and signal strength
- Displays the VLAN and nearest switch model, slot and port
- Store network connectivity test results and download to your PC

LRAT1000 47650045

LINKRUNNER AUTO NETWORK TESTER

FLUKE networks



The fastest way to test and solve network connectivity problems.

- LRAT-2000 adds fibre, TruePower™ PoE loading, IPv6, reflection, Li-ion battery pack and 50 reports instead of 10
- Network Auto-Tester accurately identifies network connectivity problems in 10 seconds
- Instantly verify link status, connectivity type, and signal strength
- Store up to 50 network connectivity test results and download to your PC

LRAT2000KIT 47650052

TRACER

COAX CABLE POCKET PEN TONER



A cheap and easy way to check coax continuity and ID cables.

- For more complex jobs, consider the CC250 Coax Clarifier

TCT-115 44365035

F SET CABLE PAIR IDENTIFIER

AEGIS



Aegis F Set cable pair identifier.

- Industry standard for 20 years
- Carry Case as standard
- Line polarity indication for use on live networks
- Inbuilt loudspeaker
- Australian designed and manufactured

CZ1000 44365060

MULTIFUNCTION CABLE DETECTOR

DOSS®



Quickly trace and identify cables among lots of unknown cables.

- Check continuity of LAN cables
- Track the cables or wires, and diagnose the breakage

NF801R 47650010

NETWORK COAX CABLE TESTER

DOSS®



- RJ45, RJ11, USB and BNC testing
- Cable length testing
- Port flashing function

NF300 47650012

AEGIS LAN TESTER

AEGIS



Easy to operate LAN tester.

- Continuity test
- Opens test
- Shorts test
- Crosses test
- Test RJ45 and Coax networks
- Identify pairs that need correction
- Test for cable shield continuity

CZ20350 44365066

CABLE LOCATOR SET WITH CASE

STANDARD



This professional general purpose cable locator is ideal for tracing cables in-walls and underground, locating fuses/breakers on final circuits and locating interruptions and short-circuits in cables and electrical floor heating systems.

- For all applications (live or dead cable) without additional instruments
- Set includes a transmitter and a receiver
- Size: 190(H) x 60(W) x 37(D)mm
- Weight: 229g
- Proven digitally coded sender signal guarantees clear signal identification
- Automatic or manual adjustment of receiving signal sensitivity
- Acoustical receiving signal switchable

LA1012 47650001

CABLE LOCATOR SET

FLUKE®



The Fluke 2042 is a professional general purpose cable locator ideal for tracing cables in-walls and underground, locating fuses/breakers on final circuits and locating interruptions and short-circuits in cables and electrical floor heating systems and more.

- For all applications (live or dead cables) without additional instruments
- Set includes a transmitter and a receiver
- Proven digitally coded sender signal guarantees clear signal identification
- Transmitter with LC-display for transmitting level, transmitting code and external voltage
- Automatic or manual adjustment of receiving signal sensitivity
- Acoustical receiving signal switchable
- Auto-Power-Off

2042 47650005

MICROMAPPER TESTER

FLUKE networks



The MicroMapper quickly and easily tests twisted pair cabling, giving you visibility of opens, shorts, crossed, reversed and split pairs. Just push the TEST button and MicroMapper will automatically scan all wire pairs for any existing faults in your cable.

- Test for open circuits, shorts, crossed pairs, reversed pairs and split pairs
- Easy-to-read fault display
- Tone generator for tracing installed cables hidden in-walls, floors and ceilings
- Remote unit enables one-person testing of installed cables



- For fast, comprehensive LAN Wiremap verification.
- Testing twisted pair cables over 656ft (200m) in length

MT820049A 47650100

ANALOGUE TONE & PROBE KIT

FLUKE networks



The Pro3000 Analogue Tone and Probe is your best choice for toning and tracing wire on non-active networks, and specifically for identifying individual pairs with SmartTone™ technology.

- SmartTone™ technology provides five distinct tones for exact pair identification
- Sends loud tone up to 16 kilometres on most cables
- Loud speaker on Probe makes the tone easier to hear through drywall, wood, and other enclosures
- Angled bed-of-nails clips allow easy access to individual pairs
- RJ11 connector is ideal for use on telephone jacks
- Attach nylon pouch (included in kit) to your belt for easy transport

PRO3000 47650170

CABLE IQ QUALIFICATION TESTER

FLUKE networks



The first cabling bandwidth tester for network technicians. It gives even the most novice tech the vision to see what speeds existing cabling can support, quickly isolate cabling from network problems, and discover what is at the far end of any cable.

- Sees if existing cabling supports voice, 10/100, VoIP or Gigabit Ethernet
- Shows why existing cabling cannot support the network's bandwidth requirement
- Detects what's at the end of any cable and displays device configuration
- Identifies unused switch ports that can be reallocated
- Graphically maps wiring configuration & shows distance to faults with Intelligent Wiremap
- Tests all copper cabling media: twisted-pair, coax, and audio cabling

CIQ100 47650200

INTELLITONE PRO 200 KIT

FLUKE networks



The IntelliTone Toner and Probe Series from Fluke Networks gives you a digital signal locating technology that's as advanced as the systems you work with. IntelliTone is a breakthrough solution-and the only solution-that locates and isolates even the most elusive, hidden or bundled voice, data and video cables quickly and reliably, even on active networks.

- Breakthrough patent pending IntelliTone technology
- Ends cable location confusion, decisively rejects noise and false signals
- Locates cable quickly from a distance, even on an active network
- Isolates cable and wiring precisely from a bundle, despite cable bleed
- Visually validates twisted-pair installations (opens, shorts, and reversed pairs)
- Toner and Probe Kit with F Connector Adaptor, (2) RJ11 and (2) RJ45 Patch Cables and
- Test Leads with Alligator Clips

MT820060A 47650160

MICROSCANNER2 CABLE VERIFIER

FLUKE networks



Next generation MicroScanner verifies voice/data/video cable and services with a revolutionary user interface.

- Large, backlit LCD makes results crystal clear whether in bright sunshine or in the dark
- Graphical wiremap, length, cable ID, and distance to fault displayed on one screen
- Tests all common media types including RJ11, RJ45, Coax, with no need for adapters
- Locates virtually any cable or wire pair with IntelliTone digital and analogue toning
- Verifies today's media services, including 10/100/1000 Ethernet, POTS, and PoE
- Integrated rubber holster enhances grip and makes it durable enough for the toughest jobs

MS2100 47650180

MICROSCANNER 2 PROFESSIONAL

FLUKE networks



Next-generation MicroScanner verifies voice/data/video cable and services with a revolutionary user interface.

- MicroScanner2 features built-in IntelliTone digital and analogue toning to precisely locate virtually any cable or wire pair, regardless of work environment
- Use digital mode to locate high-grade data cabling (CAT5e/6/6a) in bundles, or at switches, patch panels, or wall outlets
- Use analogue mode on voice-grade cabling (CAT3 and below), as well as coax, security/alarm, and speaker wiring
- Detect the presence of POTS voltage and verify polarity
- Verify powered 10/100/1000 Ethernet switches at the far end

MS2-KIT 47651075

CABLE IQ ADVANCED IT KIT

FLUKE networks



Complete kit, includes: CableIQ Qualification Tester, Remote adapter, CableIQ Reporter software CD, IntelliTone 200 Digital Probe, Remote IDs #2-7, (2) RJ45-RJ45 patch cord, USB cable, coax "F", push-on adapter, 75Ω coax patch cord, RJ45/11 universal coupler, RJ11-RJ11 patch cord, owners CD and quick start guide, 4x "AA" batteries, test accessory soft pouch, hard carry case.

CIQ-KIT 47650220

SNAP SHOT FAULT FINDER

T3 Innovation



Accurately finds cable length, impediments in the cable and conditions at the end of every wire in your data, power, or communications/ video system up to 900m.

- Holds up to two different NVP values for multiple cable tests
- Tests length, opens or shorts present on the cable
- Works on energized cables
- Accuracy of 1% or better
- Ability to calibrate NVP for any cable
- Produces four different tones for locating cables

TSS200 47652000

COAX CLARIFIER TEST IDENTIFY

T3 Innovation



Dark unpowered coax systems give no clue as to their design, condition or configuration. The new Coax Clarifier™ by T3 Innovation makes it simple and easy to discern the layout of a coax network, locate faults on individual cable runs, identify remotes through splitters, and determine cable run lengths.

- Identifies cable faults
- Displays cable run quality
- Detects Coax RF Remotes through splitters
- Measures cable length
- Locates splitters in the system
- Tests and grades splitter performance
- Wiremaps up to 12 coax locations

CC250 47652020

CABLE PROWLER TESTER

T3 Innovation



Getting full cable testing on any category network, coax, or telephone cable.

- Measure cable length and length to faults using TDR technology
- Network testing of link capability, link status, and link light
- Test PoE to ensure adequate power for powered devices
- Tone and trace cables

CP300 47652039

T3 CABLE PROWLER TESTER

T3 Innovation



Cable tester and report management for CAT 3/5e/6/6a, Coax and Telephone Cable.

- Displays length measurement for each pair
- Detects PoE and class of PoE per IEEE 802.3af/at
- Detects and reports link speed and link capabilities
- Tests opens, shorts, miswires, split pairs and reverses
- Link light to identify location on hub/switch/router port

CP400KIT 47652040

CABLING AND NETWORK TESTER

T3 Innovation



Cabling and Advanced Network Tester. Identify, monitor, and correct LAN issues.

- Supports IPV4 and IPV6 protocols
- Verifies DHCP connectivity and DNS
- Detects presence of PoE and class of PoE per IEEE 802.3af/at with load test for voltage drop
- Tests CAT3/5e/6/6a Ethernet cable configuration
- Supports up to 8 testing and ID remotes for network & telephone cables
- Supports up to 20 network and coax ID-only mapping remotes

NP700 47652049

NET PROWLER NETWORK TESTER

T3 Innovation



Identify, monitor, and correct LAN issues. Tests 10/ 100/1000 Base-T, IPV4/IPV6, VLAN, DHCP and more.

- Supports IPV4 and IPV6 protocols
- Verifies DHCP connectivity and DNS
- Detects and reports current link speed and link capabilities for active Ethernet drops up to 1 Gbps
- Supports up to 8 testing and ID remotes for network & telephone cables
- Ability to define Network test name, cable name, save and print all results (cable testing and network testing)

NP800KIT 47652050

ETHERNET SPEED CERTIFIER

3 Innovation



A complete solution to test and speed certify the data-carrying capabilities of Ethernet network cables up to 1Gb/s.

- Testing for noise in the network
- Detecting faults in the cable wiring
- Support the speed capabilities of active equipment
- Speed Certification to IEEE standards 802.3-Pings specific IPs or URL addresses

NC950ARKIT 47652060

GIGTEST ETHERNET SPEED TESTER

3 Innovation



The fastest, easiest and least expensive way to guarantee up to 1 Gbit speed on Ethernet links within a network.

- Wireless reporting of results to mobile devices or laptops
- One ended Cable Test
- Linked Speed Indication
- Skew Test
- Signal to Noise Ratio
- Bit Error Rate Test (BERT)
- Long BERT Mode - 10 times as long as a standard BERT test

GIGTEST 47653000

SOUND

70V/100V IMPEDANCE METER

REDBACK



- Suits 70V and 100V up to 10k Watts
- Calculates load in ohms and watts
- 9V battery powered with recharging port
- Compact handheld case
- Includes test leads
- Backlit LCD display

Q2003 46430020

30-130DB PRO SOUND LEVEL METER

STANDARD



Designed for all kinds of environmental sounds measurement. Ideal for offices, factories, schools and more.

- Conforms to the IEC61672-1 CLASS2 for Sound Level Meters
- MAX & MIN measurements
- Under and over range display
- A & C Weighting
- FAST & SLOW response
- Analogue AC/DC outputs for connection to frequency analyser or X-Y shaft recorder
- USB output for PC connection (includes datalogger software CD)

ST8852 47050416

MINI SOUND LEVEL METER

STANDARD



The ST85A is a compact sound level meter that has a wide dynamic range from 30 to 130dB.

- A wide 30-130dB range
- Latest design housing
- High performance
- Auto LCD back light
- MAX & MIN hold function
- Frequency weighting A (85A)
- Size: 128(H) x 51(W) x 32(D)mm

ST85A 47050420

SOUND LEVEL CALIBRATOR

STANDARD



Output sound pressure levels: 114dB and 94dB.

- Output frequency: 1000Hz ±4%
- Reference conditions: Temperature 23°C (73°F) ,1013 mbar, 65% RH
- Accuracy: ±0.5dB
- Low Battery check: Calibrator will cut sound pressure output if battery voltage
- Weight: approx. 130g
- The instrument complies with: IEC 942 CLASS 2
- Dimensions: 120(L) x 51(W) x 43(H)mm

SC05 47050425

SOUND LEVEL DATALOGGER

STANDARD



Mini sound logger designed for all kinds of environmental sounds measurement. Ideal for offices, factories, schools and more.

- Conforms to the IEC61672-1 CLASS2 for Sound Level Meters;
- USB port for PC connection (data logger software CD included)
- Over range indication
- A & C Weighting
- FAST & SLOW response
- Software Calibration
- Manual & Automatic start mode

ST173 47050430

HEARING LOOP FIELD STRENGTH

HUMANTECHNIK



FSM plus is a complete audible and electronic testing meter, representing true value for money.

- Tests both background noise and field strength
- RMS-measuring range calibrated to 400mA/m = 0dB
- Multi-coloured LED's with 1dB resolution
- Light-weight & portable
- Comes with test disc

FSMP 47050460

FIBRE

VISUAL FAULT LOCATOR FOR FIBRE

DOSS



- Testing fibre breakage or winding
- Emitting red laser into existing fibre cable

NF904 44365040

TEMPERATURE

2-CHANNEL TEMPERATURE METER

DOSS®



Portable 3½ digit, compact sized digital thermometer designed to use external K-type thermocouple as temperature sensor. Two K-type thermocouples are supplied.

- Display: 3½ digit LCD with maximum reading of 1999
- Battery: Standard 9V battery (NEDA 1604, IEC 6F22)
- Weight: 215g
- Battery life: 200 hours typical with carbon zinc battery
- Dimensions: 147(H) x 70(W) x 39(D)mm

QM1601	47031010

50 SERIES DIGITAL THERMOMETER

FLUKE®



Laboratory accuracy. Wherever you go. The new Fluke 50 Series II contact thermometers offer fast response and laboratory accuracy (0.05% + 0.3°C) in a rugged, handheld test tool.

- Single or Dual Input Digital Thermometers include 80-PACK-1 bead probe thermocouple(s)
- Measures J, K, T, and E-types of thermocouples
- 3x "AA" batteries; typical 1000-hour life
- Splash and dust resistant case protected by impact absorbing holster
- Electronic Offset function allows compensation of thermocouple errors

Dual input	52-IIF	47032112
Single input	51-IIF	47032100

INFRARED & CONTACT THERMOMETER

FLUKE®



The Fluke 568 digital laser thermometer makes even complex measurements easy. Quickly navigate advanced features to adjust emissivity, start data logging, or turn on and off alarms - with just a few pushes of a button.

- Two-in-one IR and contact thermometer with an innovative dot matrix display.
- Simple, 3-button on-screen menu interface
- USB 2.0 with FlukeView® Forms software
- Rugged, easy-to-use, ergonomic design
- Two-in-one contact and non contact thermometer
- Infrared temperature range -40°C to 800°C (-40°F to 1472°F)
- Thermocouple Type-K input temperature range: -270°C to 1372°C (-454°F to 2501°F)

568F	47032204

POCKET INFRARED THERMOMETER STANDARD



The IR77H Pocket size Infrared Thermometer incorporates a Class II laser for sighting and is ideal for precise non-contact measurement of surface temperatures.

- Automatic data hold
- Suitable for food preparation, monitoring appliances, HVAC, transport & automotive, and storage temperatures
- 6:1 Distance to Spot Size Ratio (Measures a Ø25mm area at 150mm)
- Response time less than 1 second
- Large LCD Screen showing reading in °C/°F

IR77H	47032212

NON-CONTACT BODY INFRARED STANDARD



Very simple to use, it reads the body temperature instantly and without contact. Thermoflash is particularly efficient for taking the temperature of newborn babies and very young children.

- From a distance of around 5cm, all you have to do is pointing it towards the forehead to read the temperature shown on the LCD screen.
- Body Temp. Range: 30°C ~ 42.5°C
- Surface Temp. Range: 0°C to 60°C
- Resolution: 0.1°C
- Measuring distance Body temp.: 5-15cm (Surface temp: 8:1 Distance to Spot size)

ST8806H	47032217

ELECTRONIC CLINIC THERMOMETER STANDARD



Measures body temperature and offers a safe, accurate and quick temperature reading.

- Oral, rectal or auxiliary modes available
- Size: 155(H) x 33(W) x 55(D)mm
- Temperature unit: °C /°F
- Body Temperature Range: 32°C ~ 42.9°C
- Wide Temperature Range: 0.0°C ~ 100.0°C
- Basic Accuracy: 35.5°C ~ 42°C ±0.2°C
- Response time: 10s

ST137	47032220

TEMPERATURE AND HUMIDITY STANDARD



ST172 is used to monitor temperature and humidity values efficiently and conveniently for long periods of time by using the datalogger functionality. The dataloggers are saved in the logger and simply read out by your PC with USB interface.

- Memory for 32700 readings
- Free selectable measurement cycle from 2 sec to 24hr
- Battery life: more than 3 years
- Display all status information through two LEDs
- Download collected data through USB interface
- Alarm display if user-defined maximum/minimum values exceed
- Analysis software used to view graph for logging data

ST172	47032225

DIGITAL INFRARED THERMOMETER

KYORITSU



Simple temperature measurement from -40°C to 500°C.

- Laser sight pinpoints measured spots
- Palm size, lightweight only 180g
- Automatic power off for saving battery life
- Maximum or minimum temperature display
- Audible buzzer high alarm standard
- Backlight display
- Emissivity adjustable from 0.30 to 1.90-in-0.01 steps

5500KY	47032405

DIGITAL INFRARED THERMOMETER

KYORITSU



Waterproof handheld Infrared Thermometer.

- Dustproof and waterproof - IP67
- Made from ABS resin of antibacterial specification
- Shock-proof structure: No damage even if dropped from the height of 1m
- With auto-power-off function, preventing consumption of the battery
- Wide Temperature Range of -40°C to 300°C
- Small and light: Possible to measure easily by one hand
- Portable type: Convenient to carry

5510KY	47032410

VOLTAGE / CONTINUITY

POWER POINT LEAKAGE TESTER

DIGITECH



Diagnose potential issues with wiring, missing earth, live/neutral reverse, earth/ live reverse, missing neutral and live faults.

	QP2004	44488249

VOLTAGE AND CONTINUITY TESTER

KYORITSU



AC and DC voltage tests up to 690V with LED.

- Large and bright LEDs
- Comply with the latest standards IEC 61243 and IEC 61010
- Penlight (white LED)
- Auto-power ON/OFF
- Audible indication

	KT170AU	44488501

100AMP AC/DC MULTI TESTER

FLUKE



Voltage, Continuity and Current Electrical Tester.

- Automatically measures volts AC and volts DC with precise digital resolution
- Displays resistance to 1000Ω
- Easy and accurate OpenJaw™ current measurement
- Continuity beeper
- Compact design with neat probe storage
- Rugged enough to withstand a 10ft (3m) drop

1000V	T51000	47054048
600V	T5600	47054045

T5-1000 ELECTRICIANS COMBO KIT

FLUKE



Allows you to check voltage, continuity and current with one compact tool.

- Fluke T5-1000 Kit includes the H5 Holster Belt accessory and 1AC tester
- Automatically measures volts AC and volts DC with precise digital resolution
- Displays resistance to 1000Ω
- Easy and accurate OpenJaw™ current measurement
- Continuity beeper
- Compact design with neat probe storage
- Rugged enough to withstand a 10ft (3m) drop

	T5H51ACKIT	47054049

VOLTAGE ALERT / DETECTOR

FLUKE



The next generation VoltAlert™ AC non-contact voltage tester from Fluke is easy to use – just touch the tip to a terminal strip, outlet, or supply cord. When the tip glows red and the unit beeps, you know there's voltage present.

- Voltbeat™ technology and continuous self-test – so you always know it's working
- Upon detection, tip glows and beeper sounds
- CAT IV 1000V for added protection
- Expanded range: 90V to 1000V AC or 200V to 1000V AC depending on model
- 20V to 90V AC control circuit model also available
- 2 Year Warranty

	1ACMK2	47054050

VOLTAGE DETECTOR WITH LIGHT

DOSS®



Extremely easy to use, just hold the detector close to a source to see whether there is any voltage going through it or not. Non-contact means safety.

- Dual function: Voltage Finder and Flashlight
- Rugged, double molded case
- Bright white LED flashlight with built-in On/Off button
- For use with 50/60Hz circuits
- Includes 2x "AAA" batteries

	VF2LED	47054052

NON CONTACT VOLTAGE TESTER

testo



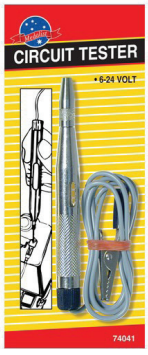
The testo 745 non-contact voltage tester is ideally suited for fast initial checking of any suspected fault sources.

- Voltage range up to 1,000V
- Adjustable for phase detection or voltage indication
- IP67 Waterproof and dustproof
- Visual and acoustic signal

	745	47054053

6V TO 24V CIRCUIT TESTER

MEDALIST



- Metal body
- Great for around the car or truck

	VT624	47054058

600V 200A AC/DC MULTI TESTER

FLUKE



Measure voltage up to 600 V ac through the open fork, without test lead contact to live voltage.

- FieldSense technology
- Works with wires up to AWG 4/0 (120 mm2)
- HOLD button
- Easy to read display with backlight

	T6600	47054062

1000V 200A AC/ DC MULTI TESTER

FLUKE



Measure voltage up to 1000V AC through the open fork, without test lead contact to live voltage.

- FieldSense technology
- Works with wires up to AWG 4/0 (120 mm2)
- HOLD button
- Easy to read display with backlight

	T61000	47054064

2 POLE VOLTAGE TESTER WITH LCD

STANDARD



Overvoltage class CAT III 1000V/CAT IV 600V.

- Bright flashlight
- AC/DC voltage detection
- Polarity detection
- Continuity test
- Rotary field indication
- Low impedance test
- IP64

ST9030 47054100

PRESSURE

TYRE PRESSURE GAUGE

STANDARD



White LED light tip helps to find the tyre stem easily.

- Much easier to use than conventional air gauges
- Measures tire pressures of 5 to 100 pounds per square inch (PSI)
- Units of measurement are PSI or kPa
- Range: 5-100 PSI
- Accuracy: ±(1%+0.5) PSI
- Size: 156(H) x 42(W) x 20(D)mm
- Weight: 77g

TP5 07050025

CARBON MONOXIDE METER

CARBON MONOXIDE METER STANDARD

STANDARD



Detects the presence of carbon monoxide (CO) and measures concentrations between 1-1000 parts per million (PPM). The meter indicates the presence of CO by a reading on the LCD and a beeper tone. The beeper functions much like the clicking of a Geiger counter.

- Digital LCD display
- Auto/manual zero
- Memory for 10 complete data sets
- Pocket size and easy to use
- Record mode
- High quality sensor
- Red & Blue LED light and audible alarm (>90dB)

C0110 47660001

MOISTURE METER

WOOD MOISTURE METER

STANDARD



Measuring wood moisture range from 6% to 44%, other material from 0.2% to 2.0%.

- Measure the moisture level in sawn timber and hardened materials
- Readings with moisture probe or hammer electrode
- Reading with integrated electrode pins
- Large LED screen

ST125B 47660100

LIGHT

LIGHT METER W/LCD DISPLAY USB

STANDARD



Provides accurate display light level in terms of Foot candles (FC) or LUX over a wide range.

- Comes with detachable photo detector with attached cover for protection
- Includes durable carry case with padded foam
- Measurement rate: 1.5 times per second
- Wide range to 40, 000FC/400,000 lux
- LCD display counts: 4000
- Analogue bargraph/ segments: 41 segments
- USB connection to your PC for real time monitoring and data logging (software incl.)

ST8809A 46950010

GAS

GAS LEAKAGE DETECTOR



Measurement ranges: 0-10,000 ppm.

- Power on: Press and hold for 3 seconds
- Auto power off: Approx. 3 minutes
- Requires 2x "AAA" batteries (not included)
- Sensor detects butane, propane, acetylene, and methane (natural gas)
- Dimensions: 165(L) x 27(W) x 21(D)mm

QP2299 44364020

AUDIO / VIDEO

13-WAY AV CABLE TESTER



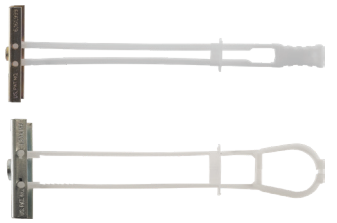
Compatible with 6.35mm jack, 3/5/7/8-pin DIN, RCA, 3/5-pin XLR, 4P and 8P Speakon, Banana plugs, RJ45 and USB.

- An invaluable tool for checking leads in an instant
- Equally suited to AV & CCTV installers

Q2022 44364010

HARDWARE

HEAVY DUTY HOLLOW WALL ANCHORS TOGGLER

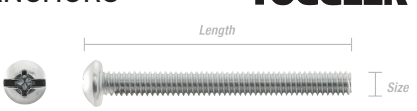


SNAPTOGGLE® anchors get their name from their speed and ease of use – they work in a SNAP!

- New longer and stronger plastic straps that now work in base materials 3/8" to 3 5/8" thick and will not break prematurely like other plastic straps
- Straps that snap off flush with the wall every time, assuring precise alignment
- A new plating that is 7x more corrosion-resistant than government spec zinc plating
- Does NOT destroy wall or ceiling plastic – cap & metal channel centres bolt & prevents abrasion
- SNAPTOGGLE Applications/Solutions
- Shelving
- Flat Screen TVs (LCD and Plasma) and more!

3/8"-16	32kg	BC21015	52661025
1/4"-20	27kg	BB24014	52661005

SCREW TO SUIT SNAPTOGGLE ANCHORS TOGGLER



3/8"-16	4.0" (101.6mm)	TS38X4	52663014
1/4"-20	4.0" (101.6mm)	TS14X4	52663008
1/4"-20	3.0" (76.2mm)	TS14X3	52663005
3/8"-16	2.5" (63.5mm)	TS38X212	52663011
1/4"-20	2.5" (63.5mm)	TS14X212	52663002

01098IG 409
01098IR 409
01099IG 409
01ACLP45 165
01BUWX16L 165
01BUWX20 165
01CUPA2L 165
01DV304L 166
01DV307 166
01EDAB 167
01EFM3 166
01MMSA100 164
022729 462
022730 462
022731 462
022732 462
022733 462
022734 462
024576 195
024576B 194
024576W 195
024584 195
02484E 195
02629 192
02632 192
02635 192
02638 192
02638W 192
02714S 185
02724 184
02728 185
02729 185
027303 185
027313 185
027314 185
02732 185
02734 185
027423 184
02MM-DG91 165
02N15-1M 285
02N25-1M 285
02N40-1M 285
03-111C 403
03-125A 404
03-125B 404
03-125C 404
04349MS 158
04354WMP 158
04AMENC01 168
04AMENC02 168
04N40-1M 285
06-202MK 418
07096 452
07201 187
07702BK 187
07812H 187
07813H 187
078211H 187
078213H 187
07821M 187
07821T 187
07832H 187
07840H 187
07841H 187
07890K1 187
07890M3 187
07890M4 187
07890S1 187
07890S6 187
07CUVFJ 174
08-312 454
08-362 448
08-376E 454
08-389 466
08-391B 466
08-606 453
08233K 453
08369B 465
10-778 432
100-001 222
100-004 220
100-034 223
100-076 219
100-094 219
100-200 222
100-225 219
100-245 220
100-290 222
100-354 212
100-354IN 212
100-606 01 238
100-662 218
100-666 221
100-928 S1M 229
100-932 M250 232
100-934 R200R 229
100-935 R200S 229
100-936 D200AB 229
100-937 D200AS 229
100-938 D200VB 232
100-939 D200VS 232
100-940 K200 229
100-941 238
100-942 238
100-944 238
100-948 238
100-949 238
100-962 238
100-977 232
100-978 238
1009KY 480
100W12V 253
100WHBC 253
100WHES 253
101-157B 235
101-158 235
101-168 235
101-182 236
101-244 221
101-283 221
10100SMA 185
1011KY 480
101205 184
1012095 184
1012KY 480
1013102 185
1018HKY 481
1018SKY 481
1030KY 481
104-094 215
104-095 215
104-631 215
104-637 215
104-637B 215
1051KY 480
106-013 220
106-016 222
106-040 223
106-079 218
106-080 220
106-081 220
106-084 220
106-091 219
106-100 222
106-167 222
106-168 218
106-169 222
106-170 218
106-173 218
106-178 222
106-179 222
106-215 218
106-249 223
106-259 218
106-303 217
106-396B 207
106-906 238
106-907 238
106-911 231
106/1BL 336
1061KY 481
1062KY 481
10F3546 165
10JB204 78
10JB207 78
10UBLK 352
10WCOM-1M 281
10WCW 252
11-700T 432
1109S 476
114F 476
114SP 402
1151LP 256
1155LP 256
115F 476
1161LP 256
116F 476
117F 476
11A 331
12044CB 403
12045CB 403
12FTCC 288
12G2C152M 284
12G2C1M 284
12VLD 256
12VLES 256
12VT10 256
12VT5 256
12X7.2SCR-1M 281
130AAMT 328
13LP 256
13WCW 252
1407RW 288
143MB 339
14525IM 458
1454N 404
14AIRMGAL 175
14ASMTW 175
14ATPMBKE 176
14ATPMI 176
14ATPMIEGY 176
14ATPMT 176
14ATRMGAL 176
14CCM 179
14CFIRMECO 179
14ECCK 175
14ECKS 175
14ED 335
14FMEXT15GAL 174
14G2C152M 284
14G4C152M 284
14JGWR 177
14MEXTACC 177
150W24V 253
150WCHG 252
1593SBK 404
1598AS 404
1598CS 404
1598ES 404
1598FS 404
1598HS 404
1598JS 404
15FTBB 288
15FTBW 288
15LED17HD 13
15RCCB 288
15RCCW 288
15WCW 252
16-.2BLU-30M 283
1604AU 324
1620 317
16250MCS 447
165-437 221
16G2C152M 284
16LEDT6V 250
16VAC1500S 237
16W12T8SW 248
16W12T8WW 248
16WCOM-1M 281
175F 477
177F 477
179F 477
18080B 246
18250MCS 447
18500MCS 447
18BS 276
18MTD 410
18PN100KA 411
18PN100KB 411
18PN10KA 411
18PN10KB 411
18PN1KA 411
18PN1KB 411
18PN1MA 411
18PN1MB 411
18PN20KB 411
18PN500B 411
18PN500KA 411
18PN500KB 411
18PN50KA 411
18PN5KA 411
18PN5KB 411
18WS 276
1A010BK 296
1A050BK 296
1A052BK 296
1A054BK 296
1A056BK 296
1ACMK2 495
1H007 474
1H008 474
1H012GN 474
1H012GR 474
1H014 474
1H017GR 474
1H024GN 474
1H024GR 474
1H025 474
1H025GN 474
1H026 474
1H027 474
1H028 474
1H029 475
1H030 475
1H031 475
1H032 475
1H033 475
1H038 475
1H039 475
1H040 472
1H041 472
1H042 472
1H043 472
1H046 471
1H050 471
1H051 471
1H052 471
1H053 471
1H057 475
1H058 475
1H081 475
1H082 475
1H083 475
1H090 475
1H091 475
1H092 475
1H093 475
1H094 475
1H095 475
1H097 475
1H098 475
1H100 475
1H101 475
1H124 474
1H125 474
1H126 474
1H127 474
1H150 473
1H155 472
1H161 472
1H162 472
1H166 472
1N4007 417
1N4007SM 417
1N4148 417
1N5062 417
1N5404 417
1N5408 417
1N5627 417
1PK-046S 461
1PK037S 456
1PK051DS 460
1PK3003F 454
1PK317 466
1UBLK 161
2003A 485
2005CRC 436
2009RKY 485
200V4QSBR 314
20108CB 403
2015CRC 434
2015WE 337
2016CRC 434
2017CRC 434
2018CRC 435
2019CRC 435
20250MCS 447
2025WE 337
2027CRC 434
2031CRC 437
2039CRC 437
2042 490
2046R 485
2049CRC 437
20500MCS 447
2056R 485
2065CRC 435
2085CRC 437
208HS 462
2094CRC 436
20DS002 158
20DS004 158
20EB055 403
20EB056 403
20LTAP 434
20W12V 253
20WCOM-1M 281
21-.08B-30M 283
21-.08BLU-30M 283
21-.08GRN-30M 283
21-.08R-30M 283
21-.08W-30M 283
21-.08Y-30M 283
2101G-125 456
2101G-140 456
2101G-160 456
2108-12 451
2108-18 451
2108-24 451
210HCT-25 451
2116-12 451
2116-18 451
2132-12 451
2132-18 451
216NB 410
216NW 410
2200 485
22097 461
221-412 429
221-413 429
221-415 429
221-500 429
222-412 429
222-415 429
222-500 429
22250MCS 447
223V5LHSB2 314
22500MCS 447
226V4LAB 314
22AV8573 86
22DS001 158
22PB 276
22PLB101 119
22PLB110B 119
22WCIR 253
23AEGP 331
23AHW 331
23PB075 276
23PB100 276
23PBR 276
23PW 276
24-.2B-100M 283
24-.2B-1M 283
24-.2BLU-100M 283
24-.2BLU-1M 283
24-.2BR-100M 283
24-.2BR-1M 283
24-.2DS-100R 283
24-.2G-100M 283
24-.2G-1M 283
24-.2R-100M 283
24-.2R-1M 283
2400VHTR 212
2400VTR 212
2430G-200 461
24ED 335
24SN100KA 410
24SN100KB 410
24SN10KA 410
24SN10KB 410
24SN1KB 410
24SN1MA 410
24SN1MB 410
24SN250KA 410
24SN25KA 410
24SN25KB 410
24SN2MB 410
24SN500B 410
24SN500KA 410
24SN500KB 410
24SN50KA 410
24SN50KB 410
24SN5KA 410
24SN5KB 410
24VLD 256
2500CLK 241
250W24V 253
2512 172
2514 172
2520TMR 242
255R 31
25AC2 324
25WCOM-1M 281
264-5-5L 448
2660BG-18 452
2660YB-18 452
26DN001 157
26WCOM-1M 281
27-25130 461
2711 454
2712 453
27A 331
27AHW 331
287F 478
29250MCS 447
29A 331
2L-5302U 315
2MRED 84
2N2219 418
2N2222A 418
2N2369 418
2N3019 418
2N3055 418
2N3642 418
2N3645 419
2N3819 419
2N3904 418
2N5401 419
2N5459 419
2N5485 419
2N5551 418
2N6027 418
2N6126 419
2PRTEL-1M 281
2UBLK 161
2X10.12-1M 280
2X12V160 361
2X12V300 361
2X12V80 361
2X14-.14-100M 283
2X14-.14-1M 283
2X16.2-100M 279
2X16.2-1M 279
2X18V160 361
2X18V300 361
2X18V80 361
2X23.12-100M 279
2X23.12-1M 279
2X24-.2DSR-1M 283
2X24-.2DSW-1M 283
2X24-.2PB-100M 283
2X24-.2PB-1M 283
2X24-.2PBR-100M 283
2X24-.2PG-100M 283
2X24-.2PG-1M 283
2X24-.2PW-100M 283
2X24-.2PW-1M 283
2X25V160 361
2X25V300 361
2X25V80 361
2X30-.14-100M 284
2X30-.14-1M 284
2X40V160 361
2X40V300 361
2X41-.16-100M 284
2X41-.16-1M 284
2X80.08-1MT 280
2X96.12R-30M 285
3005A 487
3013CRC 436
3022 179
3055CRC 437
3070CRC 434
30MWE 336
3103B 335
3103BLW 335
3132A 487
31ED 335
31FEQ 143
32-.2B-1M 283
32-.2R-100M 283
32-.2R-1M 283
32EB 335
32PB 276
32WCIR 253
33BLACK 402
343A 335
348BLU 355
348RED 355
348YEL 355
34EA 335
34EHB 335
34WCOM-1M 281
357A-10 451
357GTB-40 451
357GTS-40 451
357GTW-40 451
360A-24MIX 451
361GT4.5-BLK 451
361GT4.5-BLU 451
361GT4.5-RED 451
361GT4.5-SIL 451
361GT4.5-WHT 451
361GT4.5-YEL 451
3625BT 402
36EHB 335
36WCW 252
36WDL 252
374FC 486
37974 77
3800CTVN 460
386SSB 452
386SSC 452
3A2B 61
3A2W 61
3AG1.5A5 342
3AG100MA5 342
3AG10A5 342
3AG12A5 342
3AG150MA5 342
3AG15A5 342
3AG1A5 342
3AG2.5A5 342
3AG20A5 342
3AG250MA5 342
3AG25A5 342
3AG2A5 342
3AG35A5 342
3AG375MA5 342
3AG3A5 342
3AG4A5 342
3AG500MA5 342
3AG5A5 342
3AG6A5 342
3AG7.5A5 342
3AG750MA5 342
3AG8A5 342
3AGD1.5A10 343
3AGD10A10 343
3AGD15A10 343
3AGD1A10 343
3AGD2.5A10 343
3AGD250MA10 343
3AGD2A10 343
3AGD3.15A10 343
3AGD3A10 343
3AGD4A10 343
3AGD500MA10 343
3AGD5A10 343
3AGD6A10 343
3AGD750MA10 343
3AGD8A10 343
3AGFC 344
3AGKIT 343
3AW-1.5K 411
3AW-10 411
3AW-100 411
3AW-10K 411
3AW-15K 411
3AW-1K 411
3AW-20 411
3AW-20K 411
3AW-250 411
3AW-25K 411
3AW-3K 411
3AW-50 411
3AW-500 411
3AW-50K 411
3AW-50SH 411
3AW-5K 411
3PRTEL-1M 281
3S550AU 357
3S700AU 357
3X32-.2PG-1M 283
3ZA80PCB 327
4001 417
4008 417
400MB 125
400MW 125
40106 417
4011 417
4012 417
4013 417
4015 417
4016 417
4017 417
4018 417
4020 417
4022 417
4024 417
4027 417
4031 417
4043 417
4046 417
4049 417
4051 417
4052 417
4053 417
4060 417
4066 417
4069 417
4070 417
4071 417
4076 417
4081 417
4082 417
40HFL3010 13
40WCIR 253
40WCOM-1M 281
4131 455
413LA 338
414D 460
4174 417
418UATR 336
421D 459
43-603 432
43BDL4050D 13
43P-1KB 411
43P-200KB 411
43P-5KB 411
43PUT6801 13
450-185 221
450-246 221
4500 241
450020 85
4502 417
4503 417
4511 417
4512 417
4518 417
4520 417
4526 417
4538 417
4541 417
4584 417
476A 331
4800CTV 460
4GFFWP 171
4GFP 171
4MM5MDX 466
4MMX2-1MT 280
4N25 419
4N35 419
4PAVS 65
4PRCAT6BLU-1M 282
4PRX7BLU-1M 281
4PRX7ST-1M 281
4RDCC 288
4WCW 252
4X10.12-1MT 280
4X14-.2SC-1M 285
4X30-.10-100M 284
4X30-.10-1M 284
4X7-.2SC-100M 285
4X7-.2SC-1M 285
4X7.2SCR-1M 281
50-1-25 449
50-2-25 449
50-3-25 449
50-4-25 449
5005CRC 436
500LB 220
5041CRC 437
5070CRC 435
5097CRC 437
5098CRC 437
50LP 256
50W12V 253
50WCOM-1M 281
51-IIF 494
515SBG18X 155
52-IIF 494
52317 248
52318 248
52901 253
530 223
534-100 411
534-100KB 411
534-10KB 411
534-1KB 411
534-20KB 411
534-500 411
534-5KB 411
53PB 276
53PW 276
540 224
5406A 488
54LP 256
550-13 452
5500KY 494
5501CRC 436
55080 90
55090 105
550IEC 335
5510KY 494
5518 443
5519 443
5520 443
5523 443
55528 93
55550 299
55555 299
5570 178
55716 299
55725 299
55PUT6801 13
560D 220
560IEC 335
568F 494
570IEC 335
58WDL 252
590IEC 335
599CB 192
5RDCC 288
6.52DVCA2 57
6.5CST 57
6006CRC 436
6007-2 375
6007-3 375
6007-4 375
6007-6 375
6008MT 459
6016 487
6030B 409
6073B 409
60AAAHCC2 330
60WHBC 253
60WHES 253
60WR80 252
610ST/IVY 202
6141KY 481
6200CLK 241
6200E 241
6201AKY 487
6206CLK 241
64481 254
64482 254
64483 254
64987 248
64W-10KB 411
64W-1KB 411
64W-20KB 411
64W-2KB 411
64W-500B 411
64W-50KB 411
64W-5KB 411
64WCOM-1M 281
64X-100KB 412
64X-10KB 412
6502MT 343
6505MT 343
65091 254
65093 254
65097 254
65099 254
65110 248
65111 248
65114 255
65119 254
65120 255
65121 255
65122 255
6515MT 343
65171 248
65171 248
6517MT 343
6518MT 343
65223 254
65224 254
65225 254
65226 254
65227 254
65232 255
65238 255
65268 248
6527MT 343
6528MT 343
65320 254
65321 254
65355 255
65364 255
6537MT 343
65593 253
65594 253
65639 249
65812 255
6584 359
65PUT6162 13
66-052 463
660CS 58
686S2-BA 45
686S2-RC 45
686S2-W 45
6FTCC 288
6MM6MDX 466
6PK330K 469
6PRTEL-1M 281
6RCCB 288
6RCCW 288
6RDCC 288
6VLD 256
6X7-.2SC-1M 285
6X7.2SCR-1M 281
7-.25BLU-30M 283

7-.25BR-30M 283
7-.25G-30M 283
7-.25OR-30M 283
7-.25R-30M 283
7-.25Y-30M 283
70-06-50 449
70-08-00 449
70-51-00 449
70141T 131
70142T 131
70158T 131
70170T 131
702S2B 43
702S2W 43
703S2R 43
704S2W 43
705AC 276
705S2B 45
7066KY 481
706S2R 45
707S2W 45
70H60 417
70H60R 417
70WR80 252
710AC 276
7123KY 482
7129KY 482
712MC-BULK 339
712MC-EACH 339
7135 444
7153AKY 482
7154BKY 482
7155AKY 482
7156AKY 482
7157AKY 482
7158AKY 482
7159AKY 482
720AC 276
720ACR 276
720ACRW 276
720ACW 276
721 228
7220KY 481
7234KY 481
72704 468
7288 451
730AC 276
745 495
74HC00 416
74HC02 416
74HC04 416
74HC08 416
74HC10 416
74HC11 416
74HC123 416
74HC125 416
74HC133 416
74HC138 416
74HC139 416
74HC14 416
74HC154 416
74HC157 416
74HC161 416
74HC163 416
74HC165 416
74HC173 416
74HC174 416
74HC175 416
74HC191 416
74HC20 416
74HC221 416
74HC240 416
74HC244 416
74HC245 416
74HC251 416
74HC257 416
74HC259 416
74HC27 416
74HC30 416
74HC373 416
74HC374 416
74HC393 416
74HC4002 416
74HC4040 416
74HC4051 416
74HC4078 416
74HC42 416
74HC4511 416
74HC4538 416
74HC597 416
74HC73 416
74HC74 416
74LS02 416
74LS04 416
74LS05 416
74LS08 416
74LS123 416
74LS125 416
74LS138 416
74LS139 416
74LS14 416
74LS163 416
74LS193 416
74LS240 416
74LS245 416
74LS32 416
74LS38 416
74LS47 416
74LS74 416
74LS85 416
750715G 360
750AC 276
752BD 22
7555CN 416
75WR80 252
760-1 477
760-2 477
760-3 477
770-3 486
777PWE 337
7X9.3-1M 280
8.52DVCA2FG 58
8.5CST 57
80-1-5 449
80-2-5 449
80-3-5 449
80-4-5 449
8003TH 445
8010SD 462
8014 445
8020SD 462
8030SD 462
8038U 445
8040SD 462
805MT18 451
805MT48 451
80BVH 327
80K6 484
8115KY 482
8121KY 483
8122KY 483
8123KY 483
8141KY 483
8142KY 483
8143KY 483
8148KY 483
8150SD 462
8216KY 481
8241KY 481
8243-10G 434
83050 471
83060 471
833MT18 451
833MT24 451
833MT48 451
835MT24 451
835MT36 451
835MT48 451
840-003 237
8403-20G 433
8405KY 482
8406-20G 433
8406KY 482
8407KY 482
8408KY 482
8414-20G 433
8480-20G 434
8600SD 462
8610SD 462
8620SD 462
864SC 193
8680-250 433
87-V 477
898M 242
8FTBB 288
8FTBW 288
8MATE 11
8P2HDMI 267
8PK2065N 463
8PK8100E 464
8RCCB 288
8RCCW 288
8RDCC 288
8W06T8SW 248
8W06T8WW 248
8WCW 252
8X7-.2SCR-1M 281
9004U 445
9007U 445
9038UN 445
9107U 446
91581 77
9521A 177
99201W 247
9LEDT4AA 251
A102FSB 127
A102HCS6B 49
A102TSB 127
A1706 137
A1712 137
A1724 137
A1741 141
A1806 137
A1812 137
A200HCS5B 50
A2030D 137
A2060D 137
A2080B 101
A2110 101
A2120D 137
A2120DT 137
A2240D 137
A2240DT 137
A2265 102
A2287A 101
A2513 143
A2514 143
A2651 159
A2696 41
A2698A 41
A2GPO 337
A41030 73
A41310 74
A41360 73
A4314 140
A4500A 142
A4572 141
A4903 142
A5006 137
A5012 137
AA002 215
AA01 340
AA02 340
AA0504 67
AA0520 26
AA08 340
AA2099 73
AA2103 73
AA2104 70
AA6005 353
AAC73 242
AB20 69
AB2D 101
AB39 69
AB43 69
AB61 69
AB62 69
ABA3115 416
ABBT10 69
ABDC6 59
ABDW5 61
ABK4RJB 69
ABK50 69
ABPC6 59
ABPW5 61
ABR43 70
ABX88 70
AC10F 230
AC10S 230
AC10U 230
AC120 483
AC12025115 430
AC12025240 430
AC12038115 430
AC12038240 430
AC12038240L 430
AC1205 348
AC1210 348
AC1593 79
AC1615 348
AC1671 103
AC1720 93
AC1739 96
AC1781 65
AC1784 94
AC1810 348
AC2410 348
AC24625 349
AC6NKWMP 469
AC8025240 430
AC8038240 430
AC907X2 348
AC910 348
AC920 348
AC9225240 430
ACC400 438
ACDPDT 221
ACP10ABR 144
ACS3.0 54
ACTIB45 209
ACTIB47 209
ACWBHPI8I 144
AD105 187
AD106 187
AD513 366
AD60HL 219
AD89 187
AD92SMA 188
AD98FSC 188
ADC0808CCN 416
ADC11AU 96
ADCS1 272
ADM1501 90
ADM5 97
ADPL42 129
AE312H 192
AE4001 189
AE4005 189
AE4007 190
AE4012K2 190
AE4018 190
AE4018BK1 189
AE4018K1 190
AE4018K3 189
AE4021 190
AE409L 189
AE4110 190
AE4701 190
AE4701B 181
AE4702 190
AE4705 190
AE4705BTP 190
AE4706 190
AE5002 189
AE6000HG 190
AERVX700 352
AFI-HD 304
AFI-P-HD 304
AFI-R 304
AGP76B1 326
AGP86B1 326
AGP89B1 326
AH20 211
AH24 211
AH2GLD 77
AH2SL 77
AH8BLK 319
AH8SLV 319
AHC40300 456
AHD2HDMI 95
AHD4INK 215
AHW150BK 76
AHW150BU 76
AIL107T 179
AIR100 32
AIRD002 90
AIRFIBER24 311
AIRLINK002 90
AITVF 487
AJ2000 39
AJ3115 38
AJ3123 38
AJ3200 32
AJ3232B 38
AJB4300W 39
AJT5300 39
AK2B 407
AK2R 407
AL1A 157
AL22TV 13
AL3A 157
AL5.1S 49
AL675 122
AL965 122
ALLS270 439
ALLS90 439
ALOOPMATCH 39
ALOOPMTAM 39
ALOOPTAM 39
ALPHA100 42
ALPHA100RIAA 42
ALPHA100RIAAPBT 42
ALSDP101 463
ALSDR101 463
AM160 68
AM183IPS 168
AM187IPS 168
AM1B 157
AM1BLACK 61
AM1W 157
AM1WHITE 61
AM2B 131
AM2W 131
AMASC 438
AMM 476
AMP-D20BR 66
AMP-D20E 66
AMP235 68
AMP235KIT 55
AMP523MK2 26
AMS66 237
ANT200PT 313
ANT2408CL 312
ANT2409A 313
ANT2412D 313
ANT2424B 313
ANT24EC12N 313
ANT24EC3S 313
ANT24EC5S 313
ANT3030810 167
ANT828 187
ANTGM 178
ANTGM2 178
AOUCA3IN1 267
AP102 196
AP12 197
AP120 196
AP122 196
AP172 197
AP259 197
AP265 197
AP332 197
AP334 197
AP336 197
AP40 196
AP4543G 194
AP5B 131
AP5W 131
AP62 196
AP67 196
AP68 196
AP69 197
AP70 196
AP71 196
AP73 196
APFIND2 198
APK4B 407
APK4R 407
APMTDASH 181
APMVLOK 181
AQB18BLK 73
AQB18BLU 73
AR1771 250
AR1908 89
AR1922 25
AR1956 85
AR1962 85
AR300 69
AR3127 90
AR3310 195
AR3311 195
AR3312 195
AR3330 198
AR3332 198
AR3334 198
AR3336 198
ARCHERC2300 303
ARCHERC3150 303
ARCHERC4000 302
ARCHERC5400 303
ARCHERC60 303
ARCHERC7 304
ARCHERC9 303
ARCHERD9 301
ARCHERMR200 302
ARCHERMR400 302
ARCHERT1U 313
ARCHERT2U 313
ARCHERT2UH 313
ARCHERT4U 313
ARCHERT9UH 313
ARCHERVR2800 301
ARCHERVR300 301
ARCHERVR400 301
ARCHERVR500V 301
ARCHERVR600 301
ARCHERVR600V 301
ARCHERVR900 301
ARJ03P 366
ARL200M5M 433
ARL200MSS 433
ARL24M5M 433
ARL24MSS 433
ARMOURCARD 238
ART310AMK3 145
ART312AMK3 145
AS1100BBG 28
AS1W 338
AS2100BBG 28
AS2100SBG 28
AS2100SLB 28
AS2400 34
AS2W 338
AS300TBLK 33
AS300TWHT 33
AS301B 27
AS301S 28
AS3A 228
AS3FNPP 173
AS41 59
AS4FNPP 173
AS4SAT 59
AS4TF12 173
AS501B 27
AS501S 27
AS701B 27
AS8TF16/II 173
ASC01 435
ASC05 435
ASC20 435
ASW1 337
ASW2 337
ASW3 337
ASW4 337
ASW608-BA 48
ASW608-W 48
ASW610-BA 48
ASW610-W 48
ASW610XP-BA 48
ASW610XP-W 48
AT3482P 83
AT406 226
AT50 101
AT907B 446
AT907H 446
AT908 446
AT908H 446
AT938D 441
ATC01 204
ATC02 204
ATEO4B 149
ATEO4W 149
ATEO6B 149
ATEO6W 149
ATM10-1 343
ATM15-1 343
ATM2-1 343
ATM20-1 343
ATM25-1 343
ATM3-1 343
ATM5-1 343
ATM7.5-5 343
ATN20 167
ATS909X 37
ATS909XANT 37
ATSS50 440
ATSS50H 446
ATT12B 172
ATT12F 172
ATT16F 172
ATT18B 172
ATT20F 172
ATT3B 172
ATT3F 172
ATT6B 172
ATT6F 172
ATT9F 172
ATT9FP 172
ATVPRO 94
AU10A-1 343
AU15A-1 343
AU20A-1 343
AU30A-1 343
AU3A-1 343
AU5A-1 343
AU7.5A-1 343
AV10 128
AV212 90
AV2HDMI 95
AV313 90
AVHZ3100DAB 40
AVRX1500B 12
AVRX2400H 29
AVRX2500B 11
AVRX3500B 12
AVRX4400H 29
AVRX550B 11
AVRX6300H 29
AVS88 73
AW163BK 280
AW163RD 280
AW263BK 280
AW263RD 280
AW6 468
AW653BK 280
AW653RD 280
AW8 468
AWS10B 133
AWS10W 133
AWS32R 450
AWS502B 61
AWS502W 61
AWS602B 61
AWS602W 61
AWS802B 61
AWS802W 61
AX084C 234
AX16SW 234
AX248C 234
AX320C 234
AX50 27
AXDM 234
AXDVFP 234
AXP3364V6MM 209
AXP3364VE6MM 209
AZTDUC50G 452
B100 442
B22 57
B30 57
B3STRCA-2 264
B9536-1M 281
BA151 77
BA300 77
BA370 77
BA60 446
BA90 77
BAE100 70
BAS1060 222
BAV21 417
BB2 185
BB24014 496
BB6IW 63
BBNBNFK 404
BBNBNV1 404
BBNBNXLFK 403
BBNBNXLV2 403
BBS1 484
BBS2 484
BBS3 484
BC10 444
BC109 418
BC121N 187
BC144 187
BC21015 496
BC213 187
BC214 187
BC228 332
BC2S 334
BC309 418
BC317 418
BC327 419
BC337 418
BC338 418
BC3903 178
BC49165 179
BC4G 210
BC4L 334
BC546 418
BC547 418
BC548 418
BC549 418
BC550 418
BC556 419
BC558 419
BC559 419
BC581 332
BC588 332
BC639 418
BC640 419
BC81326 173
BC906 332
BCC10 333
BCD001 188
BCD010 188
BCD020 188
BCIRT4U7 359
BCM001 188
BCRM2U 359
BCV007 188
BD139 418
BD140 419
BD237 418
BD238 419
BD3000 22
BD400 317
BD437 418
BD438 419
BD678 419
BD680 419
BD681 419
BDJ4500 22
BDL4660EL 11
BEOA1BLK 33
BEOA1GR 33
BEOA1N 33
BEOA2GRN 33
BEOA2SG 33
BEOA2SLV 33
BEOA9BLK 62
BEOA9CRD 62
BEOA9CWH 62
BEOA9WH 62
BEOP2BLK 33
BEOP2RBL 33
BEOP2SS 33
BF199 418
BF459 418
BFR90 418
BH00010 198
BH800 335
BH9VPC 335
BK3HCCE4BT 327
BK3MCCE2BA 327
BK3MCCE4BA 327
BK4MCCE2BA 327
BK4MCCE4BA 327
BLACKHAWK 196
BLOCKBUSTER7500 12
BLP050-100 425
BLP075-100 425
BLP100-100 425
BLP12 184
BLP150-100 425
BLP250-100 425
BLTHOOK 107
BLUETONE100 32
BLX14CVL-K14 154
BLX14CVL-M17 154
BLX24PG58 154
BLX24PG58 154
BLX24RSM58 154
BMC224-100 280
BMP40 160
BMR3X 69
BNC477H 191
BNWP01 397
BNWP01B 397
BOX30S 245
BP024 188
BP160 187
BP206 187
BP210N 187
BP217 187
BP232H 187
BP232WP 187
BP240 187
BP252 187
BP280 187
BP506 188
BP865MPA 440
BQ100 242
BQ12 241
BQ170 242
BQ368 241
BQ38 241
BQ50 241
BS1001 33
BS1030B 149
BS1030W 149
BS633AT 149
BS678T 149
BT137-500 418
BT200G 438
BT3F 172
BT44S 99
BT50 334
BT90S 99
BTA1000 68
BTD03 318
BTS101 33
BU208 418
BU326A 418
BU426A 418
BUZZOFF 143
BV004 444
BVB4100P 213
BVB4102SHD 214
BVB4200WP 213
BVB4201PLHD 214
BWC2-EACH 429
BYV96E 417
BYX42-1200 417
BYX42-1200R 417
BZX79-C10 417
BZX79-C11 417
BZX79-C12 417
BZX79-C15 417
BZX79-C20 417
BZX79-C24 417
BZX79-C27 417
BZX79-C2V7 417
BZX79-C3V0 417
BZX79-C3V3 417
BZX79-C4V7 417
BZX79-C5V1 417
BZX79-C5V6 417
BZX79-C6V2 417
BZX79-C6V8 417
BZX79-C7V5 417
BZX79-C8V2 417
BZX79-C9V1 417
BZX85-C12 417
BZX85-C15 417
BZX85-C16 417
BZX85-C3V9 417
BZX85-C4V3 417
BZX85-C4V7 417
BZX85-C5V1 417
BZX85-C5V6 417
BZX85-C6V2 417
BZX85-C6V8 417
BZX85-C7V5 417
BZX85-C8V2 417
BZX85-C9V1 417
C0410 157
C0412 157
C0415 157
C0523 127
C0703 147
C0715 147
C0805 106
C0844 121
C0887 146
C1050 146
C1051 146
C1103-713 404
C12-105DA 330
C12-120DA 330
C12-125DA 330
C12-140DA 330
C12-165DA 330
C12-270DA 330
C12-40DG 329
C12-55DA 330
C12-55DG 329
C12-75DA 330
C12-75DG 329
C123LA 227
C12C 184
C1564B 120
C2 445
C2050 148
C248 350
C25 483
C320AC 274
C3AG10A10 342
C3AG12A10 342
C3AG15A10 342
C3AG1A10 342
C3AG20A10 342
C3AG250MA 342
C3AG2A 342
C3AG3A10 342
C3AG4A 342
C3AG500MA 342
C3AG5A 342
C3AG6A 342
C3AG7.5A 342
C3AG7A 342
C3AG8A10 342
C4 155
C44KIT 91
C5 157
C50 483
C547BL 157
C5RBLK 282
C5RBLU 282
C5RGRN 282
C5RGRY 282
C5RSTBLU 282
C5RYLW 282
C5S2 76
C6RBLK 282
C6RBLU 282

C6RGRN 282
C6RGRY 282
C6RRED 282
C6RWHT 282
C6RYLW 282
C7184B 140
C7192B 142
C7195 142
C7197A 142
C720AC 274
C7210 140
C8913A 155
C90 484
C922 320
CA115 141
CA1250 68
CA130 141
CA16 165
CA160 141
CA18650 326
CA3130E 415
CA3140E 415
CA4R25 324
CA6CK 162
CABC0668UF 333
CABC305 333
CABELSP2 283
CABEQB02 290
CABLE10M 128
CABTE6618BK 160
CABTE6818 160
CABTWM6406 160
CABTWM6606BK 160
CABTZH6606 160
CABTZH6612BK 160
CABTZH6618BK 160
CADR2-BI 162
CAFC01B1 162
CAFQ01B1 162
CAHC 319
CALR1 324
CALW01-B1 162
CAP2 197
CAP412 138
CAP448 139
CAPT01B1 162
CARE80 198
CAS4 197
CASBP1-B1 162
CASBP2-B1 162
CASBP3-B1 162
CASC004 162
CASC100 162
CASH21 162
CASH22 162
CASS10-B1 162
CAT01 170
CAT100AU 102
CAT10FA 172
CAT3FA 172
CAT5240WL 251
CAT6FA 172
CAT60UTDOOR-1M 282
CAT60UTDOOR305 282
CAT7018 246
CAT7280N 251
CATS28 246
CB8677 404
CB8679 404
CB8681 404
CB8685 404
CB8691 404
CB8693 404
CB8801 404
CB8804 404
CB8808 404
CB8812 404
CB8816 404
CB8820 404
CBA005 211
CBA28 197
CBC300 435
CBL1.5TE-1M 283
CBL2.5TE-1M 283
CBP001 211
CC0010/BLK 203
CC0020B/IVY 203
CC1USB24 355
CC1Z 290
CC250 492
CC2USB48 355
CC551 129
CCA20509 460
CCA5428 456
CCA6548 460
CCEL191-2 204
CCEL192 204
CCEL193-2 204
CCG50 438
CCM362 52
CCM382 52
CCM662 51
CCM663 51
CCM663SR 51
CCM664 51
CCM664SR 51
CCM665 51
CCM682 51
CCM684 51
CCM7.3 52
CCMCINEMA7 53
CCTVCOM24-100M 285
CCTVCOM24-1M 285
CCTVCOM24-250M 285
CD10 23
CD100/8WE 335
CD100L15CL 335
CD100LBL 335
CD100LCL 335
CD100LGY 335
CD100LWE 335
CD106/1GY 336
CD106/1WE 336
CD137WE 339
CD140WE 339
CD2011R 160
CD21/35/50 193
CD28/37/70 193
CD310WE 338
CD332WE 338
CD35WE 336
CD366WE 338
CD404 338
CD406 338
CD413 338
CD470 191
CD470PL 191
CD61/4552/53 193
CD770TOPLWE 202
CD7P15CL 336
CD7PCL 336
CD7PGY 336
CDBS6 456
CDC5506 23
CDC600B 24
CDC600S 24
CDCB108 344
CDCB116 344
CDCB120 344
CDCB132 344
CDL11W34PK 248
CDL11W44PK 248
CDN301 26
CDN301S 26
CDQ2195 195
CDS1000BBG 23
CDS2100BBG 23
CDS2100SBG 23
CDS300B 24
CDS300S 24
CDS700B 24
CDS700S 24
CDXL770/1WEWE 336
CDXL770/2WEWE 336
CDXL7774WE 337
CDXL777WEWE 337
CDXL787WEWE 337
CDXLA770/1WEWE 336
CDXLA770/2WEWE 336
CE01TV 105
CE650 51
CE700A 316
CE770 316
CEDPC1 204
CEHSCI01 204
CEL10M 215
CEL15M 215
CEL20M 215
CEL30M 215
CEL5M 215
CELFIPROOLPDA 194
CELFIPROT 194
CELFIPROTBH 194
CELFIPROTYAGI 194
CEM36 175
CER.001-50 405
CER.0022-50 405
CER.0033-50 405
CER.0047-50 405
CER.0068-50 405
CER.0082-50 405
CER.01-50 405
CER.022-50 405
CER.047-50 405
CER.1-50 405
CER10-50 405
CER100-50 405
CER12-50 405
CER120-50 405
CER15-50 405
CER150-50 405
CER18-50 405
CER180-50 405
CER22-50 405
CER220-50 405
CER27-50 405
CER270-50 405
CER33-50 405
CER330-50 405
CER39-50 405
CER390-50 405
CER47-50 405
CER470-50 405
CER5-50 405
CER56-50 405
CER560-50 405
CER68-50 405
CER680-50 405
CER7-50 405
CER82-50 405
CER820-50 405
CEX120BKIT 103
CF16GB 296
CF2GB 296
CF45DHB 395
CF45DHW 395
CF45SHB 395
CF45SHW 395
CF4GB 296
CF8GB 296
CFA16SM 162
CFAA5713AM 349
CFC0824 120
CFC1537 120
CFC3064 121
CFH1500B 246
CFH1577A 246
CFM4B 176
CFM4G 176
CFM6 176
CFMCAP 177
CFR1615 160
CFR1620 160
CFR2115B1 160
CFR2127B1 161
CFR2136B1 161
CFR2144B1 161
CFULB455KG1A-B0 429
CG01 450
CH381 319
CH6879-000 338
CH6881-000 338
CHB001H 213
CHC500 434
CHC75 434
CHDAA24 324
CHDAAA24 324
CHGR4U 353
CHGRC58W 134
CHK11625AF 148
CHKFM8 453
CHKI9 453
CHM99B 157
CHR615AF 148
CIG2-FLEX 354
CINENOVA7B 30
CIQ-KIT 492
CIQ100 491
CK9-2MT 274
CK99L 154
CL040 188
CL9V 325
CLA01 354
CLA70115 264
CLA71215 264
CLA8301 264
CLA832 264
CLA83405 264
CLAAAPK2 325
CLAAAPK4 325
CLAAPK2 325
CLAAPK4 325
CLASS5AB 60
CLASS5AW 60
CLASS6AB 60
CLASS6AW 60
CLASSIC522 459
CLASSIC532 459
CLD500/0.5 274
CLD500/1 274
CLD500/3 274
CLD500/5 274
CLE10M 354
CLE3M 354
CLI224HS 201
CLIBT510 66
CLOOPHDLRAM 40
CLOOPHDMATCH 40
CLP21R 354
CLP25 354
CLP34F 164
CLPC52 275
CLPC53 275
CLPC55 275
CM.001-50 404
CM.0022-50 404
CM.0033-50 404
CM.0047-50 404
CM.01-50 404
CM.022-50 404
CM.033-50 404
CM.047-50 404
CM.1-50 404
CM.22-50 404
CM.33-50 404
CM.47-50 404
CM1-50 404
CM100 104
CM205-1.6A 342
CM205-10A-10 342
CM205-12.5A-10 342
CM205-15A-10 342
CM205-1A 342
CM205-2.5A-10 342
CM205-250MA 342
CM205-2A-10 342
CM205-3.15A-10 342
CM205-4A 342
CM205-500MA-10 342
CM205-5A-10 342
CM205-6.3A-10 342
CM205-8A-10 341
CM4PR 53
CM760/CP77 147
CM7BG 53
CM7FX 53
CM7HD 53
CM7MP 53
CM7PR 53
CM7SD 53
CM7SI 53
CM8 - BY CORD 57
CM8HD 53
CM8MP 53
CM8PR 53
CM8SI 53
CM960/CP97 147
CMBD1 464
CMT14 462
CMY-1.202C-1 285
CN8000 316
CO110 496
COL6 191
COL9 191
COMBO20 167
COVERV2 43
CP-8 47
CP010 444
CP165 460
CP22 187
CP23L 187
CP300 492
CP4 231
CP400KIT 492
CP473B 191
CP474SSAMK 192
CP476SAMPK 192
CP476SK 191
CP476SSAMK 192
CP8SI 459
CP8SIM 459
CPB2 125
CPE210 310
CPE220 310
CPE510 310
CPE610 310
CPF1 37
CPK1 299
CPL20FRC25 249
CPLCRBC-A 455
CPS1 78
CPU4 238
CR1025PS 325
CR1220GP 325
CR1225 326
CR123A 324
CR123AW 325
CR1616GP 325
CR1620GP 325
CR1632GP 325
CR2016GP 325
CR2025GP 325
CR2032GP 325
CR2330 326
CR2354GP 325
CR2430GP 325
CR2430S 326
CR2450GP 325
CR2450S 326
CR275 39
CR2PDT 220
CR2W 325
CR85 299
CR9VC1 325
CRG6QE/B 286
CRG6UBQ-1M 286
CRG6UBQS 286
CRG6UBT-1M 286
CRG6UBT-305M 286
CRG6UBTS-150M 286
CRG6UBTS-1M 286
CRM51 85
CRXBALUNGND 39
CS01I 291
CS03I 291
CS04I 291
CS04IL 291
CS04IR 291
CS05I 291
CS07I 291
CS08I 291
CS08IL 291
CS08IR 291
CS1067WH 240
CS10IPUL 291
CS154 149
CS154BK 149
CS1782A 315
CS1792 315
CS1794 315
CS20100B-100MT 290
CS20100W-100MT 290
CS22D 315
CS2511 141
CS304 149
CS304BK 149
CS38 177
CS400PRO#10 188
CS40100B-100MT 290
CS40100W-100MT 290
CS50 177
CS530BS 148
CS55100B-100MT 290
CS55100W-100MT 290
CS62US 315
CS64 148
CS64U 315
CS65 177
CS692 315
CS75 177
CS82U 314
CSB175CV 150
CSCRT1000 358
CSCRT10000 358
CSCRT1000LR 358
CSCRT2000 358
CSCRT2000LR 358
CSCRT3000 358
CSCRT3000LR 358
CSCRT6000 358
CSCT1000 358
CSCT1000LR 358
CSCT2000 358
CSCT2000LR 358
CSCT3000 358
CSCT3000LR 358
CSCTBP2/3 359
CSD44 464
CSDF12 463
CSF48P 54
CSG2B 450
CSG2W 450
CSK4K44 93
CSNMC 359
CSPC10G 291
CSPC1G 291
CSPC1Y 291
CSPC2B 291
CSPC2G 291
CSPC2Y 291
CSR6 188
CSTD00 204
CSTD01 204
CSTD01-1 204
CSWD1 291
CSWD2 291
CSWD3 291
CT-DFG2 435
CT-FRGP 435
CT1 220
CT100BK 289
CT100NT 289
CT140BK 289
CT140NT 289
CT1544 121
CT200BK 289
CT200NT 289
CT2IP8032 72
CT300BK 289
CT300NT 289
CT380BK 289
CT380NT 289
CT5A7 446
CT5D7 446
CT6E7 446
CT6E8 446
CT6F8 446
CTA845 399
CTACC1L 437
CTB07 330
CTB10 330
CTB100 330
CTB21 330
CTB32P 432
CTB42 330
CTB44 330
CTB45 330
CTB47 330
CTB48 330
CTB52 330
CTB53 330
CTB59 330
CTB60 330
CTB65 330
CTB66 330
CTB68 330
CTB69 330
CTB72 330
CTB73 330
CTB78 330
CTB79 330
CTB81 330
CTB96 330
CTB97 330
CTB98 330
CTCC350 435
CTDI20L 434
CTK148MPN 470
CTK2 471
CTK45EU 470
CTK70MPN 470
CTKAE2N 470
CTLR300 436
CTM15 174
CTP100BK 289
CTP100NT 289
CTP140BK 289
CTP140NT 289
CTP200BK 289
CTP200NT 289
CTP280BK 289
CTP280NT 289
CTP382BK 289
CTP382NT 289
CTR001SI10 438
CTR001SI150 438
CTR1 437
CU400 154
CV02A-4 103
CVB1001 213
CVDB 155
CVF6100 462
CVF6150 462
CVF638 462
CVF8150 462
CVG18SBC 155
CVIP5100 463
CVNWP 396
CVP1150 462
CVP175 462
CVP2150 462
CVP238 462
CVPZ2100 462
CVT201 320
CW01AP 392
CWM362 52
CWM652 51
CWM663 51
CWM664 51
CWM7.4SINGLE 52
CWMCINEMA7 53
CWPUSB2 346
CX2.00GBK 77
CX2.00IBK 77
CX2.00IWH 77
CXA5100B 30
CXA60B 28
CXA60S 28
CXA80B 28
CXCB 23
CXCS 23
CXNB 25
CZ1000 490
CZ20350 490
CZ4 231
CZ430-128GB 297
CZ430-16GB 297
CZ430-256GB 297
CZ430-32GB 297
CZ430-64GB 297
D-MATRIX-4SEVOKIT 22
D1 454
D10 454
D1031SR 82
D1032E 83
D1035SR 82
D1041SR 82
D1047SR 81
D104PAUSBWE 346
D1054SR 81
D1058SR 82
D105MS4WE 347
D105MS6WE 347
D105PA6 347
D105PA8 347
D105PA8CC 347
D105PBOSSELPA8 348
D105PBOSSPA4 347
D105PBOSSPA6 348
D1061SR 81
D1066SR 82
D107 244
D1095SR 79
D1099SR 82
D11 454
D1106E 83
D1124SR 81
D1127E 83
D1130SR 82
D1131SR 82
D1132SR 82
D1134SR 82
D1136SR 82
D1146SR 82
D1147SR 82
D1153SR 82
D117 244
D1185SR 82
D12 454
D1204SR 82
D1234SR 82
D15 454
D150.2 139
D16XLCD 217
D16XNAV 217
D16XNAVKIT 217
D182 244
D186E 83
D186SR 79
D2 454
D2/2WE 345
D20 219
D205-0.25A10 342
D205-0.4A10 342
D205-0.5A10 342
D205-0.8A10 342
D205-1.6A10 342
D205-10A10 342
D205-15A10 342
D205-1A10 342
D205-2.5A10 342
D205-2A10 342
D205-3.15A10 342
D205-4A10 342
D205-5A10 342
D205-6.3A10 342
D205-8A10 342
D230 244
D250S 332
D263SR2 83
D2800 319
D2PA 347
D2USB121 350
D2WE 345
D300.2 139
D305 216
D325SR 80
D377 326
D387SR 80
D414SR 80
D425E 82
D442SR2 83
D444SR2 83
D44SR 79
D456E 82
D464SR2 83
D475SR2 83
D492SR 80
D5 156
D501SR 79
D506SR 79
D534 244
D543SR 79
D544SR 80
D555SR 80
D556SR 80
D564SR 80
D567SR 79
D570SR 79
D574SR 80
D576SR 80
D585SR 80
D58E 157
D590SR 80
D597SR 80
D5MBL 336
D5MWE 336
D6 454
D603SR 80
D604SR 80
D605SR 80
D631SR 80
D634SR 80
D641/B 243
D641/BPWE 243
D641/PI 243
D641/PIFL 243
D641/PILR 243
D642/L1 244
D651 228
D665E 83
D679SR 80
D686SR 81
D7 156
D7 454
D70 244
D71H 73
D720SR 80
D723 244
D735SR 81
D745SR 81
D770RMWE 336
D780 244
D792 244
D809/1DP 341
D809/1TWINDP 341
D817/2DP 341
D824 244
D837SR2 83
D848ED 83
D849EJ 83
D859E 83
D862SR 81
D873SR 81
D883MWE 337
D88SR2 83
D894E 83
D8XCEL 207
D8XDNAV 217
D8XLCD 217
D8XSATW 217
D902 244
D904SR 81
D90WE 335
D930SR 81
D932SR 81
D955SR 81
D956SR 81
D957SR 81
D960E 83
D963SR 81
D967SR 81
D970SR 81
D975SR 81
D976SR 81
D983E 82
DA10B6 331
DA13B6 331
DA14 347
DA1AS 226
DA1DS 226
DA1MD 226
DA300USB 78
DA4DS 226
DA675B6 331
DAB17C 38
DABBOXY 36
DAC12AU 96
DAC212 95
DACBOXDS 78
DACMAGICXS 78
DAD51 95
DAP2660 312
DAP2695 312
DAS202 486
DAT103 487
DAWP 226
DB1800 195
DB1MD 227
DB1SD 227
DB299 243
DB4SB 48
DB4SW 48
DB791 247
DBPC946B 224
DBRM 175
DBS1A 226
DBT3313UDBK 23
DC1203812DRM 430
DC1203824DRM 430
DC1581 219
DC201005 430
DC201005DRM 430
DC401005DRM 430
DC401012DRM 430
DC402012DRM 430
DC500 224
DC601512DRM 430
DC602512DRM 430
DC602524 430
DC802512DRM 430
DC802524DRM 430
DC922512DRM 430
DC922524DRM 430
DCDM30B 210
DCDM30W 210
DCF500SET 179
DCIN11B 210
DCIN11W 210
DCM250 121
DCMUA-BK 121
DCP1V4S 395
DCP4S 395
DCP4V4S 395
DCR89+ 38
DCT3-BLK 391
DCT3-BLU 391
DCT3-GRN 391
DCT3-RED 391
DCT3-WHI 391
DCT3-YEL 391
DCVR20-2 290
DCVR20-3 290
DCVR30-2 290
DD107 363
DDR36 38
DDR47BT 38
DDR66BT 38
DE01ERK 212
DE02 236
DEA7WL2 224
DECOM5 304
DECOM5-3PK 304
DECT2145+1 199
DECT3216 199
DECT3236+2 199
DEHS4150BT 40
DES700 224
DEUR 227
DF15 245
DF23 245
DF30 245
DF4 131
DF40 245

INDEX PRODUCTS BY MODEL

DFO-1000P 261
DFO-100P 261
DFO-160P 261
DFO-40P 261
DFO-500P 261
DFO-60P 261
DFO-80P 261
DHF72C 231
DHF72SM 231
DHG1500 457
DHTS514 50
DIG11AU 96
DIRECTCONNECTOR 288
DIRS8112A 413
DIY2408BB 336
DIY2408BG 336
DIY2408BW 336
DJ8M 63
DJQUAKE2.1 145
DJUPRO 43
DL103 84
DL2016 325
DL4 166
DM1000 489
DM1440 478
DM30AHDB 207
DM30AHDW 207
DM30IPB2 208
DM30IPW2 208
DM30IPW4M 209
DM30IPW8M 210
DM58II 155
DM600B 154
DM720 35
DM8100 478
DMF20IPW 210
DMM15AHDW 207
DMM15IPW 207
DMP230 41
DMP30IPW3 208
DMP40 160
DMP7 34
DMPBD84 22
DMPBDT280 22
DMRBWT955GL 23
DMRHWT260GN 22
DMRPWT560 23
DMRUBT1GLK 11
DMW15AHDW2 207
DMW15IPW 207
DMW300 41
DMZ150IPW 208
DMZ50IPW 208
DNP730BK 25
DOR100 236
DOR110 236
DOR130 236
DOR190A 236
DOS12 141
DOUGLAS18 247
DP200USB 43
DP29F 43
DP300FB 43
DPA616 139
DPD2001 72
DPM3232 341
DPOUV 174
DPOWER2 138
DPR16CW 36
DPR26BT 36
DPR35B 35
DPR35R 35
DPR35W 35
DPR39 35
DPR45 36
DPR65BLK 36
DPR65W 36
DPR67WB 36
DPR67WR 36
DPUB320 11
DPUB420 11
DRI24 223
DS017LS 449
DS1003BLK 62
DS1003BLU 62
DS103 446
DS112 446
DS113 446
DS114 446
DS1488N 416
DS1489N 416
DS1681BLK 62
DS1681BLU 62
DS1681RED 62
DS1681WHT 62
DS1685BLK 62
DS1771BLK 62
DS1771GRN 62
DS1771WHT 62
DS1771YEL 62
DS18 131
DS19 131
DS20 131
DS21 131
DS22 131
DS23 131
DS2500 34
DS5 158
DS7FX 54
DS7MP 54
DS7PR 54
DS7SI 54
DS8FX 54
DS8HD 54
DS8PR 54
DSB100B 33
DSB100W 33
DSB200BL 33
DSB200WH 33
DSB38F 170
DSC72 231
DSD4121UPGRADE 21
DSD4921RV 21
DSL002/2+ 204
DSL004/2+ 203
DSL008/2+ 203
DSL018/2+ 204
DSL019/2+ 204
DSL101/2+ 204
DSPC72 230
DSPR6-10 290
DSTD 174
DSV1000 357
DSV2000 357
DSV600 357
DSV800 357
DSX80 450
DT120BK 35
DT120WH 35
DT250 35
DT712 221
DT724 221
DT830D 478
DTC2 242
DTD3190 31
DVBS2800CA 21
DVBS2980CA 21
DVDP7D 24
DVDPT10C 24
DVDPT7C 24
DW10 204
DW20AUS 204
DW21 299
DW32 170
DW42 170
DW5066W 366
DWCL6 288
DWS40 336
DX136FW 192
DX140CD 193
DX160CD 193
DXR15 145
DXS18 145
DY6-612 166
DYNABOX 62
DYNAPAD 63
DYNIL 63
DYSD18489 469
E15MT 76
E1DSET 456
E30 56
E3682 256
E3HA 78
E4003B/IVY 203
E4005B/IVY 203
E4010B/IVY 203
EAP110 310
EAP115W 310
EAP225 294
EAP245 311
EB2055 15
EB2250U 15
EB2265U 15
EB520 15
EB525W 15
EB535W 15
EBG5504S 408
EBG7000WNL 15
EBG7200WNL 15
EBG7400UNL 15
EBG7500UNL 15
EBG7905UNL 15
EBL1100UNL 16
EBR5504S 408
EBU42 14
EBW42 14
EC02 205
EC1.25-50 425
EC1201A 444
EC2-50 425
EC36-40 249
ECC 128
ECCP 128
ECO1272 399
ECOSWITCH 277
ECS230 435
ECS5L 435
ECS6.5 55
ECS6DUAL 55
ECS8.0 55
ECS8DUAL 55
ECSSS82 55
EFF8330B 123
EFF8340B 123
EFW8105 111
EFW8206 111
EFW8305 111
EHLS100 16
EHTW5600 14
EHTW6700 14
EHTW8300 14
EHTW9300 14
EHTW9300W 14
EL12S 237
EL34 418
EL59Q-0.3PP 279
EL59Q-1.5PP 279
EL59Q-10PP 279
EL59Q-1PP 279
EL59Q-2PP 279
EL59Q-3PP 279
EL59Q-5PP 279
EL971 236
ELANE3 37
ELECTRIC100H 18
ELECTRIC106X 18
ELECTRIC125H 18
ELECTRIC128X 18
ELECTRIC150H 18
ELECTRIC90X 18
ELHD005 263
ELHD010 263
ELHD020 263
ELHD030 263
ELHDS005 263
ELHH005 259
ELHH010 259
ELHH015 259
ELHH020 259
ELHH030 259
ELHH050 259
ELHH075 259
ELHH100 259
ELHHS005 259
ELHHS020 259
ELHHS030 259
ELP-SP02 44
ELPAF08 20
ELPAP07 20
ELPDC21 19
ELPFP13 20
ELPLM08 20
ELPLP49 20
ELPLP50 20
ELPLP54 20
ELPLP57 20
ELPLP64 20
ELPLP67 20
ELPLP88 20
ELPLU03 20
ELPMB22 125
ELPMB23 20
ELPMB30 125
ELPPN02 20
ELPSC21B 16
ELW6600 126
EM10 158
EMA14C24 66
EMB1 175
EMB280Z 175
EMC5000 24
ENC25031 298
ENR120 217
ENWALL 63
EP17 76
EP613 350
EPA104 138
EPA152 138
EPA252 138
EPA254 138
EPA502 138
EPC6545 124
EPHD222 77
EPHD400 77
EPHD414 77
EPHD424 77
EPHD440/442/435 77
EPOXY24 433
EPOXYSS 433
EPPC130 77
EPPC350 77
EPPMX60 77
EPRS170 77
EQ10-8 100
EQ12-8 100
EQ5-S8 100
EQ6-8 40
EQ8-8 100
EQH-326 107
ER-8 304
ER-X 304
ER100WH2 18
ER106WH2 18
ER110WH2 18
ER120WH2 18
ER1215 145
ER1215S 145
ER135WH2 18
ER14250 325
ER14250PCB 325
ER2215 145
ER2230W 145
ER3215 145
ER520 145
ER520S 145
ER55S 145
ER66S 146
ERLT-3 304
ERM4015B/WHT 203
ES-16-150W 307
ES-8-150W 307
ES1 187
ES1008P 307
ES1008PHEV2 308
ES1008PL 307
ES2000-1 235
ES5104PH 307
ES5208P 307
ES5224P 307
ES5500G 305
ES5800G 305
ES9000 235
ESALR50 358
ESALR75 358
ESART10 358
ESART20 358
ESART30 358
ESAT10 358
ESAT15 358
ESAT20 358
ESBB1000 408
ESBC7000 408
ESBH1000 408
ESBP3RU 359
ESSNMP 359
ET669 457
ET688 457
ETA 444
ETB 444
ETC 444
ETD 444
ETH 444
ETK 444
ETM770 488
ETO 444
ETP 444
ETS 444
ETT 444
EU224 172
EU275M 172
EU275P 173
EU276A 172
EU283P 173
EU287 172
EV100 11
EV105 11
EV200M 137
EV20RP 138
EVOHD0120R 258
EVOHD0180R 258
EVOKEH3 37
EVOKEH4 37
EVOKEH6 37
EVSHD0180R 258
EVSHD0500R 258
EVSHD0120R 258
EW7611ULB 314
EW7811DAC 313
EW7811UAC 314
EW7822UTC 313
EWS530C 55
EWS600 55
EWS800 55
EWSLA63 56
EXL10M 277
EXL10MB 277
EXL15M 277
EXL15MB 277
EXL20M 277
EXL20MB 277
EXL2M 277
EXL2MB 277
EXL3M 277
EXL3MB 277
EXL5M 277
EXL5MB 277
EXL7M 277
EXL7MB 277
EXLUSA1.8 278
EXLUSA5 278
EXN 253
EXTDIGAUD141 102
EY7410LA2S 456
EZ45C5SR-100 389
EZADP01 129
EZDLLP 390
EZDTK 390
EZSJC5-BLU 389
EZSJC5-WH 389
EZSJC6-WH 389
EZX70 205
EZYG150 437
F1000BT 149
F1000WT 149
F1000WTWP 149
F107DB2 110
F11CB2 111
F180CB2 110
F1844B 123
F2000BT 149
F2352C 147
F2352SC 147
F35CB2 110
F55CB2 111
F58C2B2 110
F700 42
FAE50 171
FAE60 171
FASC72U 188
FB1.25-2-100 425
FB2-2.5-100 425
FB602414 175
FB602448 175
FB602498 176
FB603836 176
FB607042A 179
FB607059 179
FB607137C 179
FB902102 177
FBC1.25-25 425
FBC2DGK-15 425
FBPA50 171
FBPB50 171
FBPC50 171
FBPD50 171
FBPE50 171
FBQ1502 143
FBR211CD012 412
FBR211CD024 412
FBR46ND24 412
FC156 174
FC164 174
FC172 174
FC180 174
FD02 172
FD03 172
FD04 172
FD05 172
FD06 172
FD08 172
FD128GBSD 297
FD128GBU3 297
FD128GBU3SD 297
FD16GB 296
FD16GBSD 297
FD16GBU3 297
FD16GBU3SD 297
FD256GBU3 297
FD256GBU3SD 297
FD32GB 296
FD32GBSD 297
FD32GBU3 297
FD32GBU3SD 297
FD64GB 296
FD64GBSD 297
FD64GBU3 297
FD64GBU3SD 297
FD8GB 296
FD8GBSD 297
FD8GBU3 297
FDC128GB 297
FDC16GB 297
FDC32GB 297
FDC64GB 297
FEB0611042 344
FES10 236
FES10M 236
FES4 305
FES4POE 306
FF10 48
FF12 48
FF200020 178
FF6.5 48
FG100 448
FGFILTER120 430
FH052S 344
FHA5-20 344
FHA7-20 344
FHC 320
FHCL 320
FIB100M 272
FIB100MLC 272
FIB1000D 272
FIB1000DLC 272
FIB100SF 272
FIB150M 272
FIB150MLC 272
FIB200M 272
FIB250M 272
FIB300M 272
FIQC1.25-4.8-50 425
FIQC1.25-6.4D-50 425
FIQC1.25-6.4K-15 425
FIQC2-4.8-50 425
FIQC2-6.4DG-50 425
FIQC2-6.4K-15 425
FKS2.001-100 406
FKS2.0015-100 406
FKS2.0022-100 406
FKS2.0033-100 406
FKS2.0068-100 406
FL59Q-0.3FF 278
FL59Q-0.5CFF 279
FL59Q-0.5PF 279
FL59Q-0.5PP 278
FL59Q-0.5PPW 278
FL59Q-1.5PF 279
FL59Q-1.5PP 278
FL59Q-10PP 278
FL59Q-1CFF 279
FL59Q-1PF 279
FL59Q-1PP 278
FL59Q-1PPW 278
FL59Q-2CFF 279
FL59Q-2PF 279
FL59Q-2PP 278
FL59Q-2PPW 278
FL59Q-3PP 278
FL59Q-3PPW 278
FL59Q-5PP 278
FL694LP 171
FL6Q-1.5PF 279
FL6Q-1.5PP 278
FL6Q-1.5PPW 278
FL6Q-10CFF 279
FL6Q-15CFF 279
FL6Q-3CFF 279
FL6Q-3PF 279
FL6Q-5CFF 279
FLEXIPP 86
FLEXPDU 359
FM1844 123
FM188AB 89
FM817-16 212
FMC100MM2KSC 305
FMC100SM20KSC 305
FMC1GBMM550MSC 305
FMC1GBSFP 306
FMC1GBSM20KSC 305
FMF11A 484
FMF440M 484
FMHT0-62690 463
FMHT0-70767 240
FND500 409
FOX&HOUND 488
FP1100BLK 200
FP1200 200
FP7600 272
FP7602 272
FP7604 273
FP7606 273
FP7608 273
FP7618 273
FP7620 273
FP7622 273
FP7624 273
FP7640 273
FP7642 273
FP7660 273
FP7671 273
FP7672 273
FP7673 273
FP7675 273
FP7750 273
FP7751 273
FP7753 273
FP7755 273
FP7757 273
FP7759 273
FP7770 273
FPA400B1 128
FPA405B2 128
FR28SMP 469
FRAGILE 452
FS03B 473
FS04B 473
FS1.25-3-100 425
FS1.25-3K-15 425
FS1.25-4-100 425
FS1.25-4K-15 425
FS2 249
FS2-3K-15 425
FS2-4-100 425
FS2-4K-15 425
FS288B 473
FS559B 474
FSMP 493
FSP2F 173
FSP3F 173
FSP4F 173
FSP6F 173
FSP8F 173
FSU 249
FSU1.25-3-100 425
FSU1.25-4-100 425
FSU2-3-100 425
FSU2-4-100 425
FTN08042 461
FTPC6ABL-1M 282
FTPC6ABL-305M 282
FTRH1CA012V 412
FTRH1CA024V 412
FTTH 403
FUSEBOX001 343
FWM1Z 175
G125 253
G2BL 32
G2BLU 32
G2CH 32
G2RE 32
G5V224V 413
GAMECOM780 300
GB9 177
GC200 26
GC4048 380
GCAP.001-100 407
GCAP.001-630 407
GCAP.0047-100 407
GCAP.01-100 407
GCAP.01-630 407
GCAP.022-100 407
GCAP.022-630 407
GCAP.033-100 407
GCAP.039-100 407
GCAP.047-100 407
GCAP.047-630 407
GCAP.068-100 407
GCAP.082-100 407
GCAP.1-100 407
GCAP.1-630 407
GCAP.12-100 407
GCAP.15-100 407
GCAP.22-100 407
GCAP.33-630 407
GCAP.47-250 407
GCAP1-250 407
GCAP2.2-250 407
GCAP3.3-250 407
GCG1 177
GCP210 484
GD800 357
GDCSW 321
GE4100 31
GE4102 35
GEL40G 433
GF10KP 232
GF1P 232
GF2B 232
GF2F 232
GF2P 232
GF3B 232
GF3F 232
GF3P 232
GF4P 232
GFAP 232
GFBP 232
GFS1 177
GFX11 312
GFX11E 312
GH1021 244
GH1290 252
GH1366 243
GH1373 243
GH1379 243
GH1384 243
GIGTEST 493
GJXH1M 272
GJYXCH1M 272
GK300M 236
GK310 236
GK350 226
GL10 402
GLAM1650 253
GLH05EBL 247
GLH05EPK 247
GLH05ESV 247
GLH826 252
GLI02 213
GLLED005 249
GLU165 457
GLU425 457
GLXD24SM58 154
GM18 174
GM24 174
GM30 174
GNS36 157
GOBLU 32
GORADIOB 33
GORADIOW 33
GORE 32
GP101ET 307
GP101IT 308
GP101ST 308
GP130SCRT 328
GP180AAHT 328
GP200SCHT 328
GP200SCT 328
GP205 413
GP212 413
GP224 413
GP25AAH 326
GP2AAARECY 327
GP2AARECY 327
GP300SCHT 328
GP32 177
GP350C 327
GP38 177
GP380AFHT 328
GP42 177
GP450DT 328
GP4AAARECY 327
GP4AARECY 327
GP51 177
GP62B1 326
GP64B1 326
GP65NB60 317
GP70AAKT 328
GP77B1 326
GP86B1 326
GP89B1 326
GP910A-C2 324
GP92B1 326
GP95B1 326
GP96B1 326
GP9V1 327
GPAA/AAA4 327
GPAA4 327
GPAAA4 327
GPC2 327
GPCS/3R 261
GPD2 327
GPR+PROU411 326
GPRF3B 249
GPRF4B 249
GR66SQ 106
GR68SQ 106
GRCF120H 18
GREWS6 106
GREWS8 106
GRFF095H 16
GRFF100H 16
GRFF105H 16
GRFF110H 16
GRFF115H 16
GRFF120H 16
GRFF140H 16
GRFF150H 16
GRIP084V 16
GRIP092H 16
GRIP094C 16
GRIP100V 16
GRIP102H 16
GRIP103C 16
GRIP110C 16
GRIP112H 16
GRIP120H 16
GRIP120V 16
GRIP130H 16
GRIP140H 16
GRIP150C 18
GRIP150H 16
GRIP160H 16
GRIP200H 16
GRIPB100B 484
GRIPB100R 484
GRIPB200B 484
GRIPB200R 484
GRL-6 106
GRL-8 106
GRLS112DF 412
GRPC084V 16
GRPC100V 16
GRPC120V 16
GRPD082H 16
GRPD092H 16
GRPD102H 16
GRPG103C 16
GRPG120C 16
GRT1520 16
GRT1720 16
GRUA080V 16
GS007B 473
GS007R 473
GS012B 473
GS012R 473
GS016B 473
GS016R 473
GS020B 473
GS020R 473
GS021B 473
GS022 473
GS023 473
GS026 473
GS028 473
GS1008PL 308
GS1008PV2 308
GS1016 305
GS11 457
GS2K 442
GS302 136
GS324 304
GS5208PLG 294
GS5416PLC 294
GS5424PLC 294
GSD-810BK 464
GSGLSW 321
GSP3K 442
GSSH205D 413
GSSH212D 413
GSSP20 473
GT102HB 232
GT103H 232
GT103HB 232
GT104H 232
GT104HB 232
GT10K 232
GT1A 232
GT1C7 233
GT1D 233
GT1M3 233
GT1Z 234
GT202HB 232
GT2C 233
GT2H 233

GT4204 63
GT4207 63
GT4B 232
GT4F 232
GT4Z 233
GTAC 232
GTAD 232
GTBC 233
GTBCXNN 233
GTD 228
GTDB 234
GTDBP 234
GTDBVN 234
GTDMBN 233
GTHSA 233
GTMCX 233
GTNSB 234
GTNSPL 234
GTSW 232
GTVB 233
GTVBC 233
GTVDD2AA 94
GTVP 233
GTWLC 207
GW16 177
GW2270H 314
GWC1 177
GWDB001 84
GWG2KIT 84
GWRCR 84
GWRCSB 84
GWRCW 84
GWSC1K 84
GXH6319BK 246
H0201 404
H0202 404
H0203 404
H0205 404
H1268-25 402
H1322-25 402
H1325-25 402
H1328-25 402
H1360-25 402
H1392-25 402
H1395-8 402
H1408-25 402
H1411-25 402
H1424-50 402
H143 407
H1436-50 402
H144 407
H1447-50 402
H145 407
H2 147
H203D 37
H2097 409
H2098 409
H2790 407
H2SPC5L 72
H4214A 288
H4222 288
H4SPC5L 72
H5142 161
H5155 161
H5395 162
H6 483
H8040 126
H8042 126
H8055 126
H8SPC5L 72
HA01 97
HA02 105
HA100 69
HA1010AS 150
HAP1SET 450
HAR350 85
HAR650 85
HARELITE 85
HB6172 339
HB6173 345
HB6404 473
HB8502 334
HBC100 78
HBD16DVRV3 216
HBD4DVRV3 216
HBD8DVRV3 216
HBY5066X 408
HC01 95
HC11-0 408
HC12-2 408
HC15-3 408
HC2-4 408
HC26-6 408
HC4-4 408
HC502 407
HC503B 407
HC503R 407
HC505B 407
HC505G 407
HC505R 407
HC508B 407
HC508R 407
HC514B 407
HC514R 407
HC98 245
HCR518 318
HCS3102G 351
HCS3104 351
HCS3300-USB 351
HCS3302-USB 351
HCS3400-USB 351
HCS3600-USB 351
HD-1.5 261
HD-12 261
HD-20 261
HD-3 261
HD008 24
HD02ECO 95
HD11AU 97
HD12 456
HD150 436
HD1603 98
HD1605 98
HD1608 98
HD180MCP 300
HD2.10 75
HD2.30G 75
HD2.30IB 75
HD2.30IW 75
HD200 436
HD2002DM 98
HD35TV 75
HD390 436
HD4.20S 75
HD4.30IB 75
HD4.30IW 75
HD4.40BT 74
HD4.50BTNC 74
HD4002DM 98
HD410MV 91
HD440 436
HD4797 98
HD65TV 75
HD6R 54
HD710BK 298
HD710YL 298
HD8002DM 98
HD8R 54
HDC6ECO 104
HDC6L 104
HDC6WP 392
HDCP2214V2 96
HDEZILOCK 291
HDIP404DHP 72
HDIP800 72
HDIP8000 71
HDIPPS10 98
HDLCRRP 54
HDMI16SPEDID 72
HDMI18G-30 260
HDMI1FLEX 393
HDMI1H 393
HDMI1M 260
HDMI2FLEX 393
HDMI2M 260
HDMI2SDI 95
HDMI2SP 72
HDMI2SPV2 72
HDMI3M 260
HDMI3S4K 90
HDMI3SM 91
HDMI4SP 72
HDMI4SPV2 72
HDMI5M 260
HDMI5SM 91
HDMI8SPEDID 72
HDMI8SPV2 72
HDMIAW 105
HDMIAWRX 105
HDMIFIB18G 105
HDMIIPECOV2 104
HDMIIPECOV2RX 104
HDMIIPPRO 104
HDMIIPPRORX 104
HDMIKVMV2 104
HDMIMX42V2 91
HDMIMX4422 93
HDMIMX88V2 93
HDMIP0.5 260
HDMIP1 260
HDMIP10 260
HDMIP15 260
HDMIP2 260
HDMIP3 260
HDMIP5 260
HDMIP7 260
HDMISS03 259
HDMISS05 259
HDMISS07 259
HDMISS1 259
HDMIUC5 104
HDPJTMA 124
HDRANGERECO 487
HDSS005 261
HDSS10 261
HDSS20 261
HDT1800 245
HDTB410AK3AA 297
HDTB420AK3AA 297
HDVC01 97
HDVC100 103
HDX2 99
HE01 71
HE60-24V 446
HEB100 143
HEEXT 309
HEOS1B 70
HEOS1W 70
HEOS3B 65
HEOS3W 65
HEOS7B 70
HEOS7W 70
HEOSAMP 28
HEOSAVR 28
HEOSBAR 50
HEOSDRIVE-HS1 28
HEOSHOMECINEMA 50
HEOSLINK 28
HEOSSUBWOOFER 47
HER20DIPML 124
HER20DIPMM 124
HER20FLIPML 124
HER20FLIPMS 124
HEV24V 442
HEX100ARC-KIT-V2 105
HEX100ARC-RX 105
HEX100ARC-TX-V2 104
HEX100HDVGA-KIT 104
HEX70B-KIT 105
HEX70B-RX 105
HEX70BTX 105
HEX70CS-KIT 65
HEX70EDRX 105
HF2 453
HF25B-25MT 290
HF25W-25MT 290
HH3 19
HH4 19
HH5 19
HHS242 22
HHT651 21
HIB 439
HIB08A 444
HIWATCHB 321
HIWATCHD 321
HL18G0.5M 261
HL18G1M 261
HL18G2M 261
HL18G3M 261
HL18G5M 261
HL18G7.5M 261
HL18GA10M 261
HL18GA15M 261
HL18GF100M 261
HL18GF150M 261
HL18GF200M 261
HL18GF20M 261
HL18GF30M 261
HL18GF50M 261
HL18GF70M 261
HL3WS 252
HLA8073 266
HLA8076 266
HLA8080 266
HLDS0.5W 261
HLDS2W 261
HLDS3W 261
HLF6 246
HLLC200 136
HLV0969 262
HLV0970 262
HLV0973 262
HLV0975 262
HLV0976 262
HLV0979 262
HLV0980 262
HLV0981 263
HLV0983 263
HLV0986 263
HLV0987 263
HLV0989 263
HLV0991 263
HLV0993 263
HLV1130 259
HLV1140 259
HLV1145 259
HLV1150 259
HLV1165 259
HLVF0.5 260
HLVF1 260
HLVF2 260
HLVF3 260
HLVF5 260
HLVR10 260
HLVR15 260
HLVR20 260
HLVR30 260
HLVR40 260
HM131 186
HM148 186
HM152 186
HM152T 186
HM153LA 186
HM158LA 186
HM159LA 186
HM165 186
HM168LWP 186
HM5B 60
HMXL44KIT 91
HMXL44KIT-V2 93
HMXL88 93
HMXL88V2 93
HNKE6 453
HNS070UC 400
HNS410TM 221
HNV20U 170
HNV30UPE 170
HP1253 288
HP1254 288
HP17 74
HP2000 291
HP2002 291
HP2004 291
HP2006 291
HPI110 144
HPI12S 144
HPI5 144
HPI8I 144
HR04 105
HRS8B 49
HS-S-VMX OFFICE 205
HS-WHT-1/2 469
HS-WHT-1/4 469
HS-WHT-3/4 469
HS-WHT-3/8 469
HS-YEL-1/2 469
HS-YEL-1/4 469
HS-YEL-3/4 469
HS-YEL-3/8 469
HS004 186
HS009 186
HS01 83
HS010 186
HS015 186
HS1.5BLK 292
HS1.5BLU 292
HS1.5CLR 292
HS1.5GRN 292
HS1.5RED 292
HS1.5WHT 292
HS1.5YEL 292
HS100 345
HS10AP 292
HS10BLK 292
HS10BLU 292
HS10CLR 292
HS10GRN 292
HS10RED 292
HS10WHT 292
HS10YEL 292
HS110 345
HS13AP 292
HS13BLK 292
HS13BLU 292
HS13CLR 292
HS13GRN 292
HS13RED 292
HS13WHT 292
HS13YEL 292
HS2.5BLK 292
HS2.5BLU 292
HS2.5CLR 292
HS2.5GRN 292
HS2.5RED 292
HS2.5WHT 292
HS2.5YEL 292
HS20BLK 292
HS20BLU 292
HS20CLR 292
HS20GRN 292
HS20RED 292
HS20WHT 292
HS20YEL 292
HS25BLK 292
HS25BLU 292
HS25CLR 292
HS25GRN 292
HS25RED 292
HS25WHT 292
HS25YEL 292
HS3.5BLK 292
HS3.5BLU 292
HS3.5CLR 292
HS3.5GRN 292
HS3.5RED 292
HS3.5WHT 292
HS3.5YEL 292
HS38BLK 292
HS38BLU 292
HS38CLR 292
HS38GRN 292
HS38RED 292
HS38WHT 292
HS38YEL 292
HS414 153
HS5.0BLK 292
HS5.0BLU 292
HS5.0CLR 292
HS5.0GRN 292
HS5.0RED 292
HS5.0WHT 292
HS5.0YEL 292
HS50BLK 292
HS50BLU 292
HS50CLR 292
HS50GRN 292
HS50RED 292
HS50WHT 292
HS50YEL 292
HS5AP 292
HS6AP 292
HS7.0BLK 292
HS7.0BLU 292
HS7.0CLR 292
HS7.0GRN 292
HS7.0RED 292
HS7.0WHT 292
HS7.0YEL 292
HS85 186
HS910 205
HS94 186
HS95 186
HS97 186
HS994 76
HSC110SS 221
HSP14AB-V2 72
HSP160 292
HST20 292
HT-5535MC4 454
HT101 457
HT105 460
HT106D 453
HT106E 453
HT106F 453
HT106H 453
HT14TK 458
HT150 253
HT2008AR 454
HT204 462
HT210C 454
HT218 457
HT224D 458
HT2306F 458
HT233 453
HT236H 454
HT2568A 470
HT318 458
HT323 465
HT350 465
HT351 465
HT363 465
HT364BR 458
HT3W 251
HT5021S 455
HT507 455
HT602B2 469
HTC206E 455
HTH518F201 455
HTH518G 455
HTH548G201 455
HTM62S2-BA 46
HTM62S2-W 46
HTM71S2B 46
HTM71S2W 46
HTM72S2B 46
HTM72S2R 46
HTN5684R 454
HTR4072 12
HUB33A 318
HUB33E 318
HUB3C4 319
HUB4 318
HUB716 318
HUF6 246
HUM KLEANER 143
HV02A 263
HV2M 263
HVF10UB 245
HVF10UW 245
HVF40B 245
HVF40C 245
HVS580 89
HVY02 96
HW13M4 177
HWAL40P 245
HWAL40R 245
HWM1150 128
I-MCASKB 133
I1 238
I2 238
IA313 167
IAP1200 312
IC102 57
IC206 58
IC206LCRFG 58
IC208 58
IC408FG 58
IC408LCR 58
IC410PRO 182
IC41PRO 183
IC41PRO-ORANGE 183
IC41PRO-RED 181
IC450 182
IC5160GC 209
IC5170SC 209
IC606FG 58
IC608 58
IC608LCR 58
IC610LCRFG 58
IC6220DC 209
IC6230DC 209
IC9110W 209
ICA15 184
ICAB21-1S 267
ICAB2G 267
ICAB2S 267
ICDR-D1 295
ICL7106CPL 419
ICL7107CPL 419
ICM73EURO 183
ICM88 184
ICR6 189
ID110 161
IE1ADU 227
IE1GDU 227
IE1GDU BRACKET 237
IE2A2D 227
IE2ADU 227
IEC-C20 335
IECHTC15 335
IEH1C2D 227
IEH1CD 227
IEJA 226
IER2 227
IESSA 226
IFDA 228
IFH3AG 344
IFHM205 344
IGOCAM30 26
IGOCAM50R 26
IGOCAM80 26
IHUB 319
ILC66B/IVY 202
ILC88B/IVY 202
ILQ1 419
ILS1.25-50 425
ILS1.25K-20 425
ILS2-50 425
ILS2K-20 425
IMA200 136
IMA202 136
IMM2320 158
IN30AHDB2 207
IN30AHDW2 207
IN30IPB2 208
IN30IPW2 208
IN50IPB4M 210
IN50IPW8M 210
INP50IPB 208
INP50IPW 208
INVTPS0612 362
IOSTC567 298
IOU234248 271
IOUSB428502 271
IP100UHDRX 104
IP100UHDTX 104
IP2CC 86
IP2IR 86
IP2SL 86
IP8INK 215
IP8INKSC 210
IPA200 138
IPCV-241-6M 265
IPLC1GD 267
IPLC1GRAY 267
IPLC1SLV 267
IPMX1 150
IPMX1W 150
IPOC1KPT 214
IPOC1KR 214
IPOC200 214
IPSTANDP 133
IQ1500 48
IQ8S 55
IR17 212
IR200BC 157
IR2RF6E 88
IR77H 494
IR800CVS 141
IRC-FNV 253
IRC135 86
IRCAB 86
IRE-30601 86
IRE110 86
IRE12 88
IRE120 86
IRE12SPT 88
IRE2 86
IRE5 408
IRR450 86
IRR5 408
IRR600 86
ISC142/152 284
ISC162/1M 284
ISC164/1M 284
ISHUFFLE2USB 267
ISMARTBT 134
ISMARTBTKIT 134
ISMARTBTWH 134
ISMARTBTWHKIT 134
ISMINITRIPOD 133
ISO1000ES-240V 361
ISO2000ES-240V 361
ISO20L 434
ISO250 434
ISO300 434
ISO300ES-240V 361
ISO5L 434
ISO600ES-240V 361
ISO705L 434
ISO750 434
ISW3 52
IT102NT 289
IT194NT 289
ITS234AK 131
IW-SUB10 55
IW425LCRFG 58
IW606FG 58
IW608FG 58
IW626LCR 58
IWB-1 402
IXBA 234
IXDA 234
IXDF 235
IXDF2RA 235
IXDFP 235
IXDFPI 235
IXMV 235
IXPA 235
IXSS 234
J11 211
J38 211
J38BW 211
J38W 211
J57 211
JA06 339
JACKANTENNA 167
JBWBA 229
JF2HD 230
JF2MED 230
JF2SD 230
JFD 230
JFDA 229
JFDV 229
JFDVF 229
JFS2AED 230
JFS2AEDF 230
JFS2AEDV 230
JK1HD 230
JK1SD 230
JKACSSFP 230
JKDV 230
JKDVF 230
JKDVFAC 230
JKS1AED 230
JKS1AEDF 230
JKS1AEDV 230
JKWBA 230
JKWIP 230
JO1FD 229
JODA 229
JODV 229
JOS1A 229
JOS1F 229
JOS1V 229
JP4HD 231
JP4MED 231
JP8Z 231
JPDA 231
JPDV 231
JPDVF 231
JPDVFL 231
JPEC 231
JPS4AED 231
JPS4AEDF 231
JPS4AEDV 231
JPTLIIPA 238
JPWBA 231
JUICEDUP 143
JXDVF 229
JXDVFAC 229
K-6009 221
K-6311 217
K0901 470
K10-2MT 275
K10-2MTW 275
K10-5MT 275
K10-5MTW 275
K10YIEC2 275
K15IEC 275
K19-1MB15A 276
K19-2MB10A 276
K19-2MB15A 276
K19-3MB15A 276
K19-5MB15A 276
K20-2MB 276
K20-5MB 276
K26 453
K3509 204
K36136-1000-CH 258
K36212-1000-CH 258
K400PLUS 316
K9-0.5MB 275
K9-0.5MLK 275
K9-0.5MTR 275
K9-1.8MTEU 276
K9-1.8MTUS 276
K9-1MB 275
K9-1MLK 275
K9-1MW 275
K9-2MB 275
K9-2MLK 275
K9-2MTMED 275
K9-2MTR 275
K9-2MW 275
K9-3MB 275
K9-3MLK 275
K9-3MW 275
K9-5MB 275
K9-5MLK 275
K9-5MW 275
K9-RA1.8MTUS 276
K9-RA2MR 275
K9-RA2MT 275
K9-RA2MTW 275
K9-RA3MT 275
K9-RA5MT 275
K9HT-1MB 275
K9HT-2MB 275
K9YIEC2 275
KAEU 339
KAEUDA 339
KAIN 339
KASET 340
KASI 339
KAT16F 174
KAT32F 174
KAT8F 174
KAUK 339
KAUKDA 339
KAUS 340
KAUS-REF 340
KAUSDA 340
KAWD 230
KB02 170
KB505U 317
KBGPRO 428
KBNOTE14 133
KBPC25-04 418
KBPC35-04 418
KBPC35-10 418
KBWIRE200G 285
KBWIRE200Y 285
KBWIREGRN-1M 285
KBWIREYEL-1M 285
KC172 84
KC4100 176
KCC/KLAKIT 169
KCC110 170
KEW2000 485
KEW2001 485
KEW2012R 485
KEWMATELEAD 481
KG724 256
KG748 256
KITQR3X 144
KKJ51MCC4TA 333
KKJ55MCC4TA 333
KLA110 169
KLE02 171
KLEPS30B 407
KLEPS30R 407
KLK10 484
KLK12 484
KLK15 484
KLK20 484
KMSF1 170
KN60A 446
KNP02-.1 414
KNP02-.22 414
KNP02-.27 414
KNP02-.39 414
KNP02-.68 414
KNP02-.82 414
KNP02-1.8 414
KNP02-10 414
KNP02-100 414
KNP02-120 414
KNP02-15 414
KNP02-150 414
KNP02-1K 414
KNP02-1K2 414
KNP02-1K5 414
KNP02-1K8 414
KNP02-2.2 414
KNP02-22 414
KNP02-220 414
KNP02-27 414
KNP02-270 414
KNP02-2K2 414
KNP02-2K7 414
KNP02-330 414
KNP02-39 414
KNP02-390 414
KNP02-3K9 414
KNP02-470 414
KNP02-4K7 414
KNP02-56 414
KNP02-560 414
KNP02-6.8 414
KNP02-68 414
KNP02-680 414
KNP02-82 414
KNP02-820 414
KP018 317
KPAC230 225
KPAC240 225
KPANEL 165
KPE242 403
KPE250 403
KPE253 403
KPE26 403
KPE623 403
KPE657 403

KR110 170
KRONE 458
KSA240AC8 412
KSD240AC8 412
KSP2F 174
KSP2FRPP 174
KSP3F 174
KSP4F 174
KSP4FRPP 174
KSP6F 174
KSP8F 174
KST659 464
KT-FX1 98
KT-FX1DA 98
KT-FX4 98
KT-FX4DA 98
KT170AU 495
KT401 210
KT412F 174
KT415F 174
KT420F 174
KTR19T2W 248
KUS2 465
KWIK100 433
KWIK50 433
KXPRS120AZW 200
KXPRW120AZW 200
KXTG6822ALB 201
KXTG7892AZS 201
KXTG7893AZS 201
KXTG8032 201
KXTG8033ALB 201
KXTG8163 201
KXTGA680AZ 201
KXTGA681AZB 201
KXTGA806AZ 201
KXTGB110ALB 200
KXTGF380AZM 201
KXTGF382AZM 201
L1036 396
L1037 396
L1041 397
L1042 397
L1043 397
L19G4 13
L24G4 13
L24H3 13
L32G3 13
L32G4 13
L32G5 14
L43G4 13
L43G5 14
L49G5 14
L54185 347
L54192 346
L54222 347
L91BP2 325
L91BP4 325
L92BP2 325
LA0469 266
LA0470 266
LA0471 266
LA0473 266
LA0474 266
LA0477 266
LA0478 266
LA0480 266
LA1010 459
LA1012 490
LA1030 263
LA1031 263
LA1032 263
LA1033 263
LA1035 263
LA1039 263
LA1042 263
LA1044 263
LA1045 263
LA1048 263
LA1050 263
LA1051 263
LA1052 263
LA1053 263
LA1055 263
LA1057 263
LA1059 263
LA1061 263
LA1063 264
LA1065 264
LA1067 264
LA1077 262
LA1081 264
LA1092 264
LA11 469
LA2030 265
LA2032 265
LA2036 265
LA2039 265
LA3013 265
LA3015 265
LA3017 265
LA3020 265
LA3033 265
LA3035 265
LA3037 265
LA3038 265
LA3041 265
LA3049 265
LA3061 265
LA3063 265
LA3082 265
LA3097 265
LA3098 265
LA5002 243
LA5217 218
LA5353 235
LA7091 266
LA7093 266
LA7096 266
LA7099 266
LA8000 266
LA8004 266
LA8012 266
LA8016 266
LA8019 266
LA90 141
LA9027 63
LAPLOK01 320
LB100 255
LB10000-40 406
LB10000-63 406
LB110 255
LB120 255
LB130 256
LB22000-25 406
LB33000-16 406
LB47000-25 406
LB68000-25 406
LBBL60 459
LBC01 354
LC 157
LC0046/WHT 203
LC0051/BLK 203
LC0051B/IVY 203
LC0056/IVY 203
LC0056B/BLK 203
LC0076B/IVY 203
LC0091B/BLK 203
LC0092/IVY 203
LC0095B/BLK 203
LC0104B/IVY 203
LC1000 268
LC1010 268
LC1050 268
LC1060 268
LC1070 268
LC1080 268
LC1100 268
LC1110 268
LC1120 268
LC1130 268
LC1140 268
LC1150 268
LC1160 268
LC1210 268
LC1220 268
LC1230 268
LC1250 268
LC1255 268
LC1260 268
LC1270 268
LC1280 268
LC1290 268
LC1300 268
LC1310 268
LC1370 268
LC1380 268
LC1400 268
LC1410 268
LC1420 268
LC1650 268
LC1660 268
LC2000C 188
LC2010 268
LC2012 268
LC2025 268
LC5005 268
LC5006 268
LC5012 268
LC5017 268
LC5070 268
LC5081 268
LC5085 268
LC5086 268
LC5090 268
LC5093 268
LC6037 268
LC6090 269
LC6092 269
LC6094 269
LC6096 269
LC6098 269
LC6110 270
LC6150 269
LC6152 269
LC6153 269
LC6154 269
LC6160 269
LC6162 269
LC6163 269
LC6170 269
LC6172 269
LC6190 269
LC6192 269
LC6210 269
LC6216 270
LC6218 270
LC6410 274
LC6415 274
LC6500B 273
LC6502B 273
LC6504B 273
LC6506B 273
LC6508B 273
LC6512B 273
LC6514B 273
LC6516B 273
LC6600B 273
LC6603B 273
LC6606B 273
LC6609B 273
LC6612B 273
LC6615B 273
LC6618B 273
LC6621B 273
LC6623B 273
LC6625B 273
LC6628R 273
LC6630R 273
LC6633R 273
LC6636R 273
LC6639R 273
LC6642R 273
LC6645R 273
LC6648R 273
LC6654G 273
LC6657G 273
LC6660G 273
LC6663G 273
LC6666G 273
LC6669G 273
LC6672G 273
LC6675G 273
LC6681Y 273
LC6684Y 273
LC6687Y 273
LC6690Y 273
LC6693Y 273
LC6696Y 273
LC6699Y 273
LC6702Y 273
LC7050 274
LC6735W 273
LC6738W 273
LC6741W 273
LC6744W 273
LC6747W 273
LC6750W 273
LC6753W 273
LC6756W 273
LC6915 274
LC7000 274
LC7100B 274
LC7102B 274
LC7104B 274
LC7106B 274
LC7112B 274
LC7114B 274
LC7118B 274
LC7122B 274
LC7125B 274
LC7127B 274
LC7138G 274
LC7139G 274
LC7140G 274
LC7141G 274
LC7142G 274
LC7143G 274
LC7144G 274
LC7145G 274
LC7148Y 274
LC7149Y 274
LC7150Y 274
LC7151Y 274
LC7152Y 274
LC7153Y 274
LC7154Y 274
LC7155Y 274
LC7185 270
LC7186 270
LC7187 270
LC7188 270
LC7189 270
LC7190 270
LC7193 270
LC7194 270
LC7195 270
LC7200 270
LC7203 270
LC7206 270
LC7208 270
LC7210 270
LC7215 270
LC7216 270
LC7218 270
LC7219 271
LC7222 271
LC7224 271
LC7225 271
LC7227 271
LC7230W 274
LC7231W 274
LC7232W 274
LC7233W 274
LC7234W 274
LC7235W 274
LC7236W 274
LC7237W 274
LC7239 271
LC7241 271
LC7243 271
LC7245 271
LC7251 271
LC7256 271
LC7261 271
LC7266 271
LC7319 267
LC7375 267
LC7385 267
LC7460 273
LC7462 273
LC7464 273
LC7466 273
LC7468 273
LC7470 273
LC7472 273
LC7474 273
LC7476 273
LC7478 273
LC7480 273
LC7480 273
LC7500BK 273
LC7502BK 273
LC7504BK 273
LC7506BK 273
LC7508BK 273
LC7510BK 273
LC7512BK 273
LC7514BK 273
LC7520BL 274
LC7522BL 274
LC7524BL 274
LC7526BL 274
LC7528BL 274
LC7530BL 274
LC7532BL 274
LC7534BL 274
LC7536BL 274
LC7538BL 274
LC7805 272
LC7807 272
LC7815 272
LC7825 272
LC7855 272
LC7865 272
LCD01AB 108
LCD02AB 108
LCD03B 122
LCD04B 108
LCD06AB 117
LCD06B 117
LCD07B 117
LCD08B 118
LCD09B 118
LCD09BLT 118
LCD20B 119
LCD23B 119
LCD24B 119
LCD883 332
LCDCM1B 121
LCDCM2B 122
LCDCM3B 122
LCDM2B 122
LCDM3B 122
LCDP10B 118
LCDP11B 118
LCDP15B 118
LCDP16B 118
LCDP18B 119
LCDP21B 119
LCDP25B 119
LCDP26 123
LCDPB1B 125
LCL4SET 459
LCM7000 188
LCS14V 355
LCT8 488
LCT8RM-2015 489
LDM100 460
LE09 188
LE862F 171
LEA 227
LEAN 227
LECN 228
LED 227
LED52 252
LED65D2900 13
LEDA 227
LEDAMP2 250
LEDCLIP 288
LEDH10MM 409
LEDH5MM 409
LEDQ10 240
LEDSPACER 408
LEDSTRALU1010MM 250
LEDSTRALU250MM 250
LEDSTRALU510MM 250
LEDT3 240
LEDU15 240
LEDU2 240
LEF10 227
LEF10C 228
LEF10S 227
LEF1C 228
LEF3 227
LEF3C 228
LEF5 227
LEF5C 228
LEM1 227
LEM1DL 227
LEM3 227
LET28 439
LF0.4SN100C.5K 447
LF0.56-250G 447
LF0.6SN100C.5K 447
LF0.71-500G 447
LF0.8SN100C.5K 447
LF1.0SN100C.5K 447
LF1.22-500G 447
LF1.2SN100C.5K 447
LF1.6-500G 447
LF1.6SN100C.5K 447
LF2.0SN100C.5K 447
LF25B-25MT 290
LF25W-25MT 290
LF347N 415
LF351N 415
LF353N 415
LF356N 415
LF357N 415
LF398N 416
LF411CN 415
LF442CN 415
LF444CN 415
LFCW100 457
LFK1 175
LH0328 266
LHTC 446
LHTD 446
LIC601 335
LIDB01 317
LIF5800RL/2 223
LIFLT711 438
LIFPE9M 223
LIU-C 205
LIVEPAD12CX 159
LIVESTAGE7500 12
LK02B6E-1MT 279
LK02G6E-1MT 279
LK02N6E-1MT 279
LK02R6E-1MT 279
LK02Y6E-1MT 279
LKCAT5E-1M 281
LKCAT5EP-1M 281
LKCAT5ESFP-1M 281
LKPN 469
LKSS02C-1MT 280
LKSS04C-1MT 280
LKSS08C-1MT 280
LKSS12C-1MT 280
LKSS16C-1MT 280
LKSS20C-1MT 280
LKSS24C-1MT 280
LKSS28C-1MT 280
LKSS32C-1MT 280
LKSS40C-1MT 280
LKSS48C-1MT 280
LKSSA02C-1MT 280
LKSSA04C-1MT 280
LKSSA08C-1MT 280
LKSSA12C-1MT 280
LKSSA16C-1MT 280
LKSSA20C-1MT 280
LKSSA24C-1MT 280
LKSSA28C-1MT 280
LKSSA32C-1MT 280
LKSSA40C-1MT 280
LKSSA48C-1MT 280
LKSSA56C-1MT 280
LKSSA64C-1MT 280
LL195-100M 287
LL195-1M 287
LL400-100M 287
LL400-1M 287
LM2577T-ADJ 419
LM2902N 415
LM2907N-14 416
LM301AN 415
LM304H 419
LM308AN 415
LM317HVK 419
LM317K 419
LM317LZ 419
LM317T 419
LM318N 415
LM320T-12 419
LM320T-15 419
LM320T-5 419
LM324N 415
LM334Z 416
LM335Z 416
LM336Z-2.5 416
LM336Z-5 416
LM337T 419
LM338K 419
LM339N 416
LM340T-12 419
LM340T-15 419
LM340T-24 419
LM340T-5 419
LM340T-8 419
LM348N 415
LM3524N 416
LM358N 415
LM35DZ 416
LM380N 416
LM383T 416
LM386N-1 416
LM3914N 419
LM393N 416
LM555CN 416
LM555SM 416
LM556CN 416
LM565CN 416
LM567N 416
LM723CN 419
LM78L05ACZ 419
LM78L12ACZ 419
LM79L05ACZ 419
LM79L12ACZ 419
LM79L15ACZ 419
LM833N 415
LM837N 415
LMH26 175
LMR240-N-SMA 198
LNBQULC 179
LNP8 461
LOCKMT 130
LP345F 164
LPBNWP 397
LPF108T 162
LPF112T 162
LPF116T 162
LPHDLC 114
LPM4SKYB1000 124
LPM4SKYW1000 124
LPM4SKYW1500 124
LPS01 352
LPS02 352
LPS12 352
LPS13 352
LPS14 352
LPS8 352
LR03T20B 324
LR03T2B 324
LR03T4B 324
LR3 57
LR32 177
LR38 177
LR42 177
LR500 458
LR6 57
LR6SINGLE 57
LR6T20B 324
LR6T2B 324
LR6T4B 324
LR6T4S 324
LR8 57
LR8SINGLE 57
LRAT1000 490
LRAT2000KIT 490
LS100 35
LS197 449
LS24F350FHEXXY 314
LS6U 353
LSB32 462
LSM4M 264
LSM8M 264
LT1 444
LT10 290
LT16 290
LT1L 444
LT20 290
LT25 290
LT30W 361
LT3141 167
LT511 408
LT521 408
LT531 408
LT5W 361
LT60 359
LT611 408
LT621 408
LT631 408
LT9 489
LTA 444
LTB 444
LTH 444
LTM 444
LV0780 262
LV0787 262
LV1002 262
LV1004 262
LV1005 262
LV1006 262
LV1008 263
LV1110 262
LV1115 262
LV1117 262
LV1120 262
LV1495 263
LV150 459
LV1501 263
LV1560 263
LV411 153
LV5124 261
LV5163 262
LV5166 262
LV5167 262
LV5168 262
LV5182 262
LV5184 262
LV5186 262
LV5188 262
LV5190 262
LV5192 262
LV5194 262
LV5196 262
LV5198 262
LV5200 262
LVLH 256
LZ120 430
M035LCD 215
M1-STANDB 127
M1-STANDW 127
M1000 361
M1005 361
M100UWH 18
M100XWH 18
M1010 362
M105BK 316
M105RD 316
M109NWX 18
M1126A 361
M12 409
M120UWH2 18
M1250 299
M1360 299
M1370BT 300
M150XWV2 18
M16 409
M1B 44
M1W 44
M20 409
M200CI 232
M200CW 232
M200CWD 232
M205-0.032A5 342
M205-0.05A5 342
M205-0.063A5 342
M205-0.08A5 342
M205-0.1A5 342
M205-0.25A5 342
M205-0.2A5 342
M205-0.315A5 342
M205-0.4A5 342
M205-0.5A5 342
M205-0.63A5 342
M205-0.8A5 342
M205-1.6A5 342
M205-10A5 342
M205-15A5 342
M205-1A5 342
M205-2.5A5 342
M205-2A5 342
M205-3.15A5 342
M205-4A5 342
M205-5A5 342
M205-6.3A5 342
M205FC 344
M205KIT 343
M2155L 360
M2156L 360
M2158L 360
M2165L 360
M2170L 360
M25 409
M2851L 360
M2852L 360
M2853L 360
M2854L 360
M2P 197
M30 56
M30 68
M325 316
M3P 197
M3RAU 456
M402VLZ4 159
M474 191
M474HD 191
M474HDR 191
M476 191
M476W 191
M5FD228 249
M5T28NC 252
M633D 159
M6672L 360
M7115A 360
M7118A 360
M7124A 360
M7130A 360
M71XWS1 18
M7200 302
M7252 360
M7255 360
M7258 360
M7264 360
M7270 360
M7300 303
M84NWV 18
M8893 346
M8894 346
M92UWH 18
M94NWX 18
M94UWX 18
MA1B 407
MA1R 407
MA2030A 137
MA2120 137
MA4075 137
MAG12C 184
MAGICCASE8PLUS 132
MAGMA-12 41
MAGMA15 41
MAP1200WD 68
MARINE6 52
MARINE8 52
MAWB 237
MAXICDMAW 194
MAXILINK35F 170
MB001WH 339
MB002WH 339
MB12UL 184
MB133 188
MB15B 142
MB207 188
MB25B 142
MB27 184
MB3504 332
MB3514 333
MB3527 332
MB3555 333
MB3609 332
MB3611 332
MB3613 332
MB3623 332
MB3625 332
MB3661 205
MB3734 355
MB3736 355
MB3748 363
MB3759 355
MB400 188
MB407SS 185
MBC1.25DG-100 426
MBC1.25DG/K-15 426
MBC2DG-50 426
MBC2K-15 426
MBCHGR5U 352
MBCHGRQBC 355
MBCHGRQBS 355
MBE50 142
MBL10B 409
MBL10G 409
MBL10R 409
MBL10Y 409
MBT300 198
MBT380 198
MBTR89BLK 41
MBTR89BLU 41
MBTR89TBL 41
MBU 184
MBWT3 152
MBWT4 152
MC001 186
MC005 186
MC007 186
MC010 186
MC011 186
MC016B 205
MC1AB1 121
MC405 186
MC5 56
MC553B 186
MC553G 186
MC553P 186
MC553S 186
MC557B 186
MC6000 186
MC751T 448
MCAP.01-250 406
MCAP.1-250 406
MCAP.15-275 406
MCAP.22-250 406
MCAP.47-250 406
MCRB020B 31
MCRB020WH 31
MCRB043DB 31
MCRB043DWH 31
MCRN470B 31
MCRN470S 31
MCRN670BBG 31
MCRN670SBG 31
MCRTAB01 134
MD100US 97
MD100VS 97
MD530G2 409
MD600R 409
MDA15U 169
MDA15V 169
MDA15W 168
MDA20LT 168
MDA66B/IVY 202
MDA88B/IVY 202

MDR242 ... 76
MDT02 ... 341
ME12 ... 34
ME15 ... 34
ME30W ... 34
ME33 ... 34
ME603E ... 298
ME604E ... 298
ME746E ... 298
ME951E ... 298
MED1000-240V ... 361
MED2000-240V ... 361
MED500-240V ... 361
MESBAT ... 256
MF1091 ... 363
MF821 ... 344
MF822 ... 344
MFMBZ ... 176
MFP1 ... 448
MFP112 ... 91
MFP72 ... 91
MFR301 ... 448
MFS1 ... 177
MG10 ... 106
MG12 ... 106
MG120 ... 430
MG12XU ... 159
MG30ML ... 433
MG60 ... 430
MG80 ... 430
MG92 ... 430
MH25 ... 439
MH25DF ... 444
MH25DFB ... 444
MH25SF ... 444
MH25ZF ... 444
MH3S ... 187
MH40 ... 439
MH40DF ... 444
MH40DFB ... 444
MH40SF ... 444
MH40ZF ... 444
MHB001 ... 168
MHQAMPPAL ... 168
MHU25F ... 169
MHU25FP ... 169
MHU25FS ... 169
MHU35F ... 169
MHU35FS ... 169
MHUB1 ... 402
MHV25F ... 169
MHW25F ... 168
MHW25FE ... 168
MHW25FEP ... 168
MHW25FP ... 168
MHW25FS ... 168
MHW35F ... 169
MHW35FP ... 169
MHW35FS ... 169
MHW43FS ... 168
MI5020 ... 363
MI5021 ... 363
MI5128 ... 363
MI5135 ... 363
MIC404 ... 228
MICBLU ... 157
MICGRN ... 157
MICORG ... 157
MICRO2+ ... 25
MICYEL ... 157
MIMO400 ... 195
MIN12B ... 45
MIN12W ... 45
MIN22B ... 45
MIN22W ... 45
MINILINK25 ... 170
MINIMEFF8-V2 ... 47
MINIMEP10-V2 ... 47
MINIMEP12-V2 ... 47
MINIMEP63B ... 48
MINIMEP63R ... 48
MINIMEP63S ... 48
MINIMEP63W ... 48
MINIMEP63Y ... 48
MINIMEP8W-V2 ... 47
MINX XLB ... 45
MINX XLW ... 45
MISS112D ... 412
MISS212D ... 412
MIX400 ... 159
MJ15003 ... 418
MJ15004 ... 419
MJ2955 ... 419
MJ4502 ... 419
MJ802 ... 418
MJE2955T ... 419
MJE3055T ... 418
MJE340 ... 418
MJE350 ... 419
MK120 ... 317
MK270R ... 316
MK345 ... 317
MK520 ... 316
MKS2.015-63 ... 406
MKS2.033-63 ... 406
MKS2.047-63 ... 406
MKS2.1-63 ... 406
MKS2.15-63 ... 406
MKS2.47-63 ... 406
MKS2.68-50 ... 406
MKS21-63 ... 406
MKVI-12BLK ... 47
MKVI-15BLK ... 47
MKVII12FF ... 48
MKVII15FF ... 48
ML-6 ... 236
ML110 ... 248
ML150 ... 247
ML201LED ... 247
ML204LED ... 247
ML625B ... 409
ML625G ... 409
ML625R ... 409
ML625Y ... 409
MLED140 ... 248
MLED140B ... 248
MLPR48 ... 75
MM27C256 ... 420
MM27C64 ... 420
MM62256 ... 420
MMA30 ... 140
MMA60B ... 140
MMCB18 ... 24
MMT24V2 ... 341
MN1300B2 ... 324
MN1300B4 ... 324
MN1400B2 ... 324
MN1400B4 ... 324
MN1500B2 ... 324
MN1500B4 ... 324
MN1604B1 ... 324
MN2400B2 ... 324
MN2400B4 ... 324
MOD1BKT ... 98
MOD1HDV2 ... 98
MODCOFDM ... 97
MONKEY ... 459
MP14513 ... 458
MP3249 ... 350
MP3459 ... 353
MP3478 ... 356
MP3484 ... 349
MP3616 ... 354
MP3739 ... 333
MP3754 ... 333
MP3756 ... 333
MP3758 ... 333
MP3S ... 228
MP6R ... 54
MPA240S ... 137
MPA40BT ... 140
MPA40BTPRO ... 140
MPA40BTPROPACK ... 140
MPS10 ... 127
MPX48 ... 155
MPX88 ... 138
MQ100LB ... 151
MQ100LW ... 151
MQ17 ... 242
MQ30P ... 150
MQ50C ... 146
MQ60HB ... 151
MQ60HW ... 151
MQ90S ... 151
MQB1 ... 62
MQS31 ... 143
MQS36 ... 159
MQS37 ... 159
MQS51 ... 143
MQS52 ... 143
MQS75 ... 143
MR02 ... 340
MR13 ... 76
MRC03V2 ... 341
MS2-KIT ... 491
MS21 ... 444
MS2100 ... 491
MS22 ... 444
MS23 ... 444
MS26A ... 444
MS34 ... 444
MS35 ... 444
MS4039 ... 277
MS4043 ... 277
MS545V ... 455
MS55ZL ... 219
MS6108 ... 323
MS6115 ... 341
MS6190 ... 341
MSB ... 439
MSC10-450 ... 407
MSC16-450 ... 407
MSC2-400 ... 407
MSC2-450 ... 407
MSC20-400 ... 407
MSC20-450 ... 407
MSC25-450 ... 407
MSC50-450 ... 407
MSC6-450 ... 407
MSD128ULTRA ... 296
MSD16ULTRA ... 296
MSD32 ... 296
MSD32ULTRA ... 296
MSD64ULTRA ... 296
MSDOCK-S ... 134
MSDOM ... 321
MSE11 ... 249
MSV305 ... 289
MSV306 ... 289
MSV308 ... 289
MT1 ... 445
MT1.25-6.4D-100 ... 426
MT1.25-6.4K-15 ... 426
MT10 ... 445
MT2 ... 445
MT2-6.4D-100 ... 426
MT2-6.4K-15 ... 426
MT3 ... 445
MT410GAUS ... 181
MT50BLACK ... 49
MT50WHITE ... 49
MT60DBLACK ... 49
MT60DWHITE ... 49
MT810 ... 441
MT820049A ... 491
MT820060KIT ... 491
MTB1.25-6.4-100 ... 426
MTB1.25-6.4K-20 ... 426
MTG20 ... 445
MTG21 ... 445
MTR150 ... 143
MTS0301 ... 150
MTX3 ... 138
MTX48 ... 136
MTX5D ... 138
MTX88 ... 136
MUSICCAST 20B ... 70
MUSICCAST 20W ... 70
MUSICCAST 50B ... 70
MUSICCAST 50W ... 70
MV5B ... 155
MV88 ... 155
MVHS215BT ... 40
MVHS305BT ... 40
MVL ... 155
MW13FR ... 397
MWI13A35 ... 397
MWI13BL ... 397
MWI13BNC ... 397
MWI13BR ... 397
MWI13C5J ... 397
MWI13C6J ... 397
MWI13C6M ... 397
MWI13DVI ... 397
MWI13FF ... 397
MWI13FF2 ... 397
MWI13HDMI ... 397
MWI13KS ... 397
MWI13PF ... 397
MWI13RCA1 ... 397
MWI13RCA2 ... 397
MWI13RCA3 ... 397
MWI13RGB ... 397
MWI13SPK ... 397
MWI13TOS ... 397
MWI13USB2 ... 397
MWI13USB3 ... 397
MWI13USBB ... 397
MWI13VGA ... 397
MWS52BLK ... 158
MWX45B ... 395
MWX45W ... 395
MWX65B ... 395
MWX65W ... 395
MX1500B4 ... 324
MX202WC ... 156
MX2400B4 ... 324
MX306 ... 361
MX3LP ... 374
MX3LS ... 374
MX3PP ... 374
MX415C ... 156
MX42AB ... 91
MX44AB ... 91
MX44ABV2 ... 93
MX44VW ... 91
MX4LP ... 374
MX4LS ... 374
MX4PP ... 374
MX601B ... 150
MX601W ... 150
MX703 ... 14
MX801B ... 150
MX801W ... 150
MXA5000 ... 30
MXC601 ... 146
MXS10 ... 47
MY8ADDA96 ... 138
MYBOOK4T ... 297
N25D ... 440
N4-1 ... 443
N4-2 ... 443
N4-3 ... 443
N4-4 ... 443
N40D ... 440
N5-1 ... 443
N5-2 ... 443
N5-3 ... 443
N80D ... 440
N91 ... 443
N92 ... 443
N93 ... 443
N94 ... 443
N95 ... 443
NANOSIM1 ... 205
NANOSTATION M5 ... 311
NAT1000 ... 198
NAT1200 ... 198
NBE-5AC-GEN2 ... 311
NBP202 ... 187
NC2000C-OR ... 188
NC250 ... 209
NC450 ... 209
NC950ARKIT ... 493
NCT24G ... 451
NCT24O ... 451
NCT24P ... 451
NCT24Y ... 451
NCT48G ... 451
NCT48O ... 451
NCT48P ... 451
NCT48Y ... 451
NDWS ... 462
NE2 ... 256
NE5534N ... 415
NEOA2LITE ... 25
NEOA3 ... 25
NEOCGO ... 95
NEOCGR ... 95
NEOCS ... 95
NEOU1 ... 25
NEOU9H ... 25
NEOX68I ... 25
NETAGENT ... 359
NEXT-OP1 ... 122
NEXT7345 ... 108
NEXT7346 ... 109
NEXT7355 ... 109
NEXT7825 ... 128
NEXT7840 ... 128
NF240 ... 460
NF270 ... 460
NF300 ... 490
NF3468 ... 489
NF400PT ... 489
NF468 ... 489
NF468PT ... 489
NF469 ... 489
NF622 ... 488
NF633 ... 488
NF801R ... 490
NF8108 ... 489
NF8601W ... 489
NF868W ... 489
NF904 ... 493
NFS5 ... 457
NGC1 ... 25
NL901 ... 247
NLK04IP6+BLK ... 132
NLKIP7+DEF ... 132
NLKIP7+FS ... 133
NLKIP7+M ... 132
NLKIP7+SYN ... 132
NLKIP7FS ... 133
NLKIP7M ... 132
NLKIP7SYN ... 132
NLKIP8+ ... 132
NLKIPX ... 132
NLKMD4BLK ... 205
NLKSSYNFIIP6 ... 132
NO15 ... 432
NOI110 ... 148
NP0.8-12 ... 329
NP1.2-12 ... 329
NP1.2-6 ... 329
NP10-6 ... 329
NP12-12 ... 329
NP18-12 ... 329
NP2-12 ... 329
NP2.3-12 ... 329
NP2.8-12 ... 329
NP203 ... 309
NP24-12 ... 329
NP25V ... 406
NP3-6 ... 329
NP38-12 ... 329
NP4-12 ... 329
NP4-6 ... 329
NP507 ... 309
NP511 ... 309
NP65-12 ... 329
NP7-6 ... 329
NP7.2-12 ... 329
NP700 ... 492
NP800KIT ... 492
NP9615G ... 350
NPH5-12 ... 329
NPS303B ... 26
NPS303S ... 26
NPSHZ ... 462
NPT12 ... 129
NPT18 ... 129
NPT24 ... 129
NS3008 ... 447
NS3033 ... 437
NS333B ... 45
NS555B ... 43
NSAW194B ... 60
NSAW194W ... 60
NSAW294B ... 60
NSAW294W ... 60
NSAW392B ... 60
NSAW392W ... 60
NSAW592B ... 61
NSAW592W ... 61
NSAW992B ... 61
NSAW992W ... 61
NSC444B ... 46
NSD8XNAVKIT ... 217
NSF500B ... 44
NSIC400 ... 57
NSIC600 ... 57
NSIC800 ... 57
NSP2050 ... 351
NSP3630 ... 351
NSP6016 ... 351
NSPA40B ... 49
NSSW050 ... 48
NSSW100B ... 48
NSSW200B ... 48
NSSW300B ... 48
NTO1M ... 266
NTO2M ... 266
NTO3M ... 266
NTO5M ... 266
NVR16IQ ... 216
NVR16IQ4K ... 216
NVR16IQ4KV2 ... 216
NVR8IQ4KV2 ... 216
NVR8IQECO ... 216
NWP107 ... 393
NX100SP ... 160
NXN500BL ... 70
NXN500WH ... 70
OCSBA ... 128
OCTOPUSU2S ... 350
OFFICE123 ... 312
OH335 ... 211
OIL11T ... 246
OIL5 ... 246
OIL7 ... 246
OIL9 ... 246
OL50FT ... 115
OM10.0WCB ... 126
OM5E ... 84
OMEGA100RIAABL ... 42
OMEGA100RIAABTBL ... 42
OMEGA100RIAABTWH ... 42
OMEGA100RIAAWH ... 42
OMGATEPLUS ... 224
OMNI-WIDEBAND ... 195
ONESX50BL ... 31
OP1200 ... 289
OPC1122 ... 188
OPC1122U ... 188
OPC2004LA ... 188
OPC346 ... 187
OPC474 ... 188
OPC478 ... 188
OPC478UC ... 188
OPC617 ... 188
OPT1 ... 266
OPT2 ... 266
OPT3 ... 266
OPT41AU ... 91
ORD387 ... 256
ORION750 ... 357
OS5.3B ... 59
OS5.3SIB ... 59
OS5.3SIW ... 59
OS5.3W ... 59
OS50F ... 108
OS50T ... 108
OS6.3B ... 59
OS6.3W ... 59
OS7.3B ... 59
OS7.3W ... 59
OSM2M ... 265
OSM4M ... 265
OTG32D ... 134
OTG772 ... 134
OTGMICROBK ... 134
P-WHT-1/2 ... 469
P-WHT-3/8 ... 469
P06DW ... 211
P06IPG ... 211
P06IPW ... 211
P1-101 ... 219
P10 ... 211
P1812 ... 139
P1C ... 442
P1W ... 338
P1WP ... 337
P2110 ... 144
P2240 ... 139
P2KC ... 442
P2W ... 338
P2WP ... 337
P2WP/SL ... 337
P2WP/SLC ... 337
P3S2 ... 74
P5980 ... 393
P5982 ... 393
P5985 ... 393
P5S ... 156
P5WIRELESS ... 73
P605DM/IVY ... 202
P605DMB/IVY ... 202
P6847 ... 393
P7 ... 74
P7WIRELESS ... 73
PA005 ... 79
PA1000 ... 367
PA1001 ... 368
PA1002 ... 367
PA1005 ... 368
PA1017 ... 368
PA1032 ... 368
PA1048 ... 368
PA1055 ... 368
PA1060 ... 368
PA1061 ... 368
PA1063 ... 368
PA1065 ... 368
PA1066 ... 368
PA1076 ... 368
PA1078WH ... 368
PA1080BL ... 368
PA120 ... 136
PA1517 ... 368
PA1532 ... 368
PA1801 ... 368
PA1830 ... 368
PA1900 ... 366
PA1905 ... 366
PA1908 ... 366
PA2030A ... 139
PA2295 ... 319
PA2300 ... 389
PA2305 ... 389
PA2310 ... 388
PA2311 ... 389
PA2313 ... 388
PA2316 ... 388
PA2319 ... 388
PA2322 ... 388
PA2325 ... 388
PA2328 ... 388
PA2334 ... 388
PA2337 ... 388
PA2340 ... 388
PA2343 ... 388
PA2346 ... 389
PA240 ... 136
PA2401 ... 370
PA2470 ... 370
PA2480 ... 370
PA2485 ... 370
PA2490 ... 370
PA2701 ... 370
PA2703 ... 370
PA3502 ... 368
PA3503 ... 368
PA4010KIT ... 294
PA4010P ... 294
PA411KIT ... 309
PA4217 ... 370
PA4220 ... 381
PA4245 ... 366
PA4250 ... 367
PA4256 ... 366
PA4270 ... 367
PA4275 ... 367
PA4280 ... 367
PA4295 ... 367
PA4300 ... 367
PA4305 ... 381
PA4310 ... 381
PA4350 ... 367
PA4355 ... 367
PA4360 ... 367
PA4365 ... 367
PA4370 ... 367
PA5081 ... 381
PA5082 ... 381
PA5083 ... 391
PA5084 ... 381
PA5085 ... 381
PA5086 ... 381
PA5088 ... 381
PA5089 ... 392
PA5093 ... 381
PA5095 ... 381
PA5097 ... 381
PA5099 ... 381
PA5101 ... 381
PA5117 ... 382
PA5120 ... 382
PA5125 ... 382
PA5126 ... 392
PA5128 ... 382
PA5130 ... 382
PA5133 ... 382
PA5136 ... 382
PA5138 ... 382
PA5148 ... 384
PA5360 ... 384
PA5401 ... 382
PA5405 ... 382
PA5406 ... 392
PA5448 ... 382
PA5701 ... 384
PA5720 ... 384
PA5970 ... 382
PA5981 ... 384
PA5983 ... 369
PA5990 ... 384
PA60 ... 136
PA6001 ... 384
PA6032 ... 384
PA6034 ... 384
PA6048 ... 384
PA6113 ... 384
PA6117 ... 384
PA6401 ... 384
PA6416 ... 384
PA6432 ... 384
PA6608 ... 384
PA6616 ... 384
PA6624 ... 385
PA6650 ... 385
PA6685 ... 387
PA6687 ... 387
PA6690 ... 387
PA6692 ... 387
PA6694 ... 387
PA6695 ... 387
PA6696 ... 387
PA6698 ... 387
PA6700 ... 387
PA6702 ... 387
PA6706 ... 387
PA6708 ... 387
PA6710 ... 387
PA6712 ... 387
PA6714 ... 387
PA6748 ... 385
PA7001 ... 385
PA7002 ... 385
PA7010P ... 308
PA7301 ... 385
PA7305 ... 385
PA7317 ... 385
PA7325 ... 386
PA7330 ... 386
PA7335 ... 384
PA7340 ... 384
PA7380 ... 386
PA7385 ... 386
PA7390 ... 384
PA7395 ... 387
PA7410 ... 387
PA7415 ... 388
PA7470 ... 366
PA7472 ... 366
PA7475 ... 366
PA8010PKIT ... 309
PA9020PKIT ... 309
PAC1 ... 224
PAC2 ... 224
PAD014SP ... 346
PAD016SP ... 346
PAD056SW ... 345
PAD102USB ... 346
PAD131P ... 345
PAD137P ... 345
PAD32 (PAD-032D) ... 341
PAD4011AU ... 353
PAD4022A ... 347
PAD4044C ... 347
PAD4066E ... 347
PAD4088H ... 347
PAD661SW ... 346
PANORAMABT ... 39
PAR135 ... 222
PASS01 ... 127
PASS02 ... 127
PB1.25-6.4DG-50 ... 426
PB1.25-6.4K-15 ... 426
PB10400 ... 331
PB154M ... 418
PB15600 ... 331
PB175 ... 123
PB2-6.4DG-50 ... 426
PB2-6.4K-15 ... 426
PB20100 ... 332
PB20L ... 345
PB20R ... 345
PB24 ... 345
PB40 ... 345
PB60 ... 345
PB94 ... 348
PBA6.4-50 ... 426
PBA6.4K-20 ... 426
PBDF104 ... 418
PBE-M5-300 ... 311
PBFS4 ... 348
PBG6700 ... 331
PBL404 ... 418
PBL407 ... 418
PBPC1010 ... 418
PBPC6010 ... 418
PBPC606 ... 418
PC1.25-100 ... 426
PC121 ... 300
PC1300 ... 324
PC131 ... 300
PC1400 ... 324
PC141 ... 300
PC1500 ... 324
PC1604 ... 324
PC166USB ... 300
PC2-100 ... 426
PC2369 ... 147
PC2400 ... 324
PC26USB ... 300
PC2852 ... 147
PC2869 ... 147
PC2A ... 356
PC333D ... 300
PC350 ... 300
PC360 ... 301
PC36CALL ... 300
PC36USB ... 300
PC500 ... 356
PC668BK ... 147
PC668RC ... 147
PC8056W1G ... 251
PCB95152 ... 402
PCB95303 ... 402
PCB9576 ... 402
PCBW1L ... 438
PCBW5L ... 438
PCEBL ... 347
PCEGN ... 347
PCEGR ... 347
PCERD ... 347
PCEUBL ... 347
PCEUGN ... 347
PCEUGR ... 347
PCEURD ... 347
PCLED07 ... 251
PCP1 ... 402
PD009 ... 356
PD1 ... 237
PD1001 ... 369
PD1201 ... 369
PD1232 ... 369
PD1234 ... 369
PD1236 ... 369
PD1238 ... 369
PD1248 ... 369
PD1250 ... 369
PD1253 ... 369
PD1255 ... 369
PD1256 ... 369
PD1325SA ... 410
PD1325SB ... 410
PD1401 ... 369
PD1417 ... 369
PD1420 ... 369
PD1422 ... 369
PD1425 ... 369
PD1432 ... 369
PD1449 ... 369
PD1450 ... 369
PD1452 ... 369
PD1453 ... 369
PD1455 ... 369
PD1460 ... 369
PD1627SA ... 410
PD1627SB ... 410
PD1801 ... 369
PD1817 ... 369
PD1832 ... 369
PD2 ... 228
PD2001 ... 369
PD2032 ... 369
PD2227SA ... 410
PD2227SB ... 410
PD2401 ... 369
PD2417 ... 370
PD2432 ... 370
PD2460 ... 370
PD2601 ... 370
PD2617 ... 370
PD2665 ... 370
PD2681 ... 370
PD2697 ... 370
PD2901 ... 371
PD2902 ... 371
PD2904 ... 371
PD2905 ... 371
PD2920 ... 371
PD2932 ... 371
PD2949 ... 371
PD2950 ... 371
PD2952 ... 371
PD2957 ... 371
PD2959 ... 371
PD2961 ... 371
PD2963 ... 371
PD2965 ... 371
PD2969 ... 371
PD3027 ... 371
PD3029 ... 371
PD3031 ... 382
PD3032 ... 392
PD3033 ... 392
PD3150 ... 371
PD3163 ... 371
PD3202 ... 371
PD3204 ... 371
PD3206 ... 371

PD3208 371
PD3210 371
PD3212 371
PD3227SA 410
PD3227SB 410
PD3301 371
PD3317 371
PD3501 371
PD3549 371
PD3801 374
PD3817 374
PD3832 374
PD3848 374
PD3852 374
PD3860 374
PD4020 374
PD4024 374
PD4044 376
PD4046 376
PD4050 376
PD4055 376
PD4060 376
PD4101 374
PD4117 374
PD4132 374
PD4148 374
PD4152 374
PD4160 374
PD4184 374
PD45 353
PD4846 372
PD4855 372
PD4905 372
PD4923 372
PD4924 372
PD4930 372
PD4934 373
PD4936 373
PD4940 373
PD5190 373
PD5192 373
PD5201 373
PD5203 373
PD5206 373
PD5211 373
PD5216 373
PD5221 373
PD5226 373
PD5290 373
PD5300 373
PD5301 373
PD5302 373
PD5304 373
PD5305 373
PD5309 373
PD5310 373
PD5311 373
PD5312 373
PD5313 373
PD5317 373
PD5320 373
PD5323 373
PD5332 373
PD5333 373
PD5334 373
PD5335 373
PD5336 373
PD5340 373
PD5342 373
PD5344 374
PD5346 373
PD5348 373
PD5349 373
PD5350 373
PD5352 373
PD5356 373
PD5357 373
PD5358 373
PD5359 373
PD5360 374
PD5362 374
PD5365 374
PD5367 374
PD5370 374
PD5372 374
PD5381 374
PD5383 374
PD5385 374
PD5450 374
PD5470 374
PD5501 376
PD5512 376
PD5524 376
PD5566 376
PD5616 377
PD5624 377
PD5670 373
PD5680 374
PD5682 374
PD5701 377
PD5717 377
PD5732 377
PD5765 377
PD6001 377
PD6017 377
PD6032 377
PD6048 377
PD6081 377
PD6097 377
PD6113 377
PD6147 377
PD6148 377
PD6149 377
PD6155 377
PD6701 377
PD6736 377
PD7339 377
PD7341 377
PD80 353
PDC121050 330
PDC121250 330
PDC121300 330
PDC12140 330
PDC121600 330
PDC122000 330
PDC12220 330
PDC122500 330
PDC12260 330
PDC12350 330
PDC12480 330
PDC12600 330
PDC12800 330
PDCAT6J 202
PDL51M/B 336
PDRWS8 459
PDT110 458
PE304 146
PE304BK 146
PEL1 225
PES50 444
PES51 446
PF0010 389
PF0015 389
PF0500 389
PF0505 389
PF0510 389
PF2436 379
PF40WH 245
PF50 245
PFA9004S 107
PFA9010S 107
PFA9103 107
PFA9104 120
PFA9122 109
PFA9126 109
PFB3405B 120
PFB3407B 120
PFB3407S 120
PFB3409B 120
PFB3411B 120
PFB3419 120
PFB3433B 120
PFC-BK 129
PFC2 220
PFI3035 107
PFRB 175
PFS3304 108
PFS3306 120
PFS3504 120
PFT2520 123
PFW6800 115
PFW6815 115
PFW6850 115
PFW6851 115
PFW6854 115
PFW6855 115
PFW6870 116
PFW910S 116
PG1001 384
PG1020 385
PG1021 385
PG1038 385
PG1042 385
PG1044 385
PG1050 385
PG1064 385
PG1070 385
PG1073 392
PG1075 385
PG1080 385
PG1090 385
PG1092 385
PG120 430
PG1275 328
PG1310 385
PG1313 385
PG1317 385
PG1334 385
PG1342 385
PG1380 385
PG1401 386
PG1408 386
PG1500 386
PG1520 386
PG1607 386
PG1609 388
PG1611 388
PG1613 388
PG1615 388
PG1620 388
PG1621 388
PG1622 388
PG1625 388
PG1626 388
PG1632 386
PG1634 386
PG1636 386
PG1648 386
PG1660 386
PG1665 386
PG1681 386
PG2001 386
PG2032 386
PG2050 386
PG2501 386
PG2532 386
PG3025 386
PG3026 388
PG3027 388
PG80 430
PGXN702 347
PH100 75
PH100R 75
PH9205 335
PH9207 335
PH9220 335
PICA DRY 459
PIK01 171
PIN1000C 363
PIN1200 362
PIN1200RC 363
PIN150 362
PIN300USB 363
PIN600 362
PJ1009 379
PJ1015 379
PJ1025 379
PJ1037 379
PJ1309 379
PJ1315 379
PJ1325 379
PJ1337 379
PJ1415 379
PJ2025 379
PJ2037 379
PJ2425 379
PJ2809 379
PJ2825 379
PJ304 146
PJ4015 379
PJ4409 379
PJ4415 379
PJ4425 379
PJ5001 380
PJ5017 380
PJ5027 380
PJ5032 380
PJ5048 380
PJ5401 380
PJ5417 380
PJ5432 380
PJ5801 380
PJ6001 380
PJ6002 380
PJ6003 380
PJ6609 380
PJ6617 380
PJ6625 380
PJ7009 380
PJ7017 380
PJ7025 380
PJ7050 380
PJ7060 380
PJ7065 380
PJ7329 380
PJT 124
PJT40 124
PJV1 468
PK-501D 461
PK08509 464
PK18650 327
PK2001K 470
PK2PC 327
PK2PD 327
PK3002 465
PK305K 470
PK322 465
PK3304 393
PK3307 393
PK3309 393
PK332 465
PK36 461
PK371D 465
PK3930 390
PK3935 390
PK3940 390
PK3980 390
PK3988 390
PK3994 390
PK3998 390
PK4001 390
PK4005 390
PK4008 390
PK4010 390
PK4015 390
PK4020 390
PK4025 390
PK4030 390
PK4035 390
PK4040 390
PK4045 390
PK4050 390
PK4410 399
PK4500 399
PK4505 399
PK4510 391
PK4515 201
PK4516 201
PK4517 201
PK4520 399
PK4525 399
PK4530 399
PK4534 399
PK4535 399
PK4540 201
PK4542 201
PK4543 201
PK4545 399
PK4546 400
PK4547 400
PK4549 400
PK4551 398
PK4555 400
PK4562 398
PK4564 398
PK4575 398
PK4576 398
PK4578 398
PK4580 398
PK4582 398
PK4584 398
PK4586 398
PK4588 398
PK4590 398
PK4591 398
PK4592 398
PK4593 398
PK4594 398
PK4595 398
PK4596 398
PK4601 400
PK4610 400
PK4630 400
PK4640 400
PK4642 400
PK4646 400
PK4648 400
PK4650 400
PK4652 400
PK4656 400
PK4658 400
PK4660 400
PK4662 400
PK4664 400
PK4666 400
PK4668 400
PK4670 400
PK4672 400
PK4686 400
PK4688 400
PK4690 400
PK4694 401
PK4700 401
PK4702 401
PK4704 401
PK4706 401
PK4710 367
PK4720 401
PK4910 401
PK4912 401
PK4914 401
PK4916 401
PK4918 401
PK4PAA 327
PK4PAAA 327
PK6001 381
PK700NK 470
PK7012 381
PK7015 381
PK9402 468
PK9V 327
PL150 469
PL2AAA 251
PL300BAT 469
PL403 461
PLA66ARCV2 93
PLA66LV2 93
PLA88ARCV2 93
PLA88L-V2 93
PLAY70 116
PM100 223
PM1010 391
PM1016 391
PM1020 391
PM1034 391
PM1040 391
PM1050 391
PM1202 391
PM1203 391
PM1204 391
PM1206 391
PM120HTE12 19
PM1410 391
PM1426 391
PM3524 391
PM55B 141
PM55UHF 141
PM660 156
PM660D 156
PM660U 156
PM660XLR 156
PM6740 391
PM711 456
PM7316 391
PM7320 391
PM7701 391
PM9080/001 484
PM9805 42
PMA520AEBK 27
PMA520S 27
PMA720S 27
PN1 410
PN24 410
PN8C 410
PN8D 410
PN8E 410
PN8F 410
PNC616 95
PO102AB 418
POE08265 308
POE100EX 214
POE16420 308
POE1SP 214
POE24420 308
POWERPILL 350
POWERPRO300 68
PP115B 484
PP115R 484
PP130B 484
PP130R 484
PP140B 484
PP140R 484
PP1976 323
PP1978 323
PP2050 378
PP2052 379
PP2054 379
PP2120 356
PP24 162
PP30 452
PP4007 335
PPA320 107
PPC1555W 124
PPC2500 123
PPC2555 124
PPC624 162
PPCK30 125
PPIN150USB 362
PPS800W 124
PPT5 446
PPT6 446
PR0940 382
PR0946 382
PR0948 382
PR0972 382
PR0974 382
PR0977 382
PR0978 382
PR0980 382
PR0982 383
PR0984 383
PR0987 383
PR0994 383
PR0996 382
PR0998 383
PR1000 383
PR1005 383
PR1007 383
PR1010 383
PR1012 383
PR1014 383
PR1016 383
PR1298 383
PR1300 383
PR1303 383
PR1305 383
PR1308 383
PR1310 383
PR1317 383
PR1601 383
PR195 387
PR2320 366
PR2801 395
PR2803 395
PR2805 395
PR3701 395
PR3835 396
PR3850 396
PR3860 396
PR3870 396
PR3872 396
PR3880 396
PR3884 396
PR3886 396
PR400 387
PR4605 396
PR6R 54
PR7SYSTEM 53
PR8SYSTEM 53
PRD3G 36
PRD4P 37
PRD6W 37
PRD7BK 37
PRE116 158
PRE126 158
PRESCOKIT7 225
PRESCOKIT9 225
PRO-X128 41
PRO-X184 41
PRO1001 100
PRO1022 101
PRO1024 398
PRO1024B 397
PRO1030 392
PRO1032 392
PRO1034 392
PRO1044 392
PRO1047 71
PRO1048 90
PRO1059 371
PRO1075 101
PRO1117 393
PRO1121 393
PRO1141 87
PRO1142 87
PRO1143 392
PRO1144 392
PRO1144A 392
PRO1153 398
PRO1161 102
PRO1163P 102
PRO1177 392
PRO1178A 87
PRO1183 87
PRO1188A 87
PRO1188AS 87
PRO1191 102
PRO1199 392
PRO1211 103
PRO1221 103
PRO1235D 71
PRO1235DS 71
PRO1235DSWP 71
PRO1237 394
PRO1240 398
PRO1247D 71
PRO1247DS 71
PRO1247DSWP 71
PRO1254D 392
PRO1255 87
PRO1256 88
PRO1257 101
PRO1258A 394
PRO1259 94
PRO1262 94
PRO1270 71
PRO1270S 71
PRO1272 399
PRO1272B 399
PRO1272D 398
PRO1273 399
PRO1276 103
PRO1276WP 392
PRO1277 394
PRO1279 394
PRO1280 394
PRO1287 94
PRO1292 88
PRO1294B 88
PRO1296 71
PRO1297 88
PRO1298 94
PRO1299 67
PRO1300 67
PRO1309 394
PRO1310 394
PRO1314 394
PRO1323 67
PRO1326 87
PRO1327 79
PRO1328 67
PRO1328K 67
PRO1328WP 67
PRO1330 87
PRO1338 71
PRO1340 78
PRO1343 78
PRO1345 394
PRO1348 158
PRO1351 67
PRO1351WP 67
PRO1354 316
PRO1358 139
PRO1359 71
PRO1362D 102
PRO1363 102
PRO1363A 102
PRO1369 87
PRO1376 91
PRO1387 79
PRO1398 69
PRO2.1 155
PRO2410 225
PRO2AV0500 262
PRO3000 491
PRO3420 394
PRO3425 394
PROESSUSB 42
PROHD0050 259
PROHD0100 259
PROHD0150 259
PROHD0200 259
PROHD0300 259
PROHD0500 259
PROHD1000 259
PROHD1500 259
PROHD2000 259
PROJECT78KIT 78
PROLOOPC 141
PROLOOPDCCPLUS 141
PROLOOPLOS 141
PROTL0200 267
PRSHD0050 258
PRSHD0100 258
PRSHD0150 258
PRSHD0300 258
PRSHD0500 258
PRSHD1250 258
PRSHD1500 258
PRXCRD 225
PRXKEY 225
PRXKEYHD 225
PS0795 401
PS1208 328
PS12100 329
PS1212 328
PS12120 328
PS12180NB 328
PS122 348
PS1220 328
PS12200 328
PS12260 328
PS1227 328
PS12280 328
PS1229 329
PS1230 328
PS1232 329
PS12330 328
PS12330C 329
PS12400 328
PS1250 328
PS12550 328
PS12650 328
PS1270 328
PS1280 328
PS1290 328
PS152 348
PS1820 237
PS1LWB 323
PS2013 354
PS2016 354
PS2020 354
PS2022 354
PS2024 354
PS2026 354
PS20509C 461
PS2051 379
PS2053 379
PS2056 379
PS2120 356
PS2126 354
PS2128 354
PS22 171
PS2420 237
PS2LBK 323
PS2USB 350
PS300 78
PS3BK 323
PS4006 335
PS4071 397
PS4100 275
PS4825 349
PS51 348
PS5USB 350
PS6100 328
PS612 328
PS630 328
PS640 328
PS664N 332
PS665 332
PS670 328
PS734 350
PSA59/6 465
PSBZIBI84 224
PSDCMINI12/18 357
PSE90CCW 122
PSE90CW 122
PSEIL 236
PSH1255 328
PSI1 446
PSI100K 442
PSI2 446
PSI3 446
PSI4 446
PSI5 446
PSI6 446
PSI7 446
PSI8 446
PSI9 446
PSK01 171
PSK06 171
PSK06F 171
PSK08 171
PSK08F 171
PSK124F 171
PSK16 225
PSK18KR 171
PSK18S 171
PSRJ45B 391
PSRJ45C 391
PSRJ45G 391
PSRJ45R 391
PSRJ45Y 391
PSU3.3 443
PSW500KB 411
PT15015 464
PT1814 346
PT1USB 346
PT21BLK 452
PT21BLU 452
PT21GRN 452
PT21GRN/YEL 452
PT21GRY 452
PT21RED 452
PT21WHI 452
PT21YEL 452
PT2898 346
PT4113 346
PT45C6S-100 389
PT4USB 346
PT8888 347
PT9822 337
PTA3001B 131
PTA3002B 131
PTA3003 131
PTA3005 131
PTA7 445
PTA8 445
PTA878USB 340
PTA8809USB 340
PTA8810USB 340
PTA929USB 340
PTAA7 445
PTAA8 445
PTAUDIO995 300
PTAUSB 341
PTB65BL-100 390
PTB650R-100 390
PTBB7 445
PTBB8 445
PTC602BNS 246
PTC7 445
PTC8 445
PTCC7 445
PTCC8 445
PTCYCLOPS2 464
PTF15 344
PTF70 344
PTH7 445
PTH8 445
PTK7 445
PTK8 445
PTKR 225
PTL8 445
PTO8 445
PTP7 445
PTP8 445
PTS1205 131
PTS1206 131
PTS1211 131
PTS1212 131
PTS1213 131
PTS1214 131
PTS1215 131
PTS1216 131
PTS2010 131
PTSAW 461
PUC1035 107
PUC1060 107
PUC1065 108
PUC1070 107
PUC1080 107
PUC2108 107
PUC2515 107
PUC2530B 108
PV1DB 47
PV1DW 47
PV203 467
PV300 467
PV303 467
PV304 467
PV305 467
PV308 466
PV310 466
PV311 466
PV312 466
PV315 468
PV335 467
PV337 467
PV366 467
PV376 468
PV380 467
PV385 468
PVR9600Q 22
PW0412B05 356
PW0903 371
PW0904 371
PW0905 371
PW0912B10 356
PW10-100R 415
PW10-10K 415
PW10-10R 415
PW10-120R 415
PW10-12K 415

PW10-12R....415
PW10-150R....415
PW10-15K....415
PW10-15R....415
PW10-18R....415
PW10-1K....415
PW10-1K2....415
PW10-1K8....415
PW10-1R....415
PW10-1R2....415
PW10-1R5....415
PW10-220R....415
PW10-240R....415
PW10-270R....415
PW10-27R....415
PW10-2K2....415
PW10-2K7....415
PW10-2R2....415
PW10-330R....415
PW10-33R....415
PW10-39R....415
PW10-3K3....415
PW10-3K9....415
PW10-3R3....415
PW10-3R9....415
PW10-470R....415
PW10-4K7....415
PW10-4R7....415
PW10-560R....415
PW10-56R....415
PW10-5K6....415
PW10-5R6....415
PW10-600R....415
PW10-680R....415
PW10-68R....415
PW10-6K8....415
PW10-6R8....415
PW10-820R....415
PW10-8K2....415
PW10-8R2....415
PW1361....372
PW1362....372
PW1451....372
PW1452....372
PW1471....372
PW1472....372
PW1612B16....356
PW1615....372
PW1616....372
PW1617....372
PW1618....372
PW1639....372
PW1640....372
PW1701....372
PW1702....372
PW1703....372
PW1704....372
PW1901....372
PW1902....372
PW1903....372
PW1905....372
PW2001....333
PW2101....372
PW2102....372
PW2701....372
PW2702....372
PW2703....372
PW2801....372
PW2802....372
PW408S-12R....356
PW408U....356
PW4304....375
PW4307....375
PW4354....375
PW4357....375
PW4362....374
PW4404....374
PW4407....374
PW4454....374
PW4457....374
PW4485....375
PW4489....375
PW4493....375
PW4496....375
PW4512....375
PW45HTA....153
PW4604....375
PW4608....375
PW4625....375
PW4635....375
PW4640....375
PW4655....375
PW4670....375
PW4675....375
PW4680....376
PW4904....375
PW5-100R....415
PW5-10R....415
PW5-120R....415
PW5-12R....415
PW5-150R....415
PW5-15R....415
PW5-180R....415
PW5-18R....415
PW5-1K....415
PW5-1K2....415
PW5-1K3....415
PW5-1K5....415
PW5-1R....415
PW5-1R2....415
PW5-1R5....415
PW5-1R8....415
PW5-220R....415
PW5-22R....415
PW5-270R....415
PW5-27R....415
PW5-2K2....415
PW5-2K7....415
PW5-2R2....415
PW5-2R7....415
PW5-330R....415
PW5-390R....415
PW5-39R....415
PW5-3K3....415
PW5-3K9....415
PW5-3R....415
PW5-3R3....415
PW5-3R6....415
PW5-3R9....415
PW5-470R....415
PW5-47R....415
PW5-4K7....415
PW5-4R7....415
PW5-560R....415
PW5-56R....415
PW5-5R6....415
PW5-680R....415
PW5-68R....415
PW5-6R8....415
PW5-820R....415
PW5-82R....415
PW5-8R2....415
PW5-R1....415
PW5-R15....415
PW5-R22....415
PW5-R33....415
PW5-R39....415
PW5-R47....415
PW5-R56....415
PW5-R68....415
PW5-R82....415
PW5000....376
PW5005....376
PW5010....376
PW5015....376
PW5017....376
PW5020....376
PW5V....355
PW6408....391
PW6414....391
PW6416....391
PW6440....391
PW6708....391
PW6714....391
PW6718....391
PW6720....391
PW6728....391
PW6740....391
PW8009....377
PW8012....377
PW8015....377
PW8017....377
PW8018....377
PW8019....378
PW8020....378
PW8021....378
PW8022....378
PW8023....378
PW8024....378
PW8025....378
PW8026....378
PW8026R....378
PW8028....378
PW8028R....378
PW8030....378
PW8031....378
PW8032....377
PW8033....378
PW8035....377
PW8050....377
PW8053....378
PW8054....378
PW8064....378
PW8067....378
PW8082....377
PW8084....377
PW8086....378
PW8088....378
PW8099....378
PW8165....378
PW816S-12R....356
PW8170....378
PW8175....378
PW8180....378
PW8185....378
PW8195....250
PW8196....378
PW8197....378
PW8204....378
PW8208....378
PW8408....378
PW8418....378
PW8648....379
PW8981....381
PWA100D....140
PWA100EXTSPK....144
PWA65D....140
PWABPLH....142
PWAEML....142
PWAHHMA....142
PWAHSM....142
PWR10....251
PWU0412W05....356
PWU0812W10....356
PWU1612W16....356
PWUSB24F....356
PX-GOLD....73
PX-GREY....73
PX200-IIW....76
PX6004....417
Q100-022....218
Q100-048....218
Q100-243....222
Q10B....62
Q1755-E....209
Q1K....139
Q2003....493
Q2022....496
Q2120....334
Q3000STGB....127
Q3000STGW....127
Q3000WB....126
Q3060SBL....12
Q3060SW....12
Q3060SWH....12
Q3215....334
Q7000IB....49
Q7000ISTMB....127
Q7000ISTMW....127
Q7000IW....49
QA1004....139
QA2004....139
QA3004....139
QA4004....139
QAMP....168
QC1.25-6.4D-100....426
QC1.25-6.4D-20....426
QC2-6.4DG-50....426
QC2-6.4K-20....426
QC3654....212
QC8631....211
QC8660....211
QC8702....458
QC8710....458
QCB1.25-2.8-100....426
QCB1.25-4.8-100....426
QCB1.25-6.4-100....426
QCB1.25-6.4K-20....426
QCB2-6.4F-100....426
QCB2-6.4FK-20....426
QCN1.25-6.4-100....426
QCN1.25-6.4K-20....426
QI500FL....253
QIBTSPBK....39
QIBTSPWH....39
QIPADS....205
QK001....472
QK001....472
QK2....427
QK4....427
QK8....427
QKD01....427
QKD02....427
QKD03....427
QKD07....427
QKD11....427
QKD12....428
QKD14....426
QKD17....428
QKD18....425
QKD21....427
QKD22....427
QKD23....427
QKD24....427
QKD28....427
QKD31....427
QKD32....428
QKD34....426
QKD35....428
QKD36....428
QKD37....425
QKD39....427
QKD40....427
QKD41....427
QKD42....427
QKD46....427
QKD49....427
QKD50....428
QKD54....428
QKD61....428
QLF214B2....109
QLT35B2....109
QM1000P....139
QM108....144
QM108BR....144
QM1601....494
QM350I....144
QM3874....216
QM600SI....145
QMATRIX88....136
QMT25-B2....109
QP2004....495
QP2261....334
QP2263....334
QP2299....496
QP2312....334
QPA2800....138
QSA2001....144
QSF207B2....109
QSM624ET....137
QST25-B2....109
QT1WML....395
QTC1080I....146
QTC2080I....146
QTRPS....156
QUEBECII....20
QUICKCAP....471
QUICKCAPBK....391
QUICKCAPBL....391
QUICKCAPGR....391
QUICKCAPRD....391
QUICKCAPWT....391
QUICKCAPYL....391
QX1280....139
QX2280....139
QX4280....139
R03-NUB4A....324
R1010BT....45
R102WE....345
R105....345
R105/6....345
R110WH1A1080P2....19
R1202....344
R1280DB....44
R138WH1WIDE....19
R16....217
R16KIT....218
R1700BT....44
R2000DB....44
R2601....277
R2602....277
R2604....277
R2930....278
R3HD0030....258
R3HD0060....258
R3HD0090....258
R3HD0120....258
R3HD0150....258
R3HD0180....258
R3HD0210....259
R3HD0240....258
R3HD0270....259
R3HD0300....258
R400....19
R5824HR....242
R650....56
R6612-M6....160
R700....19
R720AC....277
R720ACR....277
R730ACR....277
R800....56
RAC0600....162
RAC1200....162
RAWRB80....140
RB1-63....405
RB10-160....405
RB10-25....405
RB10-35....405
RB10-63....405
RB100-16....405
RB100-160....405
RB100-25....405
RB100-63....405
RB1000-16....405
RB1000-25....405
RB1000-35....405
RB1000-63....405
RB10000-40....405
RB2.2-63....405
RB22-25....405
RB22-35....405
RB22-63....405
RB220-25....405
RB220-63....405
RB2200-16....405
RB2200-25....405
RB2200-35....405
RB2200-50....405
RB2200-80....405
RB3.3-63....405
RB33-16....405
RB33-35....405
RB33-63....405
RB330-25....405
RB330-63....405
RB3300-25....405
RB4.7-160....405
RB4.7-25....405
RB4.7-350....405
RB47-16....405
RB47-25....405
RB47-63....405
RB470-16....405
RB470-25....405
RB470-35....405
RB470-63....405
RB4700-25....405
RB4700-50....406
RBC301....334
RBP10-100....406
RBP10-50....406
RBP100-50....406
RBP2.2-100....406
RBP2.2-50....406
RBP22-50....406
RBP3.3-100....406
RBP3.3-50....406
RBP4.7-50....406
RBP47-100....406
RBP47-50....406
RBP6.8-50....406
RBS52....46
RC001....472
RC2FR....472
RC3FR....472
RC5FR/4D....472
RC700....39
RCHDMI-10....260
RCHDMI-20....260
RCLCH....473
RCLPC52....276
RCLPC53....276
RCMHDMI3....259
RCPLD....473
RCR24WH....38
RCR5SW....38
RCR9....39
RCU4UECSAT....85
RD3480....413
RD6506....29
RDG60B....409
RDRM....193
RDT3-20....391
RE03....88
RE04....88
RE11....312
RE111....456
RE210....309
RE305....310
RE350....310
RE450....310
RE650....310
RECORDBOXE....79
RECWP1WH....339
REFU2A....343
REFU3A....343
REFU5A....343
REM44....91
REM88....93
RET202D....412
RET208A....412
REVBNWP....398
REVBNWPB....398
RF2400D....36
RF470BSS....191
RF470FWMS....191
RF550P....77
RF65....436
RF900....74
RF900BAT....78
RF900EP....78
RF900SP....78
RFIDCC-V2....238
RFIDPP....238
RFL10W....250
RFL10WBT....326
RFMX3....97
RFMX3IR....97
RFMX3IRST....97
RFP50DGCS....35
RG-CS6....106
RG-CS6B....106
RG-CS8....106
RG-CS8B....106
RG11QCKIT....287
RG11QDB-1M....287
RG11QDR-100M....258
RG11QR-1M....287
RG160-28/12....430
RG213DB-100M....286
RG213DB-1M....286
RG21S....303
RG58CU-100M....286
RG58CU-1M....286
RG58U-1M....286
RG59RGBTS-1MT....279
RG59U-100M....286
RG59U-1M....286
RG62-1M....287
RG6QB-30M....286
RG6QBB-1M....286
RG6QBR-100M....286
RG6QCKIT....287
RG6QDB-1M....287
RG6QDB-305M....287
RG6QDR-100M....287
RG6QDR-30M....287
RG6QUAD305M....286
RG6QW-100M....287
RG6QW-1M....287
RGB15P....250
RGB15PP....250
RGB15S....250
RGB15SS....250
RHINO5200KIT....469
RK-EC6....63
RK1B....222
RK6IW....63
RKEC8....63
RKH1....143
RLACC130....88
RLACC160....88
RLACC500....97
RLBT600....68
RLDM1102M....97
RLDM4000....97
RLDM8000....97
RLIR100....87
RLIR305....87
RLIR505....88
RLIR700....88
RLIR800....88
RLRF210....88
RLRF380....173
RLVS11....90
RM10WHPR....161
RM10WVPR....161
RM18-25....175
RM200M....156
RM300FR....143
RM6WHPR....161
RM820....85
RMA1006....142
RMA200....448
RMAT....193
RMCM1RU....161
RMCM2RU....161
RMF1....414
RMF1.2....414
RMF1.5....414
RMF1.8....414
RMF10....414
RMF100....414
RMF100K....414
RMF10K....414
RMF11....414
RMF110....414
RMF110K....414
RMF11K....414
RMF12....414
RMF120....414
RMF120K....414
RMF12K....414
RMF13....414
RMF130....414
RMF130K....414
RMF13K....414
RMF15....414
RMF150....414
RMF150K....414
RMF15K....414
RMF16....414
RMF160....414
RMF160K....414
RMF16K....414
RMF18....414
RMF180....414
RMF180K....414
RMF18K....414
RMF1K....414
RMF1K1....414
RMF1K2....414
RMF1K3....414
RMF1K5....414
RMF1K6....414
RMF1K8....414
RMF1M....414
RMF1M1....414
RMF1M2....414
RMF1M3....414
RMF1M4....414
RMF1M5....414
RMF1M8....414
RMF2.2....414
RMF2.7....414
RMF20....414
RMF200....414
RMF200K....414
RMF20K....414
RMF22....414
RMF220....414
RMF220K....414
RMF22K....414
RMF24....414
RMF240....414
RMF240K....414
RMF24K....414
RMF27....414
RMF270....414
RMF270K....414
RMF27K....414
RMF2K....414
RMF2K2....414
RMF2K4....414
RMF2K7....414
RMF2M....414
RMF3.3....414
RMF3.9....414
RMF30....414
RMF300....414
RMF300K....414
RMF30K....414
RMF33....414
RMF330....414
RMF330K....414
RMF33K....414
RMF36....414
RMF360....414
RMF360K....414
RMF36K....414
RMF39....414
RMF390....414
RMF390K....414
RMF39K....414
RMF3K....414
RMF3K3....414
RMF3K6....414
RMF3K9....414
RMF4.7....414
RMF43....414
RMF430....414
RMF430K....414
RMF43K....414
RMF47....414
RMF470....414
RMF470K....414
RMF47K....414
RMF4K3....414
RMF4K7....414
RMF5.6....414
RMF510....414
RMF510K....414
RMF51K....414
RMF56....414
RMF560....414
RMF560K....414
RMF56K....414
RMF5K1....414
RMF5K6....414
RMF62....414
RMF620....414
RMF620K....414
RMF62K....414
RMF68....414
RMF680....414
RMF680K....414
RMF68K....414
RMF6K2....414
RMF6K8....414
RMF75....414
RMF750....414
RMF750K....414
RMF75K....414
RMF7K5....414
RMF8.2....414
RMF82....414
RMF820....414
RMF820K....414
RMF82K....414
RMF8K2....414
RMF91....414
RMF910....414
RMF910K....414
RMF91K....414
RMF9K1....414
RMKMD....161
RMNBW....162
RMS600....161
RMS800....161
RN113A....410
RN118FR....410
RN303DB....28
RN303DS....28
RN602B....28
RN602S....28
RP127....292
RP1830....317
RP2000M....42
RP2000USB....43
RP32....292
RP64....292
RP7....436
RP95....292
RPBTD5EK....74
RPF50CR....245
RPHS34EK....76
RPHV41GU-W....76
RPHV41GUK....76
RPNJ300BEK....76
RPR-CF-00133....194
RPRCF00105....193
RPRCF00121....194
RPRCF00122....194
RPRCF00169....181
RR10....35
RR25....36
RR26....12
RR40BLK....37
RR40WAL....37
RS001....381
RS120-9....74
RS175....74
RS202B....29
RS202S....29
RS3B24....289
RS3B48....289
RS3B96....289
RS3G24....289
RS3G48....289
RS3G96....289
RS3T24....289
RS3T48....289
RS3T96....289
RS6GRANITE....59
RS6SANDSTONE....59
RSC40....219
RSM....321
RT1.25-3-100....427
RT1.25-3K-25....427
RT1.25-4-100....427
RT1.25-4K-25....427
RT1.25-5-100....427
RT1.25-5K-25....427
RT1.25-6-50....427
RT1.25-6K-25....427
RT1.25-8-50....427
RT10-63....405
RT100-63....405
RT1000-25....405
RT2-3-100....427
RT2-3K-20....427
RT2-4-100....427
RT2-4K-20....427
RT2-5-100....427
RT2-5K-20....427
RT2-6-50....427
RT2-6K-20....427
RT2-8-50....427
RT220-63....405
RT2200-35....405
RT470-63....405
RT8PK....428
RTU1.25-3-100....427
RTU1.25-4-100....427
RTU2-3-100....427
RTU2-4-100....427
RTU5.5-4-100....427
RU2001....138
RV1....115
RV120W....312
RV2....115
RWC1-EACH....429
RWE8C....106
RWF40R....245
RWSH105D....413
RWSH112D....413
RWSH124D....413
RX4508....28
RX5502....29
RX70AMP....105
RXA1080B....29
RXA2080B....29
RXA3080B....29
RXA780B....29
RXA880B....29
RXAS710B....30
RXD485....30
RXD50....34
RXD910....236
RXE110....343
RXE185....343
RXE250....343
RXS602....12
RXV1085....30
RXV2085....30
RXV385....30
RXV485....30
RXV585....30
RXV685....30
RY3DL....237
RYAC....237
RYES....207
RYIP44....235
RYPA....237
S08B....129
S08S....129
S1000DB....44
S10B....129
S10S....129
S11S....129
S12B....129
S12S....129
S1392....422
S14K250....420
S14K275....420
S171....220
S1W....338
S1WP....337
S20K275....420
S2W....338
S2WP....337
S315B....49
S315W....49
S325B....49
S325W....49
S3W....338
S4730....393
S474....192
S474B....192
S4W....338
S4WP....337
S5759....342
S5W....338

S610L 202
S610MB 202
S626HCS10DA 50
S6W 338
S732BL 438
S732CL 438
S732CLCT 438
S732WH 438
S8285 253
S8775 212
S8861B 13
S9080 253
S9143A 212
S9179A 210
SA162F 171
SA164F 171
SA25 136
SA30 136
SA350W 56
SA360W 56
SA500B 60
SA500W 60
SA600WM 56
SA800WM 56
SA850W 61
SABH1 65
SAC404 346
SAC607 346
SAC807 346
SAC860 61
SAL 185
SAM19NT 289
SAM224FSDP 171
SAM25NT 289
SAM2S 185
SAO 185
SAOD15 285
SASP1 128
SASS360 56
SASS366 56
SAT25S 170
SAT29D 170
SAT40S 170
SAT42D 170
SATA45 274
SATDIPLEXER 174
SATGM 179
SAU206 197
SB1 116
SB1756 327
SB1757 327
SB1774 325
SB2 449
SB3 449
SBC2105 333
SBC2106L 334
SBC7120 333
SBC8168 334
SBK12BK 290
SBK12NT 290
SBK3NT 290
SBK4Z 175
SBK6NT 290
SBK6Z 175
SBK8Z 175
SBS12 179
SBS13 179
SBS18 179
SBT200 99
SBX2GA 226
SBXDV30 237
SBXGTDMB 207
SC0.8MM 449
SC006 335
SC05 493
SC1.0MM 449
SC1.5MM 449
SC1002 278
SC1003 278
SC10AH 148
SC11HD-V2 96
SC12SP-V2 72
SC150 456
SC15AH 148
SC2M 94
SC30AH 148
SC4K2K 96
SC51D 96
SC51T 96
SC610 148
SC610M 148
SC615 148
SC615M 148
SC630 148
SC630M 148
SC782 246
SCANTENNA 193
SCATX 193
SCM125 121
SCPB 84
SCREENSHIFT 25
SCRR 84
SCWF 84
SD-25 47
SD100-100W 364
SD100-1010A 364
SD100-1010W 364
SD100-1500W 364
SD100-2000A 364
SD100-2000W 364
SD100-300W 364
SD100-500A 364
SD100-500W 364
SD100-50W 363
SD1004 424
SD1008 424
SD110-100W 364
SD110-1010W 364
SD110-2000W 364
SD110-2400W 364
SD110-250W 364
SD110-3500W 364
SD110-500W 364
SD110-50W 364
SD110-A100W 364
SD110-A1010W 364
SD110-A1500W 364
SD110-A2000W 364
SD110-A2400W 364
SD110-A300W 364
SD110-A500W 364
SD128ULTRA 296
SD16ULTRA 296
SD2302 463
SD2GB 296
SD32ULTRA 296
SD380 462
SD4BK 231
SD4WH 231
SD64ULTRA 296
SD6MX 463
SD700A 36
SDC2010 356
SDC210 356
SDC6203 356
SDF10 362
SDF2 362
SDF4 362
SDI2HDMI 95
SDI2SP 71
SDI4SP 71
SDJ90C1 178
SDP32 463
SDPB511 463
SDRJ45J 390
SDRJ45P 390
SE112GR 77
SE215CLBT1 77
SE315BK 77
SE315CL 77
SE4 177
SE7 177
SELFIEBL 134
SEN002 224
SF11024 306
SF110D-08HP 306
SF110D08 306
SF7E 149
SF7STV 149
SF7STX 149
SFP05MMLC 306
SFP10G10KSMLC 306
SFP10G300MMLC 306
SFP20SMLC 306
SFS1 177
SG-CS6 106
SG-CS8 106
SG11016 306
SG110D-05 306
SG110D08 306
SG11224 306
SG357 155
SG4 106
SG4C 106
SG4S 106
SG5000 432
SG7C 106
SG8C 106
SG9000 432
SGPEN12 432
SH990B 355
SHE1355BLU 77
SHE1355WH 77
SIDX3N 91
SIESTARISE 38
SIESTAS2G 38
SIR001 219
SIR004 219
SK1001 424
SK1065 424
SK1080 424
SK2500B 487
SK3000 439
SK3053 178
SK6000 486
SK7000 487
SK9000 486
SKKH72/12E 418
SKKT106/12E 418
SKKT72/12E 418
SKR24004 417
SKSGB 185
SKT110XHW-E24 19
SL2428P 308
SL3208 256
SL3238 249
SL3511 247
SL3512 240
SL3514 240
SL6 292
SL738DC 438
SL81G 410
SL81R 410
SLAPS-15 100
SLM224PTAU 306
SLR8SINGLE 57
SLT400 119
SLT510B 118
SLT910B 118
SM078 186
SM1001 421
SM11 96
SM1202 349
SM1203 349
SM1205 349
SM1210 349
SM1215 349
SM1225 349
SM1240 349
SM1250 349
SM1265 349
SM1503 349
SM1516 349
SM1540 349
SM166B/WHT 202
SM1810 349
SM1813B 349
SM1816F 350
SM1820B 349
SM1830 349
SM188IDC/WHT 202
SM2030 349
SM205 219
SM208 219
SM2406 349
SM2410 349
SM2420 349
SM2420B 349
SM2425 349
SM2440 349
SM2501 421
SM266B/IVY 203
SM288IDC/WHT 202
SM3501 421
SM366/WHT 203
SM366IDC/WHT 202
SM403 349
SM4501 421
SM5001 422
SM510 349
SM520 349
SM524 352
SM530 349
SM534BEU 353
SM534BUK 353
SM534U 352
SM534WEU 353
SM534WUK 353
SM540 349
SM568B 353
SM568W 353
SM58-LC 156
SM58S 156
SM620 349
SM86 156
SM905 349
SM917 349
SMB36 337
SMFIVE 60
SMGP06-60BG 133
SML050BLK 278
SML050BLU 278
SML050GRN 278
SML050RED 278
SML050YEL 278
SML100BLK 278
SML100BLU 278
SML100GRN 278
SML100RED 278
SML100VIO 278
SML100YEL 278
SMPD18C 353
SMS2212F 178
SMS38F 178
SMV10 349
SMX24B4P 164
SN120 223
SNA4 223
SNG181000 178
SOC12C 184
SOUND3400 128
SOUND3450 128
SOUND5201B 126
SOUND5201W 126
SOUND5203B 126
SOUND5203W 126
SOUND5313B 127
SOUND5313W 127
SP006 213
SP0751 423
SP100 448
SP1275FP 173
SP12AB 72
SP14V2 72
SP15D 440
SP1675FP 173
SP2001 422
SP2017 422
SP2032 422
SP25D 440
SP27 188
SP2F 173
SP3007 422
SP3017 423
SP3020 423
SP3532 422
SP3535 422
SP3549 422
SP3550 422
SP3565 422
SP3581 422
SP3584 422
SP3590 422
SP3600 422
SP3605 422
SP3620 422
SP3F 173
SP4040 422
SP4045 422
SP4065 423
SP4070 423
SP4075 423
SP4080 423
SP40D 440
SP4105 423
SP4130 423
SP4135 423
SP4140 423
SP4145 423
SP4F 173
SP6505 423
SP6510 423
SP6515 423
SP6520 423
SP6525 423
SP6530 423
SP6535 423
SP6F 173
SP8006 423
SP8025 423
SP8027 423
SP8039 423
SP80D 440
SP8F 173
SP929 442
SPA100VB 149
SPA100VW 149
SPA6550 423
SPA6555 423
SPA6560 423
SPA8230G 351
SPA8330B 351
SPB41B 347
SPB44 346
SPB81B 347
SPB8420 101
SPC5RX 72
SPF 213
SPG0927 99
SPG0940 99
SPG1001 99
SPG2301 99
SPG6555 99
SPG6617 99
SPG6630 99
SPINCLEAN 84
SPIPAD4 132
SPIPADA 132
SPK09 186
SPK200 224
SPK300 224
SPKB1 125
SPKB2 125
SPKB3 125
SPM2050 100
SPM2330 100
SPMK20 125
SPMK30 125
SPP1004 146
SPP1005 146
SPP1007 146
SPP1008 146
SPP1010 146
SPP1020 151
SPP1030 151
SPR54MVW 408
SPS2A 100
SPS4 100
SPS6 100
SPS8400G 350
SPS9400G 350
SPS9600G 351
SPS9602G 351
SPS9620 351
SPT01 348
SPW5002 100
SPW5015 100
SPW5028 100
SPW5047 100
SQ722 486
SR10 29
SR10N 449
SR2 219
SR2002 420
SR2026 420
SR2202 420
SR3 219
SR35 35
SR4401 420
SR4601 420
SR4635 420
SR4643 420
SR6001 424
SR6032 424
SR6048 424
SR6501 424
SR6512 424
SR6524 424
SR6536 424
SR6548 424
SR6560 424
SRH2L 150
SRH2S 150
SRH3L 150
SRH3S 150
SRH550DJ 75
SRH940 76
SRMS600 161
SRMS800 161
SRT4922B+ 21
SRT4922BREM 85
SRT4950E 21
SRT5434 21
SRT6500 22
SRT7014 22
SRTBT1R 33
SRTL721 179
SRTL801 179
SRTL802 179
SRTL804 179
SRTRB4K 26
SRW208 306
SRW224G4P 306
SS08 443
SS1001 424
SS1016 424
SS11B 443
SS1A 443
SS1B 443
SS2 443
SS20C 457
SS20CN 432
SS24V 100
SS26V 100
SS3 443
SS316/200 289
SS316/200HD 289
SS316/360 289
SS316/360HD 289
SS316/520 289
SS316/520HD 289
SS5-2 443
SS6A 443
SSB 439
SSD105P-24V 413
SSD256SP 298
SSE06 200
SSE45+1 200
SSE47+1 199
SSEP1 200
SSF1.5 337
SSF2.5 337
SSR.1-50 405
SSR.22-50 405
SSR.47-50 405
SSR100-16 405
SSR2.2-50 405
SSR22-25 405
SSR3.3-50 405
SSR4.7-50 405
SSR47-16 405
SST15 438
SSTPCAT6BL-1M 282
SSTPCAT6BL-305M 282
SSUEC 147
SSWS1.8 427
SSWS100 427
SSWS2.9 427
SSWS4.6 427
SSWS6.2 427
ST0594 421
ST1016 420
ST118 479
ST125B 496
ST137 494
ST172 494
ST173 493
ST2 418
ST2001 421
ST2032 421
ST2048 421
ST2065 421
ST2501 421
ST2532 421
ST2G 487
ST3115PP 173
ST3120PP 173
ST3210PP 173
ST3224PP 173
ST3267 471
ST3280 478
ST337 485
ST3501 420
ST45-10A 486
ST45-1MA 486
ST45-20V 486
ST45-30V 486
ST5066 421
ST6201 421
ST6401 421
ST6601 421
ST6901 421
ST6905 421
ST7201 421
ST7205 421
ST85A 493
ST8806H 494
ST8809A 496
ST8852 493
ST9927T 478
STADIUM12 145
STADIUM12A 145
STAND1 128
STAV24 127
STB10B 475
STB10G 475
STB10R 475
STB10Y 475
STB120B 475
STB120CL 475
STB120G 475
STB120R 475
STB120Y 475
STB18HD 21
STB240B 475
STB240CL 475
STB240G 475
STB240R 475
STB240Y 475
STB25B 475
STB25G 475
STB25R 475
STB25Y 475
STB5B 475
STB60B 475
STB60C 475
STB60G 475
STB60R 475
STB60Y 475
STHC12G 99
STHC24G 99
STST1-75772 473
STUDIO5B 60
STUDIO5W 60
STUDIO6B 60
STUDIO6W 60
STV2009 340
STV2010 340
STV2011 340
STV802 340
STYLUS01 84
SUB0200 102
SUB80 47
SUB8BK 48
SUM3-NUB4A 324
SUPA30 433
SV9100 167
SVX14CVL 154
SVX14P31 154
SVX1J9TX 154
SVX24PG58 154
SW10 41
SW2125H 464
SW21ABV2 90
SW3 242
SW41AB-V2 90
SW60D 446
SWAT2.4R 69
SWAT2.4X 89
SWKW16 89
SWNC1L 449
SWNC1S 449
SWNC2L 449
SWNC2S 449
SWNC3S 449
SWNC4L 449
SWNC4S 449
SWNC5L 449
SWNC5S 449
SWP 321
SWP 193
SYDNEE 353
SYM20W 359
SYTDGBR750 20
T0108 488
T06 463
T1 445
T1.2D 447
T100UWV1 18
T10210 453
T10310 453
T10520 454
T10610 453
T10610K 432
T1583 457
T1600G28TS 305
T1844B 123
T2 445
T2-10CASKB 134
T2-1M 281
T2.4D 447
T20 463
T2003171 238
T200B 146
T2084B 66
T2100 21
T2175 470
T2200 21
T2420 439
T2513MH 418
T2595 441
T2699A 440
T3 445
T3-10CASBL 133
T3-10CASBLK 133
T3-10CASKB 133
T3-7CASBL 133
T3-7CASBLK 133
T3-7CASKB 133
T3-8CASBLK 133
T3.2D 447
T3SPC5 389
T3SPC6 389
T4-1M 281
T4020 450
T51000 495
T5600 495
T5H51ACKIT 495
T6 445
T6-1M 281
T61000 495
T6600 495
T7 33
T700A 216
T8-1M 281
T92UWH 18
T9500050-T2001580 237
TA2 204
TA300 181
TAN.1-35 406
TAN.22-35 406
TAN.47-35 406
TAN1-35 406
TAN10-25 406
TAN10-35 406
TAN2.2-35 406
TAN22-25 406
TAN33-16 406
TAN4.7-35 406
TAN47-25 406
TAR3-replaced by RY-ES 237
TAVOR50BL 60
TAW1 106
TAW163RDBK 280
TB 447
TB185 178
TB897 178
TBA2004 428
TBA2008 428
TBA3004 428
TBA3008 428
TBAD10 229
TBAEG06 331
TBDEW5 331
TBHIT3 331
TBHIT4 331
TBL1301 429
TBL2001-EACH 429
TBL3350-EACH 429
TBL3353-EACH 429
TBL3517 429
TBL4001 429
TBL4017 429
TBL4049 429
TBL7002 428
TBL7003 428
TBL7004 428
TBL7005 428
TBL7008 428
TBL7010 428
TBL8002 428
TBL8003 428
TBMAK1 331
TBMAK2 331
TBOXR 36
TBPAS2 331
TBSE 229
TC-CON 389
TC-PRO 282
TC10AH 148
TC10M 229
TC15AH 148
TC2 448
TC201 444
TC201B 444
TC203 445
TC205 445
TC20G 229
TC20M 229
TC210 444
TC30AH 148
TC35AAA 251
TC369A 446
TC38AA 250
TC615 148
TC615M 148
TC631M 148
TC85 325
TCAIOCT 455
TCGP48 465
TCT-115 490
TCT1900BL 488
TCT1900BL76 488
TCT700PROBE 489
TCTRHCT 455
TD11 453
TD12HB 228
TD1884B 123
TD1HB 228
TD2084 123
TD2401B/IVY 202
TD2401MB/IVY 202
TD2451 471
TD2491 464
TD2497 464
TD24HB 228
TD3HB 228
TD6HB 228
TDA104 170
TDC10 484
TDW8960N 302
TDW9960 301
TDW9970 301
TDX0501000 349
TE3164B 66
TE84HW2 18
TEATRO10SW 48
TEATRO4C 47
TEATRO5R 46
TEATRO6F 44
TEATROPK 49
TEL5049 203
TEL5072 203
TERRATDT32KIT 170
TF02155T 360
TF06474 360
TH1-100B 411
TH1-100KB 411
TH1-10KB 411
TH1-1MB 411
TH1-20KB 411
TH1-2KB 411
TH1-500B 411
TH1-500KB 411
TH1-50KB 411
TH1-5KB 411
TH1606 441
TH1620 292
TH1764 468
TH1766 468
TH1769 468
TH1939 454
TH2203 178
TH650 148
TH65EX600A 14
TH65FZ950 14
TH660 148
THIN245 111
THIN245W 111
THIN505 111
THIN515 113
THIN545B 113
THIN545W 113
THIN546 113
THIN550B 113
THIN595 113
TIP-I 352
TIP-L 352
TIP-M 352
TIP-Q 352
TIP-R 352
TIP-S 352
TIP-T 352
TIP-U 352
TIP0.8 442
TIP1 442
TIP120 419
TIP121 419
TIP125 419
TIP126 419
TIP127 419
TIP2 442
TIP29C 418
TIP3 442
TIP3055 418
TIP30C 419
TIP31 418
TIP31C 418
TIP32 419
TIP32C 419
TIP41C 418
TITAN HESTIA 59
TITAN THEIA 46
TK160 427

TK2 ... 218
TK30B ... 223
TK30R ... 223
TK30Y ... 223
TKR10-400 ... 406
TKR100-400 ... 406
TKR2.2-400 ... 406
TKR22-400 ... 406
TKR220-400 ... 406
TKR3.3-400 ... 406
TKR4.7-400 ... 406
TKR47-400 ... 406
TL1-100KB ... 411
TL1-1MB ... 411
TL1-20KB ... 411
TL1-2KB ... 411
TL1-500B ... 411
TL1-500KB ... 411
TL1-50KB ... 411
TL1-5KB ... 411
TL75 ... 484
TL80A ... 483
TLB ... 447
TLBV5380 ... 408
TLHG0400 ... 408
TLHR0400 ... 408
TLHY0400 ... 408
TLM5350 ... 302
TLMC200CM ... 304
TLMC210CS ... 304
TLMR3020 ... 303
TLMR3420 ... 302
TLMR6400 ... 302
TLPOE10R ... 306
TLPOE150S ... 306
TLPOE200 ... 306
TLPS310U ... 318
TLSF1005D ... 304
TLSF1008D ... 304
TLSF1008P ... 306
TLSF1016D ... 304
TLSF1016DS ... 304
TLSF1024 ... 304
TLSG1005D ... 305
TLSG1008D ... 305
TLSG1008P ... 307
TLSG1008PE ... 306
TLSG1016 ... 305
TLSG1024 ... 305
TLSG1048 ... 305
TLSG116 ... 294
TLSG3424P ... 306
TLWA901ND ... 311
TLWN727N ... 313
TLWN821N ... 313
TLWR1043N ... 302
TLWR902AC ... 302
TLWR940N ... 302
TLWR941HP ... 303
TM705 ... 205
TM707 ... 205
TMM1000 ... 130
TMM107 ... 130
TMM115 ... 130
TMM125 ... 130
TMM135 ... 130
TMM300 ... 130
TMS1010 ... 130
TMS1020 ... 130
TMS1030 ... 130
TMS1050 ... 130
TMS304 ... 130
TP1001 ... 424
TP1002 ... 424
TP1004 ... 424
TP1901 ... 424
TP1931 ... 424
TP1932 ... 424
TP1933 ... 424
TP1934 ... 424
TP1935 ... 424
TP1938 ... 424
TP2814 ... 424
TP2815 ... 424
TP5 ... 496
TP58WH ... 199
TP5WH ... 198
TP8 (TP7) ... 34
TPAK ... 483
TR001B ... 204
TR1248 ... 62
TREMOR-X108 ... 40
TRIM1.5TO5PF ... 406
TRIM5.2TO30PF ... 406
TRIM6.8TO45PF ... 406
TRUBAND-VHF4G ... 166
TRUBANDMETRO ... 164
TRUBANDMETRO+ ... 164
TRUCKERBL ... 195
TRUCKERWH ... 195
TRUMAX36-4G ... 164
TS1115 ... 441
TS1185 ... 429
TS1205 ... 429
TS1235 ... 429
TS14X212 ... 496
TS14X3 ... 496
TS14X4 ... 496
TS2.10 ... 49
TS25D ... 488
TS38X212 ... 496
TS38X4 ... 496
TS52PRO ... 488
TS5POE ... 307
TS8PRO ... 307
TSA6966S ... 40
TSF2851 ... 164
TSG1020F ... 40
TSG1320F ... 40
TSG1620F ... 40
TSI300 ... 362
TSI600 ... 362
TSI600RC ... 363
TSKIT ... 490
TSM4M ... 264
TSM6M ... 264
TSM8M ... 264
TSP2851 ... 165
TSS200 ... 492
TSXB235DWHI ... 39
TTA111VGAR-4 ... 103
TTN503B ... 12
TTP111A-K ... 102
TTP111AV-K ... 103
TTP111VP3 ... 212
TTP414V ... 212
TTS303B ... 12
TU631 ... 148
TU631M ... 148
TV611JENSEN ... 167
TV931JENSEN ... 167
TVB2 ... 50
TVFPW ... 396
TVFW ... 395
TX3100DP ... 182
TX3100PNP ... 182
TX3100VP ... 182
TX3120S ... 182
TX3120SPNP ... 182
TX3350 ... 183
TX3350UVP ... 183
TX3500S ... 182
TX3500SVP ... 182
TX3510S ... 182
TX4500S ... 181
TX4500WS ... 181
TX6160 ... 183
TX6160TP ... 183
TX6160X ... 183
TX6500S ... 183
TX667 ... 183
TX667TP ... 183
TX677 ... 183
TX677OP ... 183
TX677TP ... 183
TYN1008RG ... 418
U4DBT ... 36
U50G9 ... 13
U75G11 ... 14
UAP-AC-HD ... 312
UAP-AC-IW ... 311
UAP-AC-IW-5 ... 311
UAP-AC-LITE ... 311
UAP-AC-LITE5 ... 311
UAP-AC-LR ... 311
UAP-AC-LR5 ... 311
UAP-AC-M ... 311
UAP-AC-M-PRO ... 311
UAP-AC-PRO ... 311
UAP-AC-PRO5 ... 311
UB1 ... 150
UB101 ... 153
UB12 ... 153
UB1W ... 150
UB2 ... 150
UB2W ... 150
UB4 ... 176
UB5 ... 176
UB8H ... 140
UB8P ... 140
UBC355XLT ... 189
UBCD436PT ... 189
UBCD536PT ... 189
UBDK8500XY ... 23
UC-CK ... 312
UC27HCR ... 294
UC27HDM ... 294
UC3003 ... 413
UCD01 ... 319
UCDP2 ... 319
UCH31 ... 318
UCKA31W ... 353
UCTH ... 319
UDL01 ... 354
UDP20X ... 96
UE1P ... 258
UE2P ... 294
UG35D6 ... 95
UG39DH1 ... 95
UH101 ... 153
UH1042P ... 353
UH284 ... 318
UH3233AT ... 294
UHF101 ... 153
UHF203E ... 153
UHF401 ... 153
UL4 ... 314
ULM202USB ... 151
ULM300USB ... 151
ULPCX ... 114
ULTIMAX18 ... 164
UM401 ... 153
UMC-1 ... 129
UNA4PRX7BLK-1MT ... 281
UP2 ... 79
UPH110K ... 318
UPRS2 ... 320
UPRS3 ... 320
UR1004SW ... 345
UR1004T ... 345
UR1005RU ... 323
UR1006HDU ... 323
UR1006SU ... 348
UR115/5RU ... 323
UR200FL20GB ... 249
UR200FL20WS1 ... 250
UR232 ... 272
UR24010T ... 277
UR24015T ... 277
UR24025R ... 277
UR24025T ... 277
UR2402Y ... 277
UR24030T ... 277
UR2405T ... 277
UR240RCD ... 277
UR25010RV ... 278
UR25015RV ... 278
UR25020RV ... 278
URC1669 ... 85
US-16-150W ... 307
US-24 ... 305
US-24-250W ... 307
US-48-500W ... 307
US-8-150W ... 307
US-8-60W ... 307
US224 ... 315
US424 ... 315
USA-BOARD-5 ... 345
USB-C202 ... 355
USB-DB25 ... 271
USB-RS232 ... 271
USB04 ... 340
USB2X2AU ... 340
USB2X2EU ... 340
USB2X2UK ... 340
USB2X2US ... 340
USB3HDMI ... 94
USBC480 ... 355
USBCAT100 ... 270
USBCAT50 ... 270
USBC0B ... 251
USBM13HUB ... 319
USBM43HUB ... 318
USBMCR01 ... 298
USBMCR168 ... 299
USBTR08 ... 42
USBTR128 ... 42
USBTR68 ... 42
USBTR88 ... 42
USBTR98 ... 42
USG ... 305
UT108 ... 188
UT120B ... 479
UT139B ... 479
UT139C ... 479
UT16N ... 152
UT181A ... 480
UT202 ... 484
UT33A ... 479
UT33D ... 480
UT391 ... 460
UT601 ... 480
UT60E ... 479
UTC01 ... 320
UTC02 ... 320
UTD2025CL ... 486
UTD2102CEX ... 486
UTL16 ... 484
UVC-G3-AF ... 208
UVC-G3-AF-5 ... 208
UVC-G3-DOME ... 208
UVC-G3-DOME-5 ... 208
UVC-G3-MICRO ... 208
UVC-G3-PRO ... 208
UVC-NVR-2TB ... 217
UVV1M ... 267
UVV2M ... 267
UWA-S ... 89
UWA-SB ... 89
V-MBSPDU-R ... 359
V-MBSPDU-T ... 359
V-WHT-1/2 ... 469
V-WHT-3/4 ... 469
V-WHT-3/8 ... 469
V1 ... 178
V30 ... 56
V30P ... 56
V364G ... 166
V620P ... 408
VAE318-017 ... 219
VB100 ... 70
VBD-5P ... 295
VC01-4 ... 213
VC2S ... 363
VC4S ... 363
VC6M ... 228
VCDR-100 ... 295
VCDR-10P ... 295
VCDR-50 ... 295
VCDR-50P ... 295
VCDRA-5 ... 295
VCDRW-5 ... 295
VCDRW-5US ... 295
VCK ... 228
VCL100B ... 121
VCL200B ... 121
VCL600B ... 121
VCP600BK ... 120
VCS100K ... 101
VCT19-25MT ... 290
VCT25-25MT ... 290
VD02-4 ... 103
VDVD+R100P ... 295
VDVD+R50P ... 295
VDVD+RW5 ... 295
VDVD-R100P ... 295
VDVD-R5 ... 295
VDVD-R50P ... 295
VE01P ... 103
VE066 ... 212
VE2812EUT ... 65
VE809 ... 89
VE819 ... 65
VE829 ... 89
VE849 ... 89
VERAEDGE ... 320
VERAPLUS ... 320
VF2LED ... 495
VGA2RCA ... 94
VGTX ... 69
VH03 ... 94
VH04 ... 94
VIB500 ... 223
VKFB ... 320
VLA2010 ... 128
VLA4020B ... 128
VLB200 ... 126
VLB500B ... 126
VLB500S ... 126
VLC101B ... 117
VLC110 ... 116
VLC1B2 ... 110
VLC202B ... 117
VLC220B ... 116
VLC303B ... 117
VLF320 ... 66
VLF515 ... 110
VLF613B2 ... 110
VLF628 ... 110
VLL61B2 ... 109
VLM2200B ... 116
VLM3300B ... 117
VLM4600B ... 116
VLT6B2 ... 111
VM0404H ... 93
VMAX100XWV2 ... 18
VMAX110XWH2 ... 18
VMAX120XWH2 ... 18
VMAX120WX2 ... 18
VMAX150UWH2 ... 18
VMAX150WX2 ... 18
VMAX180WX2 ... 18
VMAX92XWH2 ... 18
VMF70B ... 117
VMPR1B ... 123
VMT140B ... 116
VOC1CH ... 214
VOICEDOCK ... 66
VOSM04 ... 129
VP10 ... 35
VPAB45 ... 213
VPB1 ... 176
VPB45HD ... 214
VPB45PCDHD ... 214
VPBPP ... 213
VPF80B ... 108
VPM100 ... 124
VPM300W ... 125
VPM500W ... 125
VPPB45HD ... 215
VPPBPP ... 214
VPT150B ... 117
VR43 ... 225
VR62 ... 225
VS0116 ... 315
VS1L ... 186
VS211HA ... 90
VS2208PRO+ ... 216
VS291 ... 314
VS491 ... 314
VS881 ... 315
VS88A ... 70
VS92A ... 315
VS94A ... 315
VS98A ... 315
VSB100B ... 129
VSB53 ... 176
VSC25 ... 296
VSF415B2 ... 110
VSP01 ... 213
VST711B ... 127
VT624 ... 495
VTM5 ... 130
VUPLEX200G ... 435
VUPLEX375G ... 435
VUPLEX50G ... 435
VXC4W ... 147
VXC6B ... 147
VXC6W ... 147
VXC8W ... 147
VXS5 ... 150
VXS5W ... 150
VXS8 ... 150
VXS8W ... 150
W100D ... 440
W60D ... 440
W7T ... 462
W875SG ... 241
WA380/UB8H ... 140
WA380/UB8P ... 140
WA850RE ... 310
WAL75G ... 245
WALL2225B ... 113
WALL2250 ... 114
WALL2325B ... 113
WALL2450 ... 114
WALL3145B(2145B) ... 114
WALL3145W ... 114
WALL3245B ... 113
WALL3305B ... 114
WALL3325B ... 113
WALL3345B ... 114
WALL3345W ... 114
WALL3350B ... 114
WAP10R ... 141
WB150200 ... 144
WB350I ... 144
WB45DW ... 366
WB45SB ... 366
WB45SW ... 366
WB50FG ... 401
WB50SB ... 402
WB50SW ... 402
WB60BLK ... 62
WB60GRN ... 62
WBHPI5U ... 144
WC414 ... 215
WC7682 ... 272
WC7930 ... 65
WC7932 ... 65
WC7950 ... 65
WCB3 ... 129
WCS01 ... 205
WD1 ... 26
WD1000 ... 441
WD10EFRX ... 298
WD10EZEX ... 297
WD10PURZ ... 297
WD10SPZX ... 297
WD20EFRX ... 298
WD20EZRZ ... 297
WD20PURZ ... 297
WD30EFRX ... 298
WD30EZRZ ... 297
WD30PURZ ... 297
WD40EFRX ... 298
WD40EZRZ ... 297
WD40PURZ ... 297
WD5000LPCX ... 297
WD60PURZ ... 297
WD81PURZ ... 297
WDA-M ... 217
WDA-RC ... 221
WDP2T ... 298
WES51D ... 440
WESD51DAU ... 441
WEZSNIP ... 462
WFR27C ... 39
WFT3D ... 41
WH5584 ... 290
WH5588 ... 290
WH5654 ... 290
WH5656 ... 290
WHC0150 ... 445
WHC55 ... 445
WHDMI24 ... 89
WHK30AU ... 439
WJ1512ZC ... 413
WJ1522ZA ... 413
WJ1524ZB ... 413
WKAR2 ... 432
WKF1 ... 461
WL300R ... 250
WL5082R ... 455
WL6249 ... 291
WLI18B ... 394
WLI18W ... 394
WM12 ... 240
WM5225F01 ... 152
WM5270 ... 152
WM5325A ... 152
WM5325H ... 152
WM5325M ... 152
WM5420 ... 152
WM809 ... 212
WMI18B ... 395
WMI18W ... 395
WMPSET ... 450
WMS40MINIDUALHT ... 153
WMS40MINIDUALHTPT ... 153
WMZ ... 176
WP04 ... 396
WP10 ... 398
WP164B\IVY ... 203
WP20 ... 398
WP30 ... 398
WP70S ... 445
WP71T ... 445
WP72M ... 445
WP80 ... 450
WP80SET ... 450
WPA2 ... 442
WPA4220 ... 309
WPA4220KIT ... 309
WPA7510KIT ... 309
WPA8630P ... 294
WPA8630PKIT ... 309
WPB1 ... 125
WPS1.25K-6 ... 425
WPS2K-6 ... 425
WPS5.5K-6 ... 425
WPT01 ... 445
WPT02 ... 445
WPT03 ... 445
WPT1 ... 446
WPT10 ... 446
WPT11 ... 446
WPT12 ... 446
WPT2 ... 446
WPT3 ... 446
WPT4 ... 446
WPT5 ... 446
WPT6 ... 446
WPT7 ... 446
WPT8 ... 446
WPT9 ... 446
WR1238 ... 160
WR15BT ... 38
WS5225F01AS ... 151
WS5225H01AS ... 136
WS5325H ... 151
WS5325M ... 151
WS852 ... 34
WS853 ... 34
WSB11 ... 51
WSBK18 ... 461
WSC01 ... 421
WSC02 ... 421
WSD151 ... 440
WSSA1B2 ... 127
WSSA1W2 ... 127
WSTA6 ... 442
WSTV1-B2 ... 122
WSTV1-W2 ... 122
WSWM21B ... 126
WSWM21W ... 126
WSWMKIT ... 126
WT4820 ... 152
WT4820CH2F01 ... 152
WT5800 ... 152
WT5810 ... 152
WTA50SET ... 450
WTU4800 ... 142
WTU811 ... 140
WV7301 ... 167
WXA50 ... 27
WXAD10 ... 27
WXC50 ... 27
X03255 ... 279
X03262 ... 278
X03272 ... 279
X05003 ... 265
X05101 ... 264
X05125 ... 265
X05135 ... 266
X051620 ... 262
X05215 ... 262
X05225 ... 265
X05235 ... 266
X05261 ... 267
X05285 ... 260
X05295 ... 261
X05420 ... 262
X05425 ... 265
X05460 ... 267
X05812 ... 265
X05820 ... 262
X05845 ... 267
X06511 ... 368
X06522 ... 370
X06523 ... 371
X07125 ... 265
X07135 ... 266
X07534 ... 370
X07541 ... 172
X07542 ... 173
X07812 ... 266
X07883C ... 260
X081730 ... 284
X081731 ... 284
X09115 ... 262
X09183C ... 258
X201B ... 47
X201W ... 47
X301B ... 47
X301W ... 47
X3308I ... 447
X4200 ... 247
X4201 ... 247
X86I ... 68
XC0103 ... 251
XC0117 ... 334
XC0225 ... 241
XC0230 ... 240
XC4906 ... 93
XC5208 ... 33
XCDIB ... 23
XDAAMP5400RK ... 11
XDAQS5400RK ... 11
XDECT8315 ... 199
XDECT8315+1 ... 199
XDECT8355+2 ... 199
XDECTR003BT ... 200
XDECTR055+2 ... 199
XG884 ... 195
XGS5008 ... 305
XHR1225AA ... 148
XHR610AA ... 148
XHR815AA ... 148
XIA100B ... 26
XIA150B ... 27
XIA30B ... 26
XIA50B ... 26
XJ1000FR ... 31
XJ300ST ... 31
XJ700R ... 31
XK1 ... 68
XKK1001B ... 407
XKK1001R ... 407
XLN609 ... 252
XMP44 ... 159
XMS402BLK ... 278
XMS402RED ... 278
XMV4140 ... 139
XMV8140 ... 139
XOIB ... 68
XP3060 ... 159
XPS482BLK ... 278
XPS482RED ... 278
XRS330C ... 181
XRS330CP ... 182
XRS330CTP ... 181
XRS370C ... 182
XT019F ... 250
XT038 ... 463
XT041C ... 250
XT044 ... 252
XT057 ... 251
XTDB ... 41
XTP013 ... 240
Y2165B ... 134
Y3076 ... 134
Y3FMA ... 166
YA10T1 ... 336
YA10T3 ... 336
YA10W ... 336
YAGI-WIDEBAND ... 196
YAS108B ... 50
YAS207 ... 50
YAS408B ... 50
YC10T1L2 ... 336
YE20T1L2 ... 336
YL10W ... 336
YL2F10T1 ... 336
YMS4080B ... 51
YOYOLDG ... 32
YOYOLLG ... 32
YOYOMBL ... 32
YOYOMDG ... 32
YOYOMLG ... 32
YOYOSBL ... 32
YOYOSDG ... 32
YOYOSLG ... 32
YOYOST ... 32
YS2811 ... 243
YS2840 ... 243
YS5544 ... 252
YS62 ... 126
YSP1600BMK2 ... 50
YSP2700 ... 50
YSP5600BSWMK2 ... 50
YT01 ... 466
YW4500 ... 152
Z834 ... 25
ZA10B6 ... 331
ZA13B6 ... 331
ZA312B6 ... 331
ZA675B6 ... 331
ZAPCAP ... 338
ZC10PK ... 99
ZCU2 ... 19
ZCU3 ... 19
ZCU4 ... 19
ZD10CB ... 448
ZD10MB ... 466
ZD10W ... 448
ZD11E ... 466
ZD1601A ... 447
ZD1601B ... 447
ZD1613A ... 447
ZD1613B ... 447
ZD1623A ... 447
ZD1623B ... 447
ZD1624A ... 447
ZD1624B ... 447
ZD1625A ... 447
ZD1625B ... 447
ZD1801 ... 449
ZD1802 ... 449
ZD1803 ... 449
ZD1804 ... 449
ZD1805 ... 449
ZD193 ... 449
ZD20U ... 440
ZD20UT ... 443
ZD401-30 ... 439
ZD415 ... 443
ZD415H ... 443
ZD418 ... 443
ZD418HEATER ... 443
ZD552 ... 443
ZD552H ... 443
ZD6C ... 457
ZD709-80 ... 439
ZD709TIP1 ... 442
ZD709TIP2 ... 442
ZD709TIP3 ... 442
ZD8916ESD ... 441
ZD917 ... 441
ZD929C ... 440
ZD99 ... 441
ZD99TIP1 ... 443
ZD99TIP2 ... 443
ZD99TIP3 ... 443
ZD99TIP4 ... 443
ZEPPELINWIRELESS ... 32
ZIG-HAVEX ... 104
ZM9024 ... 359
ZONEDOUT ... 142
ZPR2820 ... 158
ZPR4620 ... 158
ZRM4 ... 158
ZSPEYE&12V ... 19
ZWGDBLSW ... 321
ZWGDM ... 321
ZWLKL ... 321
ZWLKR ... 321
ZZ8950 ... 235
BC157S ... 187
DB40 ... 177
DB65 ... 177
DB85 ... 177
DCMOS01 ... 210
H5 ... 483
HEX70ED-KIT-V2 ... 105
HTM62S2-RC ... 46
LIVESTAGE5400 ... 32
MAGICCASE10 ... 132
MAGICCASE8 ... 132
MVL106 ... 279
NLKIP8 ... 132
PRO-X158 ... 41
PSU12 ... 323
RLACC140 ... 85
SRH1440 ... 75
ST9030 ... 496
TP920 ... 483
X03472 ... 279
X051683 ... 260
X05475 ... 278
X07480 ... 260
X081729 ... 284
X09225 ... 265
X09480 ... 260
X09483C ... 258

00161020 197
00162053 196
00162813 196
00162820 196
00162824 196
00163200 196
00163621 196
00164032 196
00164096 196
00164118 196
00164120 196
00164125 197
00164130 197
00164135 197
00167068 197
00169092 197
00169093 197
00169110 197
00201510 197
00202005 197
00202030 197
00202401 197
00203001 197
00203401 197
00240890 189
00240901 189
00240906 189
00240907 189
00240909 189
00240910 189
00240912 190
00240913 190
00240915 190
00240917 190
00240918 190
00240920 190
00240921 190
00240923 181
00240924 190
00240927 190
00240930 190
00240933 190
00240937 190
00241214 191
00241219 191
00241328 191
00241332 191
00241360 191
00241361 191
00241363 191
00241375 191
00241376 191
00241386 191
00241394 191
00241395 191
00241397 191
00241400 191
00241405 192
00241408 192
00241430 192
00241500 192
00241502 192
00241600 192
00241605 192
00241606 192
00241610 192
00241615 192
00280930 193
00280934 193
00280938 193
00280946 193
00360500 192
00361265 192
00361301 192
00361648 193
00361651 193
00361656 193
00361901 193
00401801 193
00401812 193
00402001 193
00421530 193
00421542 194
00421546 194
00421548 194
00421554 181
00421590 194
00421595 194
00421598 194
00421602 194
00421802 194
00421812 194
00421818 194
00421820 195
00421823 198
00421824 195
00421826 195
00421830 195
00421832 195
00421833 195
00421834 195
00421840 195
00421842 195
00421844 198
00421845 198
00421846 198
00421847 198
00421852 195
00421856 195
00421858 195
00421860 195
00421866 195
00421872 196
00421878 196
00441005 39
00441010 39
00441020 39
00441023 39
00441025 40
00441030 40
00442056 166
00442060 166
00460005 312
00460020 313
00460023 313
00460030 313
00460095 313
00460100 313
00460110 313
00460120 313
00460320 70
00605015 167
00605020 167
00605022 167
00605028 167
00605030 167
00620010 167
00620030 167
00620040 167
00643400 165
00643727 166
00643780 167
00643785 167
00681262 166
00681505 166
00720198 164
00720200 164
00720485 164
00720486 164
00720610 164
00720614 165
00720786 165
00720830 165
00727009 164
00727052 166
00727055 166
00727272 166
00727310 165
00727350 165
00727363 164
00727365 165
00727368 165
00727370 165
00727615 164
00727630 164
00760002 170
00760010 169
00760015 170
00760020 169
00760022 170
00760030 170
00760061 170
00760066 170
00760100 168
00760104 168
00760145 170
00760150 168
00760152 168
00760440 169
00760442 169
00760444 168
00760458 168
00760500 170
00760505 171
00760510 170
00760580 171
00760586 171
00760594 170
00760596 170
00760602 170
00760642 170
00760643 170
00760644 170
00760645 170
00760647 170
00760648 170
00760649 70
00760650 71
00760652 71
00760656 71
00760683 171
00760688 171
00760710 97
00760712 97
00760720 171
00760730 171
00760736 171
00760745 171
00760747 171
00760750 171
00760752 171
00760755 171
00760760 171
00760770 171
00760785 169
00760803 168
00760805 168
00760806 168
00760890 168
00760953 169
00760954 169
00760955 169
00760956 169
00760958 169
00760969 168
00760970 168
00760971 168
00760972 168
00760974 168
00760981 169
00760982 169
00760984 169
00761300 171
00761302 171
00761303 171
00761304 171
00761306 171
00761307 171
00761308 171
00761309 171
00761310 171
00761312 171
00761320 172
00761322 172
00761324 172
00761326 172
00761328 172
00761330 172
00761355 172
00761357 172
00761359 172
00761361 172
00761364 172
00761366 172
00761372 172
00761374 172
00761376 172
00761380 172
00761390 172
00761392 172
00761394 172
00761396 172
00761406 393
00761460 178
00761500 178
00761545 178
00761550 179
00763015 172
00763048 172
00763088 172
00763330 174
00763335 174
00763349 174
00763354 174
00771070 278
00771080 278
00771090 278
00771100 278
00771110 278
00771120 278
00771130 278
00771140 278
00771150 278
00771160 278
00771170 278
00771200 279
00771210 279
00771220 279
00771230 279
00771240 279
00771250 279
00771260 279
00771330 279
00771340 279
00771350 279
00771360 279
00771364 279
00771460 278
00771492 278
00771495 279
00771610 278
00771675 278
00771860 279
00771880 279
00773010 279
00773020 279
00773030 279
00773040 279
00773050 279
00773060 279
00773070 279
00842055 172
00842065 172
00845144 172
00845240 172
00845242 172
00845260 173
00845270 173
00845272 173
00845350 173
00845354 173
00845358 173
00845360 173
00845362 173
00845399 167
00845403 173
00845406 173
00845409 173
00845415 173
00845434 173
00845435 173
00845436 173
00845437 173
00845438 173
00845444 173
00845446 173
00845460 173
00845503 173
00845504 173
00845512 173
00845514 173
00845518 173
00845602 174
00845603 174
00845604 174
00845606 174
00845608 174
00845612 174
00845614 174
00845644 174
00845646 174
00845648 174
00845650 174
00845652 174
00845654 174
00901176 176
00901197 176
00901200 176
00901210 177
00901344 177
00901432 177
00901440 177
00901450 177
00901460 177
00901512 177
00901528 177
00901745 177
00901750 177
00901755 177
00901760 177
00901765 177
00901770 177
00901776 177
00901781 177
00901792 177
00901880 177
00902208 177
00902400 174
00902408 174
00902424 174
00902440 174
00902456 174
00902472 174
00902488 174
00902504 174
00902510 177
00902511 177
00902512 177
00902515 177
00902516 175
00902520 175
00902525 174
00902527 175
00902552 177
00902712 175
00902728 175
00902750 175
00902752 175
00902765 175
00902792 175
00902808 175
00902812 175
00902814 175
00902818 175
00902820 175
00902821 175
00902822 175
00902825 175
00902827 175
00902838 176
00902840 176
00902846 176
00902852 176
00902853 176
00902855 176
00902872 176
00902882 176
00902888 176
00902994 177
00902996 176
00903000 176
00903001 176
00903005 176
00903500 177
00903816 178
00904216 178
00904256 178
00904260 178
00904270 107
00904501 178
00905010 179
00905990 179
00906000 179
00906002 179
00906005 179
00906010 179
00906012 179
00906013 179
00906020 179
00906022 178
00906023 178
00906025 176
01000827 85
01000829 21
01000842 21
01000845 21
01000848 21
01000854 21
01000855 21
01000862 85
01001015 22
01001042 178
01001044 178
01001080 178
01001107 178
01001118 179
01002010 179
01002024 179
01002026 179
01002028 179
01002034 179
01002048 179
01002050 179
01261410 224
01262518 224
01264540 219
01264567 219
01264578 219
01264600 219
01301026 221
01301035 217
01301066 217
01301075 217
01301085 217
01301140 207
01301242 221
01301248 221
01301600 221
01301604 221
01301606 220
01301608 221
01301611 221
01301612 222
01301614 222
01301617 222
01301619 222
01301620 222
01301621 222
01301623 222
01301628 217
01301630 217
01301631 217
01301632 217
01301633 222
01301634 217
01301636 218
01301646 217
01301647 222
01301656 224
01301657 224
01301658 224
01301664 224
01301665 224
01301666 224
01301680 217
01301720 235
01301745 235
01302197 224
01302200 224
01302205 224
01302206 225
01302210 225
01302212 225
01302214 225
01302215 225
01302220 225
01302225 225
01302230 225
01302235 225
01302240 225
01302245 225
01302256 225
01302260 225
01302340 238
01302345 238
01302350 238
01302540 235
01302542 235
01303486 218
01303490 218
01303533 218
01303540 218
01303541 218
01303546 222
01303552 218
01303554 218
01303558 218
01303559 222
01303570 218
01303685 218
01304520 222
01304702 222
01304703 223
01304704 223
01304901 223
01305505 218
01305507 219
01305508 219
01305510 219
01305517 219
01305524 219
01305533 219
01305537 219
01305540 219
01305549 219
01305550 219
01305555 219
01305560 219
01306005 223
01306008 207
01306013 220
01306018 220
01306020 221
01306022 221
01306025 221
01306030 221
01306035 223
01306040 221
01306045 221
01306501 223
01306505 223
01306509 223
01307001 219
01307005 220
01307007 220
01307012 220
01307014 220
01307022 220
01307034 220
01307050 220
01307055 220
01307057 220
01307515 223
01307520 223
01307548 223
01307554 223
01307555 223
01307560 224
01308066 223
01450985 142
01450990 158
01451116 141
01451125 141
01451127 141
01451128 141
01451340 136
01451345 136
01451360 158
01451363 138
01451365 138
01451370 158
01451375 158
01452930 140
01452935 140
01452940 140
01453035 142
01453047 140
01453049 140
01453051 140
01453053 142
01453054 142
01453055 142
01453060 140
01453080 140
01453088 140
01453098 140
01453102 142
01453106 142
01453108 142
01453109 142
01453115 140
01453120 140
01453122 140
01453124 140
01453126 140
01453131 141
01453250 141
01453270 142
01453300 141
01453320 141
01453340 141
01453352 159
01453353 160
01453355 160
01453358 158
01453362 158
01453370 136
01453380 136
01453395 138
01453400 138
01453405 138
01453410 138
01453415 138
01453416 138
01453418 139
01453420 139
01453425 26
01454080 136
01454121 26
01454132 139
01454135 139
01454137 139
01454139 139
01454180 139
01454185 139
01454790 158
01454804 159
01454912 159
01454930 159
01454986 159
01454988 159
01455018 159
01455030 136
01455055 136
01455090 136
01455095 136
01455100 136
01455105 137
01455110 137
01455115 142
01455130 139
01455135 139
01456003 141
01456005 141
01456012 142
01458014 137
01458016 137
01458018 137
01458019 137
01458020 137
01458025 137
01458027 137
01458029 139
01458080 137
01458083 137
01458090 137
01458095 137
01458113 137
01458118 137
01458120 139
01458127 137
01458129 142
01458150 141
01458155 141
01458160 141
01458180 160
01458191 142
01458225 66
01458227 66
01458228 65
01458229 66
01458232 142
01458235 143
01458255 143
01458265 159
01458270 159
01458285 143
01458286 78
01458292 67
01458295 67
01458298 67
01458301 67
01458303 67
01458306 78
01458307 67
01458308 78
01458312 67
01458314 67
01458316 67
01458355 143
01458360 143
01458365 143
01458366 143
01458370 143
01458375 143
01458378 143
01458385 143
01458390 143
01458400 136
01458940 138
01459200 137
01459420 137
01459423 137
01459425 139
01459430 143
01459470 138
01459480 138
01459485 138
01459490 139
01459494 139
01610750 26
01610754 26
01610758 26
01610761 27
01610770 68
01610775 68
01611055 78
01611090 27
01611096 27
01611099 27
01611187 11
01611189 11
01611191 29
01611192 12
01611198 12
01611203 29
01611205 29
01614693 28
01614694 28
01614695 28
01614696 28
01614710 27
01614720 27
01614724 27
01614730 11
01614735 11
01614769 28
01614770 29
01614775 27
01614868 29
01618409 27
01618411 27
01618413 27
01618414 27
01618417 28
01618418 28
01618420 28
01618421 28
01618425 28
01618428 29
01618430 29
01618530 29
01618532 29
01618534 29
01618536 29
01618538 29
01618702 30
01618703 30
01618707 30
01618728 12
01618766 30
01618767 30
01618768 30
01618769 30
01618770 30
01618771 30
01618772 30
01618773 12
01618917 29
01618947 68
01618953 68
01618955 68
01618962 68
01618967 55
01618975 139
01618978 139
01618980 139
01618984 139
01618985 138
01619052 31
01619097 78
01619114 78
01619115 78
01619124 79
01619142 28
01619144 28
01619146 28
01931160 32
01931163 32
01931166 32
01931169 32
01931172 32
01931175 32
01931178 32
01931181 32
01931184 32
01931201 32
01931202 32
01931203 32
01931205 32
01931209 32
01931210 32
01931213 32
01931214 32
01931218 33
01931219 33
01931223 33
01931224 33
01931226 33
01931229 33
01931292 33
01931383 33
01931390 31
01931392 32
01931454 31
01931980 50
01932906 50
01932910 50
01932915 50
01932920 28
01932924 28
01932926 28
01932928 28
01933012 32
01933013 33
01933149 12
01933195 12
01938390 31
01938392 31
01938396 31
01938398 31
01938403 31
01938404 31
01938408 31
01938412 31
01938683 50
01938692 50
01938703 125
01938704 50
01938705 50
01938709 50
01938712 125
01938714 50
01938718 51
02307035 324
02307040 324
02307060 324
02307074 324
02307076 324
02412106 324
02412608 324
02412610 324
02412640 324
02412645 324
02412664 324
02412688 324
02412712 324
02412716 324
02412735 324
02412740 324
02412745 324
02412750 324
02412755 324
02412800 324
02412940 324
02412962 324
02412968 324
02412980 324
02413030 325
02413032 325
02413034 325
02415021 324
02415100 324
02415102 324
02415104 324
02415106 324
02415108 324
02415110 324
02415112 324
02490995 331
02491001 331
02491032 331
02491497 331
02491501 331
02491505 331
02491510 331
02492036 324
02492700 325
02492701 325
02492703 325
02492705 325
02495990 331
02495996 331
02496001 331
02496006 331
02496012 331
02496015 331
02496017 331
02498002 325
02498006 325
02498200 327
02498202 327
02498204 327
02498206 327
02498208 327
02498950 325
02499005 325
02499010 325
02499015 325
02499020 325
02499080 325
02571042 327
02571050 327
02571317 330
02571318 330
02571319 330
02571321 330
02571322 330
02571323 330
02571324 330
02571325 330
02571329 330
02571330 330
02571339 330
02571341 330
02571342 330
02571344 330
02571346 330
02571358 330
02571361 330
02571364 330
02571366 330
02571367 330
02571370 330
02571373 330
02571376 330
02571378 330
02571379 330
02571810 330
02576785 328
02576790 327
02576793 327
02576794 327
02576796 327
02576833 327
02576837 327
02576842 328
02576845 327
02576921 328
02576930 328
02576932 326
02576952 328
02576956 328
02576958 328
02576960 328
02576970 328
02578244 331
02578246 331
02578262 331
02578266 331
02578272 331
02578274 331
02578425 331
02579505 327
02579510 327
02579515 327
02579520 327
02579530 327
02579546 327
02579548 327
02579750 327
02579755 327
02579758 326
02579760 327
02579765 327
02579855 326
02579860 326
02579865 327
02735920 325
02736201 325
02736210 325
02736215 326
02736244 325
02736246 325
02736248 325
02736332 325
02736348 325
02736364 325
02736369 326
02736375 325
02736500 325
02736501 326
02736510 325
02736511 326
02736800 326
02736811 326
02736817 326
02736901 326
02736964 326
02736972 326
02737003 326
02737031 326
02737047 326
02737079 326
02737100 326
02737118 326
03294085 328
03294089 328
03294095 328
03294105 328
03294115 328
03294125 328
03294135 328
03294136 328

03294137 329
03294140 329
03294145 328
03294147 328
03294157 328
03294160 328
03294165 328
03294178 328
03294180 329
03294198 329
03296008 329
03296024 329
03296040 329
03296056 329
03296088 329
03296090 329
03296092 329
03296094 329
03296096 329
03296103 329
03296107 329
03296109 329
03296112 329
03296116 329
03296118 328
03296120 329
03296125 328
03296128 329
03296133 328
03296135 328
03296137 328
03296140 328
03296144 328
03296152 329
03296170 328
03296176 329
03296180 328
03296200 328
03296205 328
03296207 330
03296210 330
03296212 330
03296214 330
03296216 330
03296218 330
03296220 330
03296222 330
03296224 330
03296226 330
03296228 330
03296230 330
03296232 330
03296520 329
03296530 329
03296550 329
03296600 330
03296610 330
03296620 330
03296630 330
03296640 330
03296650 330
03296660 330
03296670 330
03536002 335
03536004 335
03536006 335
03536032 335
03536080 335
03536096 335
03536112 335
03536130 335
03536144 335
03536176 335
03536192 335
03536224 335
03536226 335
03538001 335
03538031 335
03538050 335
03538080 335
03570010 334
03610020 332
03610701 332
03610960 332
03610970 332
03610974 332
03610979 332
03610999 332
03611017 332
03611019 332
03611021 332
03611022 332
03611026 332
03611029 332
03611042 332
03611050 332
03611400 333
03611440 333
03612004 205
03612015 205
03614685 333
03614686 333
03614691 333
03614700 333
03614730 333
03614745 333
03617081 333
03617083 333
03617085 333
03617095 333
03617098 333
03617100 333
03617102 334
03617108 334
03692016 334
03692018 334
03692020 334
03692022 334
03692025 334
03692028 334
03692030 334
03692032 334
03692034 334
03692040 334
04212033 402
04256217 402
04257770 402
04257775 402
04257780 402
04258120 402
04258152 402
04258175 402
04258180 402
04258185 402
04258215 402
04258220 402
04258225 402
04258230 402
04258240 402
04258450 402
04258455 402
04258500 402
04258521 402
04258536 402
04501033 403
04501049 403
04502001 403
04502033 403
04502049 403
04502065 403
04503001 403
04504055 403
04652001 403
04652017 403
04652250 403
04850720 403
04850722 403
04850730 403
04850740 404
04850742 404
04850760 404
04851900 404
04851910 404
04851920 404
04853350 404
04853400 404
04853408 404
04853416 404
04853424 404
04853432 404
04853440 404
04855001 161
04855003 161
04855004 161
04855006 161
04855013 160
04855014 160
04855015 160
04855017 160
04855026 160
04855028 160
04855029 160
04855030 160
04855031 160
04855039 161
04855040 161
04855041 161
04855042 161
04855044 161
04855045 161
04855046 161
04855047 161
04855048 161
04855051 162
04855054 161
04855060 162
04855062 162
04855070 160
04855072 162
04855073 162
04855075 160
04855077 162
04855078 162
04855079 162
04855085 162
04855090 162
04855092 162
04855093 162
04855094 162
04855096 162
04855107 162
04855109 162
04855111 162
04855112 162
04855114 160
04855115 161
04855117 161
04855119 161
04855192 162
04855194 162
04855196 162
04855246 161
04856034 403
04857320 404
04857725 162
04858651 404
04858653 404
04858656 404
04858661 404
04858677 404
04858679 404
04858681 404
04858685 404
04858691 404
04858693 404
04858801 404
04858804 404
04858808 404
04858812 404
04858816 404
04858820 404
05010301 471
05010308 471
05010309 471
05010310 471
05010312 471
05010802 474
05010807 474
05011005 474
05011010 474
05011012 474
05011015 474
05011020 474
05011045 474
05011050 474
05011054 474
05011056 474
05011060 474
05011061 474
05011095 475
05011101 475
05011113 475
05011121 475
05011126 475
05011139 475
05011145 472
05011150 472
05011155 472
05011160 472
05011170 475
05011175 475
05011190 475
05011195 475
05014970 472
05015001 472
05015005 472
05015010 472
05015033 472
05015045 472
05015046 472
05015047 472
05015049 472
05015056 472
05015060 473
05015102 473
05017520 475
05017525 475
05017530 475
05017535 475
05017540 475
05017545 475
05017550 475
05017552 475
05017555 475
05017560 475
05017565 475
05017570 475
05017575 475
05017577 475
05017580 475
05017585 475
05017590 475
05017595 475
05017990 475
05017995 475
05018000 475
05018002 475
05018005 475
05018007 475
05018009 475
05018017 475
05018029 475
05018032 475
05018036 475
05018037 475
05018038 475
05018039 475
05018040 475
05018041 475
05018042 473
05018045 475
05018050 475
05032112 279
05032113 279
05032128 279
05032132 279
05032136 279
05032137 279
05032138 279
05032139 279
05032140 279
05032141 280
05032144 280
05033000 280
05033043 279
05033085 280
05040301 280
05040319 280
05040320 280
05040351 280
05040379 280
05040380 280
05040390 280
05040391 280
05041201 280
05043002 280
05043005 280
05043010 280
05043015 280
05043018 280
05043022 280
05043026 280
05043028 280
05043030 280
05043032 280
05043034 280
05043036 280
05043038 280
05043050 280
05043052 280
05043054 280
05043056 280
05043058 280
05043060 280
05043062 280
05043064 280
05043066 280
05043068 280
05043070 280
05051010 286
05051017 286
05051018 286
05051047 286
05051048 286
05052023 286
05052024 286
05052050 286
05052052 287
05052055 286
05052060 286
05052064 286
05052065 286
05052066 286
05052067 286
05052070 287
05052074 287
05052076 287
05052077 287
05052079 287
05052080 286
05052081 286
05052084 286
05052085 286
05052100 287
05052465 287
05052467 287
05052470 287
05052471 258
05054000 287
05054050 287
05054051 287
05054055 287
05054056 287
05060700 272
05060750 272
05060770 272
05060860 272
05060870 272
05060880 272
05060890 272
05060900 272
05060920 272
05060960 272
05060962 272
05060964 272
05060971 281
05061002 281
05061008 281
05061018 281
05061023 281
05061034 281
05061058 281
05061066 281
05061077 281
05061974 285
05061976 285
05061982 285
05061990 285
05061995 285
05062008 285
05062009 285
05062010 285
05062024 285
05062038 285
05062039 285
05062045 285
05062116 281
05062132 281
05062137 281
05062148 281
05062702 282
05062703 282
05062705 281
05062710 282
05062805 281
05062820 281
05062825 282
05062900 282
05062902 282
05062910 282
05062912 282
05063100 281
05063105 281
05063110 281
05064000 282
05064002 282
05064004 282
05064006 282
05064008 282
05064010 282
05064012 282
05064014 282
05064016 282
05064018 282
05064020 282
05064022 282
05064024 282
05081220 283
05081221 283
05081222 283
05081223 283
05081224 283
05081225 283
05082021 283
05082022 283
05082023 283
05082024 283
05082025 283
05082027 283
05082032 283
05084000 283
05084001 283
05084002 283
05084003 283
05084004 283
05086001 283
05092001 283
05092002 283
05092003 283
05092004 283
05092005 283
05092300 283
05092301 283
05093003 283
05093005 283
05093006 283
05093015 283
05093016 283
05093017 283
05093018 283
05093020 283
05093026 283
05093027 283
05093030 283
05093035 283
05094021 283
05100950 283
05100965 290
05101007 283
05101008 283
05101025 284
05101026 284
05101041 284
05101042 284
05101084 284
05101086 284
05101090 284
05101110 284
05101130 284
05101150 284
05101155 284
05107072 284
05107076 284
05107080 284
05107085 284
05107088 284
05109007 285
05109200 285
05109220 285
05109228 285
05109232 285
05109500 281
05111002 281
05111008 281
05111023 281
05111039 281
05112024 281
05112040 281
05112056 281
05490970 288
05490981 288
05491001 288
05491017 288
05491064 288
05491096 288
05491202 288
05492005 288
05492008 288
05492012 288
05492024 288
05492030 288
05492031 288
05492032 288
05492033 288
05492040 288
05492050 288
05492051 288
05492055 288
05492056 288
05492060 288
05492061 288
05492065 288
05492100 438
05570110 289
05570112 289
05570114 289
05570116 289
05570118 289
05570120 289
05571004 289
05571005 289
05571020 289
05571021 289
05571069 289
05571070 289
05571075 289
05571076 289
05571100 289
05571106 289
05574004 289
05574005 289
05574020 289
05574021 289
05574069 289
05574070 289
05574075 289
05574076 289
05574091 289
05574092 289
05574096 289
05574098 289
05575001 289
05575017 289
05576004 289
05576008 289
05576012 289
05576024 289
05576028 289
05576032 289
05576036 289
05576040 289
05576044 289
05577012 290
05577026 290
05577033 290
05577040 290
05577042 290
05577045 290
05577047 290
05577052 290
05577060 290
05577080 290
05577090 290
05577100 290
05577222 290
05577225 291
05577600 290
05577610 290
05577620 290
05577630 290
05577640 290
05577650 290
05579002 290
05579006 290
05579011 290
05579016 290
05579041 290
05579051 290
05579072 289
05579073 289
05579074 289
05579075 289
05590005 290
05590010 290
05590015 290
05590020 290
05590040 288
05590100 291
05590110 291
05590116 291
05590120 291
05590130 291
05590140 291
05590150 291
05590156 291
05590160 291
05590170 291
05590174 291
05590180 291
05590185 291
05590190 291
05590200 291
05590201 291
05590202 291
05590203 291
05590900 291
05590902 291
05590903 291
05590904 291
05590905 291
05590909 291
06150419 404
06150435 404
06150451 404
06150467 404
06150504 404
06150520 404
06150530 404
06150552 404
06150560 404
06150584 404
06150592 404
06150600 404
06150610 404
06152013 405
06152017 405
06152022 405
06152025 405
06152027 405
06152029 405
06152030 405
06152032 405
06152035 405
06152037 405
06152040 405
06152043 405
06152045 405
06152049 405
06152050 405
06152052 405
06152054 405
06152060 405
06152063 405
06152065 405
06152067 405
06152069 405
06152071 405
06152073 405
06152075 405
06152077 405
06152079 405
06152081 405
06152083 405
06152085 405
06152089 405
06152091 405
06152093 405
06152095 405
06152099 405
06152100 405
06300500 405
06300503 405
06300505 405
06300515 405
06300520 405
06300525 405
06300540 405
06300550 405
06300560 405
06301000 405
06301008 405
06301032 405
06301038 405
06301070 405
06301072 405
06301096 405
06301112 405
06301128 405
06301144 405
06301156 405
06301160 405
06301172 405
06301224 405
06301248 405
06301264 405
06301272 405
06301288 405
06301320 405
06301336 405
06301352 405
06301368 405
06301375 405
06301536 405
06301552 405
06301672 405
06301680 405
06301784 405
06301800 405
06301816 405
06301832 405
06302200 405
06302224 405
06302240 405
06302248 405
06302256 405
06302264 405
06302272 405
06302288 405
06302290 405
06302300 405
06302308 406
06302315 405
06302360 405
06303760 405
06304112 405
06304208 405
06304320 405
06304416 405
06304480 405
06305816 406
06305832 406
06305848 406
06305864 406
06305880 406
06305896 406
06305932 406
06305952 406
06305980 406
06305985 406
06305995 406
06306005 406
06306010 406
06307701 406
06307705 406
06307721 406
06307761 406
06307781 406
06307791 406
06308010 406
06308030 406
06308050 406
06308070 406
06308090 406
06308110 406
06308130 406
06308150 406
06440500 407
06440509 407
06440513 407
06440520 407
06440524 407
06440529 407
06440998 407
06441082 407
06441105 407
06600301 406
06600303 406
06600305 406
06600307 406
06600311 406
06600315 406
06600319 406
06600321 406
06600325 406
06600327 406
06600333 406
06600335 406
06600337 406
06601017 407
06601097 407
06601161 407
06601193 407
06601225 407
06601241 407
06601257 407
06601289 407
06601305 407
06601321 407
06601329 407
06601337 407
06601353 407
06602817 407
06602833 407
06602848 407
06602864 407
06604000 407
06604160 407
06604192 407
06604256 407
06604320 407
06604384 407
06841504 406
06841568 406
06841576 406
06841584 406
06841600 406
06925000 406
06925032 406
06925064 406
06925096 406
06925128 406
06925208 406
06925256 406
06925272 406
06925290 406
06925308 406
06925330 406
07001504 406
07001552 406
07001568 406
07050020 246
07050025 496
07053001 354
07053002 354
07053005 354
07053008 354
07053011 354
07053015 354
07053016 354
07053018 354
07053020 354
07053022 354
07053024 354
07053026 354
07053028 354
07053030 354
07053032 354
07053034 354
07053037 354
07100001 429
07160525 83
07163340 83
07163360 84
07165130 84
07165200 84
07165210 84
07166380 84
07322010 473
07323006 473
07323008 473
07323012 473
07323014 473
07323018 473
07323020 473
07323024 473
07323026 473
07323028 473
07323032 473
07323034 473
07323036 473
07323038 473
07323066 473
07324010 473
07324040 473
07324070 473
07324100 474
07350005 103
07350010 103
07350025 103
07350038 102
07350043 102
07350045 102
07350047 102
07350051 102
07350053 102
07350055 270
07350058 270
07350080 103
07350092 103
07350095 103
07350097 392
07350101 103
07350120 103
07350125 105
07350800 103
07350810 91
07350890 65
07350900 103
07350920 104
07350925 104
07350930 104
07351025 104
07351029 104
07351030 104
07351034 104
07351046 104
07351065 104
07351066 104
07351120 104
07351122 104
07351247 104
07351250 104
07351253 105
07351255 105
07351275 105
07351280 105
07351282 105
07351285 105
07351288 65
07351290 105
07520068 437
07520080 434
07520090 434
07520092 434
07520102 434
07520104 434
07520106 434
07520109 434
07520111 434
07520112 434
07520115 434
07520117 437
07520121 434
07520129 434
07520130 434
07520131 434
07520140 434
07520150 435
07520151 435
07520152 435
07520162 436
07520182 436
07520186 436
07520190 436
07520204 435
07520209 435
07520210 435
07520214 437
07520231 436
07520247 437
07520250 437
07520273 437
07520290 437
07520298 436
07520360 437
07520365 437
07520402 435
07520407 437
07520426 435
07520428 435
07520432 435
07520447 435
07520452 435
07520457 438
07520459 437
07520460 435
07520470 438
07520475 438
07520485 435
07520490 435
07520495 435
07520508 436
07520550 436
07520555 436
07520570 436
07520575 436
07520795 438
07520801 438
07520803 438
07520808 438
07520821 438
07520830 438
07520833 436
07520860 438
07520862 438
07520875 438
07520897 432
07521117 432
07521121 432
07521892 438
07522000 438
07524050 433
07524054 433
07524070 433
07524078 433
07524082 433
07524085 433
07524206 450
07524318 437
07524440 433
07524536 433
07524544 433
07526173 436
07526180 439
07526190 439
07526201 439
07526400 451
07526406 451
07526416 451
07526418 451
07526422 451
07526434 451
07526436 451
07526438 451

07526460 451
07526660 452
07526730 433
07527257 433
07527503 433
07527504 433
07527505 434
07527507 433
07527515 434
07527518 433
07600615 243
07600618 243
07600701 243
07600703 243
07600705 243
07600706 243
07600707 244
07600720 243
07601017 244
07601023 244
07601047 244
07603001 244
07603016 244
07604001 244
07604032 244
07604065 244
07604501 244
07605001 244
07607001 244
07861501 407
07861502 407
07861514 407
07861515 407
07862057 407
07862058 407
07862073 407
07862074 407
07862161 407
07862162 407
07863901 407
07864001 407
07864002 407
07864061 407
07864062 407
07864065 407
07864233 407
07864234 407
07864341 407
07864342 407
07868017 407
07868024 407
07868049 407
07868316 407
08010440 242
08011085 242
08250755 240
08250760 240
08250778 240
08250781 241
08251233 241
08251265 241
08251270 241
08251274 241
08251282 241
08251285 241
08251290 241
08251295 241
08251300 241
08251500 241
08251510 242
08251530 242
08251550 242
08251600 242
08600001 181
08600995 184
08601009 187
08601709 186
08601714 188
08601720 188
08601735 186
08601736 186
08601740 186
08601742 186
08601744 186
08601753 186
08601758 188
08601765 186
08601770 188
08601782 188
08601783 188
08601795 186
08601797 186
08601807 188
08601850 186
08601932 186
08601934 186
08601936 186
08601938 186
08601952 186
08603420 183
08603423 184
08603486 181
08603488 181
08603633 181
08603634 182
08603635 182
08603638 181
08603651 182
08603654 182
08603655 182
08603657 182
08603659 182
08603663 188
08603681 182
08603684 182
08603689 182
08603690 182
08603692 182
08603694 183
08603698 183
08603705 188
08603710 188
08603715 188
08603720 188
08603725 188
08603729 186
08603730 186
08603735 186
08603740 186
08603760 187
08603765 188
08604880 183
08604882 183
08604883 181
08604884 187
08604885 188
08604886 187
08604888 187
08604899 186
08604914 187
08604916 187
08604917 187
08604918 187
08604920 188
08604921 187
08604922 188
08604924 187
08604928 188
08604947 188
08604948 188
08604951 186
08604956 186
08604961 186
08604965 186
08604968 186
08604970 186
08604972 186
08604980 186
08604982 188
08604987 188
08604990 186
08604996 187
08605002 186
08605104 187
08605130 187
08605140 187
08605152 187
08605170 187
08605175 187
08605190 187
08605195 187
08605300 181
08607018 189
08607022 188
08607024 188
08607026 188
08607027 188
08607039 189
08607041 189
08607044 189
08607077 188
08607084 183
08607282 183
08607284 183
08607288 183
08607290 183
08607292 183
08607296 183
08607298 183
08607300 183
08617098 188
08750752 184
08750753 184
08750755 184
08750850 184
08751201 184
08751248 184
08751250 184
08751252 184
08751254 184
08751270 184
08751275 184
08751277 185
08751285 185
08752048 187
08752050 187
08752055 187
08752060 187
08752062 187
08752065 187
08752070 187
08752072 187
08752075 187
08752080 187
08752090 187
08752092 187
08752094 187
08752098 187
08752102 187
08752114 187
08752116 187
08752127 188
08752445 185
08752448 185
08752457 185
08752480 185
08752488 185
08752515 185
08752561 185
08752570 185
08752572 185
08752581 185
08752584 185
08752585 185
08752589 185
08752592 185
08752855 187
08752870 186
08752880 187
08850015 73
08850018 73
08850088 23
08850098 23
08850099 23
08850160 23
08853572 23
08857030 160
08857047 23
08857051 23
08857052 23
08859120 24
08859121 24
08859122 24
08859123 24
08859124 24
08859140 24
08870100 296
08870215 296
08870410 296
08870415 296
08870425 296
08872013 299
08872019 299
08872021 299
08872022 299
08872065 296
08874002 90
08874033 93
08882083 296
08882086 296
08882088 296
08882089 296
08882101 297
08882102 297
08882103 297
08882104 297
08882106 297
08882107 297
08882121 297
08882122 297
08882123 297
08882124 297
08882126 297
08882131 297
08882132 297
08882133 297
08882134 297
08882136 297
08882141 297
08882143 297
08882144 297
08882145 297
08882151 297
08882152 297
08882153 297
08882154 297
08882156 297
08884017 295
08884530 295
08884630 295
08884635 295
08884726 295
08884733 295
08884742 295
08884752 295
08884770 295
08884844 295
08884877 295
08884883 295
08884895 295
08885420 295
08885440 295
08920005 296
08920006 296
08920007 296
08920008 296
08920015 296
08920108 296
08920112 296
08920113 296
08920114 296
08920115 296
08920124 296
08920126 296
08920127 296
08920128 296
09001002 308
09001004 294
09001006 309
09001008 294
09001017 309
09001019 309
09001022 309
09001023 309
09001026 309
09001027 294
09001029 309
09001035 318
09001038 309
09001050 309
09001054 309
09001257 301
09002077 320
09002112 97
09002135 319
09005020 314
09005034 314
09005037 314
09005040 315
09005043 315
09005046 315
09005049 315
09005050 315
09005082 315
09005087 315
09005097 315
09005110 315
09005112 315
09005215 315
09005278 315
09005281 315
09005320 315
09005330 315
09005505 316
09005510 316
09005700 317
09005745 317
09006032 298
09006034 298
09006037 298
09006086 21
09006088 21
09006106 24
09006122 25
09006125 11
09006132 25
09006156 25
09006979 25
09006981 25
09006987 25
09006989 25
09006993 25
09006998 25
09007010 25
09007445 25
09007457 25
09007462 26
09007464 26
09007485 26
09007490 26
09009106 26
09009155 26
09009635 162
09009637 162
09009642 320
09049981 316
09049983 316
09049988 316
09050046 316
09050047 316
09050052 316
09050066 317
09050075 317
09050212 320
09050214 320
09050216 320
09050218 320
09050222 320
09050226 321
09050240 321
09050250 321
09050252 321
09050254 321
09050256 321
09050300 321
09050350 321
09050355 321
09050365 321
09050366 321
09050578 317
09050583 317
09050588 317
09050600 299
09050605 298
09050618 317
09050630 299
09050635 318
09050670 318
09050675 318
09050682 318
09050705 318
09050707 318
09050710 319
09050713 318
09050715 318
09050718 318
09050722 320
09050725 320
09050727 320
09050730 318
09050732 319
09050734 319
09050740 319
09050750 319
09050754 319
09050755 319
09050760 319
09050765 319
09050767 319
09050770 294
09050782 294
09050790 294
09050960 309
09051031 317
09051036 304
09051040 304
09051042 294
09051050 304
09051052 304
09051054 304
09051056 304
09051058 306
09051060 306
09051063 306
09051065 306
09051068 306
09051069 304
09051070 304
09051073 305
09051075 305
09051077 306
09051079 307
09051080 305
09051084 305
09051086 305
09051088 305
09051097 307
09051098 307
09051100 307
09051103 307
09051104 307
09051106 307
09051107 307
09051108 307
09051109 307
09051110 305
09051111 305
09051116 302
09051149 302
09051151 302
09051155 302
09051160 302
09051162 302
09051170 302
09051175 302
09051177 302
09051183 302
09051185 303
09051192 313
09051195 313
09051198 303
09051202 313
09051204 313
09051206 313
09051208 313
09051211 313
09051214 313
09051216 313
09051217 314
09051219 314
09051222 303
09051224 303
09051226 301
09051231 303
09051233 314
09051260 309
09051264 303
09051267 310
09051268 310
09051273 310
09051281 301
09051283 301
09051285 301
09051289 310
09051290 310
09051293 301
09051294 301
09051296 301
09051299 301
09051302 310
09051305 302
09051306 310
09051317 310
09051319 310
09051321 310
09051323 310
09051330 311
09051332 311
09051337 311
09051338 311
09051339 311
09051342 311
09051344 311
09051346 311
09051348 311
09051349 311
09051351 311
09051356 311
09051357 311
09051358 311
09051360 311
09051366 312
09051375 312
09051376 311
09051396 305
09051398 307
09051400 312
09051401 307
09051403 305
09051404 305
09051405 312
09051407 307
09051411 307
09051413 307
09051415 308
09051417 308
09051418 308
09051419 305
09051421 308
09051430 312
09051435 312
09051440 303
09051445 312
09051450 308
09051452 308
09051454 308
09051460 308
09051470 294
09051472 294
09051475 294
09051505 305
09051507 305
09051509 305
09051511 305
09051515 305
09051520 306
09051522 306
09051524 306
09051526 306
09051528 306
09051530 306
09051705 316
09051710 316
09051715 294
09051725 258
09052100 306
09052140 306
09052150 306
09052190 307
09052210 312
09052215 301
09052220 303
09052260 306
09052271 306
09052290 306
09052300 306
09052311 306
09052320 306
09052331 306
09052348 308
09052380 303
09052465 312
09052470 312
09052519 304
09052521 304
09052524 294
09052527 304
09052531 304
09052535 304
09052536 304
09052537 304
09052540 304
09052542 304
09061510 298
09061514 298
09061561 298
10000108 408
10000140 408
10000164 408
10000180 408
10000188 408
10000212 408
10300064 22
10300078 24
10302514 22
10302525 23
10303031 22
10304511 11
10304513 11
10304597 22
10304648 22
10304658 23
10304668 23
10304674 11
10305910 22
10307951 23
10308301 24
10308303 24
10308304 24
10570400 339
10570402 339
10570404 339
10570408 339
10570412 339
10570414 339
10570418 339
10570424 340
10570426 340
10570428 340
10570430 340
10570434 340
10570437 340
10570440 340
10570444 340
10570455 340
10570457 340
10570458 340
10570459 340
10570470 340
10570474 340
10570478 340
10570482 340
10570486 345
10570498 340
10570500 340
10570502 340
10570505 340
10570510 340
10570520 341
10570550 345
10570560 345
10570562 345
10570580 345
10570582 345
10572030 345
11050740 338
11050750 338
11050760 338
11050770 338
11050775 338
11050801 338
11050850 338
11080770 339
11202184 338
11202202 338
11202257 338
11350902 339
11350909 339
11350918 339
11350924 339
11350925 339
11350990 339
11351004 339
11351010 339
11500301 335
11500320 335
11500330 335
11500560 335
11500565 335
11500570 335
11500624 335
11500630 335
11651200 335
11653016 335
11653042 335
11653044 335
11653045 335
11653046 335
11653047 335
11653067 336
11653068 336
11653070 336
11653075 336
11655005 336
11655007 336
11655010 336
11803001 336
11803003 336
11803004 336
11806049 336
11806060 336
11900007 341
11900011 323
11900202 341
11900300 341
11951058 336
11951060 336
11952501 336
11953302 336
11953306 336
11953310 336
11953320 336
11953392 336
11953394 336
11953395 337
11953401 397
11953405 397
11953406 397
11953407 397
11953408 398
11953410 398
11953412 337
11953415 337
11953455 337
11953490 337
11953492 337
11953494 337
11953496 337
11953498 337
11953500 337
11953537 337
11953620 337
11953630 337
11953635 337
11953640 337
11953645 337
11953650 337
11953655 337
11953660 337
11953662 337
11953664 337
11953666 337
11953668 337
11953670 338
11953671 338
11953675 338
11953676 338
11953677 338
11953678 338
11953679 338
11953680 338
11953690 338
11953691 338
12110590 430
12110592 430
12110597 430
12110599 430
12110603 430
12110640 430
12110647 430
12110654 430
12110661 430
12110665 430
12110670 430
12110675 430
12110682 430
12110686 430
12110690 430
12110695 430
12110702 430
12110706 430
12110707 430
12110714 430
12110720 430
12110726 430
12110730 430
12111180 430
12111200 430
12111204 430
12111207 430
12111208 430
12111210 430
12111216 430
12111261 430
12111480 244
12111485 245
12111490 245
12111495 245
12111501 245
12111506 245
12111509 245
12111518 245
12111519 245
12111520 245
12111525 245
12111529 245
12111543 245
12111545 245
12111547 245
12111560 245
12111620 245
12350230 336
12350235 336
12350240 336
12350310 336
12350335 336
12350390 336
12350395 336
12650720 251
12650730 250
12654904 251
12654920 250
12657504 240
12657508 250
12657515 250
12657520 250
12657523 251
12658701 251
12658705 251
12658718 251
12658721 251
12658738 251
12658742 251
12658763 251
12658773 251
12658787 250
12658789 252
12658795 240
12658800 251
12658802 252
12658810 252
12951201 342
12951217 342
12951225 342
12951233 342
12951241 342
12951250 342
12951257 342
12951266 342
12951274 342
12951281 342
12951289 342
12951297 342
12951305 342
12951307 342
12951313 342
12951318 342
12951321 342
12951325 342
12951329 342
12951338 342
12951345 342
12951360 342
12951417 343
12951433 343
12951441 343
12951449 343
12951457 343
12951474 343
12951480 343
12951485 343
12951489 343
12951495 343
12951501 343
12951505 343
12951509 343
12951517 343
12951530 343
12951710 342
12951714 342
12951716 342
12951725 342
12951733 342
12951741 342
12951750 342
12951758 342
12951762 342
12951774 342
12951778 342
12951782 342
12951784 342
12951786 342
12951790 342
12951900 342
12951902 342
12951904 342
12951906 342
12951908 342
12951916 342
12951925 342
12951933 342
12951938 342
12951941 342
12951945 342
12951949 342
12951957 342
12951966 342
12951974 342
12951977 342
12951981 342
12951989 342
12951990 342
12951997 342
12952005 342
12952013 342
12952032 342
12953402 343
12953403 343
12953405 343
12953407 343
12953410 343
12953415 343
12953420 343
12953425 343
12953491 343
12953501 343
12953517 343
12953533 343
12953549 343
12953565 343
12953575 343
12954040 342
12954050 342
12954062 342
12954065 342
12954068 342
12954069 342
12954070 342
12954072 342
12954073 342
12954075 342
12954077 342
12954080 342
12954085 342
12954090 342
12954095 342
12954180 342
12954192 342
12954200 342
12954210 342
12954222 342
12954227 342
12954232 342
12954233 342
12954238 342
12954242 342
12954245 341
12954250 342
12954252 342
12954255 342
12954291 362
12954294 362
12954297 362
12956670 343
12956675 343
12956680 343
13034026 343
13034034 343
13034040 343
13036001 344
13036013 344
13036015 344
13036017 344
13036512 343
13036524 343
13036536 343
13037012 343
13037049 343
13037062 343
13037074 343
13037085 343
13037120 343
13037134 343
13037159 343
13101315 344
13105345 344
13105353 344
13105609 344
13105681 344
13105700 344
13106033 344
13107012 344
13107432 344
13107438 344
13107500 344
13107512 344
13250201 344
15500200 26
16012850 409
16013000 409
16013015 409
16013020 409
16013100 409
16013105 409
16013200 409
16304008 245
16305050 245
16831150 128
20510516 76
20510518 76
20510592 76
20510607 74
20510610 74
20510614 73
20510616 73
20510618 73
20510619 73
20510713 76
20511501 76
20511517 76
20512158 76
20512170 74
20512172 76
20514525 204

20514527 204
20514536 73
20514537 73
20514670 73
20514673 73
20514676 74
20517601 75
20517617 75
20517952 74
20517968 76
20517970 76
20517980 76
20518510 74
20518515 78
20518740 77
20518742 77
20518756 77
20518760 77
20518803 75
20518806 75
20518824 75
20518828 75
20518829 75
20518830 75
20518875 74
20518895 74
20518919 74
20518922 74
20518925 76
20518932 75
20518935 300
20518941 75
20518943 75
20518944 75
20519361 77
20519362 77
20519610 77
20519630 77
20519635 77
20519657 77
20519695 75
20519710 76
20524110 77
20526018 77
20526029 77
20526046 77
20526055 77
20527092 77
20527095 77
20527097 77
20527102 77
20527110 77
20527112 78
20527200 77
20527210 77
20527220 77
20527310 77
20527600 78
20527605 78
20550034 300
20550036 300
20550038 300
20550042 300
20550044 300
20550045 300
20550054 300
20550058 77
20550059 77
20550151 300
20550200 300
20550335 77
20550345 300
20550350 300
20550360 301
20550479 76
20551320 204
20551325 204
20551350 204
20551370 204
20551380 204
20551390 204
20551405 204
20551410 204
20551420 204
20552010 204
21080117 246
21080118 246
21080162 246
21080163 246
21080164 246
21080205 246
21080207 246
21080209 246
21080211 246
21210775 409
21210782 409
21616552 409
21616555 409
21616560 409
21616565 409
21616587 409
21616590 409
21616645 409
21616650 409
21616655 409
21616660 409
21617500 409
21617505 409
21617535 409
21619102 410
21619105 410
21810020 235
21810025 235
21810030 235
21810035 236
21810100 236
21810104 236
21810110 236
21810120 236
21810125 226
21810130 236
21810135 236
21810140 236
21810143 236
21810160 236
21810184 236
21810187 236
21810189 236
21810190 236
21810215 226
21810218 226
21810225 226
21810278 226
21810280 226
21810281 237
21810284 237
21810285 226
21810287 226
21810290 226
21810302 226
21810310 226
21810315 227
21810320 227
21810340 227
21810355 227
21810375 237
21810416 227
21810422 227
21810424 227
21810426 227
21810428 227
21810430 227
21810451 227
21810501 227
21810533 227
21810565 227
21810571 227
21810625 227
21810630 227
21810646 227
21810668 227
21810679 227
21810692 227
21810697 227
21810705 228
21810707 228
21810709 228
21810717 228
21810719 228
21810721 229
21810722 229
21810723 229
21810726 229
21810730 229
21810732 229
21810734 229
21810736 229
21810817 228
21810820 228
21810881 237
21810940 237
21810942 207
21810949 237
21810952 237
21810955 237
21810960 237
21810970 237
21811025 228
21811041 228
21811057 228
21811073 228
21811137 228
21811145 228
21811249 228
21811285 228
21811927 237
21815105 228
21815120 228
21815135 228
21815912 148
21815915 148
21816106 229
21816107 229
21816108 229
21816113 230
21816114 230
21816115 230
21816117 230
21816120 230
21816121 229
21816122 230
21816124 230
21816125 230
21816127 237
21816128 230
21816130 230
21816132 237
21816135 230
21816156 230
21816158 230
21816160 230
21816162 230
21816164 230
21816166 230
21816170 230
21816172 230
21816174 230
21816175 230
21816177 238
21816181 230
21816217 230
21816227 231
21816230 231
21816232 231
21816370 231
21816372 231
21816384 231
21816386 231
21816390 238
21816398 228
21816404 231
21816408 231
21816412 231
21816424 231
21816428 231
21816432 231
21816438 231
21816440 238
21816444 231
21816450 231
21816454 231
21816458 231
21816509 232
21816510 232
21816513 232
21816516 237
21816517 232
21816518 232
21816519 232
21816525 232
21816527 232
21816531 232
21816532 232
21816533 232
21816536 232
21816537 232
21816551 231
21816560 232
21816562 233
21816566 233
21816567 233
21816570 233
21816572 233
21816578 233
21816585 233
21816588 233
21816589 233
21816590 233
21816592 233
21816595 233
21816598 207
21816599 233
21816600 233
21816602 234
21816603 207
21816606 232
21816607 232
21816608 234
21816609 234
21816610 234
21816612 232
21816622 232
21816624 232
21816626 232
21816633 234
21816634 234
21816636 232
21816640 232
21816646 232
21816648 232
21817515 234
21817520 234
21817525 234
21817530 234
21817550 234
21817555 234
21817560 228
21817605 234
21817610 234
21817615 234
21817620 235
21817623 235
21817625 235
21817630 235
21817635 235
21817638 235
21817640 235
21817705 229
21817708 229
21817711 229
21817720 229
21817723 229
21818002 231
21818005 232
21818007 232
21818009 232
21818011 232
21818013 229
21818016 229
21818018 229
21818020 232
21818022 232
21818024 232
21818025 238
21818026 238
21818027 238
21818028 238
21818032 238
21818036 238
21818038 238
21818040 229
21818042 229
21818044 229
21818045 238
21818047 238
21818055 238
21818057 238
21818065 238
23055501 410
23055558 410
23055622 410
23055624 410
23055626 410
23055628 410
23055710 410
23055715 410
23055801 410
23055810 410
23055811 410
23055820 410
23055821 410
23055826 410
23055827 410
23055836 410
23055837 410
23055842 410
23055843 410
25120500 249
25120790 246
25120793 246
25120832 240
25120835 240
25120837 240
25120840 240
25120852 246
25120855 252
25120865 246
25120870 247
25120885 247
25120886 247
25120887 247
25120891 247
25120900 252
25120918 249
25120922 249
25121330 247
25121710 247
25121904 247
25121905 247
25121910 247
25121916 247
25121930 248
25121950 247
25121980 248
25121982 248
25122310 249
25122320 249
25122328 240
25122331 240
25122342 249
25122353 249
25122355 253
25122390 250
25122430 250
25125332 247
25125349 252
25125355 252
25180849 249
25180900 249
25180913 249
25180923 249
25180924 355
25180944 355
25180948 355
25180953 355
25180955 355
25330092 248
25330096 248
25330100 256
25330200 248
25331024 253
25331075 253
25331112 253
25332662 250
25332710 250
25332711 250
25332712 250
25332713 250
25332780 250
25332785 250
25332790 250
25506837 252
25506870 253
25506905 252
25506990 252
25507020 252
25507070 253
25507075 253
25507080 253
25507085 253
25581500 252
25582001 252
25582065 252
25582097 252
25582129 252
25582195 252
25582365 252
25582495 252
25582525 252
25583001 253
25583065 253
25583129 253
25585008 253
25585044 253
25585060 253
25586026 253
25586028 253
25586034 248
25586036 253
25586038 248
25586042 254
25586050 254
25586052 254
25586054 254
25586060 254
25586062 254
25586064 248
25586066 254
25586068 254
25586070 254
25586072 254
25586080 248
25586090 254
25586092 255
25586094 255
25586096 255
25586098 255
25586100 255
25586102 255
25586106 255
25586108 255
25586110 255
25586112 248
25586114 248
25586116 248
25586118 248
25586120 254
25586122 254
25586124 254
25586126 254
25586140 255
25586142 255
25586150 255
25586152 256
25600020 248
25600025 248
25600105 248
25600110 248
25600348 249
25640257 256
25640337 256
25640359 256
25640365 256
25640377 256
25640489 256
25640562 256
25640567 256
25640821 256
25640853 256
25641025 256
25641065 256
25641089 256
25641105 256
25641107 256
25641150 256
25641301 256
25642001 256
25722118 256
25801001 253
25801010 253
25801017 253
25801751 253
25801783 253
26051020 19
26051025 19
27311030 263
27311031 263
27311032 263
27311033 263
27311035 263
27311039 263
27311042 263
27311044 263
27311045 263
27311048 263
27311050 263
27311051 263
27311052 263
27311053 263
27311055 263
27311057 263
27311059 263
27311061 263
27311062 264
27311063 264
27311065 264
27311067 264
27311077 262
27311081 264
27311092 264
27311410 264
27311414 264
27311420 264
27311440 264
27311452 264
27311620 264
27311720 264
27311722 264
27311724 264
27311728 264
27311732 264
27311750 265
27311752 265
27312006 265
27312030 265
27312032 265
27312036 265
27312039 265
27313013 265
27313015 265
27313016 265
27313017 265
27313018 265
27313019 265
27313020 265
27313030 265
27313033 265
27313035 265
27313037 265
27313038 265
27313041 265
27313049 265
27313061 265
27313063 265
27313081 265
27313082 265
27313097 265
27313098 265
27313099 265
27313100 266
27317091 266
27317093 266
27317096 266
27317099 266
27318000 266
27318004 266
27318012 266
27318016 266
27318019 266
27318073 266
27318076 266
27318080 266
27330328 266
27330418 267
27330420 267
27330421 262
27330422 266
27330424 266
27330426 266
27330428 266
27330433 266
27330444 266
27330446 266
27330448 266
27330468 266
27330469 266
27330470 266
27330471 266
27330472 266
27330473 266
27330474 266
27330476 267
27330477 266
27330478 266
27330480 266
27330482 267
27330483 267
27330494 267
27330760 258
27330762 258
27330765 258
27330771 259
27330772 259
27330773 259
27330774 259
27330776 259
27330782 259
27330784 259
27330792 259
27330794 259
27330796 258
27330797 258
27330798 258
27330799 258
27330802 258
27330808 258
27330812 258
27330860 258
27330862 258
27330864 258
27330866 258
27330868 258
27330870 258
27330872 259
27330874 258
27330876 259
27330878 258
27330941 261
27330969 262
27330970 262
27330973 262
27330975 262
27330976 262
27330979 262
27330980 262
27330981 263
27330983 263
27330986 263
27330987 263
27330989 263
27330991 263
27330993 263
27331034 258
27331038 258
27331050 258
27331054 258
27331058 258
27331110 259
27331130 259
27331140 259
27331145 259
27331150 259
27331165 259
27331170 259
27331172 259
27331173 259
27331250 263
27331251 263
27331252 263
27331253 263
27331260 263
27470780 262
27470787 262
27471002 262
27471004 262
27471005 262
27471006 262
27471008 263
27471110 262
27471115 262
27471117 262
27471120 262
27471495 263
27471501 263
27471560 263
27475124 261
27475135 261
27475160 262
27475162 262
27475163 262
27475164 262
27475166 262
27475167 262
27475168 262
27475174 262
27475182 262
27475184 262
27475186 262
27475188 262
27475190 262
27475192 262
27475194 262
27475196 262
27475198 262
27475200 262
27475230 262
27475710 291
27475800 259
27475801 259
27475802 259
27475803 259
27475804 259
27475805 259
27475806 259
27475807 259
27475822 260
27475826 260
27475830 260
27475834 260
27475838 260
27475842 260
27475846 260
27475850 260
27475870 259
27475875 259
27475880 259
27475885 259
27475940 260
27475998 260
27475999 260
27476000 260
27476002 260
27476003 260
27476004 260
27476005 260
27476006 260
27476007 260
27476011 260
27476012 260
27476013 260
27476014 260
27476016 260
27476020 260
27476022 260
27476030 260
27476040 260
27476041 261
27476042 261
27476043 261
27476044 261
27476046 261
27476048 261
27476049 261
27476070 261
27476080 261
27476090 261
27476100 261
27476110 261
27476120 261
27476130 261
27476486 261
27476488 261
27476490 261
27476551 261
27476561 261
27476566 261
27477005 261
27477008 261
27477018 261
27477020 261
27478005 261
27478010 261
27478015 261
27478020 261
27478025 261
27478030 261
27478040 261
27478050 261
27721000 268
27721010 268
27721050 268
27721060 268
27721070 268
27721080 268
27721100 268
27721110 268
27721120 268
27721130 268
27721140 268
27721150 268
27721160 268
27721210 268
27721220 268
27721230 268
27721250 268
27721255 268
27721260 268
27721270 268
27721280 268
27721290 268
27721300 268
27721310 268
27721370 268
27721380 268
27721400 268
27721410 268
27721420 268
27721650 268
27721660 268
27722010 268
27722012 268
27722025 268
27725005 268
27725006 268
27725012 268
27725017 268
27725070 268
27725081 268
27725085 268
27725086 268
27725090 268
27725093 268
27726037 268
27726090 269
27726092 269
27726094 269
27726096 269
27726098 269
27726110 270
27726150 269
27726152 269
27726153 269
27726154 269
27726160 269
27726162 269
27726163 269
27726170 269
27726172 269
27726190 269
27726192 269
27726210 269
27726216 270
27726218 270
27726410 274
27726415 274
27726500 273
27726502 273
27726504 273
27726506 273
27726508 273
27726512 273
27726514 273
27726516 273
27726600 273
27726603 273
27726606 273
27726609 273
27726612 273
27726615 273
27726618 273
27726621 273
27726623 273
27726625 273
27726628 273
27726630 273
27726633 273
27726636 273
27726639 273
27726642 273
27726645 273
27726648 273
27726654 273
27726657 273
27726660 273
27726663 273
27726666 273
27726669 273
27726672 273
27726675 273
27726681 273
27726684 273
27726687 273
27726690 273
27726693 273
27726696 273
27726699 273
27726702 273
27726705 274
27726735 273
27726738 273
27726741 273
27726744 273
27726747 273
27726750 273
27726753 273
27726756 273
27726782 274
27726784 274
27726786 274
27726788 274
27726915 274
27727000 274
27727100 274
27727102 274
27727104 274
27727106 274
27727112 274
27727114 274
27727118 274
27727122 274
27727125 274
27727127 274
27727138 274
27727139 274
27727140 274
27727141 274
27727142 274
27727143 274
27727144 274
27727145 274
27727148 274
27727149 274
27727150 274
27727151 274
27727152 274
27727153 274
27727154 274
27727155 274
27727185 270
27727186 270
27727187 270
27727188 270
27727189 270
27727190 270
27727193 270
27727194 270
27727195 270
27727200 270
27727203 270
27727206 270
27727208 270
27727210 270
27727215 270
27727216 270
27727218 270
27727219 271
27727222 271
27727224 271
27727225 271
27727227 271
27727230 274
27727231 274
27727232 274
27727233 274
27727234 274
27727235 274
27727236 274
27727237 274
27727239 271
27727241 271
27727243 271
27727245 271
27727251 271
27727256 271
27727261 271
27727266 271
27727280 271
27727284 271
27727286 271
27727290 271
27727292 272
27727298 267
27727301 267
27727303 272
27727319 267
27727327 267
27727329 267
27727345 267
27727347 267
27727349 267
27727375 267
27727383 272
27727385 267
27727396 267
27727420 274
27727460 273
27727462 273
27727464 273
27727466 273
27727468 273
27727470 273
27727472 273
27727474 273
27727476 273
27727478 273
27727480 273
27727482 273
27727500 273
27727502 273
27727504 273
27727506 273
27727508 273
27727510 273
27727512 273
27727514 273
27727520 274
27727522 274
27727524 274
27727526 274
27727528 274
27727530 274
27727532 274
27727534 274
27727536 274
27727538 274
27727600 272
27727602 272
27727604 273
27727606 273
27727608 273
27727618 273
27727620 273
27727622 273
27727624 273

27727640 273
27727642 273
27727660 273
27727671 273
27727672 273
27727673 273
27727675 273
27727750 273
27727751 273
27727753 273
27727755 273
27727757 273
27727759 273
27727770 273
27727805 272
27727807 272
27727815 272
27727825 272
27727855 272
27727865 272
27751905 274
27752005 274
27752010 274
27752104 275
27752105 275
27752108 275
27752110 275
27752112 275
27752113 275
27752115 275
27752120 275
27752125 275
27752170 275
27752175 275
27752180 275
27752185 275
27752204 275
27752206 275
27752208 275
27752210 275
27752212 275
27752215 275
27752236 275
27752240 275
27752242 275
27752260 275
27752261 275
27752263 275
27752270 275
27752290 275
27752310 275
27752320 275
27752350 275
27752360 275
27752380 275
27752420 275
27752422 275
27752424 275
27752426 276
27752428 276
27752440 276
27752450 276
27752451 276
27752610 276
27752618 276
27752620 276
27752630 276
27752640 276
27752720 276
27752740 276
27753003 276
27753004 276
27753006 276
27753007 276
27753008 276
27753018 276
27753022 276
27753024 276
27781052 277
27782012 277
27782013 277
27782017 277
27782020 277
27782032 277
27782036 277
27782040 277
27782041 277
27782048 277
27782049 277
27782050 277
27782051 277
27782081 277
27782083 277
27782099 277
27782101 277
27782102 277
27782104 277
27782106 277
27782110 277
27782111 277
27782114 277
27782120 277
27782122 277
27782150 277
27782155 277
27782160 277
27782200 278
27782205 278
27782507 278
27782510 278
27782512 278
27782514 278
27782805 323
27782810 323
27782820 348
27871025 276
27871028 276
27871032 276
27871033 276
27871035 276
27871042 276
27871045 276
27871047 276
27871050 276
27871060 276
27871072 277
27871074 277
27871105 277
27911185 278
27911186 278
27911187 278
27911188 278
27911189 278
27911207 278
27911208 278
27911209 278
27911210 278
27911211 278
27911212 278
27911301 278
27911302 278
27911456 278
27911457 278
27912115 278
27912118 278
27940001 408
27940005 408
27940010 408
27940015 408
27940020 408
27940025 408
27940026 408
27940030 408
27940035 408
27940040 408
27940045 408
27940055 408
27940060 408
27940065 408
27940070 408
27940075 408
27940080 408
27940085 408
27940090 408
27940095 408
27940100 408
27940105 409
27951017 409
27951033 409
28014110 145
28014112 145
28014217 145
28014218 145
28014220 145
28014230 145
28016001 145
28016006 145
28016010 146
28016015 141
28651001 154
28651058 155
28653503 155
28653537 155
28653542 155
28653550 155
28656260 155
28656268 138
28656480 155
28656484 155
28656488 155
28656515 155
28656520 155
28656525 155
28656537 156
28656540 156
28656672 156
28656675 156
28656680 156
28656886 140
28656960 156
28657110 157
28657115 157
28657200 156
28657201 156
28657202 156
28657203 156
28657205 156
28657912 156
28657960 156
28657965 156
28657970 157
28657975 157
28658100 157
28658110 157
28658122 157
28658135 157
28732870 151
28732880 151
28732907 157
28732912 151
28732915 136
28732922 151
28732924 151
28732927 152
28732928 152
28732929 152
28732930 152
28732944 152
28732949 152
28732951 152
28732954 152
28732956 152
28732958 152
28732962 152
28732975 152
28732977 152
28733060 152
28734030 153
28734050 153
28734060 153
28734070 153
28734100 153
28734110 153
28734125 153
28734212 153
28734220 153
28739150 153
28739182 153
28739184 153
28739190 154
28739200 154
28739294 154
28739302 154
28739306 154
28739318 154
28739332 154
28739336 154
28739340 154
28739342 154
28739348 154
28739355 154
28973056 157
28973069 157
28973072 157
28975001 157
28975025 157
28975060 157
28975062 157
28975064 157
28975066 157
28975621 158
28977502 138
29005270 158
29131055 159
29291307 158
29293501 158
29293517 158
29293601 158
29295195 158
29295527 158
29452029 243
29452032 243
29452036 243
29452039 243
29452041 243
29452043 243
29500045 314
29500051 314
29500056 314
29500061 314
29500376 314
29500500 73
30251000 367
30251001 368
30251002 367
30251003 368
30251005 368
30251017 368
30251032 368
30251048 368
30251055 368
30251060 368
30251061 368
30251063 368
30251065 368
30251066 368
30251076 368
30251078 368
30251080 368
30251517 368
30251532 368
30251801 368
30251830 368
30251890 71
30251900 366
30251905 366
30251908 366
30251926 93
30251931 96
30251933 93
30251945 94
30251949 94
30251950 94
30251955 94
30251957 94
30251966 263
30251972 263
30251975 94
30251980 65
30251982 65
30251985 65
30252295 319
30252300 389
30252305 389
30252310 388
30252311 389
30252313 388
30252316 388
30252319 388
30252322 388
30252325 388
30252328 388
30252334 388
30252337 388
30252340 388
30252343 388
30252346 389
30252401 370
30252470 370
30252480 370
30252485 370
30252490 370
30252701 370
30252702 370
30252703 370
30252704 370
30253502 368
30253503 368
30254217 370
30254218 371
30254220 381
30254245 366
30254250 367
30254256 366
30254270 367
30254275 367
30254280 367
30254287 105
30254289 105
30254295 367
30254300 367
30254305 381
30254310 381
30254350 367
30254355 367
30254360 367
30254365 367
30254370 367
30254400 267
30255081 381
30255082 381
30255083 391
30255084 381
30255085 381
30255086 381
30255088 381
30255089 392
30255093 381
30255095 381
30255097 381
30255099 381
30255101 381
30255117 382
30255120 382
30255125 382
30255126 392
30255128 382
30255130 382
30255133 382
30255136 382
30255138 382
30255148 384
30255360 384
30255401 382
30255405 382
30255406 392
30255448 382
30255701 384
30255720 384
30255970 382
30255981 382
30255983 369
30255990 384
30256001 384
30256032 384
30256034 384
30256048 384
30256113 384
30256117 384
30256401 384
30256416 384
30256432 384
30256608 384
30256616 384
30256624 385
30256650 385
30256685 387
30256687 387
30256690 387
30256692 387
30256694 387
30256695 387
30256696 387
30256698 387
30256700 387
30256702 387
30256706 387
30256708 387
30256710 387
30256712 387
30256714 387
30256748 385
30257001 385
30257002 385
30257301 385
30257305 385
30257317 385
30257325 386
30257330 386
30257335 384
30257340 384
30257380 386
30257385 386
30257387 366
30257390 384
30257395 387
30257410 387
30257415 388
30257465 198
30257470 366
30257472 366
30257475 366
30257919 103
30258100 97
30361001 369
30361201 369
30361232 369
30361234 369
30361236 369
30361238 369
30361248 369
30361250 369
30361253 369
30361255 369
30361256 369
30361401 369
30361417 369
30361420 369
30361422 369
30361425 369
30361432 369
30361449 369
30361450 369
30361452 369
30361453 369
30361455 369
30361460 369
30361801 369
30361817 369
30361832 369
30362001 369
30362032 369
30362401 369
30362417 370
30362432 370
30362460 370
30362601 370
30362617 370
30362665 370
30362681 370
30362697 370
30362901 371
30362902 371
30362904 371
30362905 371
30362920 371
30362932 371
30362949 371
30362950 371
30362952 371
30362957 371
30362959 371
30362961 371
30362963 371
30362965 371
30362969 371
30363027 371
30363029 371
30363031 382
30363032 392
30363033 392
30363150 371
30363163 371
30363202 371
30363204 371
30363206 371
30363208 371
30363210 371
30363212 371
30363301 371
30363317 371
30363501 371
30363549 371
30363801 374
30363817 374
30363832 374
30363848 374
30363852 374
30363860 374
30364020 374
30364024 374
30364044 376
30364046 376
30364050 376
30364055 376
30364060 376
30364101 374
30364117 374
30364132 374
30364148 374
30364152 374
30364160 374
30364184 374
30364846 372
30364855 372
30364905 372
30364923 372
30364924 372
30364930 372
30364934 373
30364936 373
30364940 373
30365190 373
30365192 373
30365201 373
30365203 373
30365206 373
30365211 373
30365216 373
30365221 373
30365226 373
30365290 373
30365300 373
30365301 373
30365302 373
30365304 373
30365305 373
30365309 373
30365310 373
30365311 373
30365312 373
30365313 373
30365317 373
30365320 373
30365323 373
30365332 373
30365333 373
30365334 373
30365335 373
30365336 373
30365340 373
30365342 373
30365344 374
30365346 373
30365348 373
30365349 373
30365350 373
30365352 373
30365356 373
30365357 373
30365358 373
30365359 373
30365360 374
30365362 374
30365365 374
30365367 374
30365370 374
30365372 374
30365381 374
30365383 374
30365385 374
30365450 374
30365470 374
30365501 376
30365512 376
30365524 376
30365566 376
30365616 377
30365624 377
30365640 374
30365643 374
30365646 374
30365649 374
30365652 374
30365655 374
30365670 373
30365680 374
30365682 374
30365701 377
30365717 377
30365732 377
30365765 377
30366001 377
30366017 377
30366032 377
30366048 377
30366081 377
30366097 377
30366113 377
30366147 377
30366148 377
30366149 377
30366155 377
30366701 377
30366736 377
30367339 377
30367341 377
30410010 389
30410015 389
30410500 389
30410505 389
30410510 389
30412436 379
30521001 384
30521020 385
30521021 385
30521038 385
30521042 385
30521044 385
30521050 385
30521064 385
30521070 385
30521073 392
30521075 385
30521080 385
30521090 385
30521092 385
30521310 385
30521313 385
30521317 385
30521334 385
30521342 385
30521380 385
30521390 391
30521391 391
30521392 391
30521393 391
30521394 391
30521395 391
30521401 386
30521408 386
30521500 386
30521520 386
30521607 386
30521609 388
30521611 388
30521613 388
30521615 388
30521620 388
30521621 388
30521622 388
30521625 388
30521626 388
30521632 386
30521634 386
30521636 386
30521648 386
30521660 386
30521665 386
30521681 386
30522001 386
30522032 386
30522050 386
30522501 386
30522532 386
30523025 386
30523026 388
30523027 388
30571009 379
30571015 379
30571025 379
30571037 379
30571309 379
30571315 379
30571325 379
30571337 379
30571415 379
30572025 379
30572037 379
30572425 379
30572809 379
30572825 379
30574015 379
30574409 379
30574415 379
30574425 379
30575001 380
30575017 380
30575027 380
30575032 380
30575048 380
30575401 380
30575417 380
30575432 380
30575801 380
30576001 380
30576002 380
30576003 380
30576609 380
30576617 380
30576625 380
30577009 380
30577017 380
30577025 380
30577050 380
30577060 380
30577065 380
30577329 380
30577527 380
30578005 381
30633808 389
30633812 389
30633835 389
30633850 389
30633852 389
30633856 389
30633860 389
30633865 389
30633881 390
30633884 390
30633930 390
30633935 390
30633940 390
30633980 390
30633988 390
30633994 390
30633998 390
30634001 390
30634005 390
30634008 390
30634010 390
30634015 390
30634020 390
30634025 390
30634030 390
30634035 390
30634040 390
30634045 390
30634050 390
30634065 390
30634070 390
30634100 390
30634102 390
30634104 391
30634105 391
30634106 391
30634107 391
30634108 391
30634110 391
30634150 391
30634152 391
30634154 391
30634156 391
30634158 391
30634160 391
30634380 399
30634410 399
30634500 399
30634505 399
30634510 391
30634515 201
30634516 201
30634517 201
30634520 399
30634525 399
30634530 399
30634534 399
30634535 399
30634540 201
30634542 201
30634543 201
30634545 399
30634546 400
30634547 400
30634549 400
30634551 398
30634555 400
30634556 201
30634562 398
30634564 398
30634575 398
30634576 398
30634578 398
30634580 398
30634582 398
30634584 398
30634586 398
30634588 398
30634590 398
30634591 398
30634592 398
30634593 398
30634594 398
30634595 398
30634596 398
30634601 400
30634610 400
30634616 400
30634630 400
30634640 400
30634642 400
30634646 400
30634648 400
30634650 400
30634652 400
30634656 400
30634658 400
30634660 400
30634662 400
30634664 400
30634666 400
30634668 400
30634670 400
30634672 400
30634686 400
30634688 400
30634690 400
30634694 401
30634700 401
30634702 401
30634704 401
30634706 401
30634710 367
30634715 401
30634720 401
30634800 397
30634805 397
30634810 397
30634815 397
30634820 397
30634825 397
30634830 397
30634832 397
30634835 397
30634840 397
30634845 397
30634848 397
30634850 397
30634855 397
30634857 397
30634860 397
30634865 397
30634867 397
30634869 397
30634870 397
30634875 397
30634880 397
30634885 397
30634890 397
30634910 401
30634912 401
30634914 401
30634916 401
30634918 401
30636001 381
30637012 381
30637015 381
30681010 391
30681016 391
30681020 391
30681034 391
30681040 391
30681050 391
30681202 391
30681203 391
30681204 391
30681206 391
30681410 391
30681426 391
30683524 391
30686740 391
30687316 391
30687320 391
30687701 391
30850940 382
30850946 382
30850948 382
30850972 382
30850974 382
30850977 382
30850978 382
30850980 382
30850982 383
30850984 383
30850987 383
30850994 383
30850996 382
30850998 383
30851000 383
30851005 383
30851007 383
30851010 383
30851012 383
30851014 383
30851016 383
30851298 383
30851300 383
30851303 383
30851305 383
30851308 383
30851310 383
30851317 383
30851319 387
30851321 387
30851601 383
30852320 366
30852801 395
30852803 395
30852805 395
30853701 395
30853795 395
30853796 396
30853835 396
30853850 396
30853860 396
30853870 396
30853872 396
30853880 396
30853884 396
30853886 396
30853895 396
30854605 396
30854645 396
30854650 396
30854651 396
30854653 397
30854654 397
30854655 397
30970903 371
30970904 371
30970905 371
30971361 372
30971362 372
30971451 372
30971452 372
30971471 372
30971472 372
30971615 372
30971616 372
30971617 372
30971618 372
30971639 372
30971640 372
30971701 372
30971702 372
30971703 372
30971704 372
30971901 372
30971902 372
30971903 372
30971905 372
30972101 372
30972102 372
30972701 372
30972702 372
30972703 372
30972801 372
30972802 372
30974304 375
30974307 375
30974354 375
30974357 375
30974362 374
30974404 374
30974407 374
30974454 374
30974457 374
30974485 375
30974489 375
30974493 375
30974496 375
30974512 375
30974604 375
30974608 375
30974625 375
30974635 375
30974640 375
30974655 375
30974670 375
30974675 375
30974680 376
30974904 375
30975000 376
30975005 376
30975010 376
30975015 376
30975017 376
30975020 376
30976408 391
30976414 391
30976416 391
30976440 391
30976708 391
30976714 391
30976718 391
30976720 391
30976728 391
30976740 391
30978009 377
30978012 377
30978015 377
30978017 377
30978018 377

30978019 378
30978020 378
30978021 378
30978022 378
30978023 378
30978024 378
30978025 378
30978026 378
30978027 378
30978028 378
30978029 378
30978030 378
30978031 378
30978032 377
30978033 378
30978035 377
30978050 377
30978053 378
30978054 378
30978064 378
30978067 378
30978082 377
30978084 377
30978086 378
30978088 378
30978099 378
30978165 378
30978170 378
30978175 378
30978180 378
30978185 378
30978195 250
30978196 378
30978197 378
30978204 378
30978208 378
30978408 378
30978418 378
30978620 378
30978621 379
30978624 379
30978625 379
30978627 379
30978628 379
30978648 379
30978981 381
32490002 410
32490017 410
32490049 410
32490050 410
32490065 410
32490081 410
32490097 410
32490113 410
32490129 410
32490145 410
32490161 410
32490177 410
32490209 410
32490225 410
32490229 410
32490273 410
32490289 410
32490321 410
32492017 411
32492032 411
32492048 411
32492065 411
32492081 411
32492097 411
32492113 411
32492128 411
32492177 411
32492193 411
32492209 411
32492257 411
32492273 411
32492289 411
32492294 411
32521001 411
32641024 411
32641040 411
32641056 411
32641072 411
32641088 411
32641096 411
32641120 411
32641128 411
32691001 411
32691008 411
32691024 411
32691032 411
32691040 411
32691048 411
32691056 411
32691064 411
32691080 411
32691088 411
33141016 411
33141024 411
33141032 411
33141040 411
33141048 411
33141056 411
33141064 411
33151001 412
33151096 412
33281040 411
33281048 411
33281088 411
33412017 411
33412032 411
33412048 411
33412050 411
33412064 411
33412080 411
33412096 411
33412112 411
33412128 411
33412176 411
33412192 411
33412208 411
33412224 411
33412240 411
33412256 411
33412272 411
33451001 411
33451008 411
33451016 411
33451032 411
33451040 411
33451048 411
33451064 411
33531001 345
33531002 345
33531003 345
33531004 345
33531006 345
33531007 346
33531009 346
33531012 345
33531013 346
33531014 346
33531015 346
33531016 346
33531017 346
33531019 346
33531020 346
33531022 346
33531024 346
33531025 346
33531029 346
33531030 345
33531031 345
33531035 346
33531040 345
33531054 345
33531056 345
33531060 323
33531062 323
33531064 323
33531090 346
33531107 346
33531109 347
33531111 347
33531118 347
33531121 347
33531123 347
33531125 347
33531127 347
33531136 347
33531137 347
33531138 347
33531139 347
33531140 347
33531141 347
33531142 347
33531143 347
33531620 347
33531625 347
33531640 347
33531643 347
33531645 347
33531646 345
33540010 347
33540032 347
33540052 347
33540072 347
33540080 347
33540115 347
33540120 348
33540125 348
33540130 348
33540145 348
33540175 323
33540195 348
33770050 348
33770070 348
33770072 348
33770076 348
33770080 348
33770100 348
33770140 348
33770200 348
33770220 349
33770450 350
33770465 237
33771017 352
33771302 349
33771305 352
33771306 352
33771307 352
33771308 352
33771309 352
33771310 352
33771311 352
33771312 352
33771318 352
33771323 352
33771325 352
33771327 352
33771329 352
33771332 352
33771335 349
33771340 349
33771345 349
33771601 350
33771603 350
33771606 350
33771611 350
33771615 351
33771620 351
33771625 351
33771630 351
33771646 351
33771648 351
33771651 351
33771653 351
33771655 351
33771660 351
33771661 351
33771662 351
33771667 351
33771670 351
33774000 355
33774010 355
33774020 355
33774340 349
33774341 349
33774342 349
33774344 349
33774345 349
33774370 349
33774372 352
33774375 349
33774376 349
33774378 349
33774380 349
33774382 349
33774385 349
33774398 349
33774402 349
33774410 349
33774414 350
33774416 349
33774417 349
33774420 349
33774421 349
33774426 349
33774427 349
33774428 349
33774430 349
33774435 349
33774436 349
33774437 352
33774438 349
33774447 346
33774453 346
33774454 341
33774457 350
33774459 352
33774461 355
33774462 355
33774463 355
33774464 350
33774466 352
33774467 350
33774468 350
33774469 350
33774471 353
33774472 355
33774474 353
33774476 355
33774479 350
33774480 355
33774482 353
33774484 355
33774485 356
33774487 353
33774488 353
33774492 353
33774495 356
33774499 356
33774500 349
33774510 397
33774548 348
33774550 348
33774555 348
33774560 349
33774576 323
33774578 323
33774582 353
33774584 353
33774592 353
33774594 353
33774600 353
33774605 353
33774620 353
33774630 353
33774650 353
33774655 353
33774660 353
33774700 349
33774701 350
33774702 349
33774704 349
33774720 349
33774914 356
33774916 356
33774918 356
33774923 356
33774925 356
33774932 356
33774935 356
33774945 356
33774950 356
33774955 356
33774960 356
33774967 356
33774990 356
33775000 356
33775005 356
33775015 356
33777990 363
33778016 363
33778018 363
33778800 362
33779020 362
33779025 363
33779030 363
33779095 362
33779098 362
33779101 363
33779105 362
33779109 362
33779117 362
33779119 363
33779127 363
33779128 363
33779129 363
33779131 363
33779137 363
33779205 357
33779230 357
33779233 357
33779235 357
33779240 357
33779251 357
33779308 358
33779311 358
33779314 358
33779317 358
33779322 358
33779324 358
33779338 358
33779340 358
33779342 359
33779381 358
33779382 358
33779383 358
33779384 358
33779385 358
33779386 358
33779387 358
33779388 358
33779389 358
33779390 358
33779391 358
33779392 358
33779393 358
33779394 358
33779395 359
33779396 359
33779398 359
33779399 359
33779400 359
33779402 359
33779414 359
33779418 359
33779419 359
33779495 357
33779500 357
33779503 357
34543047 12
34543049 37
34543052 37
34543054 36
34543056 36
34543063 36
34543064 36
34543073 36
34543080 36
34543081 36
34543093 36
34543094 36
34543105 36
34543150 36
34543160 36
34543165 36
34544042 38
34571042 36
34571048 35
34571050 35
34571055 35
34571057 35
34571058 35
34571059 37
34571062 37
34571085 37
34571199 37
34573110 37
34573112 37
34573231 39
34573239 39
34590001 38
34590003 38
34590005 37
34590007 37
34590009 37
34590011 37
34590013 37
34592417 38
34592419 38
34592421 38
34592423 39
34592426 39
34592428 39
34592717 39
34592735 38
34592754 38
34592756 38
34593989 39
34594118 39
34595099 35
34595101 35
34595104 35
34595107 35
34595110 35
34595140 38
34595220 38
34595222 38
34595234 38
34595247 39
37050515 413
37050530 413
37050535 413
37050540 413
37050912 412
37051012 412
37051018 412
37051055 412
37051070 412
37051080 412
37053721 412
37053723 412
37053750 412
37053758 412
37053785 412
37053789 412
37055008 413
37056100 413
37056108 413
37056116 413
37056263 413
37056265 413
37056268 413
37056270 413
37056271 413
37056272 413
37056277 413
37164670 86
37164675 86
37164680 86
37164685 86
37164866 85
37164957 85
37165000 85
37168500 86
37168508 86
37168512 86
37168550 86
37168555 86
37168560 86
37168565 86
37168570 86
37168700 87
37168702 87
37168708 87
37168730 87
37168731 87
37168732 87
37168733 87
37168734 87
37168736 87
37168737 87
37168740 87
37168745 87
37168748 88
37168755 88
37168760 88
37168762 88
37168780 88
37168805 88
37168807 88
37168815 88
37169017 85
37169021 85
37169024 85
37169037 85
37169046 85
37169055 85
37169656 88
37169670 88
37169672 88
37169700 88
37169702 88
37169723 88
37400014 97
37400050 97
37400052 97
37400054 97
37400202 22
37400218 97
37400225 98
37400226 98
37400250 98
37400265 98
37400270 97
37400272 97
37400276 97
37400278 98
37400280 98
37400286 98
37400288 98
37400290 98
37400295 98
37400300 98
37400310 97
37400315 98
37400320 98
37400450 98
37400452 99
37400454 99
37400456 99
37551032 414
37551040 414
37551044 414
37551048 414
37551056 414
37551064 414
37551072 414
37551080 414
37551088 414
37551096 414
37551112 414
37551116 414
37551124 414
37551132 414
37551140 414
37551148 414
37551156 414
37551162 414
37551170 414
37551178 414
37551186 414
37551192 414
37551198 414
37551206 414
37551214 414
37551222 414
37551230 414
37551238 414
37551252 414
37551260 414
37551268 414
37551276 414
37551282 414
37551290 414
37551298 414
37551306 414
37551314 414
37551322 414
37551330 414
37551338 414
37551346 414
37551354 414
37551362 414
37551370 414
37551378 414
37551386 414
37551394 414
37551402 414
37551410 414
37551418 414
37551426 414
37551434 414
37551442 414
37551450 414
37551458 414
37551466 414
37551474 414
37551482 414
37551490 414
37551498 414
37551506 414
37551514 414
37551522 414
37551530 414
37551538 414
37551546 414
37551554 414
37551562 414
37551570 414
37551578 414
37551586 414
37551592 414
37551600 414
37551608 414
37551616 414
37551622 414
37551630 414
37551638 414
37551654 414
37551662 414
37551670 414
37551678 414
37551686 414
37551692 414
37551700 414
37551708 414
37551716 414
37551722 414
37551730 414
37551738 414
37551746 414
37551754 414
37551762 414
37551770 414
37551778 414
37551786 414
37551792 414
37551800 414
37551808 414
37551816 414
37551822 414
37551830 414
37551838 414
37551856 414
37551862 414
37551870 414
37551878 414
37551886 414
37551892 414
37551900 414
37551908 414
37551916 414
37551922 414
37551930 414
37551938 414
37551946 414
37551954 414
37551962 414
37551970 414
37551978 414
37551986 414
37551992 414
37552000 414
37552008 414
37552016 414
37552024 414
37552032 414
37552040 414
37552048 414
37552056 414
37552062 414
37552070 414
37552078 414
37552086 414
37552094 414
37552102 414
37552106 414
37552110 414
37573065 414
37573101 414
37573116 414
37573122 414
37573132 414
37573140 414
37573150 414
37573154 414
37574124 414
37574140 414
37574148 414
37574154 414
37574158 414
37574162 414
37574174 414
37574178 414
37574186 414
37574194 414
37574202 414
37574210 414
37574218 414
37574226 414
37574234 414
37574242 414
37574250 414
37574258 414
37574266 414
37574274 414
37574282 414
37574290 414
37574298 414
37574306 414
37574314 414
37574322 414
37574338 414
37574346 414
37575721 415
37575723 415
37575725 415
37575729 415
37575731 415
37575733 415
37575739 415
37575741 415
37575745 415
37575749 415
37575753 415
37575757 415
37575761 415
37575765 415
37575769 415
37575771 415
37575773 415
37575775 415
37575777 415
37575781 415
37575785 415
37575789 415
37575793 415
37575797 415
37575801 415
37575805 415
37575810 415
37575814 415
37575818 415
37575826 415
37575830 415
37575834 415
37575838 415
37575842 415
37575846 415
37575850 415
37575854 415
37575868 415
37575872 415
37575876 415
37575880 415
37575884 415
37575888 415
37575892 415
37575896 415
37575900 415
37575904 415
37575908 415
37575912 415
37575916 415
37575924 415
37575928 415
37575932 415
37575934 415
37575936 415
37577810 415
37577812 415
37577814 415
37577816 415
37577818 415
37577820 415
37577822 415
37577824 415
37577826 415
37577828 415
37577830 415
37577832 415
37577834 415
37577836 415
37577840 415
37577842 415
37577844 415
37577848 415
37577850 415
37577854 415
37577855 415
37577856 415
37577860 415
37577862 415
37577864 415
37577866 415
37577868 415
37577870 415
37577872 415
37577873 415
37577874 415
37577876 415
37577878 415
37577882 415
37577884 415
37577886 415
37577888 415
37577903 415
37577905 415
37577907 415
37577909 415
37577911 415
37577913 415
37577915 415
37577917 415
38080010 417
38080020 417
38080030 417
38080040 417
38080050 417
38080060 417
38080070 417
38080080 417
38080090 417
38090010 416
38090020 416
38090030 416
38090040 416
38090050 416
38090051 416
38090060 416
38090061 416
38090062 416
38090063 416
38090064 416
38090065 416
38090068 416
38090071 416
38090072 416
38090074 416
38090080 416
38090081 416
38090082 416
38090083 416
38090084 416
38090086 416
38090087 416
38090089 416
38090092 416
38090095 416
38090096 416
38090097 416
38090098 416
38090099 416
38090100 416
38090101 416
38090103 416
38090104 416
38090107 416
38090110 416
38090113 416
38090114 416
38090115 416
38090116 416
38090117 416
38090119 416
38090200 416
38090201 416
38100020 417
38100025 417
38100030 417
38100050 417
38100060 417
38100070 417
38100080 417
38100110 417
38100120 417
38100130 417
38110010 418
38110020 418
38110030 418
38110040 418
38110050 418
38110060 418
38110070 418
38110080 418
38110090 418
38110100 418
38120010 417
38120020 417
38120030 417
38120040 417
38120050 417
38120060 417
38120070 417
38120080 417
38120090 417
38120100 417
38120120 417
38120130 417
38120140 417
38120150 417
38120160 417
38120170 417
38120180 417
38120190 417
38120200 417
38120210 417
38120220 417
38120230 417
38120240 417
38120250 417
38120260 417
38120270 417
38120280 417
38120290 417
38120300 417
38130010 418
38130020 418
38130030 418
38130040 418
38130050 418
38130060 418
38130080 418
38140020 418
38150010 418
38150020 418
38150030 418
38150040 418
38150060 418
38150070 418
38150090 418
38150100 418
38150110 418
38150120 418
38150125 418
38150130 418
38150140 418
38150150 418
38150160 418
38150170 418
38150180 418
38150190 418
38150200 418
38150205 418
38150210 418
38150220 418
38150230 418
38150231 419
38150235 418
38150240 419
38150250 418
38150260 418
38150270 418
38150275 418
38150280 418
38150285 417
38150290 418
38150300 418
38150310 418
38150320 418
38150330 418
38150340 418
38150345 418
38150350 418
38160010 419
38160020 419
38160030 419
38160040 419
38160050 419
38160060 419
38160070 419
38160080 419
38160090 419
38160100 419
38160110 419
38160112 419
38160114 419
38160116 418
38160118 419
38160120 419
38160130 419
38160140 419
38160145 419
38160155 419
38160160 419
38170010 419
38170015 419
38170020 419
38170025 419
38170030 415
38170035 415
38170040 415
38170050 415
38170060 415
38170065 415
38170070 415
38170075 415
38170080 415
38180020 416
38180030 416
38180040 416
38180050 416
38180060 416
38180080 416
38180090 416
38180100 416
38180110 416
38180113 416
38180116 416
38180119 416
38180120 416
38180121 416
38180122 416
38180123 416

38180124 416
38180126 416
38180128 417
38180130 417
38180131 417
38180132 417
38180134 417
38180135 417
38180136 417
38180137 417
38180140 417
38180143 417
38180146 417
38180147 417
38180149 417
38180152 417
38180155 417
38180157 417
38180158 417
38180161 417
38180163 417
38180164 417
38180165 417
38180166 417
38180167 417
38180169 417
38180170 417
38180171 417
38180173 417
38180175 417
38180176 417
38180177 417
38180186 417
38180190 418
38190010 419
38190020 419
38190030 419
38190040 419
38190050 419
38190060 419
38190070 419
38190080 419
38190090 419
38190100 419
38190110 419
38190120 419
38190130 419
38190140 419
38190150 419
38190170 419
38190180 419
38190190 419
38190195 419
38190200 419
38191001 416
38191003 419
38191004 415
38191005 415
38191006 419
38191007 415
38191008 415
38191010 420
38191011 415
38191015 420
38200010 419
38200015 419
38200020 419
38200025 419
38210010 416
38210020 416
38210030 416
38210035 416
38210040 415
38210045 416
38210060 415
38210065 416
38210070 416
38210080 416
38210090 416
38210095 415
38210100 416
38210110 416
38210120 415
38210130 416
38210140 416
38210150 416
38210155 416
38210160 419
38210170 416
38210180 416
38210190 416
38210200 416
38210210 416
38210220 416
38210235 419
38210240 415
38210250 415
38220010 419
38220030 418
38230010 416
38240010 420
38250010 419
38250030 419
38250040 419
38250050 413
38260010 420
38260020 420
38260030 420
38311015 292
38313575 292
38313578 292
38313581 292
38313587 292
38313589 292
38313591 292
38313592 292
38313600 292
38313603 292
38313606 292
38313612 292
38313614 292
38313616 292
38313617 292
38313625 292
38313628 292
38313631 292
38313637 292
38313639 292
38313641 292
38313642 292
38313650 292
38313653 292
38313656 292
38313662 292
38313664 292
38313666 292
38313668 292
38313675 292
38313678 292
38313681 292
38313687 292
38313689 292
38313691 292
38313693 292
38313700 292
38313703 292
38313706 292
38313712 292
38313714 292
38313716 292
38313718 292
38313725 292
38313728 292
38313731 292
38313734 292
38313737 292
38313739 292
38313743 292
38313750 292
38313753 292
38313756 292
38313762 292
38313764 292
38313766 292
38313768 292
38313775 292
38313778 292
38313781 292
38313787 292
38313789 292
38313791 292
38313793 292
38313800 292
38313803 292
38313806 292
38313809 292
38313812 292
38313814 292
38313816 292
38313825 292
38313827 292
38313829 292
38313831 292
38313833 292
38313835 292
38313837 292
38313915 292
38313920 292
38313925 292
38313930 292
38314000 292
38314050 292
38314100 292
38314150 292
38314160 292
38314195 292
38314200 292
38316000 457
38371108 359
38371492 359
38371645 359
38410005 447
38410007 448
38410010 448
38410016 448
38410030 448
38410040 448
38410090 448
38410849 447
38411040 447
38411056 447
38411085 447
38411090 447
38411104 447
38411120 447
38411121 447
38411125 447
38411130 447
38411135 447
38411140 447
38411145 447
38411190 447
38411309 448
38411318 448
38411325 447
38411330 447
38411335 447
38411340 447
38411405 447
38411410 447
38411415 447
38411420 447
38411425 447
38411430 447
38411435 447
38411610 447
38411620 447
38411622 447
38411630 447
38411632 447
38490276 444
38490306 444
38490320 444
38492219 449
38492235 449
38492251 449
38492255 449
38492258 449
38492260 449
38492262 449
38492264 449
38492379 449
38492568 449
38492584 449
38492655 450
38492656 450
38492660 450
38492665 450
38492670 450
38492675 450
38495012 439
38495020 439
38495021 442
38495022 442
38495023 442
38497805 439
38497885 441
38497887 441
38498500 441
38498625 441
38532032 439
38532064 439
38532080 439
38532084 439
38532086 439
38532480 443
38532496 443
38532512 443
38532528 443
38532544 443
38532576 443
38532592 443
38532624 443
38532672 443
38532752 444
38532768 444
38532800 444
38532832 444
38532928 444
38532944 444
38532946 444
38533040 444
38533044 444
38533048 444
38533052 444
38533056 444
38533060 444
38533064 444
38533068 444
38571010 439
38571220 439
38571240 440
38571256 440
38571273 440
38571301 440
38571350 440
38571355 440
38571360 440
38571401 444
38571402 444
38571407 444
38571501 440
38571550 440
38571557 440
38571572 442
38571575 442
38571580 442
38571595 442
38571605 442
38571653 444
38571661 442
38571662 442
38571663 442
38571664 442
38571665 440
38571667 442
38571668 442
38571669 442
38571690 440
38571702 444
38571704 444
38571706 444
38571708 444
38571710 444
38571711 444
38571712 440
38571715 444
38571718 441
38571724 441
38571730 441
38571735 441
38571736 443
38571737 443
38571738 443
38571739 443
38571745 441
38571746 443
38571747 443
38571748 443
38571749 443
38571750 443
38571751 443
38571752 443
38571753 443
38571754 443
38571755 443
38571756 443
38571757 443
38571758 443
38571759 443
38571761 443
38571765 440
38571766 443
38571770 443
38571771 443
38571772 443
38571773 443
38571774 443
38571775 443
38571776 443
38571780 442
38571782 442
38571805 441
38571825 440
38571868 440
38572000 446
38572001 446
38572002 447
38572004 447
38572006 447
38572008 447
38572010 447
38572012 446
38572014 446
38572016 446
38573032 444
38573050 444
38573052 444
38573054 444
38573056 444
38573058 444
38573060 444
38573064 444
38573066 444
38573068 444
38573070 444
38573120 445
38573136 445
38573152 445
38573272 445
38573288 445
38573302 445
38573417 445
38573432 445
38573512 445
38573528 445
38573560 445
38573576 445
38573728 445
38573744 445
38573792 445
38573808 445
38573910 445
38573912 445
38574432 445
38574448 445
38574496 445
38574512 445
38574648 445
38574808 445
38574816 445
38574832 445
38574834 445
38574840 445
38574842 445
38574844 445
38574850 445
38574855 445
38574865 445
38574874 445
38574876 445
38574878 445
38574879 445
38574892 445
38574918 445
38574940 445
38574946 445
38574950 446
38574952 446
38574954 446
38574956 446
38574958 446
38574960 446
38574962 446
38574964 446
38574966 446
38574968 446
38574970 446
38574972 446
38574973 446
38574974 445
38574975 445
38574976 445
38574979 445
38574980 446
38574982 446
38574984 446
38574986 446
38574988 446
38574990 446
38574992 446
38574994 446
38574996 446
38575032 446
38575035 446
38575248 446
38575280 446
38575296 446
38575328 446
38575456 446
38575550 446
38575558 446
38575698 446
38575699 446
38576000 446
38576001 446
38576116 446
38576124 446
38576132 446
38576165 446
38576168 446
38576302 446
38613920 449
38614017 449
38614510 449
38614515 449
38615200 448
38615202 448
38615793 448
38615795 449
38615801 449
38616001 449
38616004 449
38616008 449
38616012 449
38616016 449
38616020 449
38616024 449
38616028 449
38616036 449
38616050 449
38616055 449
38616060 449
38616065 449
38616070 449
38616075 449
38616085 449
38616090 449
38850927 99
38850940 99
38851001 99
38852301 99
38856555 99
38856617 99
38856630 99
38857018 78
38901004 146
38901005 146
38901007 146
38901008 146
38901010 146
38901015 146
38901016 146
38901020 151
38901030 151
38903304 149
38903337 149
38903352 149
38903360 144
38905010 146
38905011 146
38905021 146
38905022 146
38905023 146
38905035 146
38954000 99
38954020 99
38954025 99
38954030 99
39052050 100
39052330 100
39052400 100
39155002 100
39155015 100
39155028 100
39155047 100
39155200 62
39155210 62
39155215 62
39155600 100
39155605 40
39155610 100
39155615 100
39155620 100
39155640 40
39155650 41
39155655 41
39155680 41
39155690 41
39494737 40
39494739 40
39494741 40
39494742 40
39496010 41
39531110 106
39531112 106
39654050 146
39654052 146
39654053 146
39654220 144
39654223 144
39654226 144
39654228 144
39654260 144
39654263 144
39732865 299
39732868 299
39732870 300
39734230 144
39734232 144
39734235 144
39734237 144
39734241 144
39734242 144
39734243 144
39734245 144
39734248 144
39734250 145
39737025 51
39737030 51
39737034 52
39737041 147
39737044 147
39737095 147
39737100 147
39772030 149
39772032 149
39772034 149
39772036 149
39774000 148
39774006 148
39774024 147
39774032 148
39774160 148
39774190 148
39774195 148
39774200 148
39774205 148
39774210 148
39774215 148
39774701 148
39774732 148
39774852 148
39775800 148
39775810 148
39775830 148
39775900 148
39775910 148
39776030 136
39776038 148
39776040 148
39776047 148
39776048 148
39776050 148
39776063 148
39776064 148
39776065 148
39776066 149
39776067 149
39776069 149
39776072 149
39776074 149
39776076 149
39776077 149
39776078 149
39776079 149
39776080 149
39776086 149
39776089 149
39776093 149
39776099 149
39776100 147
39776103 147
39776110 147
39776116 147
39776117 147
39776120 147
39776125 147
39776130 147
39776135 150
39776193 150
39776195 150
39776197 150
39776199 150
39776200 150
39776203 47
39776205 150
39776210 150
39776215 150
39776218 150
39776220 150
39776260 150
39776262 150
39776264 150
39776266 150
39776268 150
39776270 150
39776320 150
39776325 150
39776330 150
39776335 150
39776340 147
39776350 147
39776355 147
39776360 147
39810250 62
39810254 63
39810258 63
39810262 63
39810854 44
39810856 44
39810857 127
39810859 127
39810872 47
39810873 47
39810874 49
39810876 49
39810879 49
39810880 49
39811065 47
39811490 49
39811495 49
39811537 12
39811539 12
39811541 12
39811572 127
39811574 127
39811578 127
39811581 127
39812060 59
39812065 59
39812400 53
39812402 53
39812405 54
39812410 54
39812416 54
39812420 54
39812438 54
39812440 54
39812442 54
39812444 53
39812450 53
39812452 53
39812454 53
39812456 53
39812458 53
39812460 53
39812462 53
39812468 53
39812470 53
39812472 53
39812475 53
39812498 106
39812500 106
39812502 106
39812506 106
39812530 54
39812531 54
39812537 54
39812538 54
39812539 54
39812540 59
39812541 59
39812542 59
39812543 59
39812545 59
39812546 59
39812547 59
39812548 59
39813002 59
39813004 59
39813009 54
39813361 60
39813363 60
39813367 285
39814062 60
39814110 60
39814115 60
39814120 60
39814125 60
39814220 60
39814232 51
39814260 60
39814280 60
39814281 60
39814288 60
39814289 60
39814292 145
39814293 145
39814330 145
39814402 56
39814404 56
39814406 56
39814408 56
39814517 49
39814519 33
39814522 33
39814524 33
39814526 33
39814527 33
39814528 33
39814529 33
39814531 33
39814532 33
39814541 62
39814542 62
39814543 62
39814544 62
39814700 62
39814701 62
39814702 62
39814703 62
39814705 62
39814707 62
39814710 62
39814715 62
39814717 62
39814750 62
39814752 62
39814754 62
39814756 62
39814908 44
39814917 44
39814918 44
39814923 44
39814925 44
39814927 45
39815150 45
39815155 45
39815220 45
39815221 45
39815222 45
39815223 45
39815224 47
39815225 47
39815228 47
39815229 47
39815236 49
39815240 49
39815244 49
39815248 49
39815249 125
39815251 125
39815390 60
39815392 60
39815394 60
39815396 60
39815398 60
39815400 60
39815401 61
39815402 61
39815406 61
39815408 61
39815910 30
39816003 31
39816004 143
39816005 31
39816007 31
39816012 54
39816015 55
39816016 106
39816017 106
39816018 55
39816019 63
39816025 55
39816026 106
39816027 106
39816028 55
39816029 55
39816040 55
39816045 55
39816050 55
39816055 55
39816065 61
39816067 61
39816070 61
39816071 61
39816075 61
39816076 61
39816090 56
39816102 59
39816110 56
39816115 56
39816131 47
39816135 47
39816137 47
39816141 47
39816145 47
39816150 47
39816158 63
39816160 63
39816162 63
39816164 47
39816166 47
39816168 47
39816170 48
39816172 48
39816177 48
39816183 151
39816184 151
39816185 150
39816186 151
39816187 151
39816188 145
39816190 145
39816195 151
39816200 48
39816202 48
39816204 48
39816210 48
39816212 48
39816214 48
39816216 48
39816218 48
39816226 143
39816230 56
39816310 55
39816402 63
39816600 51
39816710 46
39817002 53
39817004 53
39817120 61
39817122 61
39817155 56
39817158 56
39817162 56
39817178 56
39817195 61
39817215 61
39817220 56
39817230 56
39817253 33
39817257 33
39817263 33
39817265 33
39817400 57
39817407 57
39817408 57
39817412 57
39817416 57
39817420 57
39817425 57
39817427 57
39817430 31
39817702 43
39817706 43
39817710 43
39817718 43
39817720 45
39817728 45
39817736 45
39817738 46
39817742 46
39817744 46
39817746 46
39817750 48
39817754 48
39817812 45
39817813 45
39817814 45
39817820 46
39817821 46
39817908 49
39817934 46
39817936 43
39817954 44
39817980 45
39818004 52
39818006 52
39818015 52
39818020 51
39818021 51
39818022 51
39818023 51
39818024 51
39818025 51
39818027 51
39818030 51
39818033 51
39818040 52
39818050 52
39818060 52
39818062 52
39818216 48
39818218 48
39818223 48
39818233 48
39818800 46
39819030 49
39819032 44
39819034 47
39819036 46
39819040 48
39819046 57
39819050 48
39819090 50
39819105 127
39819110 127
39819119 49
39819192 48
39819193 48
39819196 48
39819197 48
39819200 48
39819207 48
39819214 49
39819252 57
39819254 57
39819256 57
39819328 49
39819665 61
39819667 61
39819700 57
39819706 58
39819708 58
39819710 57
39819712 58
39819715 57
39819717 58
39819720 57
39819750 58
39819755 58
39819777 58
39819780 58
39819782 58
39819786 58
39819790 58
39819792 58
39819794 58
39819796 58
39819802 58
39819893 50
39893084 393
39893110 392
39893115 392
39893117 392
39893120 392
39893122 392
39893123 392
39893124 392
39893299 393
39893300 393
39893303 393
39893304 393
39893306 393
39893307 393
39893309 393
39893311 393
39893313 393
39893314 393
39893321 393
39893325 393
39893327 398
39893331 392
39893341 392
39893343 394
39893348 392
39893350 394
39893355 394
39893360 394
39893365 399
39893366 399
39893367 398
39893370 394
39893375 394
39893380 398
39893385 394
39893390 394
39893395 398
39893400 394
39893406 402
39893410 399
39893415 402

39893420 394
39893425 394
39893602 398
39893604 398
39893606 398
39893830 394
39893832 395
39893834 395
39893836 395
39893838 366
39893840 395
39893845 395
39893848 366
39893850 394
39893852 395
39893854 395
39893855 366
39893856 395
39893857 366
39893860 395
39893863 402
39893865 395
39893867 402
39893870 401
39893880 366
39893900 399
39894003 101
39894004 101
39894020 101
39894035 101
39894038 101
39894042 102
39894048 102
39894060 102
39894062 102
39894063 102
39894067 392
39894085 71
39894086 71
39894087 71
39894088 71
39894089 71
39894090 71
39894091 392
39894094 71
39894096 71
39894106 101
39894110 100
39894120 100
39894123 100
39894125 100
39894127 101
39894134 88
39894138 101
39894142 101
39894200 100
39894210 100
39894213 68
39894216 101
39894255 68
39894260 68
39894295 68
39894320 68
39894345 69
39894355 69
39894365 69
39894382 69
39894385 69
39894398 69
39894410 89
39894415 89
39894418 89
39894422 89
39894506 69
39894512 69
39894516 69
39894528 69
39894530 69
39894542 69
39894546 69
39894552 69
39894556 70
39894572 59
39894576 59
39894580 61
39894584 61
39894614 395
39894744 70
39894748 70
39894766 65
39894770 65
39894780 70
39894783 70
39896015 395
39896020 395
39896025 395
39896543 70
39896547 70
39896552 70
39896555 70
39896565 70
39896568 70
39897517 106
39898001 106
39898004 106
39898019 106
39898100 106
39898105 106
39899160 145
39899175 145
39899206 127
39899208 127
39899400 106
39899405 106
39899420 106
39899425 106
39899435 106
39899437 106
39899500 107
40082017 450
40082020 450
40320186 79
40320441 83
40320791 79
40320821 79
40320854 79
40320921 79
40320931 79
40320932 83
40320941 83
40320951 79
40320971 80
40320986 80
40321316 83
40321626 80
40321936 80
40322071 80
40322127 82
40322211 83
40322221 83
40322266 83
40322282 82
40322321 83
40322376 83
40322526 80
40322531 80
40322616 80
40322640 80
40322686 80
40322696 80
40322726 80
40322761 80
40322791 80
40322821 80
40322896 80
40322966 80
40323033 83
40323041 80
40323082 83
40323111 80
40323116 80
40323447 83
40323741 81
40323931 81
40323941 81
40323946 81
40324081 81
40324136 81
40324269 81
40324551 81
40324571 83
40324611 81
40324621 81
40324626 81
40324681 81
40324693 83
40324781 81
40324796 81
40324861 81
40324891 81
40324946 81
40325016 83
40325041 81
40325051 81
40325091 81
40325103 82
40325106 82
40325111 82
40325171 82
40325231 82
40325310 82
40325341 82
40325361 82
40325366 82
40325396 82
40325456 82
40325476 79
40325496 83
40325585 82
40325652 83
40325656 82
40325671 82
40325700 82
40325749 82
40325763 82
40325765 82
40451285 371
41011004 424
41011008 424
41061001 424
41061065 424
41061080 424
41111001 421
41112501 421
41113501 421
41114501 421
41115001 422
41162001 422
41162017 422
41162032 422
41163007 422
41163017 423
41163020 423
41163532 422
41163535 422
41163549 422
41163550 422
41163565 422
41163581 422
41163584 422
41163590 422
41163600 422
41163605 422
41163620 422
41164040 422
41164045 422
41164060 422
41164065 423
41164070 423
41164075 423
41164080 423
41164105 423
41164111 423
41164130 423
41164135 423
41164140 423
41164145 423
41166505 423
41166510 423
41166515 423
41166520 423
41166525 423
41166530 423
41166535 423
41166550 423
41166555 423
41166560 423
41168006 423
41168025 423
41168027 423
41168039 423
41272002 420
41272026 420
41272202 420
41274401 420
41274601 420
41274635 420
41274643 420
41276001 424
41276032 424
41276048 424
41276501 424
41276512 424
41276524 424
41276536 424
41276548 424
41276560 424
41321001 424
41321016 424
41371016 420
41372001 421
41372032 421
41372048 421
41372065 421
41372501 421
41372532 421
41373501 420
41375066 421
41376201 421
41376401 421
41376601 421
41376901 421
41376905 421
41377201 421
41377205 421
41379080 421
41379085 421
41379086 421
41691345 40
41691353 40
41691355 40
41691357 40
41856908 34
41856910 34
41856912 34
41856914 34
41856918 34
41856920 34
41857002 34
41857208 34
41857211 34
41857216 35
41857228 35
41857314 35
42092860 34
42092883 35
42097005 34
42175013 131
42175279 131
42175283 131
42175287 131
42175291 131
42175295 131
42175299 131
42450334 452
42450335 452
42450336 452
42450337 452
42450338 452
42450339 452
42450340 452
42450341 452
42451820 450
42451825 450
42451900 452
42451910 452
42451990 451
42452001 451
42452002 451
42452003 451
42452004 451
42452006 451
42452007 451
42452008 451
42452009 451
42452011 451
42452012 451
42452014 451
42452015 452
42452020 452
42452030 452
42452035 453
42452050 452
42452055 452
42452060 432
42452080 451
42452083 451
42452086 451
42452089 451
42452092 451
42452095 451
42452098 451
42452101 451
42452105 452
42452200 451
42452205 451
42452215 451
42452220 451
42452230 451
42452235 451
42452240 451
42735511 299
43000820 199
43000822 199
43000826 199
43000882 199
43000883 200
43000890 199
43000895 199
43000899 199
43000926 200
43000931 199
43000932 200
43000936 200
43006340 200
43006350 200
43008569 200
43008632 201
43008638 201
43008639 201
43008652 201
43008654 201
43008680 201
43008682 201
43008683 201
43008689 201
43008696 201
43008706 201
43020002 200
43020009 200
43020014 198
43020019 198
43020022 199
43070005 205
43070081 132
43070087 132
43070088 132
43070099 132
43070103 133
43070104 133
43070115 133
43070120 133
43070131 133
43070132 133
43070133 133
43070135 133
43070136 133
43070156 133
43070157 133
43070163 134
43070165 134
43070171 133
43070187 133
43070195 134
43070202 205
43070203 205
43070225 205
43070240 205
43070673 132
43070735 132
43070742 133
43070743 133
43070745 132
43070746 132
43070747 132
43070748 132
43070749 132
43070752 132
43071150 205
43071192 203
43071194 203
43071196 204
43071200 204
43071205 204
43071215 204
43071575 204
43071602 204
43071610 204
43072008 202
43072009 202
43072015 202
43072016 202
43072032 202
43072040 202
43073230 203
43073250 203
43073256 203
43074501 203
43074502 203
43075002 202
43075003 202
43075009 202
43075011 202
43075013 202
43075028 202
43075034 202
43075035 202
43075040 202
43075044 203
43075046 203
43075048 203
43075049 203
43075050 203
43075052 203
43075054 203
43075055 203
43075056 203
43075058 203
43075060 203
43075072 203
43075113 202
43075117 202
43075150 203
43075155 203
43075160 203
43075165 203
43075652 39
43075653 39
43075655 205
43075660 205
43075781 331
43075785 331
43075788 331
43075789 332
43080011 198
43080019 198
43080038 70
43080075 133
43080111 134
43080120 134
43080122 134
43080124 134
43080127 134
43080132 134
43080142 134
43080146 205
43080150 205
43080152 181
43080154 181
43080162 205
43080190 299
43080323 134
43080328 134
43080329 134
43080330 134
43080331 134
43092710 13
43095095 86
43095201 13
43095203 13
43095208 13
43095258 13
43095276 11
43095470 13
43099110 13
43099178 13
43099267 13
43099363 13
43099366 13
43099372 13
43099375 13
43099378 13
43099381 13
43099391 13
43099406 14
43099415 14
43099416 14
43099417 14
43099734 14
43099746 14
43120690 21
43121214 21
43121318 22
43121488 21
43121545 22
43122020 22
43130113 128
43130114 128
43130134 128
43130135 128
43130139 120
43130142 108
43130152 108
43130157 108
43130162 108
43130172 123
43130181 123
43130183 124
43130188 124
43130189 124
43130190 124
43130199 124
43130200 124
43130201 107
43130202 107
43130203 107
43130204 107
43130205 24
43130206 124
43130207 107
43130219 107
43130222 128
43130223 107
43130226 108
43130229 108
43130237 108
43130239 109
43130241 128
43130242 128
43130244 109
43130251 128
43130252 128
43130256 122
43130257 128
43130261 128
43130266 120
43130273 120
43130274 120
43130275 121
43130276 121
43130277 121
43130288 107
43130296 107
43130301 107
43130303 120
43130307 120
43130309 107
43130310 120
43130311 120
43130312 120
43130313 120
43130314 120
43130315 108
43130317 120
43130318 109
43130319 120
43130321 120
43130323 109
43130390 108
43130435 123
43130437 123
43130440 123
43130445 123
43130448 66
43130450 123
43130452 123
43130454 123
43130455 123
43130457 66
43130458 123
43130460 109
43130463 121
43130465 109
43130467 122
43130469 122
43130472 109
43130473 109
43130475 109
43130476 66
43130477 109
43130478 110
43130481 110
43130482 110
43130483 110
43130484 110
43130485 110
43130486 110
43130487 110
43130488 110
43130489 111
43130490 111
43130493 111
43130494 128
43130496 128
43130497 128
43130500 111
43130507 111
43130510 111
43130598 111
43130599 111
43130602 111
43130612 113
43130616 113
43130618 113
43130626 113
43130628 113
43130636 113
43130640 113
43130646 113
43130652 113
43130655 114
43130657 113
43130659 114
43130670 114
43130677 114
43130679 114
43130683 114
43130685 114
43130686 114
43130688 114
43130696 114
43130700 115
43130720 115
43130722 115
43130761 115
43130763 115
43130772 115
43130774 115
43130779 115
43130781 115
43130785 116
43130795 116
43130800 116
43130873 121
43130878 121
43130880 121
43130886 129
43130888 129
43130890 129
43130894 129
43130898 116
43130930 66
43131023 16
43131025 16
43131026 16
43131027 16
43131028 16
43131029 16
43131031 16
43131032 16
43131040 16
43131045 16
43131052 16
43131060 16
43131116 16
43131126 16
43131130 16
43131136 16
43131140 16
43131148 16
43131232 16
43131237 16
43131240 16
43131325 16
43131328 16
43131331 16
43131345 18
43131354 16
43131357 16
43131369 18
43131371 16
43131374 16
43131377 16
43131380 16
43131384 16
43131388 16
43131392 16
43131396 16
43131400 16
43131804 18
43131806 18
43131814 18
43131821 18
43131822 18
43131823 18
43131824 18
43131826 18
43131827 18
43131828 18
43131830 18
43131831 18
43131832 18
43131833 18
43131834 18
43131835 18
43131836 18
43131837 18
43131838 18
43131839 18
43131840 18
43131841 18
43131842 18
43131843 18
43131844 18
43131845 19
43131846 19
43131847 18
43131848 19
43131849 19
43131850 124
43131851 19
43131852 18
43131853 18
43131854 18
43131855 18
43131857 18
43131860 124
43131862 19
43131865 19
43131870 124
43131880 124
43131885 19
43131886 19
43131887 19
43131888 124
43131889 124
43131894 124
43132026 19
43135802 116
43135817 116
43135820 116
43135824 116
43135900 124
43135902 125
43135903 125
43135905 121
43135910 121
43135920 121
43136028 129
43136029 129
43136031 116
43136033 117
43136036 117
43136041 117
43136046 117
43136051 117
43136054 117
43136061 117
43136062 117
43136067 117
43136071 118
43136076 118
43136078 118
43136081 118
43136086 118
43136111 125
43136114 125
43136115 125
43136120 125
43136125 125
43136141 121
43136146 122
43136151 122
43136155 122
43136160 122
43136175 118
43136180 118
43136190 129
43136192 118
43136194 118
43136195 129
43136196 129
43136197 119
43136200 119
43136205 119
43136298 129
43136300 119
43136306 119
43136309 119
43136312 129
43136318 119
43136320 122
43136325 119
43136330 119
43136332 123
43136400 125
43136405 125
43136462 66
43136488 129
43136490 129
43136492 129
43136494 129
43136495 129
43136496 129
43136498 129
43136510 130
43136518 130
43136528 130
43136530 130
43136532 130
43136534 130
43136536 130
43136538 130
43136540 130
43136542 130
43136544 130
43136566 130
43136614 131
43136650 131
43136651 131
43136654 131
43136655 131
43136658 131
43136659 131
43136662 131
43136663 131
43136664 131
43136666 131
43136668 131
43136670 131
43136672 131
43137140 130
43137616 108
43138410 122
43138415 122
43138420 122
43138422 122
43138610 131
43138615 131
43138620 131
43138625 131
43138630 131
43138635 131
43138650 131
43138655 131
43140005 126
43140007 126
43140010 126
43140017 126
43140030 126
43140035 126
43140068 127
43140070 127
43140072 126
43140086 127
43140148 126
43140149 126
43140150 126
43140151 126
43140153 127
43140154 127
43140160 127
43140165 126
43140175 127
43140195 127
43140199 128
43140210 126
43140443 126
43140445 126
43140448 126
43140575 126
43150162 210
43150230 207
43150231 207
43150242 207
43150250 207
43150262 207
43150265 207
43150403 210
43150404 212
43150406 210
43150407 210
43150411 210
43150412 210
43150418 212
43150420 212
43150521 215
43150571 216
43150573 216
43150744 211
43150790 212
43150792 212
43150868 212
43150870 212
43150885 212
43150930 211
43150936 211
43150938 211
43150940 211
43150942 211
43150972 212
43150974 212
43150976 212
43150978 212
43151030 213
43151055 213
43151070 213
43151075 213
43151078 213
43151080 213
43151090 213
43151096 213
43151105 213
43151166 71
43151176 71
43151205 213
43151207 213
43151225 214
43151235 214
43151237 214
43151239 214
43151245 320
43151250 320
43151255 214
43151259 214
43151280 71
43151285 71
43151290 72
43151300 214
43151304 214
43151308 214
43151312 214
43151320 214
43151330 215
43156005 211
43156060 211
43156100 211
43156110 211
43156115 211
43156120 211
43156122 211
43156125 211
43156130 211
43158025 215
43158030 215
43158110 215
43158115 215
43158120 215
43158125 215
43158130 215
43158895 216
43158990 212
43158991 212
43160002 207
43160006 207
43160027 208
43160028 208
43160036 208
43160045 208
43160046 208
43160048 208
43160050 208
43160055 208
43160056 208
43160090 208
43160092 208
43160116 208
43160118 208
43160140 208
43160142 208
43160310 209
43160320 209
43160335 209
43160383 209
43160385 209
43160387 209
43160389 209
43160391 209
43160402 209
43160405 209
43160482 209
43160485 209
43160602 209
43160702 210
43160802 210
43160902 210
43161000 210
43161100 210
43170454 26
43170458 26
43170464 26
43170541 211
43170994 215
43170995 215
43171001 215
43171006 215
43171008 215
43171112 216
43171123 216
43171132 216
43171202 215
43171203 210
43171204 215
43171315 216
43171460 217

43171470 217
43172007 216
43172026 216
43172072 216
43172080 216
43172082 216
43190115 19
43190120 20
43190382 14
43190396 14
43190399 14
43190408 14
43190412 14
43190449 14
43190459 14
43190473 15
43190474 15
43190477 15
43190525 125
43190526 20
43190527 20
43190529 125
43190552 15
43190557 15
43190559 15
43190636 14
43190782 15
43190785 15
43190786 15
43190790 15
43190798 15
43190815 16
43190845 16
43190910 11
43190915 11
43191013 20
43191020 20
43191832 18
43192005 20
43192010 20
43192011 20
43192017 20
43192018 20
43192078 20
43192088 20
43192100 20
43192211 20
43192220 20
43197026 20
43212004 428
43212008 428
43213004 428
43213008 428
43321301 429
43322001 429
43323350 429
43323353 429
43323390 429
43323392 429
43323394 429
43323396 429
43323402 429
43323405 429
43323410 429
43323517 429
43324001 429
43324017 429
43324049 429
43327002 428
43327003 428
43327004 428
43327005 428
43327008 428
43327010 428
43328002 428
43328003 428
43576510 425
43576515 425
43576520 425
43576596 425
43576600 425
43576604 425
43576608 425
43576612 425
43576618 425
43576621 425
43576629 425
43576633 425
43576640 425
43576644 425
43576648 425
43576650 425
43576652 425
43576654 425
43576656 425
43576660 425
43576666 425
43576668 425
43576670 425
43576672 425
43576684 425
43576687 425
43576688 425
43576700 425
43576702 425
43576704 425
43576706 425
43576708 425
43576710 425
43576711 425
43576713 426
43576722 426
43576724 426
43576726 426
43576728 426
43576737 426
43576739 426
43576742 426
43576744 426
43576756 426
43576758 426
43576760 426
43576761 426
43576762 426
43576763 426
43576764 426
43576765 426
43576772 426
43576778 426
43576787 426
43576789 426
43576794 426
43576796 426
43576811 426
43576817 426
43576822 426
43576824 426
43576825 426
43576826 426
43576827 426
43576828 426
43576862 427
43576864 427
43576865 427
43576866 427
43576867 427
43576868 427
43576869 427
43576870 427
43576871 427
43576873 427
43576874 427
43576875 427
43576876 427
43576877 427
43576878 427
43576879 427
43576881 427
43576885 427
43576895 427
43576897 427
43576899 427
43576904 427
43576909 427
43576912 375
43576913 375
43576914 375
43576916 375
43576920 427
43576926 427
43576929 427
43576950 427
43576955 427
43576960 427
43576965 427
43576975 427
43577001 427
43577006 427
43577009 427
43577012 427
43577015 427
43577018 427
43577021 428
43577024 426
43577027 428
43577030 425
43577033 427
43577036 427
43577039 427
43577042 427
43577045 427
43577048 427
43577051 428
43577054 426
43577057 428
43577060 428
43577063 425
43577066 427
43577069 427
43577072 427
43577075 427
43577078 427
43577081 427
43577084 428
43577087 428
43577090 428
43577093 429
43577095 429
43577099 428
43577250 428
43651001 424
43651002 424
43651004 424
43651901 424
43651931 424
43651932 424
43651933 424
43651934 424
43651935 424
43651938 424
43652814 424
43652815 424
43701185 429
43701201 429
43701233 429
44201278 486
44201280 487
44201282 487
44201285 486
44201286 487
44201290 487
44201335 487
44201355 486
44201365 486
44201425 488
44363990 488
44364010 496
44364020 496
44365000 488
44365003 489
44365004 489
44365029 488
44365030 488
44365031 488
44365035 490
44365040 493
44365060 490
44365066 490
44365074 489
44365075 489
44365080 488
44365090 488
44365100 489
44365105 489
44365110 489
44365115 489
44365117 489
44365120 488
44365122 488
44365135 489
44365137 489
44365140 489
44400001 469
44400006 469
44400007 469
44400015 469
44400016 469
44400017 469
44400018 469
44400019 469
44400020 469
44400021 469
44400022 469
44400023 469
44400024 469
44400025 469
44400030 469
44400036 469
44400037 469
44426072 476
44426185 476
44482100 477
44482102 477
44482104 477
44482291 476
44482292 476
44482294 476
44482296 476
44482517 477
44482532 477
44482540 477
44482570 477
44482572 478
44488090 478
44488095 478
44488100 478
44488105 478
44488110 478
44488113 479
44488205 479
44488207 479
44488208 479
44488218 479
44488220 484
44488228 479
44488231 480
44488240 480
44488243 480
44488249 495
44488252 480
44488254 490
44488256 480
44488260 480
44488280 480
44488290 481
44488295 481
44488300 481
44488320 481
44488325 481
44488400 481
44488501 495
46010100 481
46010104 481
46010106 481
46010108 481
46010110 481
46010112 482
46010114 482
46010116 482
46010118 482
46010125 482
46010130 482
46010140 482
46010145 482
46010150 482
46010155 482
46010160 482
46010165 482
46010170 482
46010190 482
46010203 483
46010206 483
46010209 483
46010230 483
46010233 483
46010236 483
46010248 483
46010460 483
46011525 483
46011529 483
46011560 483
46011562 483
46011565 483
46011581 484
46011599 484
46011600 484
46011602 484
46011604 484
46011605 484
46011608 484
46011610 484
46011612 484
46011614 484
46011620 484
46011622 484
46011630 484
46011634 484
46011695 484
46011705 484
46011706 484
46011735 484
46011736 484
46011767 484
46011768 484
46011769 484
46011770 484
46011781 484
46011782 484
46181065 486
46181129 486
46181161 486
46181177 486
46412017 486
46412021 486
46422010 484
46430001 487
46430013 487
46430020 493
46430141 488
46440001 485
46440005 485
46440007 485
46440010 485
46440015 485
46440020 485
46440030 485
46440045 485
46440200 485
46450001 481
46460001 487
46460010 487
46460020 487
46950010 496
47031010 494
47032100 494
47032112 494
47032204 494
47032212 494
47032217 494
47032220 494
47032225 494
47032405 494
47032410 494
47050416 493
47050420 493
47050425 493
47050430 493
47050460 493
47054045 495
47054048 495
47054049 495
47054050 495
47054052 495
47054053 495
47054058 495
47054062 495
47054064 495
47054065 63
47460990 486
47461010 486
47650001 490
47650005 490
47650010 490
47650012 490
47650045 490
47650052 490
47650100 491
47650160 491
47650170 491
47650180 491
47650200 491
47650220 492
47651075 491
47652000 492
47652020 492
47652039 492
47652040 492
47652049 492
47652050 492
47652060 493
47653000 493
47660001 496
47660100 496
49161085 341
49161091 341
49161200 341
49161205 341
49161211 341
49161216 341
49161572 242
49161575 242
49161590 242
50080985 453
50161032 453
50161037 453
50161040 453
50321005 457
50401450 453
50401452 453
50401454 453
50401456 453
50401480 453
50401482 453
50401562 453
50401563 432
50401564 453
50401805 453
50401900 453
50401950 453
50402071 453
50402072 454
50402075 454
50402085 454
50402088 454
50402090 454
50402092 454
50402093 454
50402094 454
50402095 454
50402096 454
50402097 454
50402105 454
50404995 454
50405001 454
50405017 454
50405020 458
50405022 458
50405027 458
50405032 458
50405034 458
50405040 458
50405042 458
50405060 454
50405065 454
50405070 455
50405072 455
50405100 457
50405130 460
50405150 464
50405155 464
50405160 454
50405162 454
50406005 469
50406050 470
50482045 455
50482048 455
50482050 456
50482052 456
50482054 456
50483093 456
50483101 456
50483205 456
50562680 456
50562800 456
50562957 456
50572560 456
50572950 456
50641102 456
50641110 457
50641118 457
50721192 457
50881012 459
50921000 432
50921001 457
51040545 457
51040550 457
51281032 461
51281033 461
51281037 432
51281039 432
51281041 432
51281045 461
51281046 461
51281049 461
51281053 457
51281057 457
51281075 461
51281080 457
51281082 457
51381001 458
51381005 458
51520984 462
51683251 460
51683253 460
51683268 460
51683270 460
51683272 460
51683274 456
51683276 460
51683280 461
51683322 461
51683352 461
51683355 461
51683362 461
51683365 461
51683366 461
52161020 459
52161022 459
52161024 459
52240900 462
52241054 462
52241056 462
52321005 462
52321008 462
52321010 456
52330056 462
52360005 469
52400475 462
52400476 462
52400477 462
52400478 462
52400479 462
52400480 462
52400490 462
52400510 462
52401001 462
52401016 462
52401032 462
52401048 462
52401065 462
52401113 462
52401129 462
52401145 462
52401200 462
52401205 462
52401210 462
52401215 462
52401225 462
52401230 462
52401235 462
52401240 462
52401250 462
52401260 463
52402890 463
52402961 463
52403540 463
52403560 463
52403562 463
52403564 463
52403566 463
52403578 463
52403586 463
52404494 463
52404498 463
52404526 463
52404527 463
52404529 464
52481046 464
52481048 464
52481075 464
52481079 464
52481089 464
52481098 464
52561410 468
52640804 459
52640808 459
52640816 459
52640818 459
52640948 458
52640950 459
52641012 466
52641015 465
52641020 466
52641028 466
52641032 466
52643009 470
52643021 470
52643120 470
52645016 470
52645020 470
52645027 470
52645030 470
52645035 470
52645040 471
52645044 471
52645060 471
52645065 455
52645067 455
52645070 455
52645073 455
52645074 455
52645076 455
52645078 455
52645082 455
52645090 471
52645095 471
52645100 470
52645105 471
52661005 496
52661025 496
52663002 496
52663005 496
52663008 496
52663011 496
52663014 496
52691002 459
52691015 432
52691020 459
52712005 460
52712008 459
52712029 459
52712035 460
52712060 460
52712064 458
52712065 458
52712070 460
52712075 460
52720700 466
52801550 466
52801555 466
52801560 466
52801940 466
52801945 466
52801950 466
52801955 466
52801960 467
52802001 467
52802005 467
52802010 467
52802013 467
52802016 467
52802020 467
52802024 467
52802028 467
52802032 468
52802036 468
52802050 468
52802196 468
52802200 468
52802210 468
52802220 468
52802500 468
52960050 464
52961008 465
52961010 465
52961014 465
52962017 465
52962033 465
52962145 465
52962149 465
52962150 465
52962153 465
52962162 465
52962165 465
53120850 468
53120862 468
53120868 469
53120872 469
53120880 464
53120940 469
53200990 469
53652725 432
53652797 474
53652800 474
53652808 474
53652809 474
53652820 473
53805435 63
53805437 63
54150800 360
54150804 360
54150806 360
54150808 360
54150814 360
54150820 360
54150824 360
54150848 360
54150864 360
54150883 360
54151133 360
54151136 360
54151142 360
54151150 360
54151301 361
54151308 361
54151316 361
54151350 361
54151358 361
54151366 361
54151374 361
54151401 361
54151408 361
54151416 361
54151432 361
54151526 360
54151570 360
54151574 360
54151578 360
54151582 360
54151586 360
54152549 360
54152581 360
54153060 359
54153079 363
54153090 364
54153095 364
54153100 364
54153105 364
54153110 364
54153115 364
54153118 364
54153195 364
54153208 364
54153216 364
54153224 364
54153232 364
54153240 364
54153245 364
54153250 364
54153392 364
54153393 364
54153394 364
54153395 363
54153400 364
54153405 364
54153410 364
54153415 364
54153420 364
54153425 364
54153600 361
54153605 361
54153610 361
54153615 361
54153700 361
54153705 361
54153710 361
54155995 361
54156001 361
54156005 362
60164301 361
60164710 361
60164725 361
60164817 361
60720870 41
60720880 41
60720940 41
60721082 41
60721088 41
60721091 41
60810011 42
60810013 41
60810014 41
60810015 41
60810019 42
60810025 42
60810027 42
60810030 42
60814025 42
60814030 42
60814035 42
60814040 42
60814045 42
60814050 42
60814055 42
60817910 42
60817970 42
60817980 42
60817987 43
60817990 42
60817993 43
60817997 43
60817999 43
60818010 43
60818011 43
60818040 12
60818045 12
60850405 79
60850410 79
60850420 79
60850430 79
60850435 79
60851017 78
60851033 78
60851045 78
60870022 84
60870028 84
60870032 84
60870034 84
60870080 84
60870082 84
60870084 84
60870086 84
60870090 84
60870095 84
64510002 72
64510004 72
64510010 72
64510012 65
64510014 72
64510020 72
64510024 72
64510032 72
64510034 72
64510042 72
64510070 72
64510074 72
64510140 72
64510142 72
64510144 72
64510146 72
64510199 91
64510215 91
64510220 91
64510222 91
64510245 91
64510247 91
64510250 93
64510252 93
64510253 93
64510255 93
64510258 93
64510262 93
64510266 93
64510272 93
64510275 93
64510280 93
64510330 72
64510337 93
64510347 105
64510348 105
64510358 105
64510360 93
64510370 90
64510385 105
64530995 90
64531002 90
64531006 90
64537915 91
64537918 91
64537920 90
64537922 90
64537934 91
64537960 91
64537965 90
64538006 90
64538007 91
64538009 91
64538019 91
64538100 72
64538101 72
64538242 70
64538500 93
64538570 70
64538575 73
64550001 94
64550003 94
64550010 94
64550015 94
64550020 94
64550030 94
64550057 95
64550058 95
64550059 95
64550062 95
64550065 95
64550070 95
64550072 95
64550075 95
64550085 95
64550087 97
64550090 95
64550095 95
64550100 95
64550106 95
64550110 95
64550112 96
64550115 96
64550122 96
64550124 96
64550128 96
64550132 96
64550135 96
64550140 96
64550150 91
64550157 96
64550160 65
64550185 96
64550195 96
64600190 89
64600195 89
64600211 89
64600255 89
64600263 89
64600270 89
64600275 65
64600370 89
64600372 198
64600374 198
64600390 90
64600395 90
64600400 198
64600410 90
64600412 90
69000007 297
69000008 297
69000009 297
69000011 297
69000012 297
69000013 297
69000024 297
69000032 297
69000034 297
69000036 297
69000037 297
69000038 297
69000052 297
69000055 297
69000056 297
69000057 298
69000059 298
69000060 298
69000061 298
69000062 298
69000068 298
69000090 298
69000091 298
00771114 278
00771362 279
00771892 279
00901250 177
00901260 177
00901270 177
01933146 32
05101088 284
07351265 105
08604919 187
20519670 75
27313021 265
27476008 260
27476009 258
27476010 260
27476018 260
33775020 323
37164905 85
39155685 41
39817822 46
43070080 132
43070750 132
43070751 132
43158900 210
46010480 483
46011598 483
47054100 496

- 3D Glasses 20
- AC/DC Converters 356
- Access Control
  - Accessories 224-226
  - Door Strikes 226, 235-236
  - Keypads 225, 235-236
  - Readers 224-225
- Access Points 294, 309
  - Ceiling 310-311
  - Outdoor 311
  - Point-to-Point 311
  - Wall Plates 310-312
  - Wireless 294, 309-312
- Adaptors
  - 'F'-Type 381-383
  - 'N' 385-387
  - 2.5mm 367-368
  - 3.5mm 367-370
  - 6.3mm 368-370
  - BNC 384-385
  - DisplayPort 367
  - D-Sub 379-380
  - DVI 366-367
  - Fibre Optic 366
  - FME 387-388
  - HDMI 367
  - Headphones 368
  - Industrial 375-376
  - Microphones 374
  - PAL 381-383
  - Power 377-379
  - Power/Signal 374-375
  - RCA 370-371
  - SCART 381
  - SMA 387-388
  - TNC 385-386
  - TOSLINK 366, 366
  - TV 381-383
  - UHF 385-387
  - USB 94-95, 388-389
  - VGA 366-367, 380
  - XLR 372-374
- Adhesives 432-434
- ADSL Filters 203-204
- Alarm Kits 217-218
- Alligator Clips 407
- Amplifiers
  - Bluetooth 66-68
  - Headphones 78
  - Loop Induction 141, 141
  - Multi-zone 11, 28, 66-68
  - PA 136-142
  - Portable 67
  - Portable Systems 140-141
  - Speaker 67-68
- Android Media Players 11, 24-25
- Antennas
  - Accessories 169-173
  - AM 196-197
  - Amplifiers 169-170
  - Attenuators 171
  - Baluns 171-172
  - Caravan 167
  - CB 189-197
  - Cellular/Broadband 181, 193-196
  - DAB+ 166-167
  - Diplexers 174
  - Filters 171-172
  - FM 196-197
  - Headends 169-170
  - Indoors 167
  - Routers 312-313
  - Satellite Accessories 178-179
  - Splitter Amps 170
  - Splitters 172-174
  - Triplexers 174
  - TV 164-166
  - UHF/VHF 164-166
  - Mastings 174-176
  - Mounting 174-176
- Anti-static 449-450
- Audio Extractors 96-97
- Audio Senders
  - iPod/iPhone FM 89-90
- AV Cleaners
  - Blu-ray 299
  - CD 299
  - Disc 299
  - DVD 299
  - Microfibre Clothes 299
- AV Converters
  - Cassette Adaptors 93
  - Composite 93, 95
  - Digital/Analogue 94-95
  - HDCP 96
  - HDMI 65, 93-95
  - PAL 95
  - Scalers 96
  - SDI 95
  - Stereo 94
  - TVI 95
  - VGA 94
- AV Distribution
  - CBVS 71
  - Component 71-72
  - VGA 71
  - Wireless HDMI 89
- AV Receivers 11-12, 28-30
- AV Selectors
  - Analogue 90
  - Digital 90-91
- Baluns
  - Antennas 171-172
  - CCTV 213-215
  - VGA 71
- Barcode Scanners 469
- Batteries 323-328, 331
  - Alkaline 326, 331
  - Button Cells 323, 325-326
  - Chargers 326, 332-334
  - Clips 407
  - Converters 334
  - Deep Cycle 329-330
  - Drills 331
  - Hearing Aids 331
  - Holders 334-335
  - Li-Ion 326-327
  - Lithium 323-326
  - NiCd 328
  - Ni-MH 327-328
  - Rechargeable 326-327
  - Silver-Oxide 326
  - SLA 328-329
  - Telephone Spares 330
  - Testers 334
- Belts
  - Turntable 78-79
- Blank Discs
  - Blu-ray 295
  - Cases 296
  - CD 295
  - DVD 295
- Bluetooth
  - Amplifiers 66-68
  - Car Kits 198
  - Dongles 317-318
  - Headphones 73
  - Headsets 205
  - Receivers 69
  - Speakers 44-45
  - Transmitters 69
- Blu-ray
  - Blank Discs 295
  - Players 11, 22-23
  - Recorders 11, 23
- Butane Gas Refills 438
- Buzzers 403-404
- Cable Management 288-291
- Cables
  - Accessories 258, 288-291
  - Audio 65, 279-280
  - Automotive 280
  - Caddies 290-291
  - Clips 288
  - Coax 258, 267, 286-287
  - Computer 281
  - Covers 291
  - Guards 291
  - HDMI Locks 291
  - Hookup 283
  - Intercoms 285
  - Optical 266-267
  - Organisers 290
  - Power 283
  - Pullers 465-466
  - Ribbon 281
  - Security Systems 285
  - Speakers 283-285
  - Subwoofers 264
  - Telephone 281
  - Testers 488-493
  - Ties 289
  - Twisted Pair 281-282
    - CAT5/6 281-282
  - USB 267
  - Video 279
  - Wraps 290
- Cameras
  - Action 26
  - Car/Dash 26
  - CCTV 207-210
  - Inspection Tools 458
  - Web Cams 320
  - Z-Wave 321
  - Body-worn 210
  - Fisheye 210
  - Hidden 211
  - Vehicle 210
- Capacitors
  - Ceramic 404-405
  - Electrolytic 405-406
  - Mains Suppression 406
  - Motor Start 407
  - Polyester 406-407
  - Tantalum 406
  - Trimmer 406
- Car Audio
  - Head Units 40
  - Speakers 40
  - Subwoofers 40-41
- Card Readers 134, 298-299, 318-319
- Cases
  - Blu-ray 296
  - Cassettes 296
  - CDs 296
  - DVDs 296
  - Hard Drives 298
  - Multi-meters 483-484
  - Phones 132-133
  - QI Charging 132
  - Storage 472-475
- CB Radios
  - Accessories 184-188, 197-198
  - Antennas 189-197
  - Leads 184-185, 198
  - Microphones 186-187
  - Mounts 184-185
  - Scanners 189
  - UHF 181-183
- CCTV
  - Accessories
    - Brackets 211-212
    - Extenders 212, 214
    - Housing 211
    - IR 212
    - Remotes 210
    - Signage 212
  - Baluns 213-215
  - Cameras
    - Accessories 210, 212-213, 215-216
    - AHD 207
    - Dome 209-210, 210
    - Dummy 210
    - Fisheye 210
    - IP 207-210
    - Leads 215
    - PTZ 208
  - DVRs 216
  - Kits 215
  - NVRs 216-217
  - Testers 215-216
- CD
  - Blank Discs 295
  - Network Players 26
  - Players 23-24
  - Super Audio Players 23
  - Carousel Players 23
- Chargers
  - Batteries 326, 332-334
  - Power Banks 331-332
  - SLA 332-333
  - Solar 332-333
  - USB 352-353
- Circuit Breakers
  - Fuse Replacement 344
- Cleaners 434-436
  - Flux 435-436, 447-448
  - Glass 435
  - PCB 434-436
  - Soldering 447-448
- Clock
  - Radios 37-39
- Clocks
  - Accessories 240
  - Analogue 240-242
  - Calendar 240-242
  - Digital 240-241
  - Timers 242
- Cloth Wipes 457
- Computer Screens 314
- Coolers & Fridges 243
- Cooling Fans 430
  - Grilles 430
  - Leads 430
- Crystals 408
- DAB+
  - Antennas 166-167
  - Hi-Fi 41
  - Portable Radios 36-37
- DACs 94-96
- Dash Cams 26
- De-soldering 449
- Dictaphones 34-35
- Digital Video Recorders 216-217
- Dispensers 450
  - Caulking Gun 450
- Docks
  - Watches 133-134
- Door Bells 243-244
- Door Strikes 226, 235-236
- Down Lights 248
  - Dimmable 248
  - LED 248
  - Non-Dimmable 248
- Drills 456
  - Batteries 331
  - Bits 456
  - Hole Cutters 456
- DVD
  - Blank Discs 295
  - Players 24
- Earphones
  - Wired 76-77
- Enclosures 404
  - Feet 403
  - NBN Compliant 403-404
  - Wall Control Panels 366
- Engraver Tools 456
  - Tips 457
- Ethernet Over Power 294, 308-309
- Extenders
  - Audio 102
  - CATV 105
  - CCTV 212, 214
  - Component 103
  - Composite AV 103
  - Ethernet 294, 309
  - HDBaseT 65, 104-105
  - HDMI 103-105
  - KVM 316
  - USB 270-272
  - VGA 103
- Extension Leads 277-278
- Extension Reels 277
- Fans
  - Cooling 244-245
  - Heating 246
- Filters
  - ADSL 203-204
  - Antennas 171
  - Ceramic 429
- Flash Drives 296-297
- Fluoro
  - Accessories 249
  - Globes 252-253
    - LED 248
- Fuses 341-344
  - Auto 343
  - Ceramic 341-342
  - Circuit Breakers 344
  - Fuse Wire 344
  - Glass 342-343
  - Holders 344
  - Kits 343
  - Poly 343
  - Resettable 343
- Gas Detectors 223-224
- Globes
  - Accessories 256
  - Fluoro 248, 252-253
  - Halogen 253
  - Incandescent 252
  - LED 248, 253-256
    - Dimmable 254-255
    - Non-Dimmable 253-254
    - Smart 255-256
  - Sensor 253
- Glue Guns 457
  - Refill Sticks 457
- Glues 432-434
- Grommets 409
- Hair Care 245
- Hard Disk Drives 297-298
  - Docks 298
  - Enclosures 298
- Hardware
  - Fixings 496
- HDMI
  - Cable Locks 291
  - Extenders 103-105
  - Leads 65, 258-261
  - Matrix Switches 90-91, 93
  - Repeaters 105
  - Splitters 65, 72
  - Switchers 65
  - Video Capture 97
  - Wireless Senders 65
  - Leads 269
- Headphones
  - Accessories 77-78
  - Adaptors 368
  - Amplifiers 78
  - Bluetooth 73
  - Communication 300
  - Gaming 300-301
  - Leads 77
  - Spares 77-78
  - TV Listening Systems 73-74
  - Wired 74-76
  - Wireless 73-74
- Hearing Aids
  - Batteries 331
- Heat Guns 457
- Heat Shrink
  - Adhesive 292
  - Labels 292
  - Reels 292
  - Sleeves 292
  - Tape 292
- Heat Sinks 409
- Heaters 246
- Hi-Fi
  - Amplifiers 26-28
  - DAB+ Radios 41
  - Micro Systems 31
  - Networked Media Players 25
  - Receivers 11-12, 29-30
  - Speaker Docks 32
  - Speakers
    - Bookshelf 44-46
    - Floorstanding 43-44
  - Turntables 41-43
- Home Theatre
  - AV Receivers 11-12, 28-30
  - Blu-ray Players 11, 22-23
  - Complete System 12
  - Complete Systems 32
  - DVD Players 24
  - Projectors 14-16
  - Soundbars 50-51
  - Speakers
    - 5.1 pack 49-50
    - Bookshelf 44-46
    - Floorstanding 43-44
    - In-ceiling/In-wall 51-59
    - Invisible 56-57
    - Surround 59
  - Subwoofers 12, 47-49
- Indicators 409-410
- Inspection Tools 458
  - Cameras 458
  - Magnets 458

Intercoms
Accessories 228-235, 237-238
Audio 226-229
Cables 285
IP 234-235
Keypads 230, 232
Mounts 207, 226, 230, 232, 237-238
Multi-Resident 232-234
Video 229-235
Wall Plates 238
Inverters 362-363
iPhone/iPad
Leads 267
IR Distribution
Converters 86
Emitters 86-88
Receivers 86-88
Remote Controls 85
Repeaters 86-88
Smart Phone 85
Jump Starters 355
Keyboards 316-317
Knobs 410
Label Printers 469
Lamps
Accessories 248
Desk 240, 246
Holders 338
QI Charging 240
Lanterns 252
COB 251
Laptop Security Locks 320
Laser Pointers/Projector Screens
Motorised 19
Leads
3.5mm 263-264, 266-267
6.3mm 265
Appliances 274-277
BNC 263
CB Radios 184-185, 198
CCTV Cameras 215
Composite 262
Crossover 274
DIN 268
DIsplayPort 269-270
D-Range 268
DVI 262-263
Extension 277-278
Fibre Patch 272-273
CAT5 274
CAT6/6a 273-274
CAT7 273
F-Type 278-279
HDMI 65, 258-263, 269
Headphones 77
iPhone/iPad 267
Multi-meters 481-484
Optical 266-267
PAL 278-279
PC 274
Power 274-278, 378
Probes 278
RCA 264-266
RF/TV 278-279
SCART 261
S-Video 262
Telephones 203
Terminal Blocks 264
TOSLINK 266-267
USB 267, 269-272
VGA 262-263, 268
XLR 264, 266
LED
Components 408-409
Globes 253-256
Lighting Accessories 250
Monitors 314
Smart Globes 255-256
Torches 250-252
Light Switches 336-338
Lighting
Accessories 248-250, 256
COB 240, 246
Down Lights 248
Floodlights 240, 249-250
Floorstanding 247
Fluoro 248-249, 252-253
Globes 248, 253-256
Lamps 246-248
LED 247, 249-250
Magnifying 247-248
Night Lights 246
Outdoor 249
Party Lights 249
Reading 252
Sensor 240, 246, 249
Solar 249
Strobes 246
Switches 336-338
Torches 250
Work Lights 240, 250
LoudHailers
PA 145-146
Lubricants 436
Lubricants Sprays 436-437
Mains
Accessories 338-339
Filters 336
Inverters 362-363
Junction Boxes 338-339
Outdoor 337, 345
Outdoor Enclosure 345
Plugs & Sockets 335-336
Power Blocks 323
Power Stackers 323
Powerboards 323, 345-348
Remote Controlled 341
Switches 336-338
Timers 341
Transformers 360
Wall Plates 336-338
Markers 459
Masthead
Amps 168-169
Enclosed 168
Matrix Switches
Audio 70-71, 73
HDBaseT 91, 93
HDMI 90-91, 93
Measuring Tapes 459
Media Converters 304-305
Media Players 21
Accessories 25-26
Android 11, 24-25
Compact 25
Networked/Wireless 25, 25
Megaphones 145-146
Memory Cards
CF 296
Readers 298-299
SD 296
SDHC 296
Mice 317
Micro Hi-Fi Systems 31
Microfibre Clothes 299
Microphone Systems 154
Microphones
Wired 155-157
Wireless 151-154
Adaptors 374
CB Radios 186-187
PA 142
Recorders 34-35
Stands & Accessories 157-158
Wireless 136
Wireless Receivers 151-153
Mixers
PA 136-138, 158-159
Mobile Phones
Accessories 205
QI Charging 205
Modems
ADSL 301-302
Modulators
Accessories 97-99
Analogue 97
HD Digital 98
SD Digital 97
Module Transceivers 306
Monitors 314
LED 314
Rack Mount 73
Mounts
Accessories 128-129
Antennas 174-176
Cables 289
Car headrest 24
CB Radios 184-185
CCTV Cameras 211-212
Control Panel Covers 366, 395
Echo Dot 66
Intercoms 207, 226, 230, 232, 237-238
In-Wall Boxes 401-402
PA Accessories 142-144, 150, 152
PCB 402
Phones/Tablets 129-131, 205
Projectors 123-125
Soundbar 128-129
Speakers 125-126
TV
Bracket Accessories 107-109, 116
Ceiling 120-122
Commercial Wall 120
Desk Mount 122
Floor Stand 122-123
Motorised 122
On-Wall 108-111, 113-120
Multi-meters 476-481
Accessories 481-484
Multiturns 411-412
Multi-zone Audio
Amplifiers 11, 28, 66-68
Heos 65
Hubs 69-70
Wireless 69
Network Video Recorders 216-217
Night Lights 246-247
PA
Accessories 142-143
Amplifiers 136-142
Audio Sources 159-160
Converters 143
Equalisers 143
Horn Speakers 148-149
Hum Cleaners 143
LoudHailers 145-146
Microphones 142
Mixers 136-138, 158-159
Mounting Accessories 142-144, 150, 152
Racks 160-162
Speaker Boxes 149-151
Speakers 144-151
Subwoofers 145
Tone Generators 141-142
Paging Console 138, 155-156
PCBs
Boards 402
Holders 466
Markers 402
Supports 402
Personal Locator Beacons 181
Phone/Tablet
Accessories 205
Phones/Tables
Leads 267
Phones/Tablets
Accessories 134
Cases/Covers 132-134
Commercial Mounts 131
Mounts 129-131
Remotes 134
Screen Protectors 132
Stands 133-134
Plug & Sockets
Set 427
Plugs & Sockets
'F'-Type 381-383
'N' 385-387
2.5mm 367-368
3.5mm 367-370
6.3mm 368-370
Banana 371-372
BNC 384-385
DIN 377
DisplayPort 367
D-Sub 379-380
DVI 366-367
FME 366, 387-388
HDMI 367
Industrial 375-376
PAL 381-383
PDN 376-377
Power 377-379
RCA 370-371
RJ45 389-391
SCART 381
SMA 387-388
SPEAKON 376-377
S-Video 377
TNC 385-386
TOSLINK 366
Trailer Power 379
TV 381-383
UHF 366, 385-387
VGA 366-367, 380
XLR 372-374
PoE
Injectors 308
Receivers 306
Switches 294, 304-308
Portable
Amplifiers 67
Audio
Bluetooth 32-33
Cassette player 34-35
CD player 34
Chargers 331-332
Coolers & Fridges 243
DVD Players 24
PA Amplifiers 140-141
Routers 301-304
Potentiometers 410-411
Power
Banks 331-332
Benchtop/Lab Supplies 350-351
Blocks 323
Boards 323, 345-348
Cables 283
CCTV 356
Cig. Lighter Accessories 350, 354-356
Converters 356
Extension Reels 277
Fuses 341-344
Inverters 362-363
Junction Boxes 338-339
Laptop Adaptors 352
Leads 274-278
Meters 323, 341
Outdoor 337, 345
Outdoor Enclosure 345
Plugs & Sockets 335-336, 354
Remote Controlled 341
Security 356
Solar 359
Stackers 323
Switches 336-338
Switchmode Supplies 349
Timers 341
Trailer 379
Transformers 360-362
Travel Adaptors 339-341
UPSs 357-359
USB 350
USB Step-Up 323
Wall Plates 396-397
Power Adaptors 347-350
Power Amplifiers 30-31
Power Banks 331-332
Power Stackers 323
Powerboards 323, 345-348
Pre-amps
Turntable 78-79
Presentation Systems 90
Pressure Mats 223
Probes
Multi-meters 481-484
Projector
Laser 11
Projector Accessories 19-20
3D Glasses 20
Air filters 20
Hide-away Boxes 19
Lamps 20
Lens 20
Mounts 19-20
Wireless 20
Projector Screens
Fixed 16, 18-19
Motorised 16, 18
Pull-Down 16, 18
Pull-Up 16
Tripod 16, 18
Projectors
Corporate 15-16
Document Cameras 19
Home Theatre 14-16
Large Venue 15-16
Laser 16
Mounts 123-125
Portable 14
Short-Throw 15
Protective Coating 437-438
Protective Coating Sprays 437-438
PVR 21-22
QI Charging 39, 132, 205, 240
Quickcaps 391-392
Racks
Accessories 160-162
Cabinets 160-162
Shelves 160-162
Radios
Accessories 39-40
CB
Accessories 184-188, 197-198
Air band VHF 183-184
Handheld UHF 181, 183
Marine UHF 183-184
UHF 181-183
Clock 37-39
DAB+ 12, 36-39
Pocket 36
Portable 34, 36-37, 39
Receivers 38
Rugged 36-37
Table Top 37-39
Receivers
Wireless Microphones 151-153
Recorders
Accessories 34-35
Speech & Sound 34-35
Relays 412-413
Accessories 413
Remote Controls 85
CCTV Cameras 210
Phones 134
Security Systems 221-222
Resistors 413
0.25W 414
10W 415
2W 414
5W 415
RFID
Protection 238
Tags & Readers 235-236
Ringers 204
RJ45
Dust Covers 391
Routers 301-304
Antennas 312-313
Portable 301-304
VPN 312
Wireless 301-303
Safety Equipment
Knee Pads 469
Satellite TV
Accessories 179
Dishes 178
Scanner Radios 189
Sealants 438-439
Security
Power 356
Z-Wave 321
Security Systems 217-218
Accessories 207, 218-225
Cables 285
Cara Alarms 224
Diallers 207, 223
Keypads 222
PIRs 218
Reed Switches 218-219
Remotes 221-222
Security Beams 224
Sensors 218, 223
Signage 222-223
Sirens 219-220
Strobes 223
Timers 220-221
Semi-Conductors
4000 Series 417
74/74LS Series 416
74HC Series 416

- Bridge Rectifiers 418
- Diac 418
- Display Drivers 419
- EPROM 420
- Linear ICS 416
- Op-Amps 415
- OPTO Couplers 419
- Rectifiers/Diodes 417
- Thyristors 418
- Transistors
  - Darlington 419
  - FETs 419
  - PNP 419
- Triac 418
- Tubes 418
- Varistors 420
- Voltage Regulators 419
- Zener Diodes 417

Set-top Boxes
- Digital TV 21-22
- Satellite/VAST 21

Signage
- Security 212, 222-223

Smart Globes 255-256
Smart Home Devices 320
- Cameras 321
- Controllers 320
- Digital Locks 321
- Keyfobs 320
- Keypads 321
- Power Adaptor 345
- Sensors 321

Smoke Alarms 223
Solar Panels 359
Solder Sleeves 427
Soldering
- Accessories 440-448
- Cleaners 447-448
- Cleaning Ball 444, 448
- Flux 447-448
- Gas
  - Irons 441-442
  - Tool Kit 441-442
- Gun 439-440
- Irons 439-440
  - Stands 448
  - Pencils 450
- Kits 439-440
- Spares 443-447
- Sponge 445
- Stations 440-441
- Tips 442-447

Soldering Accessories
- Anti-static 449
- De-soldering 449

Soldering Irons 439-440
- Accessories 440-448
- Gas 441-442
- Pencils 450
- Spares 443-447, 449
- Stands 448
- Tips 442-447

Sound Meters 493
Soundbar
- Mounts 128-129

Speaker Amplifiers 66-68
Speaker Docks 32
Speakers
- 5.1 packs 49-50
- Accessories 62-63, 106-107
- Bluetooth 44-45
- Bookshelf 44-46
- Brackets 125-126
- Cables 283-285
- Car 40
- Car Subwoofers 40-41
- Centre 46-47
- Floor Stand 127-128
- Floorstanding 43-44
- Garden 136
- Grilles 106
- Horn 148-149
- In-Ceiling/In-Wall 51-59
- Indoor/Outdoor 59-62
- Invisible 56-57
- Mounts 125-126
- MuscCast 70
- PA 144-151
- PA Boxes 149-150, 150-151
- Pillow Speakers 78
- Portable 32-33
- Powered 299
- Replacement
  - General Purpose 99
  - Midbass/Woofers 100
  - Subwoofers 100
  - Tweeters 99-100
- Selectors 100-101
- Soundbars 50-51
- Subwoofers 47-49
- Surround 44-46, 59
- Switches 100
- USB 299-300
- Wall Plates 101-102
- Wireless 62, 70

Splitters
- Antennas 172-174
- Audio 71
- HDMI 65, 72
- SDI 71
- VGA 71, 315

Sprays
- Cleaners 434-436
- Lubricants 436-437
- Protective Coating 437-438
- Smoke 438

Stereo Amplifiers 26-28
Stereo Receivers 28-29
Stopwatches 242
Storage
- Bins 475
- Blu-ray 296
- Cases 472-475
- Cassettes 296
- CDs 296
- Drawers 471-472
- DVDs 296
- Hard Drives 298
- Tool Boxes 473-474
- Trays 474-475

Styli 79-83
Subwoofers
- Cables 264
- Car 40-41
- Home Theatre 12, 47-49
- In-Ceiling/In-Wall 52
- In-Wall 55
- PA 145
- Replacement Speakers 100

Switchers
- HDMI 65

Switches 294, 420-421
- Accessories 306
- Dip 424
- Key 424
- KVM 314-316
- Micro 421-422
- Outdoor 337
- PoE 294, 304-308
- Power 336-338
- Push Button 422-423
- Reed 218-219
- Rocker 420
- Rotary 424
- Slider 424
- Tamper 423
- Toggle 420-421
- USB 315
- VGA 314-315
- Z-Wave 321

Tablets/Phones
- Mounts 181, 205

Tape Belts 131
Tapes
- Double-Sided 451-452
- Electrical 432, 452
- Gaffer 450-451
- Masking 451
- Packaging Tape Dispenser 453
- Packing 452
- Safety 452
- Warning 451

Telephones 198-201
- Adaptors 201-203
- Batteries 330
- Cables 281
- Headsets 204-205
- Leads 203
- Ringers 204
- Wall Plates 202-203

Terminals
- Banana 424
- Blocks & Strips 428-429
- Connectors 428
- Kits 428
- Lugs 425-427
- Packs 427-428
- PCB Mounts 428
- Screw & Post 424

Testers
- Appliance 487
- Audio/Video 496
- Batteries 334
- Cables 488-493
- Carbon Monoxide 496
- CCTV 215-216
- Coax 490-493
- Current Clamps 484-486
- Gas 496
- HDMI 488
- Insulation 487-488
- LAN 488-490
- Light 496
- Moisture 496
- Multi-meters 476-481
- Oscilloscopes 486
- Pressure 496
- Probes 278
- Satellite 486
- Signal Meters 476
- Sound 493
- Telephone 488
- Temperature 494
- Terrestrial 487
- Tracers 490-493
- Voltage 495-496

Thermometers 494
Ties
- Cables 289
- Mounting 289
- Nylon 289
- Steel 289

Timers 242
- Mains 341

Tool Bag 432
Tool Boxes 473-474
Tools
- Alignment 453
- Allen Keys 453
- Base Mounts 466-467
- Cable Pullers 465-466
- Cable-Tie Guns 457
- Clamps 466-468
- Crimpers 432, 453-456
- Current Sensors 482-483
- Cutters 455-456
- Cutting 432, 461-462
- Cutting Shears 462
- Drill Bits 456
- Drills 456
- Engraver Tips 457
- Engraver Tools 456
- Etchers Tools 456
- Extraction 457
- Files 457
- Glue Guns 457
  - Refill Sticks 457
- Hammers 432, 457
- Heat Guns 457
- Hole Cutters 456
- Inspection 458
- Kits 469-471
- knives 432, 461
- Lasers 458-460
- Levels 432, 458-459
- Markers 459
- Measuring 459-460
- Measuring Tapes 459
- Multi-tools 462
- Pliers 460-461
- Punch-Down 458
- Saws 461-462
- Screwdrivers 462-464
  - Bits 462
  - Electric 464
  - Kits 463-464
- Shifters 468-469
- Shifters & Socket Sets 468
- Signal Meters 476
- Spirit Levels 432, 459
- Stripers 455-456
- Strippers 458, 464-465
- Testers 476-481, 484-489
- Tweezers 466
- Vices 467-468
- Wrenches 468-469

Torches 250-252
- Accessories 256
- COB 251
- Compact 250-252
- Head-Lamps 240, 252
- LED 250-252
- Spare Globes 256
- Work Lights 251-252

Toys & Gadgets 63
Transformers 360-362
- 100V PA 361
- Isolating 361-362
- Step-down 363-364
- Voltage Reducers 363

Travel Adaptors 339-341
Trimpots 411
Turntables 12, 41-43
- Accessories 43, 84
- Cartridges 83-84
- Pre-amps 78-79
- Record/Stylus Cleaners 84
- Spares 78-79
- Styli 79-83

TV Antennas 164-166
- Accessories 167-168, 170-173
- Hardware Accessories 176-179

TV Mounts
- Bracket Accessories 107-109, 116
- Ceiling 120-122
- Commercial Wall 120
- Desk Mount 66, 122
- Floor stand 66, 122-123
- Motorised 122
- On-Wall 66, 108-111, 113-120

TVs
- 4K 13-14
- Commercial 11, 13
- Digital Portable 13
- DVD Combo 13
- LED LCD 13-14
- OLED 14
- Smart 13-14

Uninterruptible Power Supplies 357-359
USB
- Accessories 318-320
- Adaptors 319-320, 388-389
- Charging 323, 346-348, 350, 352-356
- Charging Stations 352-353
- Dongles
  - Bluetooth 317-318
  - TV 319
  - Wi-Fi 313
- Extenders 270-272
- Flash Drives 296-297
- Hard Drives 297-298
- Hubs 294, 318-319
- Keyboard/Mice 316-317
- Leads 267, 269-272
- Mice 317
- Speakers 299-300
- Switches 315
- Wi-Fi Dongles 314

Velcro 290-291
VGA
- Splitters 71

Video Distribution
- CBVS 71
- Component 71
- VGA 71

Video Sensors 90
VPN
- Routers 312

Wall Plates
- 'F'-Type 395-396
- Access Points 310-312
- Accessories 399-402
- Amplifier 67
- AV 392-395
- Blank 397
- Bluetooth 67
- Brush 397-399
- Bullnose 397-398
- Caravan 396-397
- Clip-Over 346
- Component 392-394
- Composite 392-393
- Control Panels 366, 395
- Cutouts 398
- Empty Gang 393, 398
- Extenders 392
- HDMI 65, 393-394
- Inserts 399
  - 'F'-Type 400
  - 3.5mm 400
  - Audio 400
  - Blank 400
  - BNC 400
  - CAT3 399
  - CAT5e 399
  - CAT6 399-400
  - CAT6a 400
  - HDMI 401
  - IR 401
  - Keystone 400-401
  - PAL 400
  - RCA 400
  - RJ12 399
  - RJ45 399-400
  - TOSLINK 401
  - USB 401
- Intercoms 238
- In-Wall Boxes 401-402
- Mains Outlets 336-338
- Modular 397
  - 'F'-Type 397
  - 3.5mm 397
  - Audio 397
  - Blank 397
  - BNC 397
  - Brush 397
  - CAT5e 397
  - CAT6 397
  - DVI 397
  - HDMI 397
  - Keystone 397
  - PAL 397
  - RCA 397
  - TOSLINK 397
  - USB 397
- Outdoor 337
- PAL 395-396
- Power 396-397
- Speaker Selector 101
- Speaker Terminals 392
- Speaker Volume 101-102
- Telephones 202-203
- Trims 398
- TV Outlets 395-396
- USB 393-394, 397
- VGA 65, 393-394
- XLR 373

Wi-Fi Dongles 313-314
Wired
- Microphones 155-157

Wireless
- Access Points 294, 309-312
- Audio Receivers 69
- HDMI Senders 65
- Headphones 73-74
- Keyboards 316-317
- Mice 317
- Microphones 136, 151-154
- Presentation Kit 90
- Routers 301-303
- Speakers 62, 70
- Storage 299

Z-Wave 321
- Cameras 321
- Digital Locks 321
- Dimmers 321
- Security 321
- Sensors 321
- Switches 321



www.radioparts.com.au

562 Spencer St.
West Melbourne, VIC
3003 Australia

Mon-Fri: 7:30-5:30
Sat: 9:00-4:00 **Sun:** Closed

Free Call
1800 337 366

Free Fax
1800 659 963

info@radioparts.com.au

RADIO PARTS INFO SESSIONS

Where	When
562 Spencer St West Melbourne, VIC 3003	**Session One** 9am - 10:15am **Session Two** 10:15am - 11:30am

The Radio Parts information sessions aim to establish a direct communication link between our suppliers and our customers. We have setup a training area providing the necessary tools to host such events. If you are interested in joining a training session please fill out the easy application form on our website at **www.radioparts.com.au/training** or call us on **1800 337 366** to reserve a seat.

We have two identical sessions running per topic, both held at our main building with ample parking available. So just pick a session time that best suits your busy schedule, show up and enjoy the experience.

SALES REPS

JOE CIOTTA (East VIC)
joec@radioparts.com.au
0417 140 222

DARREN ROWLANDS (West VIC, SA, NT, WA)
darrenr@radioparts.com.au
0419 366 980

BEN MARSHALL (North VIC, TAS)
benm@radioparts.com.au
0418 531 965

MARK DE HAVILLAND (Sydney, NSW, ACT)
markd@radioparts.com.au

0424 184 454

FRANK MANICASTRI (North NSW, QLD)
frankm@radioparts.com.au
0437 179 495

DEPARTMENTS

ACCOUNTS
A-J: (03) 9321 8364
K-Z: (03) 9321 8362

REPAIRS
(03) 9321 8344

DISPATCH
(03) 9321 8355

CASHIERS
(03) 9321 8380

BACK ORDERS
(03) 9321 8353

SHOWROOM
(03) 9321 8329

EMAIL CONTACTS

ENQUIRIES & SUPPORT
support@radioparts.com.au

SALES
sales-enquiries@radioparts.com.au

SERVICE/REPAIRS
service-enquiries@radioparts.com.au

MORE CONTACTS

MIKE SWANN
Sales Manager
michaels@radioparts.com.au
0404 877 905

DANNY SWANN
Distribution Manager
dannys@radioparts.com.au
0409 882 027 | 03-9321 8351

SOCIAL

@radioparts

Find us on Facebook

YouTube
www.youtube.com/radiopartsgroup

Radio Parts is an Australian, family-owned business proudly operating since 1935.



562 Spencer St.
West Melbourne, VIC 3003

Free Call: 1800 337 366
Free Fax: 1800 659 963

e-mail: sales@radioparts.com.au
web: www.radioparts.com.au

@radioparts | Find us on Facebook | YouTube | Instagram