



**CUSTOMER
CARE CENTRE**

**12
MONTH
WARRANTY**

- 1 THIS PRODUCT IS WARRANTED FOR 12 MONTHS FROM THE DATE OF PURCHASE.**
Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.
- 2** This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- 3** If warranty service is required you should:
 - Telephone the Customer Care Centre on 1300 662 946
 - Provide a copy of your purchase receipt that shows retailer's identity and date of purchase.
 - Send or bring the product to your Customer Care Centre.
Please note that freight to and/or from your Customer Care Centre must be arranged by you.
- 4** The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET
(OR SIMILAR PROOF OF PURCHASE)
SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**TROUBLE SHOOTING HELP LINE
1300 662 946**

Customer Care Centre
562 Spencer Street, West Melbourne
VICTORIA 3003

Pro.2
Providing AV Solutions

This advice does not limit, override or later your guaranteed rights under the Australian Consumer Law, including remedies for any failure of the Consumer Guarantees, which may include repair or replacement or it a Major Failure (as defined under the Australian Consumer Law) a replacement or refund. These guaranteed rights cannot be varied by Pro.2 or retailers of its products and have no set time limit.

Pro.2

HDBaseT™ Ultra Slim Extender Kit

1080P up to 70M

HDR, 4K@60Hz 4:4:4, up to 40M

Model: HDBT70M

/// OPERATION MANUAL



Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

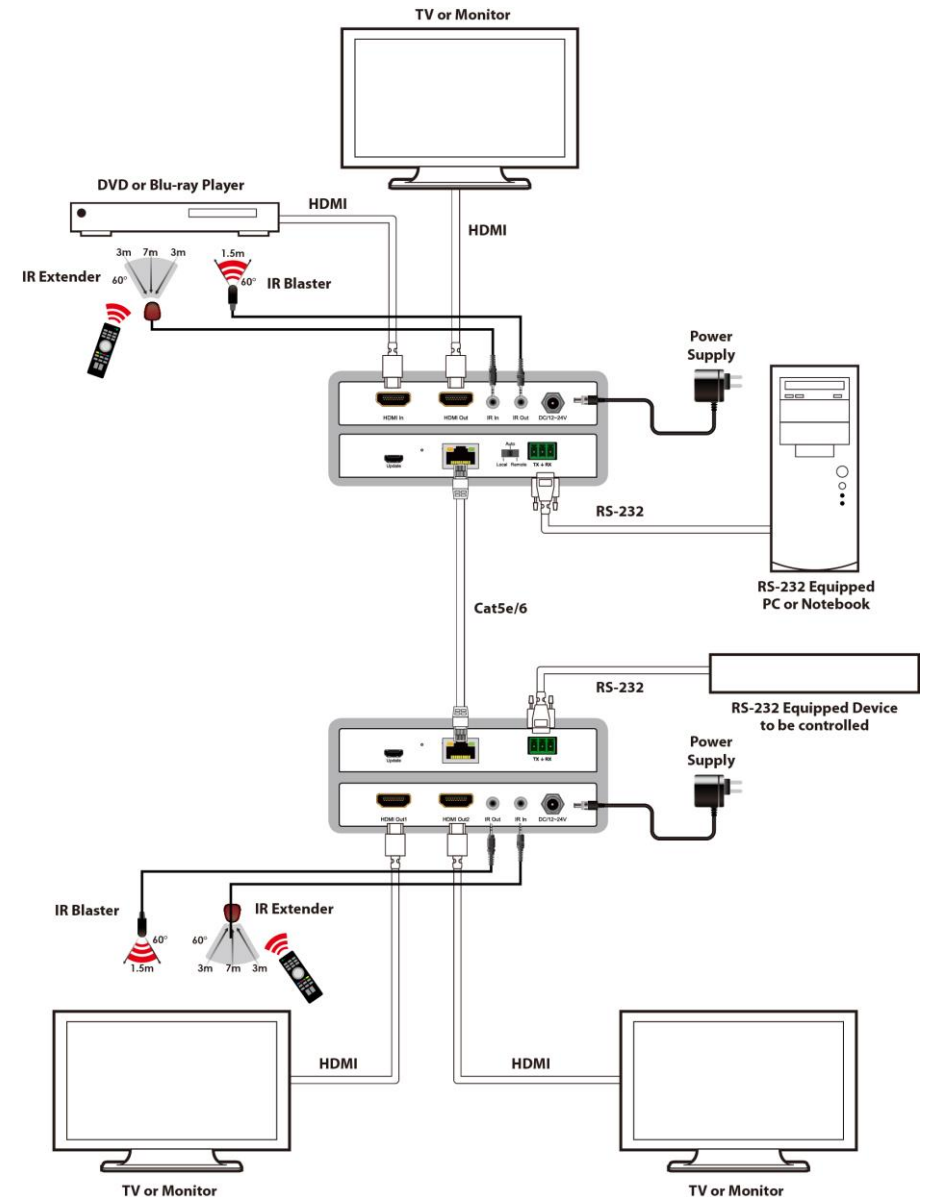
SAFETY PRECAUTIONS

Please read all instructions before attempting to unpack, install or operate this equipment and before connecting the power supply.

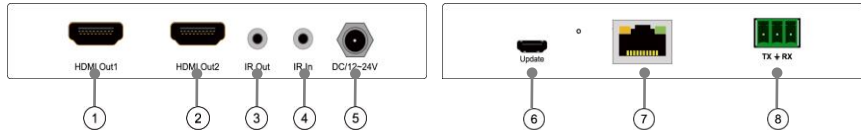
Please keep the following in mind as you unpack and install this equipment:

- Always follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.
- To prevent fire or shock hazard, do not expose the unit to rain, moisture or install this product near water.
- Never spill liquid of any kind on or into this product.
- Never push an object of any kind into this product through any openings or empty slots in the unit, as you may damage parts inside the unit.
- Do not attach the power supply cabling to building surfaces.
- Use only the supplied power supply unit (PSU). Do not use the PSU if it is damaged.
- Do not allow anything to rest on the power cabling or allow any weight to be placed upon it or any person walk on it.
- To protect the unit from overheating, do not block any vents or openings in the unit housing that provide ventilation and allow for sufficient space for air to circulate around the unit.

8. CONNECTION DIAGRAM



7.2 Receiver Front and Rear Panels



- ① HDMI Out1: Connect to a HDMI equipped TV/Monitor for display of the HDMI input source signal
- ② HDMI out2: Connect to a HDMI equipped TV/Monitor for display of the HDMI input source signal
- ③ IR Out: Connect to the supplied IR blaster cable for IR signal transmission. Place the IR blaster in direct line of sight of the equipment to be controlled
- ④ IR In: Connect to the supplied IR blaster cable for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
- ⑤ DC/12-24V: Plug the 24V DC power supply into the unit and connect the adaptor to an AC outlet
- ⑥ Update: USB port to update the firmware
- ⑦ CAT5e/6 In : Connect to the transmitter unit with a single CAT5e/6 cable for transmission of all data signals
- ⑧ RS232 Out: Connect to the device that is to be controlled via phoenix terminal by RS-232 commands

1. INTRODUCTION

This Model allows HDMI signals to be transmitted over a Single CAT5e/6 cable. This solution has the added features of RS232 and 2-way IR control functionality over the same CAT5e/6 cable. It can extend 4K@60Hz HDR 10 over a HDBaseT link and upto 40M ! The slimmest HDBaseT design, making it perfect to mount behind ultra thin TVs.

2. APPLICATIONS

- Household entertainment sharing and control
- Lecture room display and control
- Showroom display and control
- Meeting room presentation and control
- Classroom display and control

3. PACKAGE CONTENTS

- ① Main unit
- ② Operating instructions
- ③ 24V1A DC power supply
- ④ 1xIR TX unit
- ⑤ 1xIR RX unit
- ⑥ 2 Phoenix plugs for RS232 cable termination

4. SYSTEM REQUIREMENTS

Input HDMI source equipment such as DVD/Blu-ray player and HDMI equipped output display (TV or monitor).

5. Features

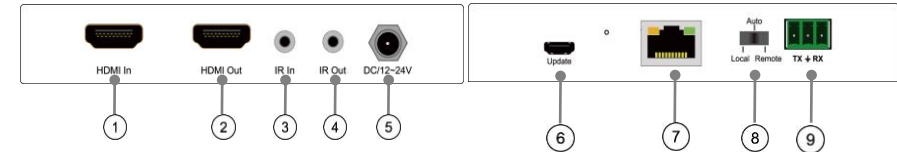
- Bandwidth up to 18Gbps, resolution up to 4k @60hz YUV 4:4:4
- Transmit up to 70m under 1080p, 40m under 4k
- Support HDR10, 3D
- With 1x looping HDMI out at Transmitter and 2 x HDMI out at Receiver
- Bi-directional wide band IR and RS232 Pass through
- Dual POC (Receiver powered by transmitter or transmitter powered by Receiver)
- HDCP2.2/ HDCP1.4 Compliant

6. Specifications

Operating Temperature Range	-10 to +55°C (14 to +131 °F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p (TTL)
Video Format Supported	DTV/HDTV; 4K/1080P/1080i/720P(50HZ)/576P/480P/576i/480i
Output Video	HDMI 2.0+HDCP1.4/2.2
Output Audio	Support DTS-HD, Dolby-HD
Maximum Transmission Distance	70 meters for 1080P, 40 meters for 4K
Power Supply	24V1A
Poc	Power from TX to RX over Cat5/6 cable
Power Consumption	12Watts
Dimensions	139.4mmH×66.8mmW×20mmD
Mass (Main unit)	0.54Kg (Pairs)

7. OPERATION CONTROLS AND FUNCTIONS

7.1 Transmitter Front and Rear



- ① HDMI In: Connect to HDMI source equipment such as DVD or Blu-ray player
- ② HDMI Out: Connect to a HDMI equipped TV/Monitor for display of the HDMI input source signal
- ③ IR In: Connect to the supplied IR blaster cable for IR signal transmission. Place the IR blaster in direct line-of-sight of the equipment to be controlled.
- ④ IR Out: Connect to the supplied IR blaster cable for IR signal transmission. Place the IR blaster in direct line of sight of the equipment to be controlled
- ⑤ DC/12-24V: Plug the 24V DC power supply into the unit and connect the adaptor to an AC outlet
- ⑥ Update: USB port to update the firmware
- ⑦ CAT5e/6 Out: Connect to the receiver unit with a single CAT5e/6 cable for transmission of all data signals
- ⑧ EDID: Auto: default 4K@60Hz
Local: copy EDID from display of transmitter
Remote: copy EDID from display of receiver
- ⑨ RS232 in: Connect to a PC or laptop with phoenix terminal for the transmission of RS232 commands

