AUSTRALIAN MONITOR
INTEGRATION INTELLIGENCE

ESP POWER AMPLIFIERS

ES120P • ES250P • ES500P • ES2120P

ES120P Front Panel

Output

Single or Dual Channel

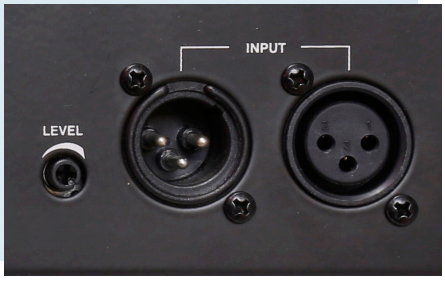
Balanced XLR

The ES Series booster amplifiers give the audio contractor a reliable, low cost booster amplifier for applications that are price sensitive but still require high quality commercial sound reinforcement.

Choose from single or dual channel models.

FEATURES

- ES120P - 1 x 120W
  ES250P - 1 x 250W
  ES500P - 1 x 500W
  ES2120P - 2 x 120W
- 4 ohm and 100 volt output options
- Rear panel volume control
- Balanced input and thru out
- Fan cooled
- 2 RU



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ES120P Rear Panel

MODEL	ES120P	ES250P	ES500	ES2120P
AMPLIFIER				
TOPOLOGY	Class AB	Class B	Class B	Class D
CHANNELS		1		2
POWER OUTPUT (PER CHANNEL)	120W	250W	500W	2 x 120W
INPUT SENSITIVITY	160mVrms		1Vrms	150mVrms
FREQUENCY RESPONSE 4Ω	30Hz ~ 20kHz	40Hz ~ 20kHz	55Hz ~ 13kHz	20Hz ~ 20kHz
FREQUENCY RESPONSE 100V	55Hz ~ 20kHz	40Hz ~ 20kHz	55Hz ~ 13.5kHz	90Hz ~ 20kHz
SIGNAL TO NOISE RATIO	> 85dBr	> 80dBr	84dBr	> 90dB
THD+N. 4Ω, 8Ω. 1KHZ	< 0.20%	< 0.3%	< 0.40%	< 0.01%
THD+N. 100V. 1KHZ	< 0.20%	< 0.3%	< 0.30%	< 0.04%
AUDIO INPUT CONNECTORS	Balanced XLR per channel			
AUDIO THROUGH CONNECTORS	Balanced XLR per channel			
SPEAKER OUTPUT	6 pin Screw terminal per Channel			
OVERLOAD PROTECTION	Short-circuit, Overload, Temperature			
MISCELLANEOUS				
AC INPUT	230Vac (±10%), 50-60Hz			
AC POWER FACTOR	> 0.83	> 0.80	> 0.78	> 0.55
MOUNTING	2RU			
DIMENSIONS (W X D X H) (INCLUDING RACK EARS)	483mm x 293mm x 88mm 19.0" W x 11.5" D x 3.5 "H	483mm x 353mm x 88mm 19.0" W x 13.9" D x 3.5" H	483mm x 455mm x 88mm (19.0" W x 17.91" D x 3.46" H)	483mm x 271mm x 88mm 19.02" W x 10.67" D x 3.46" H)
OPERATING TEMPERATURE	0°C to 40°C (95% RH)			
COOLING SYSTEM	Fan assisted convection cooling			
COLOUR	Black			

Due to continuous improvements, all specifications are subject to change

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