

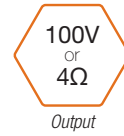


ESP POWER AMPLIFIERS

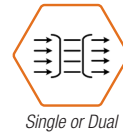
ES120P • ES250P • ES500P • ES2120P • ES480P



ES120P Front Panel



Output



Single or Dual Channel



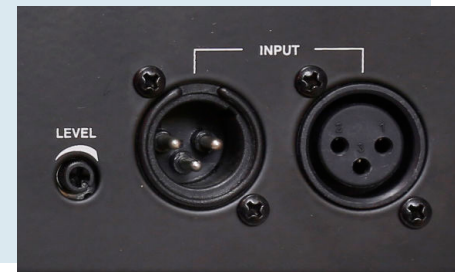
Balanced XLR

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, dual or quad channel models.

FEATURES

- ES120P - 1 x 120W
- ES250P - 1 x 250W
- ES500P - 1 x 500W
- ES2120P - 2 x 120W
- ES480P - 4 x 80W
- 4 ohm and 100 volt output options
- Rear panel volume control
- Balanced input and thru out
- Fan cooled
- 2 RU





ES120P Rear Panel

MODEL	ES120P	ES250P	ES500P	ES2120P	ES480P
AMPLIFIER					
TOPOLOGY	Class AB	Class B	Class B	Class D	Class D
CHANNELS	1	1	1	2	4
POWER OUTPUT (PER CHANNEL)	120W	250W	500W	2 x 120W	4 x 80W
INPUT SENSITIVITY	160mVrms		1Vrms	150mVrms	150mVrms
FREQUENCY RESPONSE 4Ω	30Hz ~ 20kHz	40Hz ~ 20kHz	55Hz ~ 13kHz	20Hz ~ 20kHz	20Hz ~ 20kHz
FREQUENCY RESPONSE 100V	55Hz ~ 20kHz	40Hz ~ 20kHz	55Hz ~ 13.5kHz	90Hz ~ 20kHz	100Hz ~ 20kHz
SIGNAL TO NOISE RATIO	> 85dB	> 80dB	> 84dB	> 90dB	> 84dB
THD+N. 4Ω, 8Ω. 1KHZ	< 0.20%	< 0.3%	< 0.40%	< 0.01%	< 0.15%
THD+N. 100V. 1KHZ	< 0.20%	< 0.3%	< 0.30%	< 0.04%	< 0.20%
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	> 0.96
MOUNTING	2RU				
DIMENSIONS (W X D X H) (INCLUDING RACK EARS)	483 x 293 x 88mm 19.0 x 11.5 x 3.5"	483 x 353 x 88mm 19.0 x 13.9 x 3.5"	483 x 455 x 88mm 19.0 x 17.91 x 3.46"	483 x 271 x 88mm 19.02 x 10.67 x 3.46"	483 x 353 x 88mm 19.02 x 13.9 x 3.46"
NET WEIGHT	6.8 Kg	11.4 Kg	17.2 Kg	7.45 Kg	9.2 Kg
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

ENGINEERED BY AUSTRALIAN MONITOR

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