

AMB Power Amplifier

AMB600, AMB1200, AMB1600



Australian Monitor's AMB series of Class AB power amplifiers deliver serious performance without compromising sonic quality.

This superior range of amplifiers offers customers true flexibility of use, from the large installation market to the demanding PA hire or band venue, this range excels at it all.

The AMB series of power amplifiers have been specifically designed and built to offer Australian Monitor customers a reliable, outstanding value for money amplifier for applications that require high quality audio reproduction that they can depend on.

Available in 600, 1200 and 1600 watt models each offers mono, stereo or bridge mode operation from balanced XLR inputs in a two rack unit package.

Features:

- 600W, 1200W and 1600W models
- Mono, Stereo and Bridge mode operation
- Balanced XLR input and thru output
- Individual channel volume control
- Individual signal level monitor
- Clip and Protection indicators
- Over temperature and short circuit protection
- Binding post and speakON output connectors
- Fan cooled
- 2 RU rack mount size



Back Panel

*AMB 600 Shown

Specifications

Model	AMB 600	AMB 1200	AMB 1600
Topology	Class-AB	Class-AB	Class-AB
Channels	2	2	2
Power Output			
Single Channel 4Ω	400W	760W	900W
Single Channel 8Ω	250W	450W	550W
Mono 4Ω (Both Driven)	300W	600W	800W
Mono 8Ω (Both Driven)	200W	380W	500W
Bridged 8Ω	600W	1200W	1600W
Frequency Response	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz
Signal to Noise Ratio	> 100dBr	> 100dBA	> 100dBr
THD+N. 4Ω, 8Ω. 1kHz	< 0.06%	< 0.06%	< 0.06%
Input Connectors	2 Female XLR, 2 Male XLR	2 Female XLR, 2 Male XLR	4 Female XLR, 2 Male XLR
Input Sensitivity	1.23Vrms (+4.0dBu)	1.23Vrms (+4.0dBu)	1.23Vrms (+4.0dBu)
Output Connectors	4 Binding Post, 2 speakON	4 Binding Post, 2 speakON	4 Binding Post, 2 speakON
AC Input	230Vac, 50-60Hz	230Vac, 50-60Hz	230Vac, 50-60Hz
Dimensions (W x D x H)	483mm x 366mm x 88mm (19"x 14.41"x 3.5")	483mm x 366mm x 88mm (19"x 14.41"x 3.5")	483mm x 366mm x 88mm (19"x 14.41"x 3.5")
Shipping Dimensions (W x D x H)	530mm x 465mm x 188mm (20.87" x 18.3" x 7.4")	530mm x 465mm x 188mm (20.87" x 18.3" x 7.4")	530mm x 465mm x 188mm (20.87" x 18.3" x 7.4")
Net Weight	10.85Kg (23.92 lbs)	13.9Kg (30.64 lbs)	16.75Kg (36.93 lbs)
Shipping Weight	13.25Kg (29.21 lbs)	16.5Kg (36.38 lbs)	19.2Kg (42.33 lbs)
Mounting	2 RU	2 RU	2 RU
Colour	Black	Black	Black