

AMP Power Amplifier

AM21P, AM22P, AM41P, AM42P



The Australian Monitor AMP series of Class D power amplifiers deliver high quality audio reinforcement in a low cost, one rack unit package. Available in two or four channels with 100 or 200 watts output power, each model offers mono or bridge mode operation, limiter and VCA attenuation. The power amplifiers are a highly efficient class D architecture allowing for reduced thermal dissipation and mechanical size. The AMP series power amplifiers give the audio contractor a reliable amplifier for applications that are price sensitive yet still require high quality commercial sound reinforcement.

Features:

- AM21P – 2x100W, AM22P – 2x200W
- AM41P – 4X100W, AM42P – 4x200W
- 4Ω / 70V and 100V outputs
- Mono or Bridge mode operation
- Balanced phoenix inputs
- Individual channel level controls
- Voltage controlled input attenuation (VCA)
- Clip and Protection indicators
- Clip/Thermal and Under/Over Voltage protection
- Fan cooled
- Universal switchmode PSU with PFC
- 1 RU rack mount size



Back Panel

*AM42P Shown

Specifications

Model	AM21P	AM22P	AM41P	AM42P
Topology	Class-D	Class-D	Class-D	Class-D
Channels	2	2	4	4
Power Output (per channel)				
Single Channel 4Ω	120W	210W	120W	210W
4Ω (All Driven)	110W	200W	110W	200W
Bridged 8Ω	230W	400W	230W	400W
Single Channel 100V	120W	210W	120W	210W
100V (All Driven)	110W	200W	110W	200W
Frequency Response 4Ω	20Hz - 25kHz	20Hz - 25kHz	20Hz - 25kHz	20Hz - 25kHz
Frequency Response 100V	100Hz - 16kHz	100Hz - 16kHz	100Hz - 16kHz	100Hz - 16kHz
Signal to Noise Ratio	> 95 dBr	> 95 dBr	> 95 dBr	> 95 dBr
THD+N. 4Ω, 8Ω. 1kHz	< 0.2%	< 0.2%	< 0.2%	< 0.2%
THD+N. 100V. 1kHz	< 0.3%	< 0.3%	< 0.3%	< 0.3%
Input Connectors	Two 1x3 terminal plug (3.81mm)	Two 1x3 terminal plug (3.81mm)	Four 1x3 terminal plug (3.81mm)	Four 1x3 terminal plug (3.81mm)
Output Connectors	6 pin Screw Terminal per channel	6 pin Screw Terminal per channel	6 pin Screw Terminal per channel	6 pin Screw Terminal per channel
AC Input	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz	100-240Vac, 50-60Hz
Dimensions (W x D x H)	483mm x 448mm x 44mm (19" x 17.63" x 1.73")	483mm x 448mm x 44mm (19" x 17.63" x 1.73")	483mm x 448mm x 44mm (19" x 17.63" x 1.73")	483mm x 448mm x 44mm (19" x 17.63" x 1.73")
Shipping Dimensions (W x D x H)	545mm x 515mm x 105mm (21.46" x 20.28" x 4.13")	545mm x 515mm x 105mm (21.46" x 20.28" x 4.13")	545mm x 515mm x 105mm (21.46" x 20.28" x 4.13")	545mm x 515mm x 105mm (21.46" x 20.28" x 4.13")
Net Weight	7.4 Kg (16.31 lbs)	7.8 Kg (17.20 lbs)	9.42 Kg (20.77 lbs)	11.3 Kg (24.91 lbs)
Shipping Weight	9.5Kg (20.94 lbs)	9.5Kg (20.94 lbs)	12.6Kg (27.78 lbs)	12.6Kg (27.78 lbs)
Mounting	1 RU	1 RU	1 RU	1 RU
Colour	Black	Black	Black	Black



ENGINEERED BY AUSTRALIAN MONITOR

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