

Australian Monitor

AMD2100P

AMD Series Power Amplifier

The Australian Monitor AMD2100P is a one RU dual channel power amplifier of class-D design. The AMD2100P delivers 100 watts per channel into 100 volt, 70 volt or 4 ohms.

The AMD 2100P features front panel signal presence and fault indication per channel, rear panel volume controls, remote master VCA per channel, standby contact closure and a RS232 port for control via a third party control system. Parameters that can be controlled via RS232 are channel input cross mix level, channel input cross mix mute, channel output level and mute, standby state and amplifier fault indication. The AMD2100P amplifier is as feature packed as it is innovative.



Features

- 1 RU, class-D design
- 100 watts per channel @ 100 volt, 70 volt, and 4 ohm
- Signal present and fault indication per channel
- VCA master control per channel
- Standby contact closure
- RS232 control



Specifications

The amplifier shall be dual channel, one standard rack unit in height and deliver 100 watts per channel into 100 volt, 70 volt or 4 ohms. The amplifier shall have signal presence and fault indication per channel with rear panel volume controls and remote VCA master controls available per channel. The amplifier shall have a standby state contact closure and shall be able to be controlled via RS232.

The amplifier shall be the Australian Monitor AMD2100P



AMD2100P

	Specification	Conditions
Frequency Response	70 Hz - 18 kHz, -3 dB	Signal Input 2 dB below clip
Total Harmonic Distortion	< 0.6 %	Signal input 2 dB below clip
Input Impedance	11 k ohms	
Max Input	21 dBu 0 dBu	Gain pots adjusted accordingly Gain pots at maximum
Crosstalk Between channels	> 70 dB	1 kHz, maximum output
Power Output		
4 ohm	100 W	20 Vrms
70 V	100 W	49 ohms
100 V	100 W	100 ohms
Power Consumption		
Standby	7 W	No USB or serial attached, 4 Ohm load
Idle	11 W	No USB or serial attached, 4 Ohm load
1/8th Power	48 W	No USB or serial attached, 4 Ohm load
1/3rd Power	107 W	No USB or serial attached, 4 Ohm load
Thermal Dissipation		
Standby	7 W (23.88 Btu/Hr)	
Idle	11 W (37.53 Btu/Hr)	
1/8 power	23 W (78.48 Btu/Hr)	Pink noise 12 dB crest factor, typical of program music just before clip
Power Input	AC: 115-120 V 60Hz / 230-240 V 50Hz	Factory Configured
Recommended Operating Temp	10° C to 45° C (50° F to 113° F)	
Recommended Operating Humidity	5 % to 95 %	
Dimensions (W x D x H)	430 x 438 x 44 mm (16.9" x 17.25" x 1.75")	Not including rack ears or rear panel connectors
Shipping Dimensions (W x D x H)	540 x 530 x 140 mm (21.3" x 20.9" x 5.5")	
Weight		
Net	9kg (19.8lb)	
Shipping	11kg (24.2lb)	

ENGINEERED BY AUSTRALIAN MONITOR

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