# Australian Monitor

# AMD2200P

## AMD Series Power Amplifier

The Australian Monitor AMD2200P is a 1 RU dual channel power amplifier of class-D design. The AMD2200P delivers 200 watts per channel into 100 volt, 70 volt or 4 ohms.

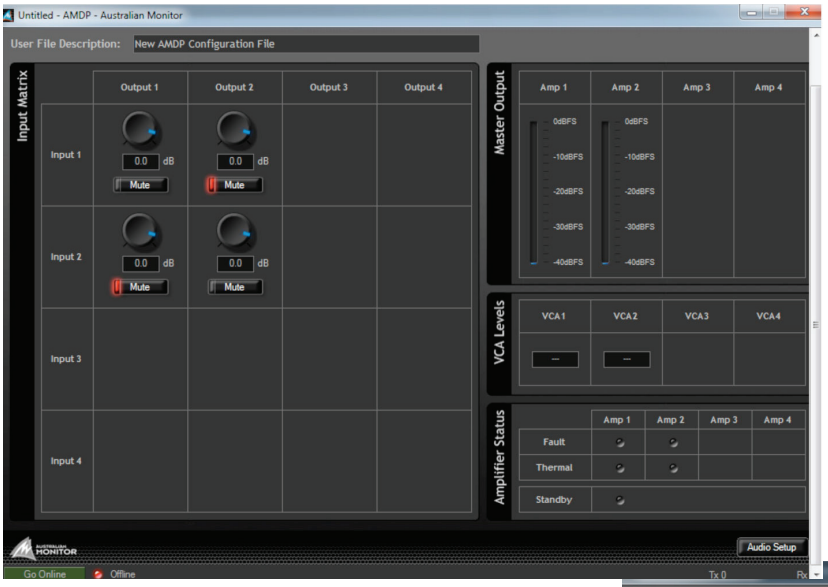
The AMD2200P features front panel signal presence and fault indication per channel, rear panel volume controls, remote master VCA per channel, standby contact closure and a RS232 or Ethernet port for control via a third party control system. Input cross mix level, channel input mix mute, channel output level and mute, standby state and amplifier fault indication can all be controlled via the RS232 or Ethernet port.

An Ethernet port provides PC connectivity for use with the supplied software application, remote control and status monitoring.


## Features

- 1 RU, class-D design
- 2 x 200 watts @ 100 volt, 70 volt, and 4 ohms
- Signal presence and fault indication per channel
- VCA master control per channel
- Standby contact closure
- RS232 control
- Ethenet Control Port
- Built in DSP processor
- 24 volt operable

# Software Configuration




Opening software page allowing input cross mix level, channel input mix mute, VCA values, amplifier fault conditions and LED output level meters in dBFS


Audio set up page, allowing access to VCA control, Crossover /EQ, Delay, Dynamic Control and Master amplifier output level.

# 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 or Ethernet port for third party control systems. The amplifier will contain a built in DSP processor per channel.

The amplifier shall be the Australian Monitor AMD2200P

## AMD2200P

| | Specification | Conditions |
|---|---|---|
| Frequency Response | 70 Hz - 20 kHz, ±3 dB | Signal Input 2 dB below clip |
| Total Harmonic Distortion | < 0.6 dB | Signal input 2 dB below clip |
| Input Impedance | 11 kOhms | |
| Normal Input | +1 dBu | Rear panel level controls at maximum, DSP bypassed |
| Crosstalk Between channels | > 60 dB | 1 kHz, maximum output |
| Power Output | | |
| 4 ohms | 200 W | (28.3 Vrms) |
| 70 V | 200 W | (25 Ohms) |
| 100 V | 200 W | (50 Ohms) |
| Power Consumption | | |
| Standby | 12 W | |
| Idle | 20 W | |
| 1/8th Power | 92 W | |
| 1/3rd Power | 204 W | |
| Thermal Dissipation | | |
| Standby | 12 W (40.94 Btu/Hr) | |
| Idle | 20 W (68.24 Btu/Hr) | |
| 1/8 power | 67 W (228.6 Btu/Hr) | |
| 1/3 Power | 137 W (468.58 Btu/Hr) | |
| Power Input | AC Mains: 110-120 V 60Hz / 220-240 V 50Hz<br>24VDC Battery Backup | 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) | 433 x 442 x 44 mm<br>(17” x 17.4” x 1.75”) | Not including rack ears or rear panel connectors |
| Shipping Dimensions (W x D x H) | 555 x 555 x 170 mm<br>(22” x 22” x 6.7”) | |
| Weight Net | 11kg (24.2lb) | |
| Weight Shipping | 15kg (33lb) | |


ENGINEERED BY AUSTRALIAN MONITOR

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