

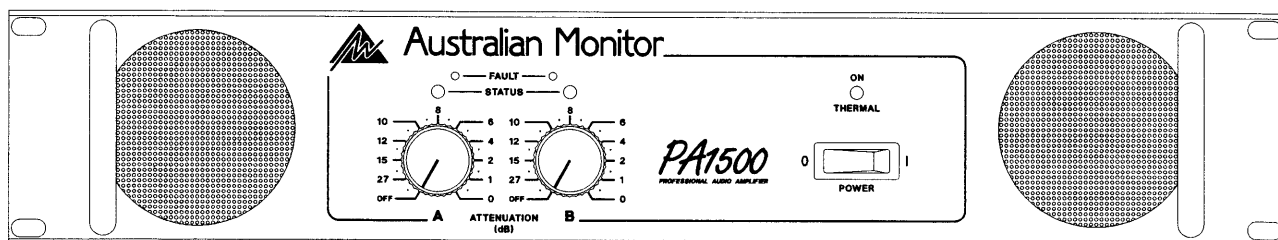
Coming Soon

 Australian Monitor

PA1500

750 + 750 watts

PROFESSIONAL POWER AMPLIFIER



Pushing the boundaries of engineering excellence, this amplifier embraces all the positive attributes of linear amplifier technology. The output stage utilises the latest available "Double Die" Lateral MOSFET devices minimising losses and allowing over 1,000 watts per channel to be delivered comfortably in to current hungry 2 ohm loads.

Careful manipulation of the amplifier's transfer characteristic has married linearity with musicality. Its sonic attributes make it the perfect choice for critical listening and monitoring applications, whilst the bullet proof build, instantaneously available high energy and host of protection features allows it to tackle the toughest "Diesel and Dust" touring environments with ease.

The Australian Monitor *PA* Series.....You can now afford the best.

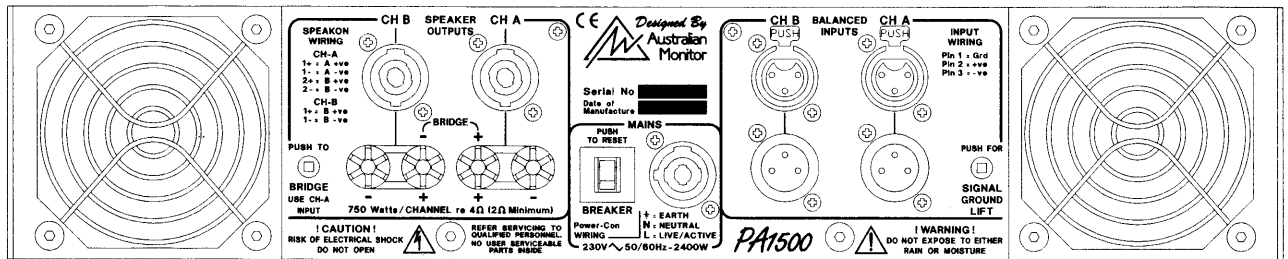
FEATURES:

- 2U high, heavy duty custom alloy chassis
- Modular construction - easy service
- Symmetrical layout - even weight distribution
- High efficiency toroidal mains transformer
- Well regulating, high energy linear power supply
- Binding posts and Speakon output connectors
- Stereo, bridged and mono operation
- Balanced inputs and buffered attenuators
- Mains circuit breaker
- Signal strapping connectors on both channels
- Plug-in signal modifiers (active filters, limiters, etc.)
- 21 Position detented attenuators
- High quality componentry
- Output condition fault indicator
- 1 watt and clipping indicators
- Efficient front to back cooling
- Quad, twin speed axial fans
- Neutrik Power-Con mains connection

PROTECTION:

- Independent rail fuses
- Input muting at turn on
- Input over-voltage protection
- R.F. Interference suppression
- Short circuit protection and indication
- Thermal overload protection and indication
- Mains inrush current suppression and indication
- Layout, grounding, decoupling and componentry have been optimised to provide the user with stability, reliability and longevity.





PRELIMINARY SPECIFICATIONS

Model: *PA1500*

Output Power

E.I.A. 1 kHz, <0.1 % THD+N.
Single channel driven.
Both channels driven.

8 ohm	4 ohm	2 ohm
550W	850W	1,150W
500W	750W	1,000W

Pulsed @ 1 kHz, at onset of clipping,
10% duty cycle.
Single channel driven.
Both channels driven.

4 ohm	2 ohm
950W	1,250W
900W	1,200W

Bridge mode

16 ohm	8 ohm	4 ohm
1,000W	1,500W	2,000W

Distortion (0.5 dB below clipping re 4 ohms)
THD+N (@1 kHz) <0.01%
IMD SMPTE (60 Hz & 7 kHz 4:1) <0.05%
IMD DIM 30 (3.15kHz square & 15 kHz) <0.02%

Input Sensitivity (nominally)
For rated power re 8 ohm 1.26 Vrms (+4 dBu)
For rated power re 4 ohm 1.10 Vrms (+3 dBu)

Output Impedance @ 1 kHz <0.020 ohms

Input CMRR
@ 1 kHz (re 8 ohm rating) >80 dB

Damping Factor @ 1 kHz re 8 ohms >400:1

Signal / Noise ratio
"A" weighted (re 8 ohm rating) >105 dB

Output Rise Time <2.8mS
(80%, leading edge of 20kHz square wave)

Crosstalk
@ 1 kHz (re 8 ohm rating) >90 dB

Slew Rate >70V permS
(leading edge, 20kHz square wave @ clipping)

Weight Net 41.8 lb (19kg), Shipping 47.3lb (21.5kg)

Frequency Response
20 Hz - 20 kHz <±0.15 dB
-3dB points <10Hz - 90kHz

Dimensions H x W x D
excluding handles 3.5x 19 x 14.8 (inch)
88 x 482x 375 (mm)
including handles 3.5x 19 x 18.3 (inch)
88 x 482x 465 (mm)

Input Impedance
Line to Line (Balanced) 30k ohms

(19 inch EIA rack mounting, 2 units high)



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