



Australian Monitor

AM3002

PERFORMS ANYWHERE, ANYTIME

1000 x 1000 WATTS @ 4 OHM



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AM3002



TOUGH, RELIABLE & SONICALLY SUPERIOR

AM3002: PURE POWER

Creating the Australian Monitor AM3002 is one of the proudest achievements of our design team. A huge power level, sonic purity and a totally reliable platform position the AM3002 in a class of its own on the world stage of high level professional power amplifiers. The utilisation of double die mosfet devices, high energy capable linear supply and our renowned engineering ability, has yielded a FET amp with minimal losses in its output stage, capable of delivering clear, clean power into low load impedences.

Due to the extra power demands, we have taken our legendary AM1200 and AM1600 and added the following features to the AM3002:

- An extended chassis with Quad-dual speed fan cooling system
- Side chain control of a mains contactor for mains on/off, alleviating stress and welding of electro-mechanical mains related components.
- 150% more instantaneous energy available from our renowned well regulating supplies.
- Rear Panel mounted individual high current circuit breakers on each current rail.

SITUATION CRITICAL

RELIABILITY IS EVERYTHING

THE FEATURES:

- 3 ru Heavy Duty Chassis
- Mains Circuit Breaker
- Modular Construction
- Symmetrical layout for even weight distribution
- Well regulated, high energy linear power supply
- 100V output without a line transformer (also 2,4 and 8 ohm)

THE POWER RATING:

Per Channel

650 watts @ 8 ohms

1000 watts @ 4 ohms

1600 watts @ 2 ohms

Bridge Mode

2175 watts @ 8 ohms

3250 watts @ 4 ohms

THE PROTECTION SYSTEM:

Our Famous 8 Point Protection Network consists of

1. Mains Circuit Breaker
2. Independent Rear Panel +- power rail fuses
3. Input muting at turn on
4. Short circuit protection with LED indication
5. Input over-voltage protection
6. RF interference suppression
7. Thermal overload protection with LED indication
8. Mains inrush current suppression and LED indication

THE COOLING SYSTEM:

Quad-Dual speed fans per channel blowing air directly over the critical drive and PSU components. This system will maintain a thermally safe environment even in the most extreme conditions.



THE PERFORMANCE:

Frequency Response:	20Hz-20kHz +- 0.25dB
Damping Factor:	>400:1
Output Impedance:	<20 milli ohm
Input Impedance:	25k ohms
Input Sensitivity:	1.14 volts +- 3dB
Input CMRR:	better than 90dB
Slew Rate:	65V/us
Signal To Noise (A weighted):	106dB
Crosstalk @ 1kHz:	better than 90dB
Distortion @0.5dB below clipping re 4 ohms:	THD <0.005%@1kHz 4 ohms
Weight net:	32kg
Weight shipping:	35kg
Dimensions including handles:	482*133*535mm (W*H*D)

THE WARRANTY:

2 Years Full Warranty

**OTHER MODELS IN THE AM SERIES ARE AVAILABLE.
CONTACT YOUR LOCAL DEALER OR NEAREST AUDIO TELEX OFFICE.**



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