



# Australian Monitor

# AM1600

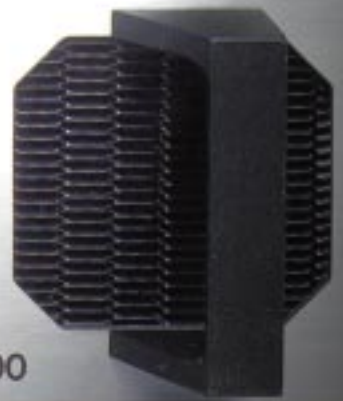
PERFORMS ANYWHERE, ANYTIME

820 + 820 WATTS @ 4 OHM

 Australian Monitor



AM1600



**TOUGH, RELIABLE & SONICALLY SUPERIOR**

## AM1600: THE LEGEND

Few amplifiers in the world can boast the reputation of the Australian Monitor AM1600. An amplifier designed and built in one of the toughest countries in the world, Australia. The AM1600 is known throughout the professional audio world as one of the most reliable and superior sounding amplifiers on the market.

"Performs Anytime, Anywhere" is this amplifier's claim to fame. If you need an amplifier to work first time every time and make your sound system perform to its optimum level at all frequencies, the AM1600 is for you. The touring market is where the AM1600 earned its reputation. The AM1600 quickly built a reputation of delivering clean sound in this harsh environment. If an amplifier can consistently deliver in this market, it can deliver anywhere.

The AM1600 is an integral part of the sound reinforcement systems in many prestigious locations but most importantly, it will make your sound system sound spectacular everytime.

**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

8 ohms	510 watts
4 ohms	820 watts
2 ohms	1100 watts

Bridge Mode

8 ohms	1670 watts
4 ohms	2200 watts

## 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:

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 +- 0.5dB
Damping Factor:	>650:1
Output Impedance:	<15milli ohm
Input Impedance:	25k ohms
Input Sensitivity:	0.92 volts + 1.5dB
Input CMRR:	better than 90dB
Slew Rate:	65V/us
Signal To Noise (A weighted):	105dB
Crosstalk @ 1kHz:	better than 90dB
Distortion @ 0.5dB below clipping re 4 ohms:	THD <0.005%@1kHz 4 ohms
Weight net:	30kg
Weight shipping:	33kg
Dimensions including handles:	482*133*460mm (W*H*D)

## THE WARRANTY:

2 Years Full Warranty