



Australian Monitor

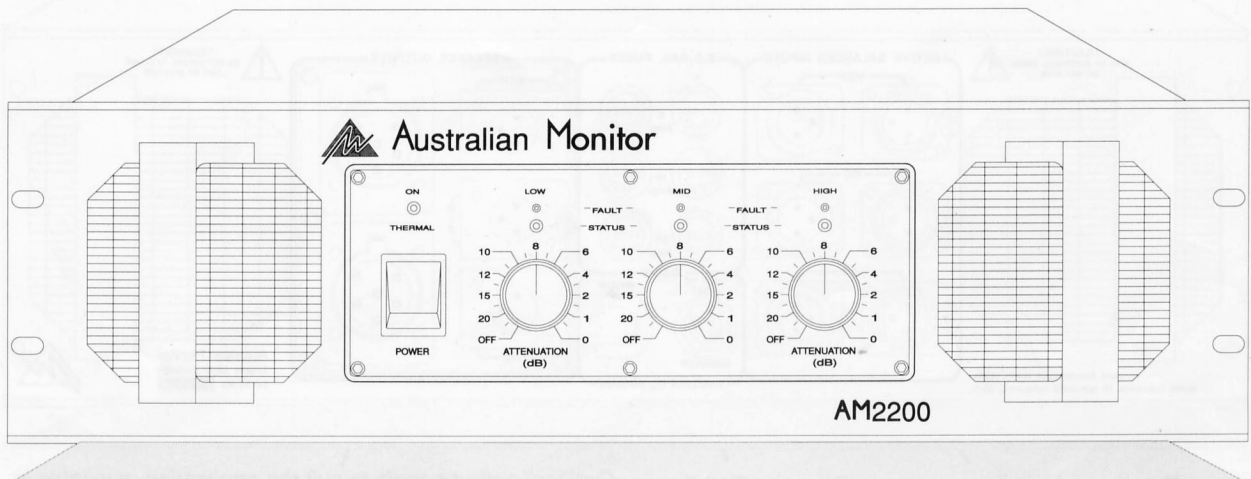
AM2200

TRI-AMP

THE **AM2200** is one of Australian Monitor's custom projects to fulfill the needs of a Sydney based sound production company. The company required simplified drive requirements for their "TURBOSOUND" TMS-3 cabinets, where a single amplifier would power a pair of TMS-3 cabinets. This allowed for greater flexibility when smaller systems, delay stacks or even

single boxes were required, reducing the quantity of amplifiers and simplifying patching into and out from these racks.

THE **AM2200** matches the R.M.S. power requirements of the TMS-3's whilst maintaining some headroom.



POWER	SINGLE CHANNEL	ALL CHANNELS	PEAK
Low amp @ 2 ohms	1400 watts	1320 watts	1800 watts
Mid amp @ 4 ohms	700 watts	610 watts	800 watts
High amp @ 4 ohms	390 watts	330 watts	450 watts

The amplifier utilizes a well regulating high current capable Linear Power Supply featuring a 2k4VA Toroidal Mains Transformer with multiple wound secondaries where any of the amplifier channels have access to the VA capabilities of this massive transformer. Supplementing the Toroid are 105°C rated Computer Grade Electrolytics whose large plate area allow for maximum current "dump". The attitude of the power supply is one of "back up" and "restore" rather than relying on storage alone.

The amplifier is housed in our renowned 3 unit chassis that the AM1600 and AM1200 utilize. This chassis is of a totally modular construction and fabricated from our own Heavy Duty Custom Alloy Extrusions. Multiple point mounting of the modules ensures a perfectly rigid chassis.

Front to back cooling by twin dual speed fans is provided and the unhindered air flow, over the 3,000 square inches of directly cooled heatsink area, reduces the amount of dust settlement within the unit.