



Australian Monitor

KMa750

WHISPER QUIET, SONICALLY SUPERIOR



MULTI-CHANNEL AMPLIFIER

6 x 125 WATTS

The Australian Monitor KMa750... Compact, Well Featured and Sonically Superior.

The KMa750 offers the build quality, reliability and superior sound quality that Australian Monitor has become renowned for around the world. The KMa750 features six individual, matched, precision mosfet amplifiers rated at 125 watts at four ohms, in a compact 2 ru chassis. This unit also features microprocessor controlled cooling and status indication. Channels three and four can be bridged to deliver 300 watts at 8 ohms. An inbuilt subwoofer filter (120Hz) is included for this bridged output.

This filter can conveniently be engaged via a rear panel switch when required.

The convenience continues with the addition of the KMT750 which converts the outputs of the KMa750 to 100V, 70V or isolated 8 ohm outputs. The KMT750 includes 6 x transformers and a high pass filter for each output to alleviate transformer saturation at the speakers. Simply connect all six outputs of the KMa to the inputs of the KMT and then feed your speakers from the KMT750.

This convenient package is ideal for any installation or hire situation which calls for multi channel amplifiers with superior sonic qualities and that famous Australian Monitor reliability. Examples of such applications include nightclubs, hotels, function rooms /conference centres and soundscapes/surround sound.

SITUATION CRITICAL

RELIABILITY IS EVERYTHING

THE FEATURES:

- 2 ru Chassis
- Modular Construction
- Symmetrical Layout for even weight distribution
- Well regulated, high energy linear power supply
- Binding Post outputs
- XLR inputs

THE POWER RATING:

Single Channel Driven 120w @ 8 ohms, 180w @ 4ohms

All Channels Driven 100w @ 8 ohms, 125w @ 4 ohms

Bridge Mode (Channels 3 and 4) 200w @ 16 ohms, 300w @ 8 ohms

Dymanic Power @1kHz, at onset of clipping, 20 cycles@0dB, 480 cycles@-20dB, re 4 ohm 235 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 -0.2, -0.17dB
Damping Factor:	>400:1
Output Impedance:	<0.020 ohms
Input Impedance:	45k ohms
Input Sensitivity @ 4ohms:	1.23 Vrms (+4.0 dBu)
Input CMRR:	>60dB
Slew Rate:	>35V per (S)
Signal to Noise ("A" weighted):	>100dB
Crosstalk @ 1kHz:	>70dB
Distortion @ 0.5dB below clipping re 4 ohms:	THD <0.005%@1kHz
Weight net:	14kg
Weight shipping:	17kg
Dimensions including handles:	483*88.5*455mm (W*H*D)

THE WARRANTY:

2 Years Full Warranty



OTHER MODELS IN THE K SERIES ARE AVAILABLE.

CONTACT YOUR LOCAL DEALER OR NEAREST AUDIO TELEX OFFICE FOR FURTHER DETAILS.



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