



New Caspian Integrated Amplifier **M SERIES - 1**

- New all silver front panel with **red** indicator lights
- New chassis and cover with increased ventilation
- High quality Mains inlet filter
- Full functional System remote control (*Silver Colour*)
- 20% higher output power (*85 Watts/Channel into 8Ω, 120 W/Ch into 4Ω*)
- Dedicated output protection board with high current relays
- Five line inputs plus tape input and output
- Manual input selector
- Tape monitor function
- Manual standby function
- Input and status indicator
- Motorised volume control with LED position indicator
- -20dB mute function
- 2 pre-amplifier outputs
- Power amplifier input (**requires internal work for activation**)
- 350VA ultra low noise, low leakage Toroidal transformer
- Short circuit protection
- Power supply failure detection
- Pre power-up diagnostic check
- Gold plated input RCA connectors and speaker binding posts



ADDITIONAL INFORMATION



The new look Caspian Integrated Amplifier benefits from many superior quality components providing wider bandwidth, lower distortion and more dynamic range for enhanced performance. Improved ventilation for cooler running allows longer periods of increased sound level before thermal protection cut out point. Thanks to its new higher power output devices, high specification coupling capacitors, new signal and driver transistors and improved power supply it has deeper and tighter bass, more open mid range and smoother more detailed top end and better control over the loudspeakers than its predecessor. All this combined with precise timing and enhanced sound staging has redefined the performance of this world wide acclaimed amplifier. With its new classic and timeless aesthetics the Caspian **M SERIES- 1** is an integrated amplifier in a class of its own.

SPECIFICATIONS

Caspian Integrated Amplifier

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|--------------------------------|---|
| Line Inputs | 5 plus Tape |
| Input Impedance | 47 k Ω |
| Input Sensitivity (70W) | Line 240mV |
| Line Outputs | Tape, Preamp (x2) |
| Output Voltage | 240mV (Tape Out) 700mV (Pre Out) |
| Power Outputs | Loudspeaker, L & R |
| Output Power | >85 Watts, into 8 Ω both channels driven >120 Watts, into 4 Ω both channels driven |
| Power Supply | 350VA Ultra Low Noise Toroidal Transformer 4 Regulated Supply Rails |
| Current Output | 50 Amps Peak to Peak |
| Damping Factor | >140 (8 Ω) |
| Frequency response | -3dB, <1Hz – 90kHz |
| Gain | 40dB Overall (Pre & Power) 9.3dB Preamp 30.7dB Power Amplifier |
| Harmonic Distortion | 0.002% 1kHz, 0.015% 20kHz 10W - 8 Ω 0.0025% 1kHz, 0.03% 20kHz 50W - 8 Ω |
| Signal to Noise Ratio | Line 108dBa (ref. 500mV) 85dBa (ref. 1W, 8 Ω) |
| Power Source | 100V – 120V 50Hz / 60Hz 220V – 240V 50Hz / 60Hz (via Mains inlet filter) |
| Power Consumption | < 230 W |
| Dimension | 432 x 330 x 70 (W x D x H) mm 432 x 330 x 80 (including feet) |
| Weight | 12 Kg |