



## New Caspian Stereo Power Amp. **M SERIES - 1**

- New all silver front panel with **red** indicator lights
- New chassis with increased ventilation
- 20% higher output power (*85 Watts/Channel into 8Ω, 120 W/Ch into 4Ω*)
- Dedicated output protection board with high current relays
- Manual standby function
- Auto sensing standby function
- Chain output
- 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 Stereo Power 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, 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 yet timeless aesthetics, the Caspian **M**SERIES-1 is an amplifier in a class of its own.

## SPECIFICATIONS

## Caspian Power Amplifier

<b>Input Impedance</b>	38 k $\Omega$
<b>Input Sensitivity</b>	700mV RMS
<b>Signal Inputs</b>	Left & Right channels
<b>Signal Outputs</b>	Chain Output L & R Channels
<b>Power Outputs</b>	Loudspeaker, L & R
<b>Output Power</b>	>85 Watts continuous, into 8 $\Omega$ both channels driven >120 Watts continuous, into 4 $\Omega$ both channels driven
<b>Power Supply</b>	350VA Ultra Low Noise Toroidal Transformer
<b>Current Output</b>	50 Amps Peak to Peak
<b>Damping Factor</b>	>140 (8 $\Omega$ )
<b>Frequency response</b>	-3dB, 2Hz – 90kHz
<b>Gain</b>	30.7dB
<b>Harmonic Distortion</b>	0.002% 1kHz, 0.015% 20kHz 10W - 8 $\Omega$ 0.0025% 1kHz, 0.03% 20kHz 50W - 8 $\Omega$
<b>Signal to Noise Ratio</b>	>116dB (ref 85W, 8 $\Omega$ )
<b>Power Source</b>	100V – 120V 50Hz / 60Hz 220V – 240V 50Hz / 60Hz
<b>Power Consumption</b>	< 230 W
<b>Dimension</b>	432 x 330 x 70 (W x D x H) mm 432 x 330 x 80 (including feet)
<b>Weigth</b>	10 Kg