



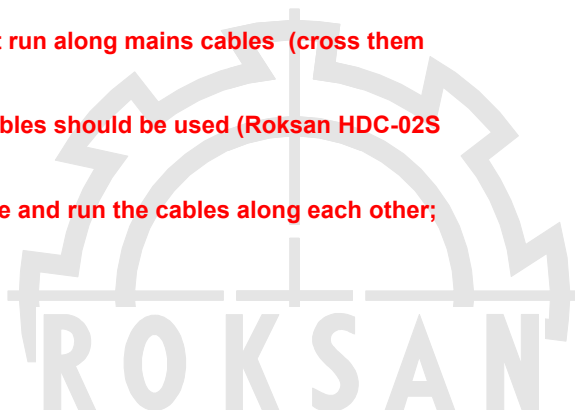
## New Generation Power Amp.

## 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 8 $\Omega$ , 120 W/Ch into 4 $\Omega$ )
- 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



- **Should be placed on good quality, non-resonant, level table or shelf**
- **Good quality interconnects should be used (Roksan HDC-02A recommended)**
- **All analogue interconnects should be twisted together where ever possible.**
- **Keep AC Mains cables together and away from signal cables**
- **Signal cables should not run along mains cables (cross them at 90° if required)**
- **Good quality Speaker cables should be used (Roksan HDC-02S recommended)**
- **Always bi-wire if possible and run the cables along each other; avoid coiling the cables**



## ADDITIONAL INFORMATION

The new **GENERATION** Caspian Integrated Amplifier benefits from a **split power supply** module based on the world acclaimed **M SERIES** Mono amps. Front stage power of each channel is now powered independently. The new **M SERIES- 1** Stereo Power Amplifier benefits from many superior quality components providing wider bandwidth, lower distortion and higher 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 high 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 it's new classic yet timeless aesthetics, the new **GENERATION** Caspian **M SERIES- 1** is an amplifier in a class of its own.

## SPECIFICATIONS

## M SERIES - 1 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