



New Caspian Pre Amplifier

M SERIES - 1

Introduction

- 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*)
- Split power supply (x2 *High efficiency rectification and smoothing capacitors*)
- x8 Low impedance regulated power rails
- x2 control and logic regulated power rails
- Manual input selector
- Tape monitor function
- Manual standby function
- Input and status indicator
- Motorised volume control with LED position indicator
- -20dB mute function
- 3 pre-amplifier outputs
- Five line inputs plus tape input and output
- 350VA ultra low noise, low leakage Toroidal transformer
- Power supply failure detection
- Pre power-up diagnostic check
- Gold plated input RCA connectors



Caspian Pre Amp



ADDITIONAL INFORMATION



The new look Caspian Pre Amplifier is a dual mono, complimentary, fully symmetrical design with fully regulated power rails for different sections. There are four regulated power rails for Left and for Right channel amplification section. There are two regulated power rails for the buffer section and two regulated power rails for an optional internal phono amplifier. This preamplifier is designed utilising many superior quality components providing much wider bandwidth, lower distortion and more dynamic range for true high-end performance. There are two sets of high efficiency ultra fast rectification and main smoothing reservoir capacitors that feed the eight low impedance, low noise regulators for the amplifier circuit. The control and logic circuits have their own separate regulated power supplies to eliminate unwanted interference with the audio section. The performance of this preamplifier is truly high-end with attack, speed, clarity and musicality second to none. Deeper, tighter and fully controlled bass, more open mid range, smoother yet much more detailed top end with precise timing and enhanced sound staging are hallmarks of this pre amplifier.

With new classic and timeless aesthetics the Caspian **M**SERIES- 1 pre amplifier is in a class of its own and will compliment and enhance the performance of any high-end source.

SPECIFICATIONS

Caspian Pre Amplifier

Line Inputs	5 plus Tape
Input Impedance	47 k Ω
Line Outputs	Tape, Preamplifier (x3)
Power Supply	350VA Ultra Low Noise Toroidal Transformer 10 Regulated Supply Rails
Frequency response	-3dB, <0.5Hz – 110kHz
Gain	9.3dB Preamplifier
Harmonic Distortion	<0.0015% 1kHz, <0.009% 20kHz
Signal to Noise Ratio	Line 108dBa (ref. 500mV)
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