



New **G**ENERATION Caspian CD Player **M** SERIES - 1

- New front panel and draw
- New Mechanism (Individually selected)
- New Mother board and control PCB
- New D to A PCB (**Advance segment stereo audio DAC 24 bit, 192 kHz**)
- High quality Mains inlet filter
- Front CD loading draw
- New full functional System remote control (*Silver/Grey Colour*)
- Programme facility
- Repeat function (One/All & A-B)
- Full functioning display, time elapsed, time remaining on track and time remaining on disc
- 75 Ohm Coaxial gold plated RCA digital output
- 110 Ohm Balanced AES/EBU gold plated XLR digital output
- Optical Toslink digital output
- Gold plated RCA analogue output connectors
- Random play
- 10 second intro play
- Separate transformer and power supply for the analogue output stage
- Super precision, stable Custom Made master clock crystal



ADDITIONAL INFORMATION



The new **GENERATION** Caspian CD Player utilises a new Mechanism, Mother board, Control PCB and new DAC PCB. The mechanisms are all individually selected to ensure super performance. The new mother board has four fully regulated power supplies for the mechanism and digital section plus separate supplies for the display and control PCB. This new system does not require any set-up and thus eliminates 'aging' of the laser control parameters. Superior quality components, carefully laid out on 2 oz copper double sided PCBs ensure full execution of this new design. The D/A board utilises no less than six fully regulated power rails, six high current Op Amps and a custom made super precision crystal for master clock system. Every component has been chosen to enhance performance and reliability. Almost all digital and analogue circuit components have been up rated for lower distortion, lower noise and more dynamic range. The new **GENERATION** Caspian has even tighter and better defined bass, life like open and detailed mid range with much extended yet smoother and clearer top end. These improvements ensure unsurpassed timing, dynamics and sound staging that compliment the new Caspian range. Aesthetics of this new Caspian **M SERIES-1** CD player coupled with its unparalleled audio performance makes it a must for any high-end system.

SPECIFICATIONS

Caspian Integrated CD Player

| | |
|-----------------------------------|--|
| Operating System | CD digital audio system (CD, CD-R, CD-RW) |
| Frequency Response | 20Hz – 20kHz \pm 0.2dB |
| Harmonic Distortion | < 0.001% @ 0dB, 1kHz (Typically 0.0005%) < 0.006% @ -30dB, 1kHz < 0.01% @ 0dB, 20kHz |
| Intermodulation Distortion | < 0.001% @ 0dB (Typically 0.0005%) |
| S/N Ratio (IHF-A Wtd.) | 105 dB |
| Wow & Flutter | Quartz precision |
| Channel Separation | >100 dB @ 1kHz >80 dB @ 20kHz |
| Output Voltage | 1.9Vrms |
| Digital Outputs | 75 Ohm Coaxial , RCA 110 Ohm Balanced AES/EBU , XLR Optical , Toslink |
| D/A Conversion | PCM1730E Advace Segment, Audio-Stereo DAC |
| Resolution/Sampling | 24 bits / 192 kHz |
| Oscillation | 3 rd Overtone Oscillation |
| Crystal | Super precision, custom made |
| Jitter | <150 psec (Typically 70 psec) |
| Idle Pattern | <-115 dB |
| Stop band Rejection | <-78 dB |
| Power Supply | x2 high performance low noise toroidal transformers 10 fully regulated power rails |
| Power Source | 100V – 120V 50Hz / 60Hz 220V – 240V 50Hz / 60Hz |
| Power Consumption | < 15 W |
| Dimension | 432 x 330 x 70 (W x D x H) mm 432 x 330 x 80 (including feet) |
| Weight | 10Kg |