New M2 Caspian CD Player

- New, modern, timeless aesthetics
- New stainless steel cover
- High quality Mains inlet filter
- Full functional Roksan LCD system remote control (*RMX-108*)
- Double decoupled Laser Mechanism cradle
- 50VA Ultra low noise toroidal transformer dedicated to the Analogue output stage power supplies
- 55VA Ultra low noise toroidal transformer dedicated to all digital and control circuit power supplies
- Gold plated RCA and Balanced XLR analogue outputs
- Gold plated RCA Coaxial digital output
- Gold plated XLR AES/EBU balanced digital output
- Optical TosLink digital output
- Programme facility
- Repeat function (One/All & A-B)
- Display time; elapsed, remaining on track and remaining on disc
- Random play
- 10 second intro play

All specifications are liable to change without notice. E & OE

ADDITIONAL INFORMATION

The new M2 Caspian CD Player utilises individually selected Laser Mechanism to ensure super performance. The new mother board has **12** fully regulated power supplies for the mechanism and digital section plus separate supplies for the display and control PCB, DAC and Balanced output sections. 2 oz copper double sided PCBs ensure full execution of this new design. The **D/A** filter and analogue output circuits have their own dedicated 50VA toroidal transformer and power supplies to eliminate any interaction with the digital circuit section. Custom made super precision crystal with a divider and driver circuit ensure ultra stable and accurate system clock. 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 precise harmonic structure making the M2 CD Player a benchmark.

SPECIFICATIONS

Caspian Balanced CD Player

Operating System	CD digital audio system (CD, CD-R, CD-RW)
Frequency Response	20Hz – 20kHz ± 0.2dB
Harmonic Distortion	< 0.0015% @ 0dB, 1kHz (Typically 0.0005%) < 0.005% @ -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 >100 dB @ 20kHz
Output Voltage	1.95Vrms
Analogue Outputs	L&R, RCA Gold plated L&R Balanced XLR Gold plated
Digital Outputs	75 Ohm Coaxial, RCA Gold plated 110 Ohm Balanced AES/EBU, XLR Gold plated Optical, Toslink
Mechanical Isolation	Main chassis de-coupling feet, custom made Laser mechanism 2 stage de-coupling
Power Supply	x2 high performance low noise toroidal transformers 12 fully regulated power rails
D/A Conversion	PCM1798 Advace Segment, Stereo DAC
Resolution/Sampling	24 bits / 192 kHz
Oscillation	3rd Overtone Oscillation Crystal Super precision, custom made
Jitter	<130 psec (Typically <70 psec)
Idle Pattern	<-105 dB
Stop band Rejection	<-95 dB
Power Source	100V – 120V 50Hz / 60Hz 220V – 240V 50Hz / 60Hz (via High Quality Mains inlet filter)
Power Consumption	< 20 W
Dimension	432 x 330 x 70 (W x D x H) mm 432 x 330 x 80 (including feet)
Weight	10 Kg Gross; 7 Kg Net

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