MUSICAL FIDELITY

X-RAY^{V3} CD Player

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OVERVIEW

The X-Ray^{V3} is one of the best CD players in the world regardless of price. In our view a CD player's technical performance defines its sound quality. The X-Ray^{V3} has vanishingly low distortion, extremely low jitter, low noise threshold, great linearity and is on a par or better than most of the world's expensive CD players.

FEATURES & BENEFITS

Upsampling to 24-bits at 96kHz.	Gives greatly improved sound due to digital noise and other artefacts being moved out of band.
Highly sophisticated PSU.	Allows all circuits to operate in ideal conditions, giving extraordinary results.
Very low jitter.	Low jitter and clock errors mean more harmonic accuracy and dynamic range. It sounds better.
Generally excellent technical performance.	Pretty well as good as any regardless of price.

SPECIFICATIONS

DAC architecture	24 bit Delta-Sigma (Bitstream) Dual differential 8x oversampling
Disc mechanism	Philips
Upsampling	96kHz
Frequency response	10Hz to 20kHz +0 / -0.2dB
Signal / noise ratio	> 115dB 'A' weighted
Total harmonic distortion	< 0.006% 10Hz to 20kHz
Total correlated jitter	< 170 pS
Channel separation	> 100dB 20Hz to 20kHz
Linearity	< 0.2dB down to -90dB
Audio output at digital 0dB level	2.14VRMS at 1kHz nominal
Analog output	1 pair RCA connectors
Analog output impedance	50 Ohms
Digital outputs	1 optical (Toslink), 1 S/PDIF (RCA connector)
Power requirements	100 / 115 / 230V AC 50 / 60Hz (factory preset), 15 Watts
Dimensions (approximate)	216mm, 8.5 inches wide 100mm, 3.9 inches high including feet 345mm, 13.6 inches deep including rear terminals and on/off button
Weight	5kg, 10 lbs unit only, un-boxed 6.5kg, 14.3 lbs in shipping carton
Standard accessories	Remote control handset (universal type), 2 batteries size LR03 or AAA, manganese alkaline type, IEC mains lead (10 Amp type)