

MUSICAL FIDELITY

X-RAY CD Player

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OVERVIEW

FEATURES & BENEFITS

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| Five pole hybrid analogue filtering. | Our sophisticated post D-to-A filtering removes digital aliasing and breakthrough artefacts present in other designs, which are often responsible for mixed performance with different amplifiers. |
| Extremely low jitter. | The X-RAY uses data and clock re-timing circuitry, along with a stable master crystal oscillator, to achieve excellent jitter performance. This improves sound quality whilst also providing consistent performance from disc to disc. |
| Excellent low level linearity. | Gives unprecedented detail retrieval and resolution of the tiny audio 'clues' which give truly lifelike reproduction. |
| Optical and co-axial digital outputs. | Very low jitter digital outputs allow digital recording or connection of an external DAC. |
| Latest 24 bit DAC architecture. | The X-RAY uses the very latest 24 bit Burr-Brown DACs, interpolating the CD disc's original 16 bits to 24 bits, prior to conversion, for performance near the theoretical limit for 16 bit. |

SPECIFICATIONS

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| DAC architecture | 24 bit Delta-Sigma (Bitstream) 8 x oversampling |
| Frequency response | 10Hz-20kHz \pm 0.2dB |
| S/N ratio | > 96dB unweighted > 105dB 'A' weighted |
| THD | < 0.003% 10Hz-20kHz unweighted < 0.001% 10Hz-20 kHz 'A' Weighted |
| Total correlated jitter | < 150 pS |
| De-emphasis error | < \pm 0.1dB |
| Linearity | < \pm 0.2dB to -100dB |
| Wow and flutter | Unmeasurable |
| Power consumption | 15 Watts |
| Dimensions (mm) | 230 x 110 x 320 (W x H x D) Height and width include feet. Depth includes terminals. |
| Standard accessories | Remote control handset |