



The Chapter Sonnet-S

'the Red Book revelation....'

Multiple Input 130dB Dynamic Range CD / DAC

The Chapter Sonnet-S is a 'State Of The Art' audiophile two-channel CD Player, that incorporates years of Research and Development in digital to analogue converter, clock and power supply circuits. The Sonnet-S features a number of new design features along with scrupulous attention to technical detail.

Our objective is to provide a product capable of great musicality and realism whilst boasting exemplary technical specifications. By bringing together engineers and designers with a lifetimes experience in audio and power system design we believe this objective has been more than achieved.

The Chapter Sonnet-S is the essence of high fidelity, as you would expect of any Chapter product. Our goal, as always, is to produce a true reference quality CD Player. A product that can be held in the highest regard from both objective and subjective perspectives. After several years of research and development, we believe that we have succeeded in

fulfilling the requirements of even the most discerning audiophile.

True Balanced Analogue

Output Stage: The touching and elegant sound provided by the Chapter Sonnet-S is buffered by the pure Class-A fully balanced JFET output stage. A unique blend of Wima Black box capacitors and non magnetic inductors is used to filter data artefacts from the audio signal.

Custom Manufactured VCXO

Master Clock: This ultra low phase noise device is fully custom designed and built for Chapter. Utilising technology usually reserved for military and space aviation, an integrated jitter level of <0.2pS is achieved. More importantly the Chapter VCXO provides a unique phase noise characteristic for Audio purposes. Short term phase noise close to the carrier is dramatically reduced from commercially available clock parts.

World Leading DAC Dynamic

Range: The Chapter Sonnet-S DAC stage boasts world leading dynamic range and THD+N performance. With dynamic range



in excess of 125dB and THD+N performance at a a stunningly low level of <-115dB (0.00018%), the Sonnet-S gives unparalleled linearity. The Sonnet-S will enable even the most modest of source components to come alive.

Finest Part Selection: The Sonnet-S uses the best sounding JFET devices available. All electrolytic capacitors, are a considered combination of Samwha and ultra low ESR Panasonic Gold series. All power supply components amplifier designs have been auditioned for both performance, consistency and durability. At Chapter we also use the finest 'Melf' thin film surface mount precision resistors. Enjoy.....



www.chapterelectronics.co.uk



TECHNICAL SPECIFICATIONS

Electrical

Power consumption:	Max 10 Watts
Fuse rating:	3A T-Type
Controls:	Chapter rotary encoder driven menu & display system.
Formats:	Red-Book CD, CDR, CDRW
Volume Control:	0.5dB Steps
Clock:	Chapter Ultra low phase noise.
Dynamic Range	>125dB
THD+N	<-115dB (0.00018%)
DAC & Clock PSU's:	11x Chapter super regulated ultra low noise PSU.
D2A:	32-Bit Processing architecture, 48-Bit filter accumulator.
Analogue Audio:	Class A, linear phase balanced output filter
Optical Unit:	Chapter Proprietary Load & Disc Clamp System

Mechanical

Input sockets (Digital):	4x SPDIF BNC 75-Ohm Input - 24-Bit, 192kHz. 1x USB-B Streaming Endpoint - 24-Bit, 48kHz.
Output sockets (Audio):	1x Pair of XLR for Balanced Line Level Output. 1x Pair of RCA Phono for Unbalanced Line Level Output.
Finish:	Bead Blasted anodised aluminium alloy casework. Power on/off switch and indicator.
Weight:	20 Kg approx.
Size:	390 x108 x300 mm (WxHxD) approx.
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