

# MUSICAL FIDELITY

## CD Pre<sup>24</sup>

[Print This Page](#)



## OVERVIEW

The CDPre<sup>24</sup> was designed to give true audiophile sound quality with a wide range of useful digital facilities, in a compact, neat, beautifully engineered package, for a sensible price. Unless you want to spend a huge amount of money, there is nothing else like it on the market. Maybe because there's no market for this sort of product, or maybe just because we're the first.

The heart of the CDPre<sup>24</sup> is a great quality analog preamp, with digital facilities around it. In front of the analog preamp are a CD transport and a super-quality DAC. The transport and upsampling DAC and filter assembly are the same as those used in the Nu-vista 3D. The CDPre<sup>24</sup> has three analog inputs as well as the CD transport and two digital inputs.

It also has an additional analog-to-digital converter so that its digital tape loop will work from all inputs. Apart from having great sound quality, the CDPre<sup>24</sup> is invaluable for anyone who needs to process or handle their music signals in a digital domain.

The CDPre<sup>24</sup> has been very well received by audiophiles, the audio press and audio retailers and we hope that its unusual format and facilities will be just what many digitally oriented audio fans are looking for.

## FEATURES & BENEFITS

---

<b>96kHz upsampling</b>	96kHz upsampling takes all the digital rubbish out of band and gives incredibly smooth, natural sound
-------------------------	---

---

<b>Digital inputs</b>	Allows other digital sources to be integrated into a high quality system
-----------------------	--

---

<b>Preamp, DAC and CD player in one box</b>	It's neat, tidy, sophisticated
---	--------------------------------

---

<b>Analog preamp</b>	Superlative sound
<b>Digital tape loop</b>	All inputs to CDPre <sup>24</sup> can be recorded in a digital domain
<b>Very high quality power supply</b>	Allows all circuitry to perform to its best without any external interference

## SPECIFICATIONS

### CD Section

<b>DAC architecture</b>	24 bit Delta-Sigma (Bitstream) 8 times oversampling (CD or DVD-audio conversion only)
<b>Frequency response</b>	20Hz-20kHz < 0.02dB
<b>Channel balance</b>	20Hz-20kHz < 0.02dB
<b>Stereo separation</b>	20Hz-20kHz > 98dB
<b>THD at 1kHz</b>	0dB digital level 0.002% -10dB digital level 0.050% -70dB digital level 0.004%
<b>Signal / noise ratio</b>	20Hz-20kHz 110dB unweighted 20Hz-20kHz 114dB A-weighted
<b>Audio output at digital 0dB level, 1kHz</b>	2.14VRMS nominal, 47 ohms
<b>Jitter</b>	189pS

### Preamplifier Section

<b>Max. output for 2.2 Volts RMS input</b>	Direct Analog 8.4VRMS A - D / D - A* 8.2VRMS
<b>Distortion 20Hz-20kHz</b>	Direct Analog < 0.002% % A - D / D - A* < 0.004
<b>Frequency response 20Hz-20kHz</b>	Direct Analog + 0, - 0.02dB A - D / D - A* + 0, - 0.37dB
<b>Crosstalk, typical</b>	Direct Analog 85dB A - D / D - A* 90dB
<b>Channel balance 20Hz-20kHz</b>	Direct Analog < 0.01dB A - D / D - A* < 0.02dB
<b>S/N ratio, unweighted 20Hz-20kHz</b>	Direct Analog 106dB A - D / D - A* 101dB

**A - weighted 20Hz-20kHz** Direct Analog 109dB  
A - D / D - A\* 104dB

---

\* These measurements made by linking the co-axial digital output back to the digital monitor, and using DIGITAL MONITOR function. This is converting an analogue signal to digital and then back to analogue, as when linking to a computer or CD recorder.

---

### **General**

---

**Power requirements** 100 / 115 / 230V AC 50 / 60Hz  
(Voltage factory preset for country)

---

**Power consumption** 22 Watts

---

**Dimensions (mm)** 440 x 140 x 380 (W x H x D) Height and width include feet. Depth includes connectors.

---

**Weight** 13.5Kg (unboxed)

---

**Standard accessories** Remote control handset,  
IEC mains lead,  
4 batteries (type SUM-4, AAA, LR03)

---