New model information

CX1
RCD-CX1 Super Audio CD Receiver

Denon’s Passionate Craftsmanship to Pure Audio in an LP-sized Chassis, for Serious Music Lovers

The CX concept represents an amalgamation of Simple & Compact Refined Design, Denon Hi-Fi Craftsmanship and Denon Professional Manufacturing Technology. The RCD-CX1 inherits its amplifier circuit, power circuit, CD mechanism, and audio circuit from the high-end CX3 series and provides them in a compact unit for avid music lovers.

Features

Super Audio CD Receiver RCD-CX1

- Denon audio audiophile technology in a compact LP sized aluminum housing
- Plays Super Audio CDs, music CDs, and CD-R/RW; as well as MP3 and WMA audio tracks
- Powerful amplifier circuit providing superior speed and rich musical expression
- Vibration-resistant construction
- Short signal paths to minimize signal degradation
- Advanced S.V.H. (Suppress Vibration Hybrid) Mechanism
- AL24 Processing to dramatically enhance the music listening experience
- Simple and intuitive operation
- Enjoy various music media in high-quality sound
- Extensive Use of audiophile grade quality parts
**Powerful amplifier circuit providing superior speed and rich musical expression**

The amplifier circuit of the DRA-CX3 with its high power conversion efficiency of 90% has been used in the RCD-CX1 as well. Despite the built-in CD player and compact body, the RCD-CX1 is capable of a high-power output of 75W + 75W (4Ω) to ensure outstanding speaker drive performance. The RCD-CX1’s powerful amplifier circuit gives you a rich and satisfying musical sound.

**Robust power circuit with ample support for sudden sound bursts**

The RCD-CX1’s power circuit supplies sufficient, stable current even when demand peaks instantaneously. Highly efficient, stable current supply has been made possible by a Denon-developed control system. Sudden bursts of sound such as cymbal claps are reproduced with realistic clarity.

**Vibration-resistant construction**

From the power supply board, power and preamp board, the CD mechanism with triple-layer construction, to the chassis that carries these and all the other elements; the construction of the RCD-CX1 is extremely vibration-resistant to ensure that vibration does not adversely affect the sound. This construction allows the RCD-CX1 to accurately reproduce each individual sound of the original recording.

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**Main Specifications: RCD-CX1**

<table>
<thead>
<tr>
<th>Receiver section</th>
<th>Tone control</th>
<th>Frequency response</th>
<th>CD section</th>
<th>Analog output</th>
<th>Digital output</th>
<th>General</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated output</td>
<td>BASS: 100 Hz ± 8 dB</td>
<td>10 Hz - 40 kHz (±0.5 dB, –3 dB) (INPUT: CD, PURE DIRECT)</td>
<td>[Super Audio CD]</td>
<td>1-bit DSD</td>
<td>16-bit linear PCM</td>
<td>Power supply: AC 220 V, 50 Hz</td>
</tr>
<tr>
<td>High frequency distortion</td>
<td>TREBLE: 10 kHz ± 8 dB</td>
<td>Sampling frequency</td>
<td>[CD]</td>
<td>1-bit linear PCM</td>
<td>–</td>
<td>Power consumption: 50 W</td>
</tr>
<tr>
<td>Output terminals</td>
<td>Speaker: 4 - 16Ω</td>
<td>Digital output</td>
<td>Sampling frequency: 2.822 MHz 44.1 kHz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equalizer amplifier output</td>
<td>Rated output: 105mW</td>
<td>Optical output</td>
<td>–</td>
<td>–</td>
<td>15 - –21 dBm</td>
<td></td>
</tr>
<tr>
<td>Input sensitivity/input impedance</td>
<td>PHONO: (MM) 2.5mV/47kΩ</td>
<td>Emission wavelength</td>
<td>–</td>
<td>Emission wavelength</td>
<td>–</td>
<td></td>
</tr>
<tr>
<td>RIAA deviation</td>
<td>PHONO: (MC) 0.2 mV/100Ω</td>
<td>Power consumption</td>
<td>–</td>
<td>Power consumption</td>
<td>0.3 W (Standby)</td>
<td></td>
</tr>
<tr>
<td>Reception frequency range</td>
<td>PHONO: (MM) ±0.5 dB</td>
<td>Maximum external dimensions</td>
<td>300 (W) x 110 (H) x 341 (D) mm</td>
<td>Weight</td>
<td>8.0 kg</td>
<td></td>
</tr>
<tr>
<td>Reception sensitivity</td>
<td>PHONO: (MC) 0.2 mV</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>FM channel separation</td>
<td>PHONO: (MM) ±0.5</td>
<td>Maximum signal levels</td>
<td>–</td>
<td>Maximum signal levels</td>
<td>0.3 W (Standby)</td>
<td></td>
</tr>
<tr>
<td>FM 5/1 ratio</td>
<td>PHONO: (MC) ±0.5</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>FM harmonic distortion</td>
<td>Monaural: 74 dB</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>S/N ratio</td>
<td>70 dB</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>(With input terminals short-circuited, 5 mV input signal)</td>
<td>70 dB</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>(With input terminals short-circuited, 5 mV input signal)</td>
<td>0.5 mV input signal</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
<tr>
<td>(A-weighted network)</td>
<td>LINE1, LINE2: 95 dB</td>
<td>Power supply</td>
<td>AC 220 V, 50 Hz</td>
<td>Power consumption</td>
<td>50 W</td>
<td></td>
</tr>
</tbody>
</table>

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**Tone control**

- **BASS:** 100 Hz ± 8 dB
- **TREBLE:** 10 kHz ± 8 dB

**Frequency response**

- **10 Hz - 40 kHz (±0.5 dB, –3 dB)**

**CD section**

- **[Super Audio CD]**
- **[CD]**

**Analog output**

- **Signal type:** 1-bit DSD
- **Sampling frequency:** 2.822 MHz 44.1 kHz

**Digital output**

- **Optical**
- **–15 - –21 dBm**

**General**

- **Power supply:** AC 220 V, 50 Hz
- **Power consumption:** 50 W
- **Maximum external dimensions:** 300 (W) x 110 (H) x 341 (D) mm
- **Weight:** 8.0 kg

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**Terminals: RCD-CX1**

<table>
<thead>
<tr>
<th>IN</th>
<th>OUT</th>
<th>OTHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHONO 1</td>
<td>LINE 1</td>
<td>AM ANTENNA 1</td>
</tr>
<tr>
<td>PHONO 2 (PB) 1</td>
<td>LINE 2 (REC)</td>
<td>FM ANTENNA 1</td>
</tr>
<tr>
<td>PRE OUT 1</td>
<td>PRE OUT 1</td>
<td>FM ANTENNA 1</td>
</tr>
<tr>
<td>DIGITAL OPTICAL OUT 1</td>
<td>DIGITAL OPTICAL OUT 1</td>
<td>DOCK CONTROL</td>
</tr>
</tbody>
</table>

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**EAN**

- **RCD-CX1**

- **4582116360118**

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