CD-R/RW COMPATIBLE CD PLAYER

24Bit Current Injection D/A Converter

CD3800

A New Standard CD Player for the Digital Age with Multiple Digital Inputs and D/A Converter Function
The CD3800 is a multifunctional CD player which can be used as an independent D/A converter for external digital sources. The CD3800 embodies the standards of a new age, with a rapid increase in the number of PC music fans resulting in strong demand for high quality sound reproduction using PCs.

**Versatile; doubles as a D/A converter**

The CD3800 is a direct drive CD player that achieves stable rotation and low-jitter reading of signals with its digital servo system. The most distinctive feature of the CD3800 is that it doubles as a D/A converter with multiple external digital inputs. Featuring Burr-Brown PCM1798 for its DAC, the CD3800 offers high-grade specifications on par with other standalone D/A converters.

**A wide variety of input/output terminals**

The CD3800 offers four different digital input connections; ordinary coaxial(RCA), TOSLINK, AES/EBU and USB, the latter enabling input from a personal computer – an increasingly popular method of input. The digital/analog conversion circuitry features a fully balanced design with a minimal-length signal path.

Featuring a balanced (XLR) output in addition to the normal RCA output, the CD3800 offers best-of-its-class music reproduction when combined with a fully-balanced amplifier such as CEC’s AMP 3800.

**Miscellaneous features**

- Selector switch for two types of digital filter: “FLAT” and “PULSE”.
- Proprietary “Current Injection” system which converts the output current from the DAC to voltage with no feedback loop, combined with a LEF (Load Effect Free) circuit that offers clear sound reproduction without signal distortion.
- Class-A headphone amplifier enabling high quality headphone music reproduction. (32 Ω recommended)
- High quality gold-plated output terminals for both XLR and RCA.

### Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drive System</strong></td>
<td>Direct-drive system</td>
</tr>
<tr>
<td><strong>Playable Discs</strong></td>
<td>Audio CDs &amp; Finalized CD-R/RWs recorded in audio CD format</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>20Hz-20kHz, +0/-0.05dB(Digital filter “Flat”)</td>
</tr>
<tr>
<td><strong>S/N Ratio</strong></td>
<td>RCA: 122dB, XLR: 130dB (A-weighted, Digital filter “Flat”)</td>
</tr>
<tr>
<td><strong>THD</strong></td>
<td>RCA: 0.018%, XLR: 0.008% (0dB, 1kHz)</td>
</tr>
<tr>
<td><strong>DAC</strong></td>
<td>Burr-Brown PCM1798 ×1</td>
</tr>
<tr>
<td><strong>Digital Filter</strong></td>
<td>Flat/Pulse (selectable)</td>
</tr>
<tr>
<td><strong>Analog Outputs</strong></td>
<td>Balanced (XLR; HOT=2) ×1, Unbalanced (RCA) ×1</td>
</tr>
<tr>
<td><strong>Headphone (6.3mm)</strong></td>
<td>×1</td>
</tr>
<tr>
<td><strong>Digital Outputs</strong></td>
<td>TOSLINK×1, COAXIAL×1, AES/EBU (Balanced XLR; HOT=2) ×1</td>
</tr>
</tbody>
</table>

**Digital Inputs**

- AES/EBU×1 (32~96kHz), TOSLINK×1 (32~96kHz), COAXIAL×1 (32~96kHz), USB×1 (32~48kHz)

**Power Supply**

- AC120/230V, 50/60Hz (Specified on the rear panel)

**Power Consumption**

- 18 W

**Dimensions**

- Approx. 435(w) x 355(d) x 102(h) mm (including legs, knobs and terminals)

**Weight**

- Approx. 6.8kg

**Accessories**

- AC Power Cord, Remote Control Unit, Two AAA type batteries, Owner’s Manual

**Color**

- Silver/Black

*Design and specifications are subject to change without notice.

**Safety Precaution**

Be sure to operate this product properly once you have thoroughly read the owner’s manual.

---

**CEC Co.,Ltd., Saitama, Japan**

http://www.cec-web.co.jp