

CEC.

CD-R/RW COMPATIBLE CD PLAYER  
24Bit Current Injection D/A Converter

# CD3800

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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 a 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.



▲ A fully balanced design circuitry with a minimal-length signal path.



▲ A wide variety of input/output terminals : four different digital input connections (RCA, TOSLINK, AES/EBU, USB) , two different analog output connections (RCA, XLR) and three different digital output connections (AES/EBU, COAXIAL, TOSLINK). The selector switch of the digital filter (FLAT/PULSE) is also on the backpanel.



▲ Black Version

### 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.

### Specifications

Drive System	Direct-drive system
Playable Discs	Audio CDs & Finalized CD-R/RWs recorded in audio CD format
Frequency response	20Hz-20kHz, +0/-0.2dB(Digital filter "Flat")
S/N Ratio	RCA : 122dB, XLR : 130dB (A-weighted, Digital filter "Flat")
THD	RCA : 0.018%, XLR : 0.006% (0dB, 1kHz)
DAC	Burr-Brown PCM1798 x1
Digital Filter	Flat/Pulse (selectable)
Analog Outputs	Balanced (XLR; HOT=2) x1 Unbalanced (RCA) x1 Headphone (6.3mm) x1
Digital Outputs	TOSLINKx1, COAXIALx1, AES/EBU (Balanced XLR; HOT=2) x1

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 distortions.
- Class-A headphone amplifier enabling high quality headphone music reproduction. (32 Ω recommended)
- High quality gold-plated output terminals for both XLR and RCA.

Digital Inputs	AES/EBUx1(32-96kHz), TOSLINKx1(32-96kHz), COAXIAL x1(32-96kHz), USB x 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.
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