

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



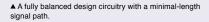
A New Standard CD Player for the Digital Age with Multiple Digital Inputs and D/A Converter Function



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 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.





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

## **Specifications**

•	
Drive System	Direct-drive system
Playable Discs	Audio CDs & Finalized CD-R/RWs recorded in audio CD format
Frequency responce	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 ×1
Digital Filter	Flat/Pulse (selectable)
Analog Outputs	Balanced (XLR; HOT=2) ×1
	Unbalanced (RCA) ×1
	Headphone (6.3mm) ×1
Digital Outputs	TOSLINK×1, COAXIAL×1, AES/EBU (Balanced XLR; HOT=2) ×1

Digital Inputs	AES/EBU×1(32~96kHz), TOSLINK×1(32~96kHz), COAXIAL ×1(32~96kHz), USB x 1(32~48kHz)
Power Supply	AC120/230V, 50/60Hz (Speified 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 enecifications	are subject to change without notice

<sup>\*</sup> 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.
-------------------	--