

**marantz®**

**CD PLAYERS**

**CD4000**



Black available

### **CD4000 CD Player**

With its multi-read drive, the CD4000 CD player delivers perfect sound reproduction whether you listen to conventional CDs, your own recordable CD-Rs or handy rewritable CD-RWs. A fully floating VAM1201 transport system with digital servo drive takes care of accurate CD tracking and very fast track access. The remote controlled Auto Music Scan (AMS) feature quickly scans the contents the disc, while several random and repeat modes provide non-stop music enjoyment. A coaxial digital output is provided for digital recording.



**RANGE**  
S E R I E S

because music matters

## Features:

- Continuous calibration filter
- VAM1201 mechanism
- Headphone output
- Random & Repeat modes

## Benefits:

- Minimized linearity distortion for highest quality performance
- Stable and low resonance mechanism, enables perfect reading of CD-R and CD-RW discs as well
- Direct headphone connection
- Non-stop music played in a changing sequence makes your CD's sound different over again

## Technological glossary:

### **Designed to play**

The CD4000 provides a full options CD-player with the high quality VAM 1201 mechanism. This CD-player will therefore last for a very long time with best stability and accuracy.

### **Continuous calibration filter**

The Marantz CD4000 CD player uses CC-DAC, a continuous calibration technology utilising the TDA 1305T filter-DAC. This filter-DAC features a unique combination of bitstream and continuous calibration techniques and features minimized pre- and after echo. The convertor functions as a bitstream convertor for low signals while large signals are generated using the dynamic continuous calibration technique. The design of the continuous calibration DAC ensures an extremely high signal-to-noise ratio, superior dynamic range and immunity to process variation which even reduces the component ageing and therefore ensuring a longer life for your product.

### **VAM1201 mechanism**

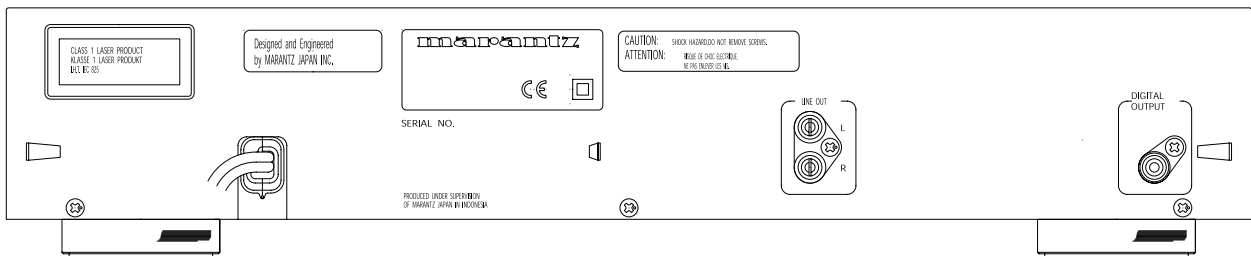
The latest generation Marantz CD-players are fully compatible with all available types of CD-audio discs. In order to be fully compatible, the CD-players use the extremely reliable VAM 1201 mechanism. It's lightweight 3-beam holographic optical pickup provides excellent thermal stability and has a very long life. The mechanism has the ability to adjust laser output according to disc type requirement making it also fully CD-R and CD-RW compatible.

## Bypacked Accessories

- User manual
- Remote control
- Batteries
- 1 Pair Audio cinch cable

RC4000CD





## CD4000

## Preliminary Specifications

### FEATURES

Disc Capacity	1	Gold plated Cinch	-
Playback Formats	CDDA, CD-R, CD-RW	D-Bus In & Out	-
CD-Text	-	Headphone out	•
Chassis: Metal / Copper	•/-	Headphone volume control	-
System Blocks Shielding: Metal / Copper	-/-		
Customized Components	-		
High grade Audio Components	-		
Power Transformer: EI/Toroidal/Super Ring	•/-/-		
Copper grounding	-		
Display on/off	-		
HDAM: Metal/Copper/Gold	-/-/-		
CCNE	-		
Selectable Filters	-		
Display dimmer	-		
Variable analogue output	-		
Discrete coding	•		
RS232C	-		

### SPECIFICATIONS

Mechanism	VAM1201 + DSD
Decoder	SAA7379
D/A Conversion	CC DAC
DAC IC	TDA1545
Low Pass Filter stage	NJM4560
Digital Filter	SAA7379
Noise Shaper	-
Output Buffer	-
Frequency range	20- 20 kHz
Dynamic Range	>95 dB
S/N	> 98 dB
Total Harmonic Distortion	0.006%
Channel separation	> 85 dB

### PLAYBACK

Program Play	30		
Auto Music Scan (AMS)	•	Color: Black / Gold / Platinum/Silver	•/•/-/-
Repeat: track/all/A-B	•/•/-	Metal Front Panel	-
Random play	•	Remote Control	RC4000CD
Peak Search	•	Power Consumption	na
Index search	-	Detachable Power Cable	-
Intro scan/Shuffle	-	Max.Dimensions	
Edit Recording	-	(W x H x D)	440 x 86 x 280 mm
Sync recording	-	Weight	2.9 Kg

### GENERAL

### IN/OUTPUTS

Analog Out (Cinch)	•
Balanced out	-
Digital Optical Out	1
Digital Coaxial Out	1

Design and specifications are subject to change by Marantz without notice