

# marantz®

CD Player  
CD5001



Also black available

### CD5001 CD player

The CD5001 CD player employs the well known high quality CS4392 digital-to-analogue converter and a reliable CD transport mechanism, delivering the highest musicality as well as convenient features. The rigid chassis and metal front panel provide a rock-solid base for high quality performance. The Auto Music Scan (AMS) quickly finds the music on the disc and the Quick Replay enables to repeat favorite passages. The pitch control allows adjusting the playback speed as well. It plays CD-R and CD-RW discs and displays CD-Text information such as artist name, and track titles. A choice of coaxial or optical digital outputs combined with the high grade analogue out guarantees the best connectivity. A high quality headphone output and supplied remote control complete the picture.

## NEW



R A N G E S E R I E S

because music matters

## Features

- Solid metal front and rigid chassis construction
- CS4392 D/A Converter
- CD-Text
- Display off
- High quality headphone
- Quick Replay
- Pitch Control

## Benefits

- Minimizes mechanical vibrations which can disturb the sensitive audio signal
- Incredibly accurate D/A conversion resulting in ultra low noise music reproduction with a wide dynamic range
- Offering additional text information like artist name, album title and track name
- Elimination of high frequency display switching noise to higher sound quality
- Dedicated headphone circuit connection with adjustable volume level control for the best personal sound quality
- Move back to the desired passage with one touch
- Able to increase/decrease playback speed

## Technological glossary:

### Designed to enjoy

The CD5001 combines a stable silent working CD transport mechanism and Cirrus-Logic's digital-to-analogue converter for high quality music reproduction. The Custom-selected components, rock-solid chassis and outstanding sound quality give you a CD player you'll enjoy for many years to come. In their drive for perfection our engineers have succeeded in further improving the sound quality. They have in addition taken the opportunity to make this Marantz CD player more environmental friendly when disposed of. The CD5001 offers Marantz playback quality at an affordable price.

### High quality D/A Conversion

The well known CS4392 is a complete, stereo, digital-to-analogue system including digital interpolation, fifth-order Delta Sigma digital-to-analogue conversion, digital de-emphasis, volume control, channel mixing, and analogue filtering. The advantages of this architecture include: ideal differential linearity, no distortion mechanisms due to resistor matching errors, no linearity drift over time and temperature, and a high tolerance to clock jitter.

### High grade components

Every Marantz product is designed with a fine ear and eye for details. The designers have to know the characteristics of every component. On paper the component might look excellent but the result may fall short of the combined design expectations. Therefore Marantz collects vast amounts of information upon specifics component performance capabilities. The result guarantees Marantz selects the appropriate components for the specific design application. The sonic result is then critically acclaimed by international reviewers.

### CD-Text

Text information is added to most of today normal audio CD's. To be able to read this information, the CD-player must be equipped with CD-text functionality. Most of the latest generation Marantz CD-players are fully ready to process this information and to display the text on the new dot-matrix display. With this feature information about the performer and the album can be read on the display of the CD-player.

### Quick Replay

With just a single push on the remote control unit, the CD5001 moves back 10 seconds and plays that passage once again.

### Pitch Control

Pitch control enables to increase/decrease playback speed by 15 steps. This feature is extremely useful to practice with a musical instrument, or to sing along with the track.

### D-Bus

To optimize equipment in terms of ease of use, Marantz has designed the D-Bus system. Individual devices inform each other, in order to automatically tune to the customers demands. At the same time received remote control commands are communicated via this bus. This enables equipment without IR-receiver, like a cassette deck or tuner, to be controlled via a Marantz Remote control.

### Environmental friendly

Every electronic equipment product is built of single electrical components that are made of different material and substances. Marantz assure that the components used in our products are free of any dangerous material or substance to keep our environment clean. We have for example removed hazardous substances like lead in the solder.

## Bypacked accessories

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

## RC5400CD



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## FEATURES

Disc Capacity	1
CD Compatibility: CD / CD-R/RW /	•/•/-/-
SA-CD / WMA / MP3	/-
SA-CD compatibility: Multi channel /	-/-
stereo	
CD-Text / SA-CD Text	•/-
High Grade Audio Components	•
Customised Components	-
Symetric circuit layout	-
System block shielding: Copper / metal /	-
none	
Power Transformer: Super-ring /	-/-•
Toroidal / EI	
Copper grounding	-
HDAM: Standard / SA / Current	-/-/-
Feedback	
HDAM cover: Gold plated / Copper	-/-/-/-
plated / Metal /no shield	
CCNE	-
Shottky diodes	-
Relay muting	-
Selectable filter: CD / SA-CD	-
Noise shaper (on/off)	-
DC filter (on/off)	-
Zero Impedance Matching joint (copper)	-
Separated rectifier circuit for analogue	-
and digital Circuitry	
Digital out circuit off	-
Phantom center mode	-
Display: Dimmer / Off	-/•
Output filter switch	-
Variable Analogue Output	-
Discrete Coding	-
Current Feedback headphone circuitry	-
Low Noise LCD display	-
Chassis : Die-cast / Copper plated /	-/-/•
Metal	
Double layer bottom plate	-
Bi-directional control via RS232C	-

## PLAYBACK

Program Play	30
Auto Music Scan (AMS)	•
Repeat: track/program/A-B	•/•/•
Random Play	•
Index Search	-
Peak Search	•
Edit Recording	•
Sync Recording	•
Pitch Control	•
Start Sound Mode for SA-CD	-
Quick Replay	•

Design and specifications are subject to change by Marantz without notice.

[www.marantz.com](http://www.marantz.com)

## INPUTS/OUTPUTS

Analogue Out (Cinch)	2ch
Balanced Out	-
Digital Optical Out	1
Digital Coaxial Out	1
Gold plated Cinch	•
D-Bus In/Out	•
RS232C	-
Headphone Out	•
Headphone Volume Control	•

## SPECIFICATIONS

Mechanism	KSS-213CCM
Decoder	TC9462F
D/A Conversion	Multi-bit, Delta-Sigma
DAC IC	CS4392
Digital Filter	CS4392
Noise Shaper	CS4392
Low Pass Filter stage	NJM2068
Output Buffer	-
<b>SA-CD AUDIO</b>	
Frequency Response (Cust.)	-
Dynamic Range	-
Signal to Noise Ratio	-
Total Harmonic Distortion	-
Channel Separation	-
<b>CDDA AUDIO</b>	
Frequency Response	20Hz- 20 KHz
Dynamic Range	100dB
Signal to Noise Ratio	110dB
Total Harmonic Distortion	0.000025
Channel Separation	100dB

## GENERAL

Available colors: Platinum/Gold/	-/-/•/•
Silver/Black	
Metal Front Panel	•
Remote Control	RC5400CD
Power Consumption	12 Watts
Detachable Power Cable	-
Maximum Dimensions (W x 440 x 89 x 317	
D x H)	mm
Weight	3.7 kg

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