

marantz®

CD Player
CD5001 OSE



Also black available

CD5001 OSE - Original Special Edition CD player

CD5001 Original Special Edition (OSE) CD player is the Marantz inhouse modified version of the CD5001. To dramatically improve the sound quality, we critically look to the circuit concept and to all components, after which it is possible to determine where customization is needed. At the end of this detailed process the power supply lines are enforced and the audio circuitry is tremendously tweaked up. Every change will be proved by a listening session.

This custom treatment gives a much more consistent response in entire frequency range. Musical reproduction is characterized by improved transparency and image, as well as tonal accuracy.

NEW



R A N G E S E R I E S

because music matters

Features

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

Benefits

- Special selection of audiophile components to give the best possible sound quality
- 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 operation
- Able to increase/decrease playback speed

Technological glossary:

Our speciality - OSE

Our OSE products are based on exciting audio devices within the Marantz range and are upgraded to very high standards. Therefore our OSE products exceed every expectation. These specially labeled products are designed with the greatest care for construction and component use. Based on the CD5001 and in line with our care for nature we have ensured that the CD5001 OSE is environmental friendly as well, when disposed of, after a lifetime of musical enjoyment. The OSE products have really become a Marantz trademark in terms of value for money.

Customized 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 specific 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. In other cases it's simply not possible to use standard components that meet the high Marantz standards. These components will then be specially made for Marantz only in co-operation with the Marantz engineers.

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.

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 OSE 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.

Marantz 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
- Batteries
- 1 Pair Audio cinch cable

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	•
Symmetric circuit layout	-
System block shielding: Copper / metal / none	-
Power Transformer: Super-ring / Toroidal / El	-/-/•
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	•

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	-
SA-CD AUDIO	-
Frequency Response (Cust.)	-
Dynamic Range	-
Signal to Noise Ratio	-
Total Harmonic Distortion	-
Channel Separation	-
CDDA AUDIO	-
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 D x H)	440 x 89 x 317 mm
Weight	3.7 kg

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

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