CEC

CD3300R

Owner's Manual

Important Safety Instructions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT OPEN THE UNIT. NO USER SERVICABLE PARTS INSIDE: REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Precautions for use
- **Check that the operating voltage of your unit is within the range of your local power. Connecting to a too high voltage causes severe damage and may even cause fire, electrical shock or explosion!**

- Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Sometimes in summer you have faults in your local power supply due to overloading. Unplug the unit from the wall outlet when there is a thunderstorm.

- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the power cord, pull it out by grasping the plug. Never pull the cord itself. Refer servicing to qualified personnel only.
- Unplug the unit from the wall outlet before connecting other units or opening the unit.
- If there is any break or cut in the AC-line cord, unplug it from the wall outlet and replace it by a new one!

Location
- Do not install the unit in a location near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock. Leave space around this unit for heat dissipation.

Condensation
- When this unit is brought into a warm room from previously cold surroundings or when the room temperature rises sharply, condensation may form inside, and the unit may not be able to attain its full performance. In cases like this, allow the unit to stand for about an hour or raise the room temperature gradually.

Fuses
- The fuses are inside of the unit and should be changed by qualified personnel only.

Caution
- Changes or modifications to this equipment not expressly approved by CEC Co., Ltd. for compliance will void the user's warranty.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE

Introduction

Thank you for purchasing **CD3300R**!

Please read the manual carefully in order to use your **CD3300R** in the best possible way. **CD3300R** is a high end sounding CD player, with several unique or special technical features, an outstanding Digital to Analog Converter and Analog Output Stage without overall negative feedback loop (NFB):

- Most modern BB PCM1796, 24-bit DAC with balanced current output
- CI - Current Injection - Circuit for I/U Conversion without negative feedback (NFB)
- LEF Amplifier CC75 proceeding the whole signal in just one stage, NFB free
- Truly balanced, full differential signal proceeding
- RCA and balanced XLR analog output
- High Quality Headphone Amplifier, optimized for 15 to 150 Ohm Headphones
- Separate power supply for servo and DAC
- Transformerless synchronized digital outputs: Toslink, coaxial, AES/EBU
- CD, CD-R, CD-RW compatible
- Centre mounted mechanism
- Removable AC power cord

Maintaining Your CD3300R

- **CD3300R** requires no periodic maintenance and has no user serviceable parts inside.

- To keep it clean use only a soft cloth and never use any solvents or abrasives.
  Dust and fingerprints may be removed with a soft cloth moistened only with a few drops of water.

- The power cord should be removed whenever the unit will be unused for an extended period.

Supplied Accessories

- The delivery includes a power cord, a remote control handset and spikes.

Repacking

- Keep the carton box and the packing material.
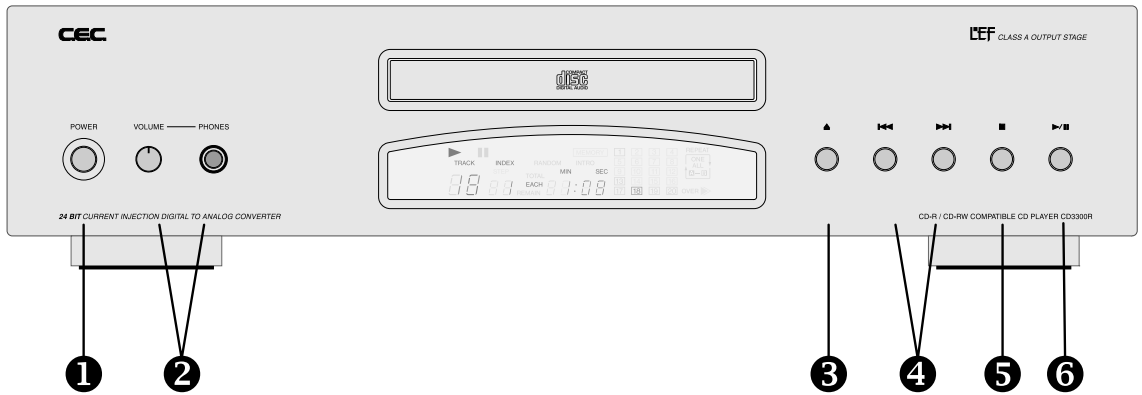
Front Panel Functions

❶ Power   - Power switch. Turns the unit on / off.

❷ Phones   - 6.3mm standard headphone terminal and headphone volume control.
The outputs on the backside of the unit are not affected by the volume control.

❸ Open / Close - Tray open and close

❹ Music Skip   - Jump to next or previous track

❺ Stop   - Finish music play

❻ Play / Pause - Starts music reproduction. During play toggles between play and pause.

Two easy ways to play a CD:
1.: Open the tray by pressing ❸, insert a CD and press ❻.
2.: Open the tray by pressing ❸, insert a CD, close the tray by pressing ❸ again, wait until the display shows the content of the CD, then press ❻.
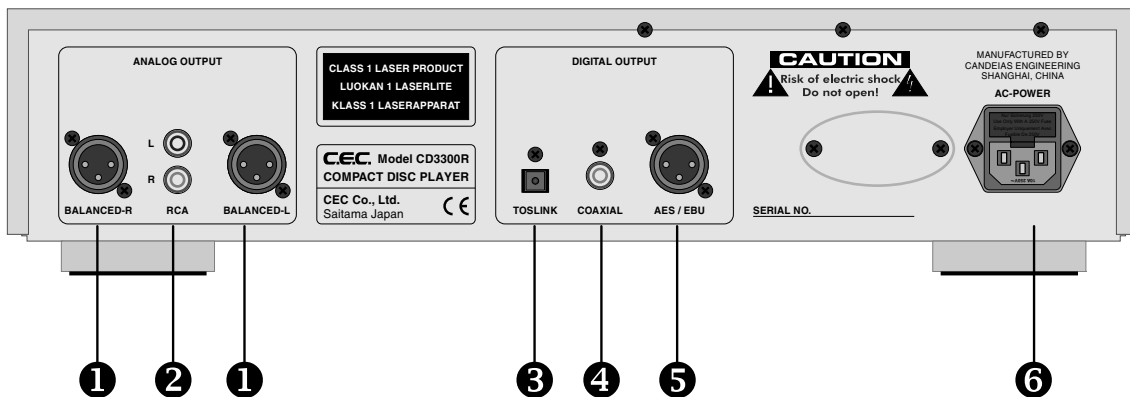
Rear Panel Functions

ANALOG OUTPUT

❶ BALANCED   - Balanced analog XLR output. Pinning: 1=Ground, 2=Hot, 3=Cold.

❷ RCA   - Unbalanced standard analog output for connecting an amplifier.
                                Balanced XLR connections are first choice!

DIGITAL OUTPUT

❸ TOSLINK   - Optical digital output for Toslink optical fibre connection

❹ COAXIAL   - Standard digital (SPDIF) output. The cable impedance should be 75 Ohm.

❺ AES/EBU   - Balanced digital output according to the AES/EBU standard. The highest
                             quality link to connect CD3300R with other compatible digital audio device.
                             The cable impedance should be 110 Ohm.
                             Pinning: 1=Ground, 2=Hot, 3=Cold.

AC-POWER

❻ AC-POWER   - AC Power connector.

Remote Control

• Avoid exposure of the remote sensor to direct sunlight or other light sources as such exposure can cause malfunction.
• When operating the remote control unit, pay attention to a free way to the **CD3300R**, otherwise control may not be possible.
• When operating the remote control unit, point the unit's infrared signal transmitter at the remote control receiver behind the window on the front panel of the **CD3300R**.
• When the batteries are exhausted, the remote commander will not operate the unit. In this case, replace the batteries with new ones. Use only batteries of same type.

If you should have any further question or problem concerning your unit, please contact your CEC dealer.

The included remote control is for the use with CEC CD transport, CD player, digital to analog converter and amplifier. This manual just describes the functions concerning the **CD3300R.**

MEMO, CHECK and **CLEAR** for programmed playback, see next page.
TIME to show 1. elapsed time of the actual track
2. remaining time of the actual track
3. remaining time of the whole CD

1...9; +10; 0 - Direct access play.
Press the numeric button corresponding the required track. The player starts from the specified track directly.
Example to play track 28: Press +10 > +10 > 8.

SHUFFLE: This function plays the tracks of a CD randomly.
SEARCH: High speed music search.

SKIP: Jump to next or previous track.
PLAY / PAUSE
STOP

INTRO: Plays the beginning of each track for 10 seconds.
1/ALL: To repeat a CD press **1/ALL** once, for a track twice.
A-B: To repeat a designated section :
1. Press **PLAY** to start playback.
2. Designate the point where the repeat play-back should start (point A) by pressing **A-B** -
The Repeat and A indicators light.
3. Press **A-B** again at the ending point (point B). The portion will be played repeatedly until pressing **A-B** again to terminate the function.
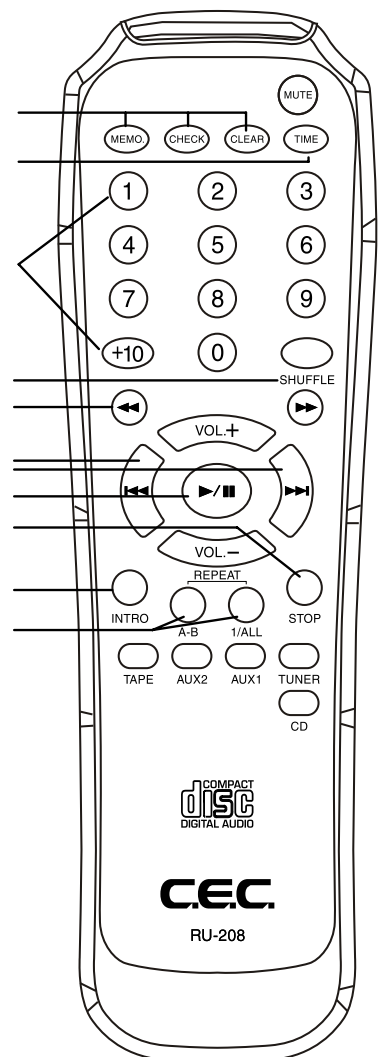
Programmed Playback

1. In stop mode, press MEMO.
The player enters the program mode. The memory indicator lights on the display. The TRACK No. and STEP No. indicators blink.

2. Press numeric buttons
They are automatically stored in the program memory order.

Example to program tracks in the order 3 - 15:
*Press **3** with the numeric button of the remote control. 3 appears in the Music Calender, TRACK 3 and STEP 2 blink in the display.   Then press **+10** and **5**.*

3. Press the play button ▶

•The same track can be programmed repeatedly.
•Playback stops when the last programmed track has finished playing.
•The programmed contents will be held in memory even after program playback has been completed or when playback is stopped be pressing **STOP**.
•To terminate the program mode, press **MEMO.** in Stop mode.

Checking the programmed contents:
The programmed contents can be easily checked using the **CHECK** button in STOP mode. Each time the button is pressed, the track number and STEP number appear in the programmed order.
Clearing the program memory
• In STOP mode press **CLEAR** for more than 2 seconds to clear the program memory.
• The program is also cleared by opening the tray.
• Once the CD player has been powered off, any program content is cleared.

Changing the program:
1. In STOP mode, press **CHECK** to indicate the desired STEP number in the display
2. Press **CLEAR**. The track number displayed will be deleted and the next track advance up.
Repeat the same steps to delete other track numbers.

Renewing a track:
1. In STOP mode, press **CHECK** to indicate the desired STEP number in the display
2. To modify the program, input the desired TRACK No. using the numeric buttons. The indicated track which was previously programmed is modified.

Adding a track:
To add new track to the program, input the track number using the numeric buttons in the STOP mode. The track is added to the end of the program.

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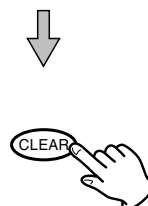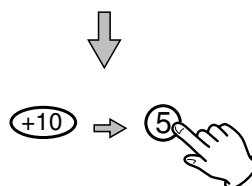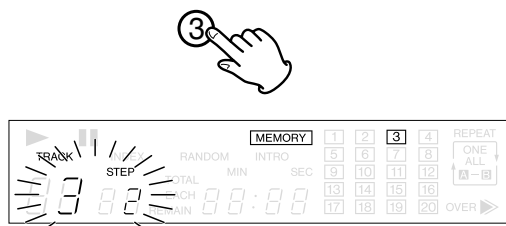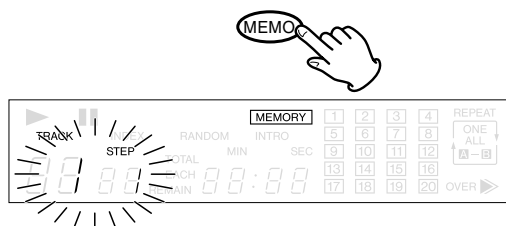
Specifications

• Laser: 3 beam semiconductor laser

• Frequency response: 20 Hz to 20 kHz: +/- 0.3 dB

• Output voltage RCA: 2 V rms
• Output voltage XLR: 4 V rms

• Total harmonic distortion: 0.008 % at XLR Output, 0.01 % at RCA Output
• Signal / Noise: 106 dB at XLR Output, 97 dB at RCA Output
• Channel separation: >95 dB

• Power consumption: 10W
• External dimensions (w / h / d):   approx.: 435 x 115 x 310 mm
• Weight: approx.: 4.6 kg

Note:
• Specifications and design subject to possible modification without notice, due to improvements.
  Errors excepted.

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