

ONKYO®

Super Audio CD / CD Player

C-S5VL

Instruction Manual



Thank you for purchasing an Onkyo C-S5VL Super Audio CD / CD Player.

Please read this manual thoroughly before making connections and plugging in the unit.

Following the instructions in this manual will enable you to obtain optimum performance and listening enjoyment from your new C-S5VL.

Please retain this manual for future reference.

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WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION:

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ELECTRIQUE
NE PAS OUVRIR



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.
When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Damage Requiring Service
Unplug the apparatus from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - A. When the power-supply cord or plug is damaged,
 - B. If liquid has been spilled, or objects have fallen into the apparatus,
 - C. If the apparatus has been exposed to rain or water,
 - D. If the apparatus does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the apparatus to its normal operation,
 - E. If the apparatus has been dropped or damaged in any way, and
 - F. When the apparatus exhibits a distinct change in performance this indicates a need for service.
16. Object and Liquid Entry
Never push objects of any kind into the apparatus through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases shall be placed on the apparatus.
Don't put candles or other burning objects on top of this unit.
17. Batteries
Always consider the environmental issues and follow local regulations when disposing of batteries.
18. If you install the apparatus in a built-in installation, such as a bookcase or rack, ensure that there is adequate ventilation.
Leave 20 cm (8") of free space at the top and sides and 10 cm (4") at the rear. The rear edge of the shelf or board above the apparatus shall be set 10 cm (4") away from the rear panel or wall, creating a flue-like gap for warm air to escape.

PORTABLE CART WARNING



S3125A

Precautions

1. **Recording Copyright**—Unless it's for personal use only, recording copyrighted material is illegal without the permission of the copyright holder.

2. **AC Fuse**—The AC fuse inside the unit is not userserviceable. If you cannot turn on the unit, contact your Onkyo dealer.

3. **Care**—Occasionally you should dust the unit all over with a soft cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the unit immediately afterwards with a clean cloth. Don't use abrasive cloths, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.

4. Power

WARNING

BEFORE PLUGGING IN THE UNIT FOR THE FIRST TIME, READ THE FOLLOWING SECTION CAREFULLY.

AC outlet voltages vary from country to country. Make sure that the voltage in your area meets the voltage requirements printed on the unit's rear panel (e.g., AC 120 V, 60 Hz or AC 100-240 V, 50/60 Hz).

The power cord plug is used to disconnect this unit from the AC power source. Make sure that the plug is readily operable (easily accessible) at all times.

Pressing the [POWER] button to select OFF mode does not fully shutdown the unit. If you do not intend to use the unit for an extended period, remove the power cord from the AC outlet.

5. Preventing Hearing Loss

Caution

Excessive sound pressure from earphones and headphones can cause hearing loss.

6. Batteries and Heat Exposure

Warning

Batteries (battery pack or batteries installed) shall not be exposed to excessive heat as sunshine, fire or the like.

7. **Never Touch this Unit with Wet Hands**—Never handle this unit or its power cord while your hands are wet or damp. If water or any other liquid gets inside this unit, have it checked by your Onkyo dealer.

8. Handling Notes

- If you need to transport this unit, use the original packaging to pack it how it was when you originally bought it.
- Do not leave rubber or plastic items on this unit for a long time, because they may leave marks on the case.
- This unit's top and rear panels may get warm after prolonged use. This is normal.
- If you do not use this unit for a long time, it may not work properly the next time you turn it on, so be sure to use it occasionally.
- When you've finished using this unit, remove all discs and turn off the power.

9. Installing this Unit

- Install this unit in a well-ventilated location.
- Ensure that there's adequate ventilation all around this unit, especially if it's installed in an audio rack. If the ventilation is inadequate, the unit may overheat, leading to malfunction.
- Do not expose this unit to direct sunlight or heat sources, because its internal temperature may rise, shortening the life of the optical pickup.
- Avoid damp and dusty places, and places subject to vibrations from loudspeakers. Never put the unit on top of, or directly above a loudspeaker.
- Install this unit horizontally. Never use it on its side or on a sloping surface, because it may cause a malfunction.
- If you install this unit near a TV, radio, or VCR, the picture and sound quality may be affected. If this occurs, move this unit away from the TV, radio, or VCR.

10. Moisture Condensation

Moisture condensation may damage this unit.

Read the following carefully:

Moisture may condense on the lens of the optical pickup, one of the most important parts inside this unit.

- Moisture condensation can occur in the following situations:
 - The unit is moved from a cold place to a warm place.
 - A heater is turned on, or cold air from an air conditioner is hitting the unit.
 - In the summer, when this unit is moved from an air conditioned room to a hot and humid place.
 - The unit is used in a humid place.
- Do not use this unit when there's the possibility of moisture condensation occurring. Doing so may damage your discs and certain parts inside this unit.

If condensation does occur, remove all discs and leave this unit turned on for two to three hours. By this time, the unit will have warmed up and any condensation will have evaporated.

Precautions—Continued

This unit contains a semiconductor laser system and is classified as a “CLASS 1 LASER PRODUCT”. So, to use this model properly, read this Instruction Manual carefully. In case of any trouble, please contact the store where you purchased the unit.

To prevent being exposed to the laser beam, do not try to open the enclosure.

CAUTION:

CLASS 1M VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. DO NOT VIEW DIRECTLY WITH OPTICAL INSTRUMENTS.

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

The label on the right is applied on the rear panel.

1. This unit is a CLASS 1 LASER PRODUCT and employs a laser inside the cabinet.
2. To prevent the laser from being exposed, do not remove the cover. Refer servicing to qualified personnel.



For U.S. models

FCC Information for User

CAUTION:

The user changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For Canadian Models

NOTE: THIS CLASS B DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

For models having a power cord with a polarized plug:

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

Modèle pour les Canadien

REMARQUE: CET APPAREIL NUMÉRIQUE DE LA CLASSE B EST CONFORME À LA NORME NMB-003 DU CANADA.

Sur les modèles dont la fiche est polarisée:

ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

For British models

Replacement and mounting of an AC plug on the power supply cord of this unit should be performed only by qualified service personnel.

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code:

Blue:Neutral

Brown:Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

IMPORTANT

The plug is fitted with an appropriate fuse. If the fuse needs to be replaced, the replacement fuse must be approved by ASTA or BSI to BS1362 and have the same ampere rating as that indicated on the plug. Check for the ASTA mark or the BSI mark on the body of the fuse. If the power cord's plug is not suitable for your socket outlets, cut it off and fit a suitable plug. Fit a suitable fuse in the plug.

For European Models

Declaration of Conformity

We, ONKYO EUROPE
ELECTRONICS GmbH
LIEGNITZERSTRASSE 6,
82194 GROEBENZELL,
GERMANY



declare in own responsibility, that the ONKYO product described in this instruction manual is in compliance with the corresponding technical standards such as EN60065, EN55013, EN55020 and EN61000-3-2, -3-3.

GROEBENZELL, GERMANY

K. MIYAGI

ONKYO EUROPE ELECTRONICS GmbH

Features

- Exclusive Onkyo VLSC Technology
- High-Grade Wolfson 192 kHz / 24-Bit D/A Converter (WM8742)
- Crystal Oscillator Thermal Regulation / Jitter Cleaner Circuitry to Stabilize Clock Frequency
- Super Audio CD / Audio CD / CD-R / CD-RW / MP3 CD / WMA CD Playback Capability
- Digital Out On/Off
- 19 mm (3/4")-pitch Audio Terminals for High-Grade Cable
- 2 Digital Outputs (Optical / Coaxial)
- 4-Mode Display Dimmer (Standard -> Dimmer -> Dim -> Off)
- Digital Filter Control (CD:5Modes / Super Audio CD:4 Modes and DSD Direct)
- Phase Control (Normal / Invert)
- Headphone Jack with Volume Control
- Repeat Modes (Super Audio CD / CD ; Disc Repeat /Track Repeat, MP3 CD / WMA CD ; Track Repeat/ Folder Repeat/ Disc Repeat)
- Random Modes (Super Audio CD / CD ; Disc Random,MP3 CD / WMA CD ; Folder Random/ Disc Random)
- Hi-Rigidity, Anti-Resonant Flat Chassis
- Heavy-Duty Inlet Power Cord
- Aluminum Front Panel
- RI-Compatible Remote Control

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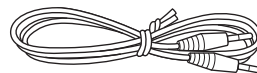
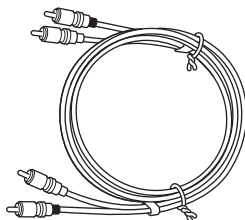
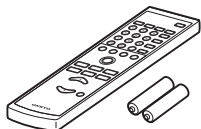
Before Using This Product

This section describes things to check and important information to know before using this product.

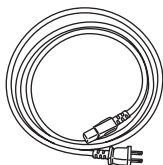
Check the Supplied Accessories

After opening the package, make sure that all the supplied accessories are included.

- Remote controller (RC-749C)[1]
- AA (R6) batteries.....[2]
(Not supplied with products for China.)
- Audio connection cable (1 m / 3.3ft)..... [1]
- **RI** cord (0.8 m / 2.6ft)[1]

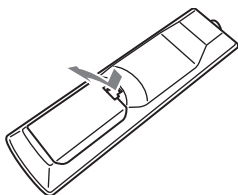


- Power cord (2 m / 6.5ft).....[1]
(The shape differs depending on region.)

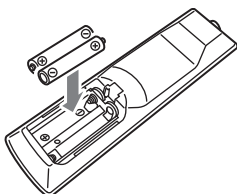


Getting the Remote Controller Ready

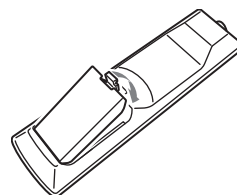
- 1** Press in the direction of the arrow and lift to remove the cover.



- 2** Insert the two supplied batteries, making sure to line up the plus ⊕ and minus ⊖ ends of the batteries with the symbols in the battery compartment.
(The battery is not supplied with products for China.)



- 3** Close the cover.



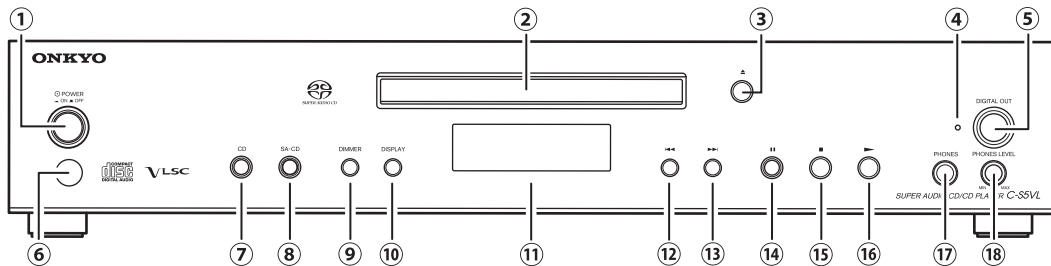
If the remote controller becomes unresponsive, replace the batteries with two new dry-cell batteries (AA).

- Be sure to insert the batteries correctly, in line with the charge symbols (⊕ and ⊖).
- Avoid mixing new batteries with old batteries, or mixing battery types.
- If you will not be using the remote controller for a prolonged period, remove the batteries in order to prevent corrosion.

Before Using This Product—Continued

Names of Each Part

Front Panel



- ① **POWER button**
This button is used to turn the unit on and off.
- ② **Disc tray**
Insert discs into this tray. (See p.17)
- ③ **▲ button**
Open and close the disc tray. (See p.17)
- ④ **DIGITAL OUT indicator**
Illuminates when digital output is on.
- ⑤ **DIGITAL OUT button**
Use this button to turn digital output on and off. (See p.17)

Notes

This button cannot be used during playback.

- ⑥ **Remote control sensor**
- ⑦ **CD button**
Select the CD area to play a Super Audio CD hybrid disc. (See p.18)

Notes

This button cannot be used during playback.

- ⑧ **SA-CD button**
Select the Super Audio CD area to play a Super Audio CD hybrid disc. (See p.18)

Notes

This button cannot be used during playback.

- ⑨ **DIMMER button**
Use this button to select one of four display-brightness levels.



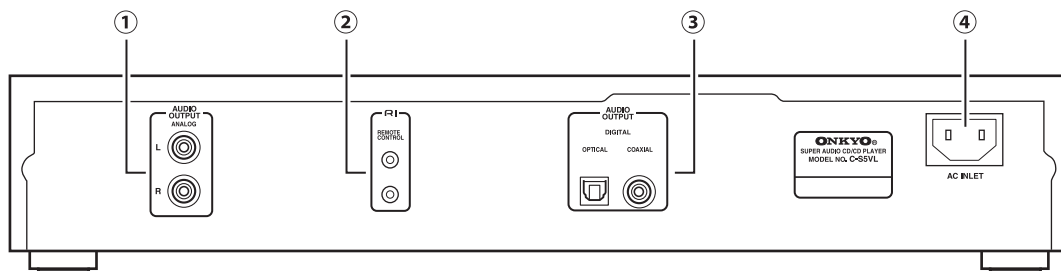
Notes

If the brightness is set to "Off," operating the unit will cause it to illuminate for five seconds.

- ⑩ **DISPLAY button**
Use this button to change the displayed information. (See p.22)
- ⑪ **Display (See p.9)**
- ⑫ **◀◀ button**
Use this button to skip to the beginning of the track being played. Press and hold down to fast reverse. (See p.20)
If a disc containing MP3 or WMA tracks is stopped, this switches folders. If a CD or Super Audio CD is stopped, this selects the previous track.
- ⑬ **▶▶ button**
Use this button to skip to the beginning of the next track. Press and hold down to fast forward. (See p.20)
If a disc containing MP3 or WMA tracks is stopped, this switches folders. If a CD or Super Audio CD is stopped, this selects the next track.
- ⑭ **|| button**
Use this button to pause disc playback. (See p.20)
When paused, this resumes playback.
- ⑮ **■ button**
Use this button to stop disc playback. (See p.20)
- ⑯ **▶ button**
Use this button to play the disc. (See p.17)
- ⑰ **PHONES jack**
Stereo headphones with a standard plug can be plugged into this jack.
- ⑱ **PHONES LEVEL control**
Use this control to adjust the volume of the headphones connected to the unit. Turn the control right to increase the volume, and left to lower it.

Before Using This Product—Continued

Rear Panel



① **AUDIO OUTPUT ANALOG**

Connect the analog audio in terminal of an amplifier or similar to this terminal, using the supplied audio cable.

② **RI jack**

Connect an Onkyo amplifier or similar with an **RI** terminal to this jack.

③ **AUDIO OUTPUT DIGITAL (OPTICAL/COAXIAL)**

Connect an amplifier or similar with a digital in terminal to this terminal. Connect components to the optical terminal using a commercial optical digital cable for audio. Connect components to the coaxial terminal using a commercial coaxial digital cable. The same digital audio is output from the optical and coaxial terminals.

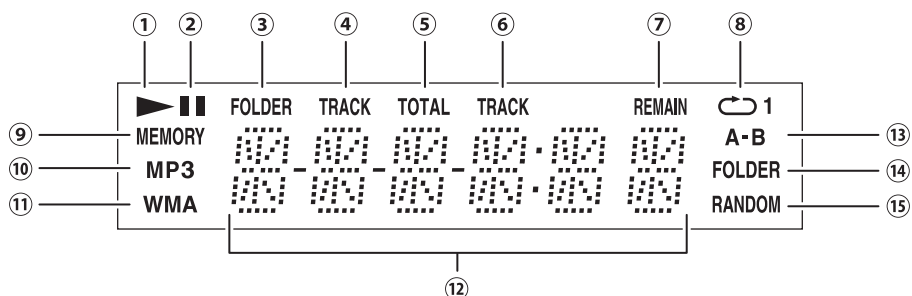
④ **AC INLET**

The supplied power cord should be connected here.

See pages 14-16 for hookup information.

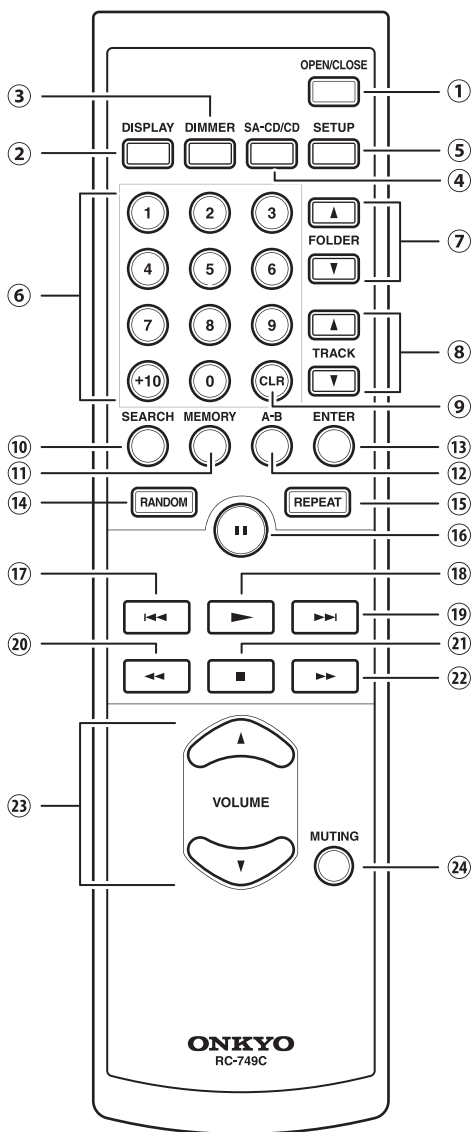
Before Using This Product—Continued

Display



- ① **▶**
Displayed during playback.
- ② **⏸**
Displayed when playback is paused.
- ③ **FOLDER**
Displayed together with the folder number when a disc containing MP3 or WMA tracks is played.
- ④ **TRACK**
Displayed together with the track number when a disc is played.
- ⑤ **TOTAL**
Displayed when the total and remaining time of the track are shown.
- ⑥ **TRACK**
Displayed together with the track number when a disc containing MP3 or WMA tracks is played.
- ⑦ **REMAIN**
Displayed when the remaining time of the track is shown.
- ⑧ **↺ / ↻ 1**
Displayed during repeat playback. "1" is shown when only the currently playing track is repeated. (See p.23)
- ⑨ **MEMORY**
Displayed during memory playback. (See p.24)
- ⑩ **MP3**
Displayed when a disc containing MP3 tracks is played.
- ⑪ **WMA**
Displayed when a disc containing WMA tracks is played.
- ⑫ **Number display**
Displays the folder number, track number, playing time, remaining time, and the like.
- ⑬ **A-B**
Displayed during A-B repeat playback. (See p.23)
- ⑭ **FOLDER**
Displayed during repeat playback and random playback of a folder. (See p.23)
- ⑮ **RANDOM**
Displayed during random playback. (See p.23)

Remote controller



- ① **OPEN/CLOSE buttons**
Open and close the disc tray. (See p.17)
- ② **DISPLAY button**
Use this button to change the information on the unit's display. (See p.22)
- ③ **DIMMER button**
Use this button to select one of the unit's four display-brightness levels.

Standard → Dimmer → Dim → Off

Notes

If the brightness is set to "Off," operating the unit will cause it to illuminate for five seconds.

- ④ **SA-CD/CD button**
Select the playback area (Super Audio CD/CD) to play on a Super Audio CD hybrid disc. (See p.18)

Notes

The mode cannot be switched during playback.

- ⑤ **SETUP button**
Use this button to begin or end unit setup. (See p.29)
- ⑥ **Number keys**
Use these keys to select tracks and the like. (See p.20 and p.24)
- ⑦ **FOLDER ▲/▼ buttons**
This is used to select folders on discs containing MP3 or WMA tracks. (See p.21)
Change the setting item during setup. (See p.29)
- ⑧ **TRACK ▲/▼ buttons**
This is used to select tracks. To play the selected track, press the Play button or the ENTER button. (See p.21)
Change the setting during setup. (See p.29)
- ⑨ **CLR button**
Use this button to clear any numbers that have been entered during numeric input.
When making a memory setting, the selected track is erased.
- ⑩ **SEARCH button**
Specify the track on a music CD or SACD.
Search for a folder on a CD containing MP3 or WMA tracks. (See p.21)
- ⑪ **MEMORY button**
Use this button to begin or end memory playback. (See p.24)

Before Using This Product—Continued

⑫ **A-B button**

Use this button to set the start and end positions for A-B repeat. (See p.23)

⑬ **ENTER button**

Finalize your selection.

⑭ **RANDOM button**

Press this button for random playback. (See p.23)

⑮ **REPEAT button**

Press this button for repeat playback. (See p.23)

⑯ **|| button**

Use this button to pause playback. When paused, this resumes playback. (See p.20)

⑰ **⏮ button**

Use this button to skip to the beginning of the track being played. (See p.20)

⑱ **▶ button**

Use this button to play the disc. (See p.17)

⑲ **▶▶ button**

Use this button to skip to the beginning of the next track. (See p.20)

⑳ **◀◀ button**

Use this button to fast reverse. (See p.20)

㉑ **■ button**

Use this button to stop disc playback. (See p.20)

㉒ **▶▶▶ button**

Use this button to fast forward. (See p.20)

㉓ **VOLUME button**

When using this unit in combination with an Onkyo pre-main amplifier (integrated amplifier), adjust the playback volume by controlling the amplifier.

Notes

- Some pre-main amplifiers are not supported.
- When operating the pre-main amplifier, point the remote controller at the amplifier's sensor.

㉔ **MUTING button**

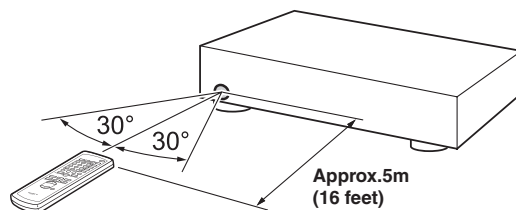
When using this unit in combination with an Onkyo pre-main amplifier, temporarily lower the volume using the amplifier. Press it again to return to the previous volume.

Notes

- Some pre-main amplifiers are not supported.
- When operating the pre-main amplifier, point the remote controller at the amplifier's sensor.

Using the Remote Controller







Point the remote controller toward the remote control sensor, within the field shown in the drawing.



- Do not expose the remote control sensor to strong light, such as direct sunlight or inverted fluorescent light.
- Using the unit near equipment that emits infrared beams or with another remote controller may cause malfunctions.
- Make sure that the audio rack does not have colored glass, as this could prevent the remote controller from functioning properly.
- The remote controller will not function if there are obstacles between it and the remote control sensor.
- Do not place objects such as books on top of the remote controller. Doing so could depress the buttons on the remote continually and drain the batteries.

Supported CD Types

Discs with the following logos on their labels can be played back.

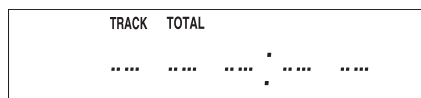
Disc Type	Logo	File Format/File Type
Audio CD		PCM
Super Audio CD		DSD
CD-R		Audio CD, MP3, WMA
		MP3, WMA
CD-RW		Audio CD, MP3, WMA
		MP3, WMA
CD Extra		Audio CD (Session1)

! Caution

- Do not try to play discs other than the ones listed above. Doing so could cause noise, or prevent the unit from functioning properly.
- CD-G playback is not supported.
- Although CD-R/CD-RW discs containing MP3 or WMA tracks can be played back, the unit may have problems playing certain discs, including failure to play the disc correctly, noisy audio, or distorted sound.
- CD-R and CD-RW discs that have not been finalized cannot be played back. See the manual of the CD-R or CD-RW recorder for details.
- Connect to a DTS-compatible device to play a DTS-CD. Use in combination with an incompatible device could result in noise.
- When playing a DTS-CD, no audio is output from the AUDIO OUTPUT ANALOG terminal.

Limitations on Playback of MP3 and WMA Files

- Use discs recorded using the ISO 9660 Level 1 or 2 file system, and the extended format (Joliet). (The supported directory depth, however, is the same as ISO 9660 Level 1 (8).)
Discs recorded using a hierarchical file system (HFS) cannot be played.
- Up to 255 folders, and up to 255 tracks per folder can be recognized and played back.
- Folders and tracks are displayed on the screen as three-digit numbers.
- Only the first session of multi-session discs can be played back.
- If an unsupported disc is played back, the unit's display appears as follows:



- Make sure that the disc is finalized.

! Caution

- Some discs recorded using a recorder or computer cannot be played back. (Possible causes: disc characteristics, scratches, soiling, dirty lens on the player, or condensation)
- It may not be possible to play a disc recorded on a computer, depending on the settings and environment of the application that was used. Make sure to record discs in a proper format (contact the application vendor for details).
- It may not be possible to play back discs with insufficient storage capacity.
- This unit does not support discs containing multiple formats (e.g. both MP3 and WMA tracks).

Limitations on Playback of MP3 Files

- Only MP3 files with the ".mp3" or ".MP3" file extension can be played back.
- Files recorded in MPEG 1 Audio Layer 3 (64-384 kbps), with a sampling frequency of 44.1/48 kHz are supported.
- Variable bit rates (VBR) of 32 to 320 kbps are supported. Duration information may not be displayed correctly during VBR playback.

Before Using This Product—Continued

Limitations on Playback of WMA Files

- WMA is an abbreviation of "Windows Media®Audio." It is an audio compression technology developed by Microsoft Corporation. This unit supports WMA files encoded using Windows Media®Player versions 7, 7.1, and 8.
- Only WMA files with the ".wma" or ".WMA" file extension can be played back.
- Encode WMA files using an application approved by Microsoft Corporation. The unit may not function normally if an unapproved application is used.
- Variable bit rates (VBR) of 48 to 192 kbps (44.1 kHz) and 128 to 192 kbps (48 kHz) are supported. Duration information may not be displayed correctly during VBR playback.
- Copyright protected WMA files cannot be played back.

Handling Discs

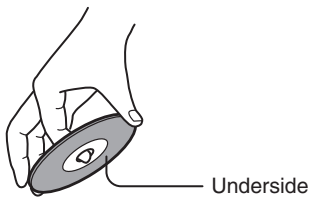
Nonstandard Discs

Do not use discs with special shapes (such as hearts or octagons). Using these discs could damage the unit or cause it to malfunction.



Handling

Hold discs by the edge, or by the center hole and the edge, in order to avoid touching the playback surface (the surface with nothing printed on it).



Do not put stickers or write on the playback or label surface of the disc. Also be careful not to scratch or otherwise damage the discs.

Precautions for Storage

Always keep discs in their dedicated cases. Store discs away from direct sunlight, hot areas (such as near a heater), and extremely cold areas.

Precautions for Rental Discs

Do not use discs with cellophane tape on them, or rental discs or the like with loose, peeling, or peeled labels. Using these discs could damage the unit, or cause the discs to become stuck in the unit.

Precautions for Inkjet Printable Discs

Do not leave discs whose label sides can be printed using an inkjet printer in the unit for long periods. Doing so could cause the disc to become stuck in the unit, or cause the unit to malfunction. Remove such discs from the unit when not playing them. Do not use a disc immediately after printing.

Caring for Discs

Soiling can reduce signal capture, reducing audio and video quality. If a disc becomes soiled, gently wipe off fingerprints and dust from the playback surface using a soft cloth, starting from the inside and working outward.



if the soiling is severe, dip a soft cloth in water, then wring it out well, clean off the dirt, and then wipe off the moisture with a soft cloth. Do not use spray for analog records, antistatic agents, or the like. Never use benzene, paint thinner, or other volatile chemicals.

Copyrights

Duplication, broadcasting, screening, wired broadcasting, performance, rental, and loaning (free or paid) of discs is prohibited by law.

Condensation

Water droplets may form inside the unit if it is brought from a cold location to a warm room, or if a cold room is heated quickly (e.g. using a space heater). This process is called "condensation." If the unit is operated in this state, it may not function properly, and may even damage the disc or other components. We recommend removing discs from the unit when it is not in use. If there is a risk of condensation, leave the unit for about an hour after turning on the power before use.

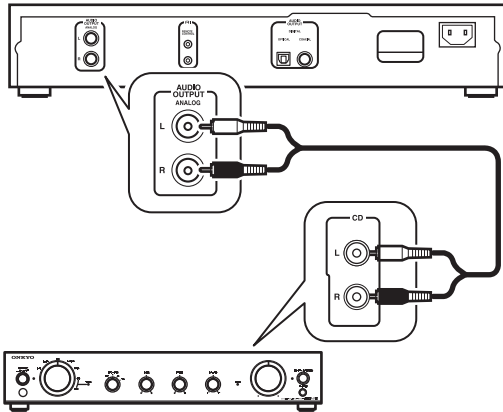
Connecting to Other Devices

Connect to amplifiers, recording devices, and other equipment. There are two ways of connecting: analog and digital. Select the connection type matching the type of audio you wish to enjoy.

Analog Connections

Connect the supplied audio cable to the unit's AUDIO OUTPUT ANALOG terminal and the audio component's analog audio in terminal.

C-S5VL

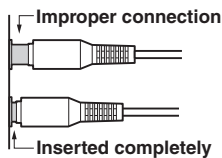


! Caution

- Take care of the plug colors and the left and right channels when connecting audio.

Left (white) Right (red)
 Left (white) Right (red)

- Insert plugs completely to ensure good connections. Loose connections can cause noise or malfunctions.



- To prevent interference, keep audio cables away from power cords and speaker cables.

Digital Connections

Use digital connections with audio components having digital audio in terminals. There are two types of digital audio out terminal: "OPTICAL" and "COAXIAL." Use the connection method that is suited to the component being connected.

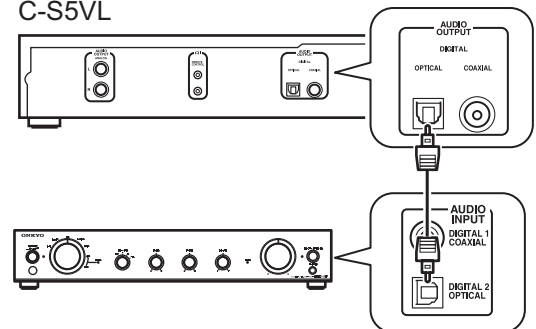
! Notes

- The audio output is the same for both OPTICAL and COAXIAL.
- To output digital audio, turn on the unit's DIGITAL OUT switch.
- If DIGITAL OUT is on (the DIGITAL OUT indicator on the unit is illuminated) while a Super Audio CD is playing, digital/analog audio will be output at PCM 44.1kHz/16 bits.

OPTICAL

Connect the unit's OPTICAL terminal and the audio component's OPTICAL jack using a commercial optical digital cable.

C-S5VL



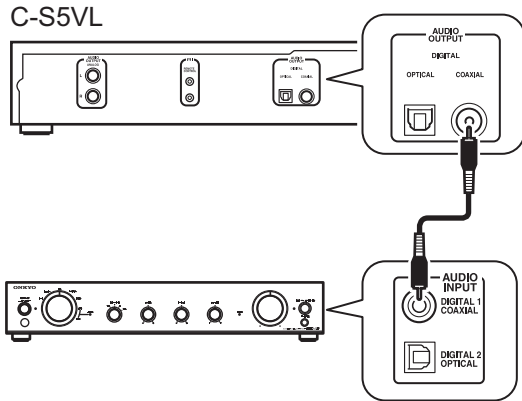
! Caution

Plug optical digital cables straight in. Plugging them in at an angle can damage the inlet of the OPTICAL terminal.

Connecting to Other Devices—Continued

COAXIAL

Connect the component using a commercial coaxial digital cable.



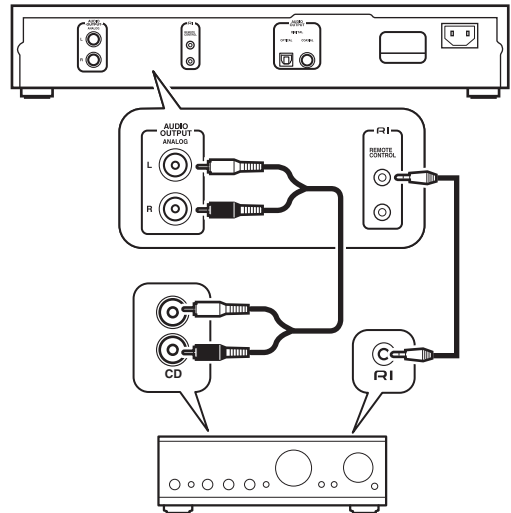
Connecting to RI Capable Components

You can control audiovisual amplifiers and receivers using the supplied remote controller by connecting Onkyo audiovisual amps and receivers with **RI** jacks. Use a **RI** cable to connect the unit's **RI** terminal with the amp or receiver's **RI** terminal. Use the supplied audio cable to connect the unit's AUDIO OUTPUT ANALOG terminal with the amp or receiver's analog audio in terminal.

! Caution

Be sure to connect the audio cables as well. The amp or receiver cannot be controlled by the remote controller when only the **RI** cable and optical digital cable are connected.

C-S5VL



📄 Notes

- See the manual of each component for information about available system features.
- Use the **RI** terminal with products equipped with an **RI** jack.
- If there are two **RI** jacks, they both operate identically. Connect to either one of them.

Connecting the Power Cord

! Caution

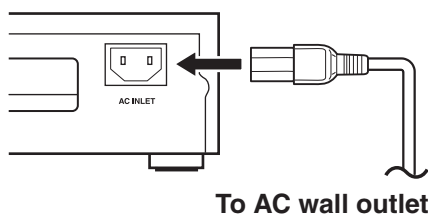
- Before connecting the power cord, connect all the other components.
- Turn off the unit before plugging or unplugging the power cord.

- 1 Connect the other components. (See p.14)
- 2 Make sure that the unit is turned off.
- 3 Connect the supplied power cord to the unit's AC INLET.

! Caution

- Always use the supplied power cord.
- Never plug the power cord into the outlet before connecting it to the unit. If the power cord is plugged in, connecting or disconnecting it to/from the unit could cause electric shock.

- 4 Plug the power cord into a household power outlet.



📄 Notes

The unit manages the power polarity. To enjoy better audio, insert the prong of the plug with a blade marking into the outlet hole with the longer slit.

If the left and right slits are the same length, then the orientation of the plug does not matter.

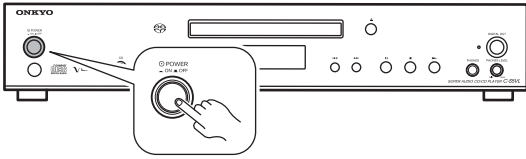
! Caution

Always unplug the power cord from the outlet before disconnecting it from the unit.

Disc Playback

CD And Super Audio CD Playback

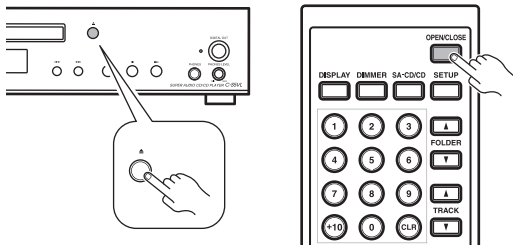
- 1 Press the **POWER** button on the front of the unit to turn it on.



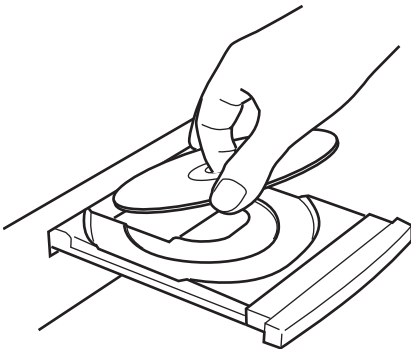
Notes

- When connecting an amplifier, you can reduce the impact on the speakers by first turning on the unit, then the amplifier.
- To turn off the unit, press the POWER button again. If an amplifier is connected, first turn off the amplifier, then the unit.
- If there is already a disc in the unit, playback will begin.

- 2 Press the **▲** to open the disc tray.

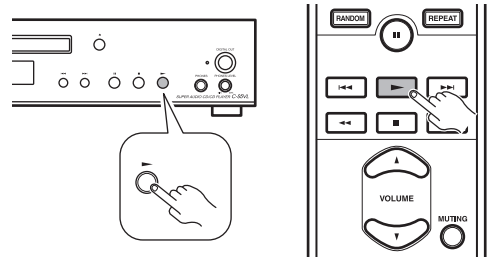


- 3 Place discs in the tray printed-side up.

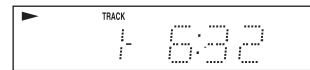


When using an 8-cm (3") CD, place it in the hollow inside the tray.

- 4 Press the **▶** button.



The tray closes, and playback begins.

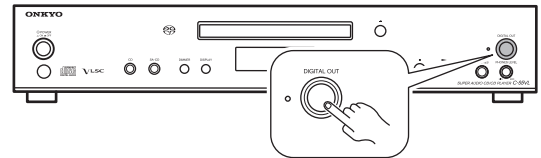


Digital Playback and Recording

Press the **DIGITAL OUT** button to turn on digital audio output.

When the button is pressed, the function is on if the indicator next to it illuminates.

Digital audio output is turned off by default.



Notes

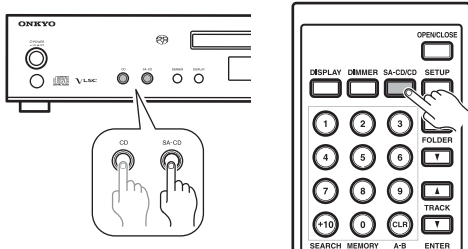
- The mode cannot be switched during playback.
- When DIGITAL OUT is on, Super Audio CDs will also be output digitally, but they will not be recorded digitally. Super Audio CD audio will be converted to 44.1 kHz PCM/16 bit before output.

Disc Playback—Continued

Super Audio CD Hybrid Disc Playback

You can select to play back the CD area or Super Audio CD area. Press the CD or SA-CD button on the player, or the SA-CD/CD button on the remote controller.

The indicator of the selected area illuminates.

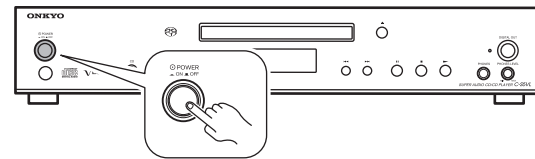


Notes

- The 2-channel area of the Super Audio CD area is played back. The multi-channel area cannot be selected. If a Super Audio CD only has multi-channel, then the left and right (L/R) channels are played back.
- The playback area cannot be switched for non-hybrid Super Audio CD discs. The indicator will flash during playback.
- The playback area cannot be switched during disc playback. The indicator will flash if an operation is made to switch the mode during playback.

MP3 and WMA Playback

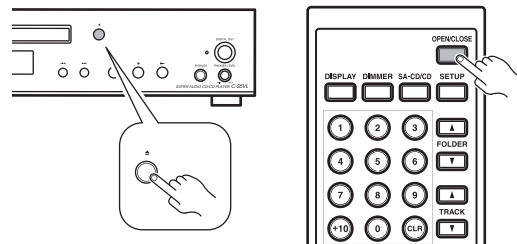
1 Press the **POWER** button on the front of the unit to turn it on.



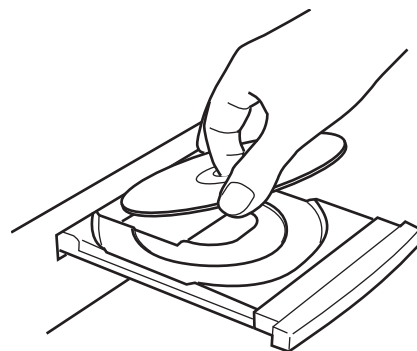
Notes

- When connecting an amplifier, you can reduce the impact on the speakers by first turning on the unit, then the amplifier.
- To turn off the unit, press the POWER button again. If an amplifier is connected, first turn off the amplifier, then the unit.
- If there is already a disc in the unit, playback will begin.

2 Press the **▲** to open the disc tray.



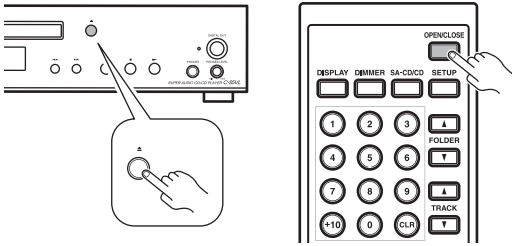
3 Place discs in the tray printed-side up.



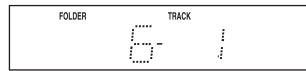
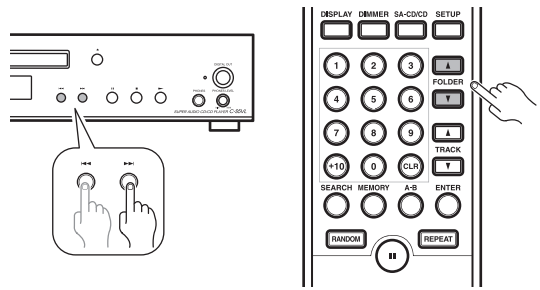
When using an 8-cm (3") CD, place it in the hollow inside the tray.

Disc Playback—Continued

4 Press the **▲** to close the disc tray.

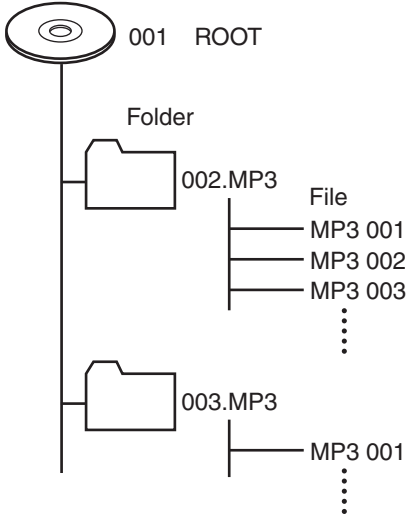


5 Press the **FOLDER ▲▼** buttons on the remote controller, or the **◀◀/▶▶** buttons on the player to select the folder in which the track to play is located.



Notes

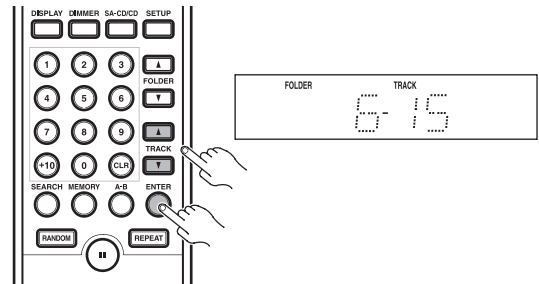
Numbers are automatically assigned to the folders and tracks.



Notes

If you press the **TRACK ▲▼** buttons, *****-RTN** will appear. When this appears, press the **ENTER** button to move up one folder in the hierarchy.

6 Press the **TRACK ▲▼** buttons on the remote controller to select the track to play, then press the **ENTER** button.

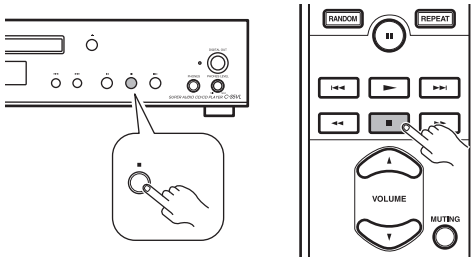


Playback begins.

Available Actions During Playback

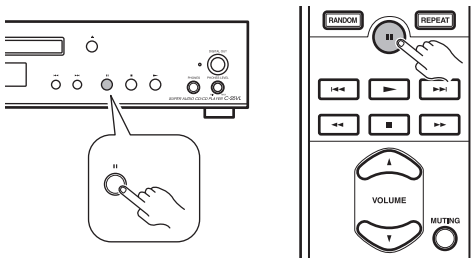
Stop Playback

Press the ■ button.



Pause Playback

Press the || button.

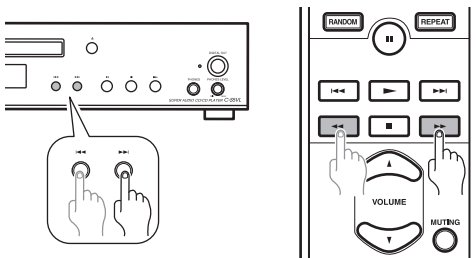


To resume playback, press the ► button or || button again.

Fast Reverse/Fast Forward

Press and hold the ◀◀ and ▶▶ button on the remote controller.

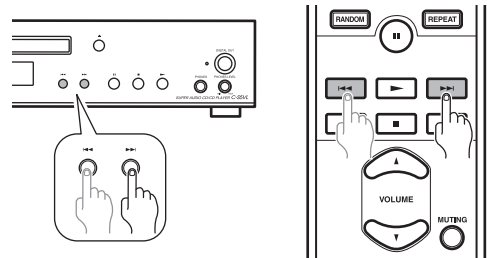
To perform this action from the front of the unit, press and hold the ◀◀ or ▶▶ button.



Select Tracks

Press the ◀◀ button to return to the start of the track being played. Press it again to return to the previous track.

Press the ▶▶ button to advance to the next track.



Specify a Track (CD or Super Audio CD)

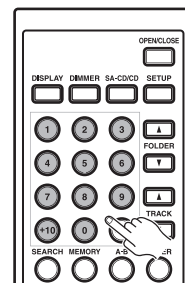
You can specify the track to play by number using the number keys on the remote controller.

To specify the 10th and subsequent tracks, specify the second digit (the "tens" place) using the +10 button.

Each time the button is pressed, the digit will increase by one.

Example 1: To enter "10", press "+10" and "0".

Example 2: To enter "23", press "+10", "+10" and "3".

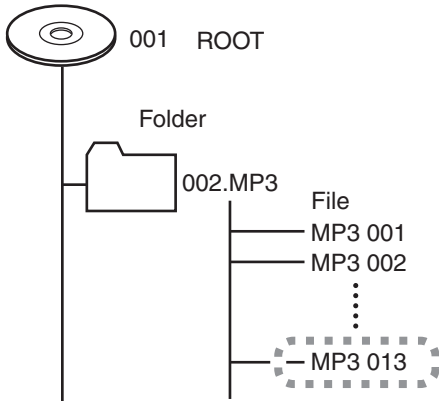


Available Actions During Playback—Continued

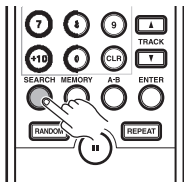
Play a Specific Location on a Track

When playing a CD or Super Audio CD, you can specify the track number and the start time from which to play back the track. When using a disc containing MP3 or WMA tracks, you can specify the folder number and track number.

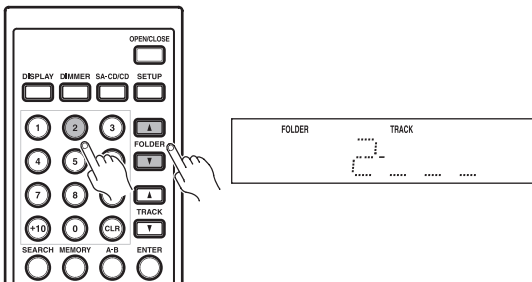
This is explained below, using the example of the procedure for specifying the track in the next location.



1 Press the remote controller's **SEARCH** button.



2 When playing back MP3 or WMA files, use the number keys to specify the folder in which the desired track is located, and then press the **FOLDER** ▲/▼ buttons.



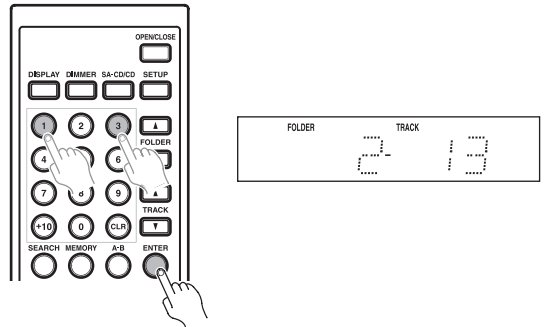
Notes

- If there are no playable files in the specified folder, then "***-RTN" will appear in the player's display. (The asterisks (***) are the number of the next folder up in the hierarchy.) If this appears, return to step 1, or press the **FOLDER** ▲/▼ buttons on the remote controller to specify a folder.

- If you press the **TRACK** ▲/▼ buttons, "***-RTN" will appear. When this appears, press the **ENTER** button to move up one folder in the hierarchy.

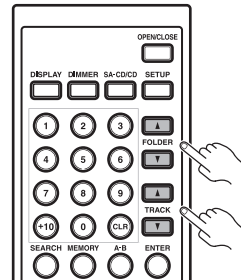
3 Use the number keys to specify a track number, then press the **ENTER** button.

The selected track is played.





Select Folders and Tracks

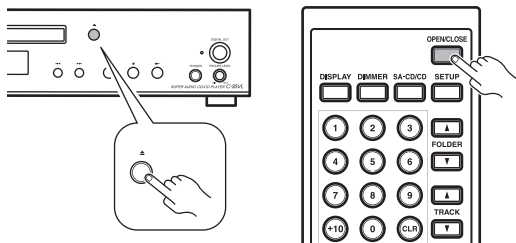
When using a CD or Super Audio CD disc, you can select which track to play back. When using a CD containing MP3 or WMA tracks, you can select the track and folder to play back. To select the folder, press the remote controller's **FOLDER** ▲ and ▼ buttons. To select the track, press the **TRACK** ▲ and ▼ buttons.



Available Actions During Playback—Continued

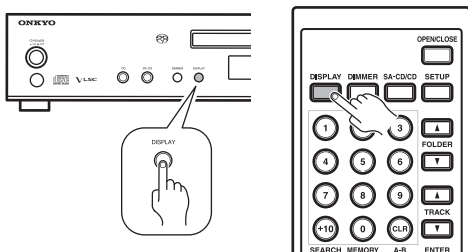
Eject the Disc

Press the  button to open the disc tray. After removing the disc, press the  button again to close the tray.



Change the Displayed Information

You can change the information on the unit's display. Press the DISPLAY button.



During CD And Super Audio CD Playback

Each time you press the DISPLAY button, the display changes as follows.

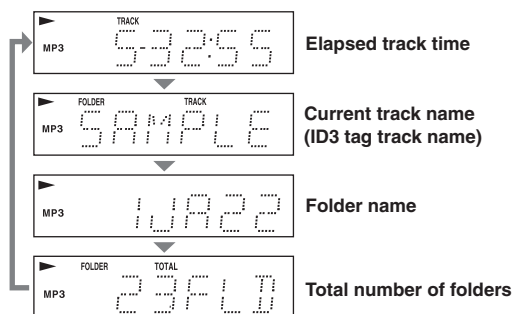


Notes

The TEXT information of Super Audio CDs is not displayed.

During MP3/WMA Playback

Each time you press the DISPLAY button, the display changes as follows.



(The screen image shows an example of MP3 playback.)

Notes

- The unit can only display the folder and track names (ID3 tag track name).
- If a folder or track name (ID3 tag track name) is 7 characters or longer, the 7th character and beyond are not displayed.
- The unit can only display English letters and numbers. Some characters may not be displayed.

Playback Methods

In addition to listening to tracks in the order they were recorded on the disc, there are four other playback methods: Repeat, A-B Repeat, Random, and Memory.

You can also mix multiple playback methods (for example, repeat + random or repeat + memory).

Repeat (Loop)

Repeatedly play the currently playing track, all tracks in the folder in which the current track is located, or all tracks on the disc.

Press the REPEAT button on the remote controller repeatedly to toggle through the repeat (loop) types. You can check the selected repeat method on the unit's display.

Playback Status	Display Status
Ordinary playback	
Loop single track	
Loop all tracks in folder	
Loop entire disc	

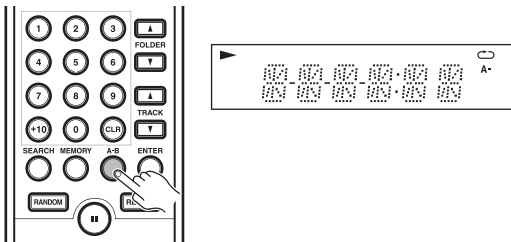
A-B Repeat (Loop between Two Points)

Use this mode to repeatedly play a range of tracks, by specifying a starting point (point A) and stopping point (point B).

1 The disc plays. (See p.17)

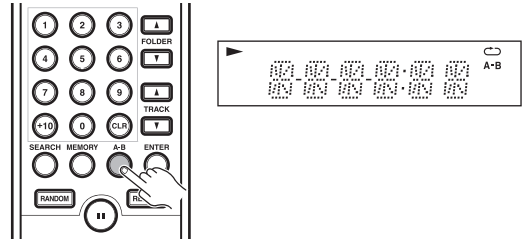
2 Press the remote controller's A-B button at the location where you wish to start loop playback.

A-B appears on the unit's display.



3 Press the remote controller's A-B button at the location where you wish to end loop playback.

A-B appears on the unit's display.



4 Press the button or A-B button to cancel loop playback.

Random (Shuffle)

Press the RANDOM button on the remote control to play back tracks in shuffle mode.

If a disc containing MP3 or WMA files is being played, and folders are being used, then you can select whether to perform random playback on the entire disc or on a folder.

Press the RANDOM button again to return to normal playback.

Playback Status	Display Status
Ordinary playback	
Random playback of entire disc	
Random playback of tracks in a folder (only for discs containing MP3 or WMA tracks)	

Memory Playback

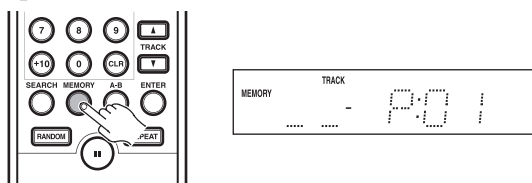
You can use this mode to play any tracks you choose, in any order.

Notes

You can store up to 32 tracks.

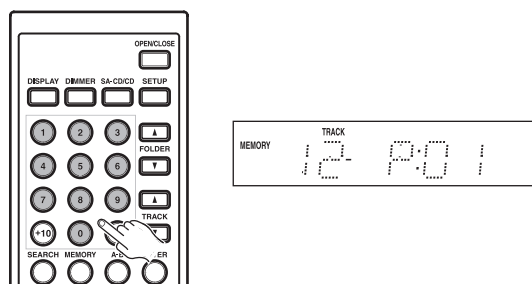
Configure CD/Super Audio CD Playback

- 1 While playback is stopped, press the **MEMORY** button on the remote controller.



- 2 Use the number keys to enter the number of a track you wish to play.

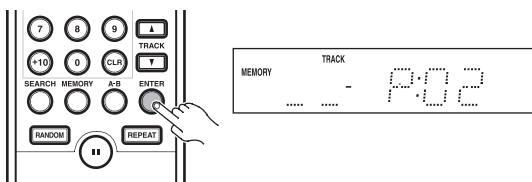
Example: To enter "12", press "1" and "2".



Notes

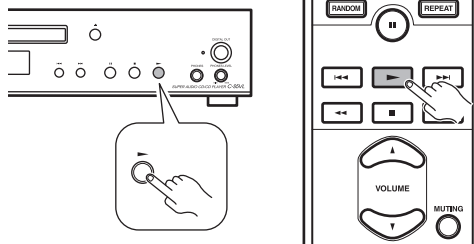
Press the CLR button to clear your number input.

- 3 Press the **ENTER** button. The track you entered is stored, and the screen for storing the next track appears.

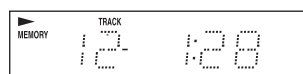


- 4 Repeat steps 2 to 3 until you have selected the tracks you wish to play.

- 5 Press the **▶** button.



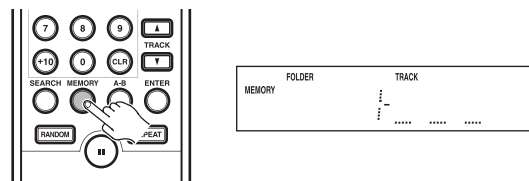
Playback begins.



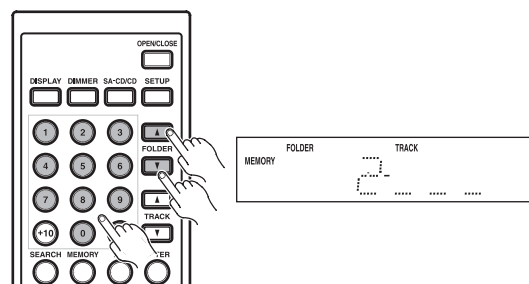
Configure MP3/WMA Playback

- 1 While playback is stopped, press the **MEMORY** button on the remote controller.

The number of the currently selected folder is displayed, and the TRACK input prompt appears.



- 2 To change the folder, click **FOLDER▲**. Use the number keys to enter the number of the folder containing the desired track, then press the **FOLDER▼** button.



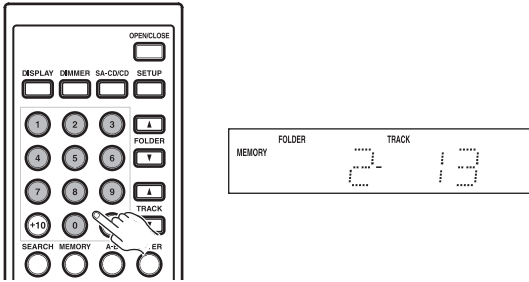
Display when folder number "2" is entered.

Notes

Press the CLR button to clear your number input.

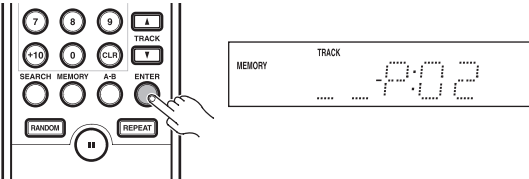
3 When TRACK flashes, enter the number of the desired track using the number keys.

Example: To enter track 13, press "1" and "3".



4 Press the ENTER button.

The track you entered is stored, and the screen for storing the next track appears.

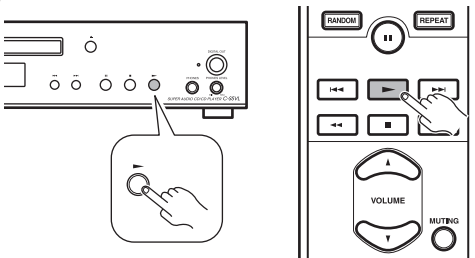


Notes

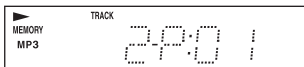
To switch folders, press the FOLDER ▲ button, then repeat steps 2 to 3.

5 Repeat steps 2 to 4 until you have selected the tracks you wish to play.

6 Press the ► button.



Playback begins.



Check Your Stored Tracks

Press the TRACK ▲/▼ buttons to check the folder and track numbers that have been stored in memory.

When they appear, press the CLR button to erase the flashing item.

Stop Memory Playback

Press the ■ button to stop memory playback. At this time, the stored tracks remain in memory.

When playback is stopped, press the ■ button again, then press the ► button to cancel memory playback, and return to the normal playback method.

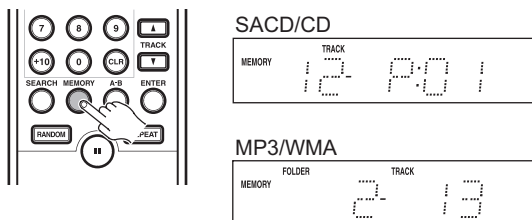
While playback is stopped, press the CLR button to erase all reserved items.

Notes

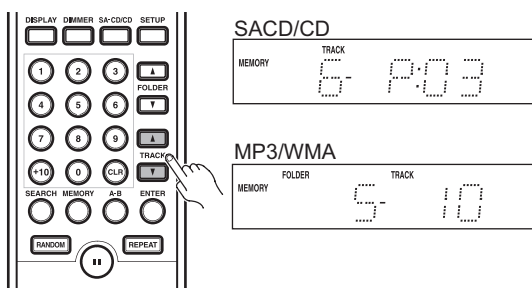
When the ▲ button is pressed to open or close the tray, the stored tracks are cleared from memory.

Add a New Track to Memory

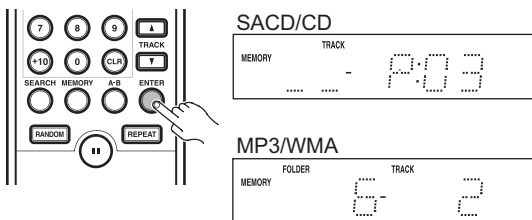
- 1 Press the MEMORY button on the remote controller.



- 2 Press the TRACK ▲/▼ buttons to select the location to add.



- 3 Press the ENTER button.



- 4 Use the number keys to enter the number of the folder and track you wish to play.

Notes

- See the page below corresponding to your disc type for more information about how to perform this operation.
Super Audio CD or CD: see p.24
MP3 or WMA: see p.24
- To switch between FOLDER and TRACK input, press the FOLDER ▲/▼ buttons.

- 5 Press the ENTER button.
The selected track is added to the memory.

Erase a Track from Memory

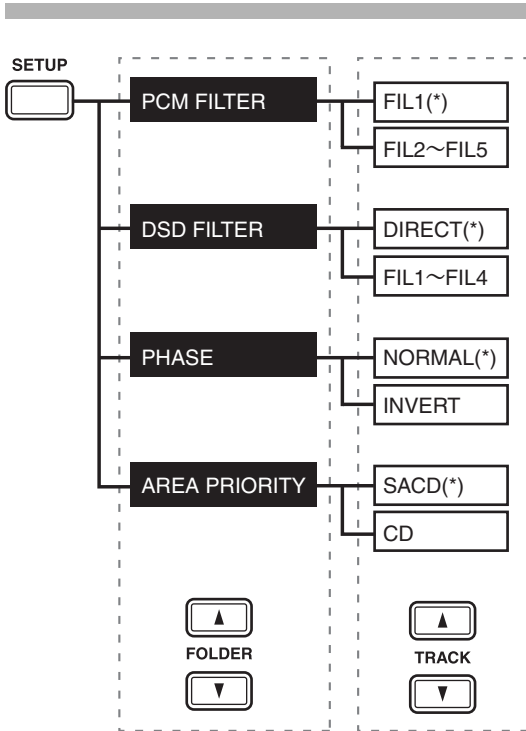
- 1 Press the MEMORY button on the remote controller.
- 2 Press the TRACK ▲/▼ buttons to select the track you wish to erase.
- 3 Press the CLR button.
The selected track is erased.

Notes

The currently playing track cannot be erased.

Setup

Setup Menu List



* Default setting

Available Settings

PCM FILTER

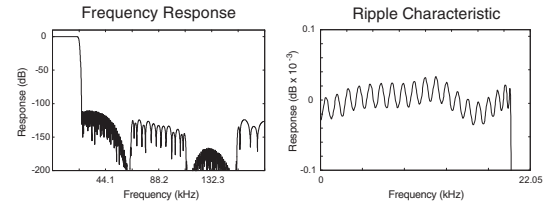
When using analog output, you can apply a digital filter to the PCM data before it is passed through the D/A converter.

The digital filter can switch the properties in the audible or inaudible frequency ranges. Select the setting that you prefer (FIL 1 to FIL 5).

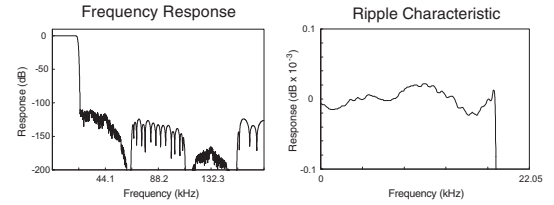
The default setting is FIL 1.

For a Super Audio CD, this setting is enabled when the unit's DIGITAL OUT is switched on. For a CD, this setting is always enabled, regardless of the unit's DIGITAL OUT setting.

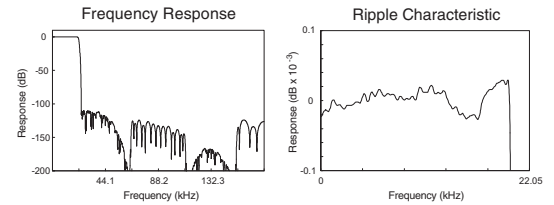
FIL 1



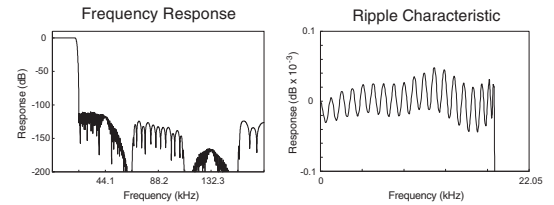
FIL 2



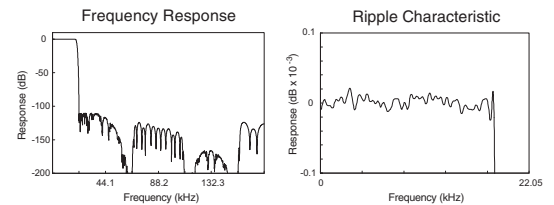
FIL 3



FIL 4



FIL 5



DSD FILTER

When using analog output while playing a Super Audio CD, you can apply a digital filter to the DSD data before it is passed through the D/A converter.

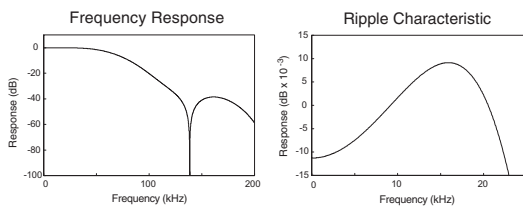
The digital filter can switch the properties in the audible or inaudible frequency ranges.

Select the setting that you prefer.

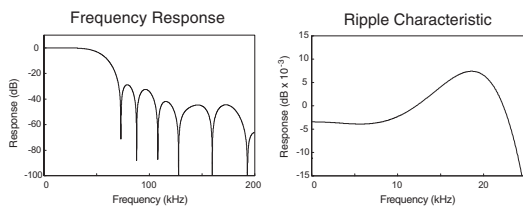
The default setting is DIRECT.

When a Super Audio CD is playing, this setting is enabled when the unit's DIGITAL OUT is switched off.

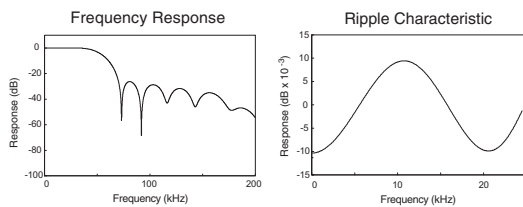
■ FIL 1



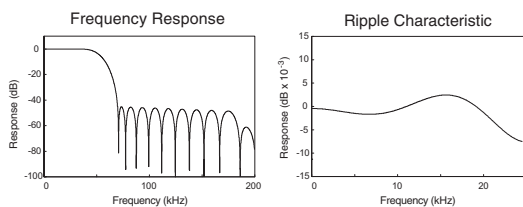
■ FIL 2



■ FIL 3



■ FIL 4



PHASE

Set whether to invert the phase of the analog output.

■ NORMAL (Default setting)

This outputs the waveform recorded on the CD with the phase unchanged.

■ INVERT

This outputs the waveform recorded on the CD with the phase inverted 180°.

AREA PRIORITY

Select the area to get priority for playback when a Super Audio CD hybrid disc is played. The default setting is SACD.

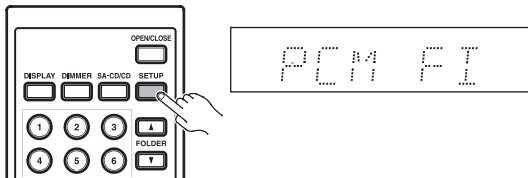
Making Settings

! Caution

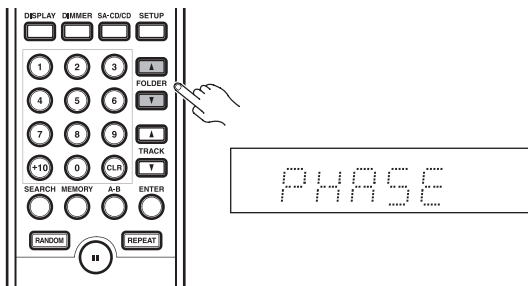
If this setting is changed during playback, it may not be possible to store the changed settings in memory. If you have changed the settings during playback, stop playback and other actions, and then turn off the power.

1 Press the **SETUP** button on the remote controller.

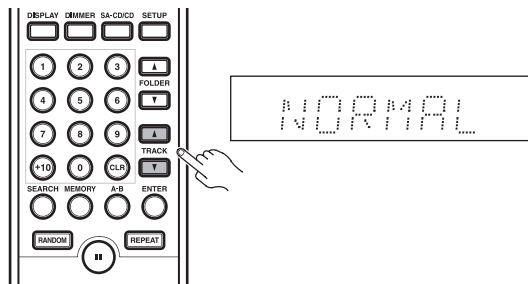
The last item to be configured the last time you performed setup appears.



2 Press the **FOLDER** $\blacktriangle/\blacktriangledown$ buttons, and select the item you wish to configure.



3 Press the **TRACK** $\blacktriangle/\blacktriangledown$ buttons, and select the setting value.



4 When you are finished making settings, press the **ENTER** button.

"FINISH" appears in the display.

Your settings are enabled, and you are returned to normal mode.

Notes

- The settings will not be enabled unless you press the ENTER button.
- Press the SETUP button to cancel your settings.

Troubleshooting

If you run into problems with the unit, look for a solution below. The problem could also be caused by one of the components connected to the unit, so please also check the manuals of each device.

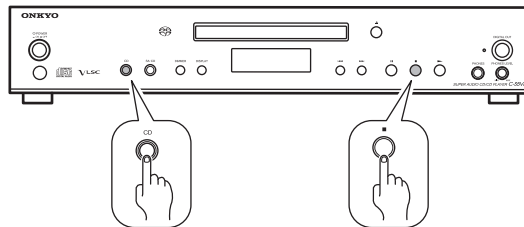
! Caution

- This unit contains a sophisticated microcomputer for signal processing and control functions. In very rare situations, however, severe interference, noise from an external source, or static electricity may cause it to lock up. If this happens, turn off the unit, wait for about five seconds, and then turn it on again.
- Onkyo is not responsible for damages (such as CD rental fees) due to unsuccessful recordings caused by the unit's malfunction. Before you record important data, make sure that the material will be recorded correctly.

Returning Settings to the Defaults

Perform the steps below to return all settings to their default values.

- 1 Remove the disc from the player.**
"NoDISC" appears in the player's display.
- 2 While pressing ■ on the unit, press the CD button.**
"INIT" appears in the display, followed by "FINISH".



This completes the initialization of the settings.

Power

Problem	Solution	See Page
No power	Make sure that the power cord is properly plugged into the wall outlet. Also make sure that the power cord is properly connected to the unit's AC inlet.	16

Disc Playback

Problem	Solution	See Page
Can not play disc	Make sure that the disc is placed in the disc tray properly, and that the disc is placed in the tray printed-side up.	17
	Make sure that the disc is not dirty.	13
	Make sure that this CD player can play the disc.	12
	If there is a risk of condensation, leave the unit for about an hour after turning on the power before use.	13
Can not play tracks in the disc's playback order	Turn off any special playback modes (e.g. repeat, memory, or random).	23
It takes too long to select tracks (to find the specified track)	Make sure that the disc isn't dirty. Clean the disc surface. If the disc is scratched, replace it.	13
Can not store tracks in memory	Make sure that the disc is placed in the disc tray properly, and that the track number you are specifying exists on the disc.	24

Troubleshooting—Continued

Playing Music CDs with Copy Control Functions

Problem	Solution	See Page
There is noise during playback, or the audio skips	You are playing back a music CD with a copy control function. Some music CDs with copy control functions do not meet CD standards. Since these are special discs, this unit may not be able to play them.	-
The disc is not recognized, and "NoDISC" appears in the display		-
The first track is not played		-
It takes longer than usual to go to the start of a track		-
Tracks start playing in the middle		-
Some locations can not be played back		-
Playback stops partway through		-
The display is wrong		-

Audio

Problem	Solution	See Page
No audio is output for the disc being played (both analog and digital connections)	Make sure that the cables are plugged in all the way.	14
	Make sure that the connected component's input terminal and the input settings are correct.	-
	Make sure that the amp's volume isn't set to the lowest level, and that the volume isn't muted.	-
	If headphones are plugged into the player, adjust the headphone volume using the PHONES LEVEL control on the unit.	-
No audio is output for the disc being played (digital connection)	Make sure the Digital Out button isn't set to "off." When making a digital connection, set the Digital Out button to "on."	17
I hear noise in the audio	The unit may be picking up interference from another digital component. Turn off the power of peripheral devices, and check for the source of the noise. After doing so, move components causing noise away from the unit.	-
The audio playback quality of Super Audio CDs is poor.	The sound quality may suffer if you play back a Super Audio CD with DIGITAL OUT on. You should normally keep it off.	17

Remote Controller

Problem	Solution	See Page
The buttons on the CD player work, but the buttons on the remote controller do not	Install two new batteries.	6
	Make sure that the remote controller is not too far away from the unit, and that there is no obstruction between the unit and the remote controller.	11
	Make sure that the unit's remote control sensor is not exposed to bright light (inverted fluorescent light or direct sunlight).	11
	Make sure that the audio rack does not have colored or tinted glass. This could prevent the remote controller from functioning properly.	11
The AV receiver volume and muting controls do not work	Change the ID of the AV receiver to 2.	-

Troubleshooting—Continued

RI Devices

Problem	Solution	See Page
The RI system features do not work.	Make sure that both the RI cable and audio cable are connected correctly to the component. The system will not function if only the RI cable and digital cable are connected. Check the amplifier and AV receiver input. Also check the manual of each device, because there may be settings that prevent connected devices from operating.	15

Specifications

Audio Output

Frequency Response	: CD	4 Hz to 20 kHz
	Super Audio CD	4 Hz to 50 kHz
Signal to Noise Ratio	: CD	114 dB
	Super Audio CD	110 dB
Audio Dynamic Range	: At least 100 dB	
THD (Total Harmonic Distortion)	: 0.0025 %	
Output/Impedance	: Digital/Optical	-22.5 dBm
	Digital/Coaxial	0.5 V (p-p) / 75 Ohms
	Analog	2.0 V (rms) / 500 Ohms
General		
Power Supply	: North America	AC 120 V, 60 Hz
	Others	100 V - 240 V, 50/60 Hz
Power Consumption	: 15 W	
Dimensions (WxHxD)	: 435 x 80 x 318 mm	
		17-1/8"×3-1/8"×12-1/2"
Weight	: 4.5 kg (9.9 lbs)	
Operating Condition Temperature/Humidity	: 5 °C - 35 °C (41 °F - 95 °F) / 5 % - 85 %	
Playable Discs	: Super Audio CDs, audio CDs, CD-R/RW(*), MP3, WMA	

*It may not be possible to play back discs that have not been finalized. It also may not be possible to play back the disc depending on its type or the recorder used.

Specifications and features are subject to change without notice.

Memo

Memo

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