SONY®

Compact Disc Player

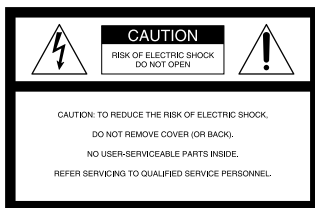Operating Instructions

**COMPACT
disc
DIGITAL AUDIO**

CDP-CA9ES
CDP-CA8ES

Welcome!

Thank you for purchasing the Sony Compact Disc Player. Before operating the unit, please read this manual thoroughly and retain it for future reference.

About This Manual

The instructions in this manual are for models CDP-CA9ES and CDP-CA8ES. The CDP-CA9ES is the model used for illustration purposes, unless otherwise mentioned. Any difference in operation is clearly indicated in the text, for example, "CDP-CA9ES only."

Conventions
• Instructions in this manual describe the controls on the player.
  You can also use the controls on the remote if they have the same or similar names as those on the player.
• The following icons are used in this manual:

  Indicates that you can do the task using the remote.

  Indicates hints and tips for making the task easier.

TABLE OF CONTENTS

Playing a CD

Before you start…

Turn on the amplifier and select the CD player position.

1 **Press POWER to turn on the player.**

2 **Press ⏏OPEN/ CLOSE, and place a disc on the disc tray.**

With the label side up   Disc number

3 **To place other discs, press DISC SKIP and place the discs in the order you want to play.**

Each time you press the button, the disc tray turns and you can place the discs in the empty disc compartments. The player plays the disc in front of you first.

Connect the headphones.   Adjust the headphone volume.

4 **Press CONTINUE.**

Each time you press the button, "ALL DISCS" and "1 DISC" appear alternately in the display.

When you select	The player plays
ALL DISCS	All discs in the player consecutively in the order of disc number
1 DISC	Only the disc you've selected

💡 **You can select a disc directly and start playing it in Step 5**
Press one of the DISC 1 – 5 buttons, and the player plays the disc you've selected.

5 **Press ▶.**

The disc tray closes and the player plays all the tracks once. Adjust the volume on the amplifier.

To stop playback
Press ■.

When you want to	Press
Pause	⏸
Resume play after pause	⏸ or ▶
Go to the next track	▷▷▌
Go back to the preceding track	▌◁◁
Go to the next disc	DISC SKIP
Select a disc directly	DISC 1 – 5
Stop play and remove the CD	⏏OPEN/CLOSE

Unpacking

Check that you received the following items:
• Audio connecting cord (1)
• Remote commander (remote) (1)
    RM-D645 for CDP-CA9ES
    RM-D515 for CDP-CA8ES
• Sony SUM-3 (NS) batteries (2)

Inserting batteries into the remote

You can control the player using the supplied remote. Insert two size AA (R6) batteries by matching the + and – on the batteries. When using the remote, point it at the remote sensor 🅁 on the player.
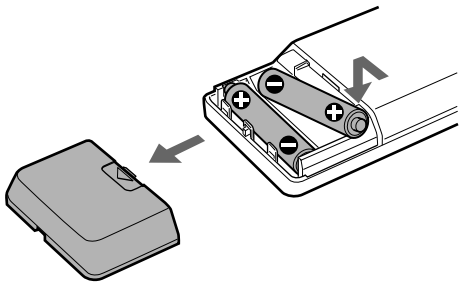
ϙ́ **When to replace batteries**
    With normal use, the batteries should last for about six months. When the remote no longer operates the player, replace all the batteries with new ones.

Notes
• Do not leave the remote near an extremely hot or humid place.
• Do not drop any foreign object into the remote casing, particularly when replacing the batteries.
• Do not expose the remote sensor to direct sunlight or lighting apparatuses. Doing so may cause a malfunction.
• If you don't use the remote for an extended period of time, remove the batteries to avoid possible damage from battery leakage and corrosion.

Hooking Up the System

Overview

This section describes how to hook up the CD player to an amplifier. Be sure to turn off the power of each component before making the connections.

CD player

Line output (R)　　**Line output (L)**

To an AC outlet

Audio input (L)　　**Audio input (R)**

Amplifier

◿ **: Signal flow**　　　**To an AC outlet**
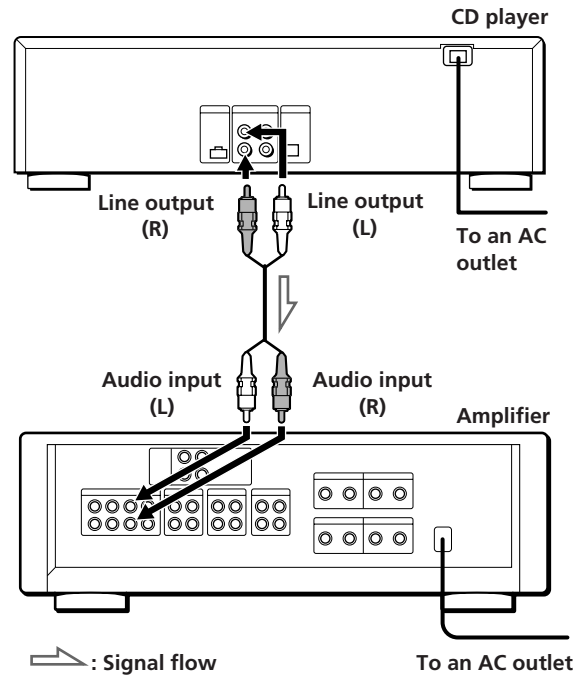
What cords will I need?
Audio cord (supplied) (1)

White (L)　　**White (L)**
Red (R)　　**Red (R)**
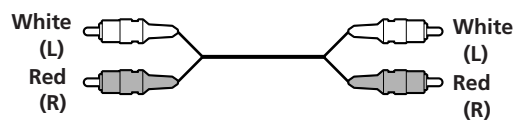
Hookups

When connecting an audio cord, be sure to match the color-coded cord to the appropriate jacks on the components: Red (right) to Red and White (left) to White. Be sure to make connections firmly to avoid hum and noise.

CD player　　　　　　　　　　　**Amplifier**

LINE OUT　　　　　　　　　　　INPUT
FIXED　　　　　　　　　　　　　CD
L　　　　　　　　　　　　　　　　L
R　　　　　　　　　　　　　　　　R

5
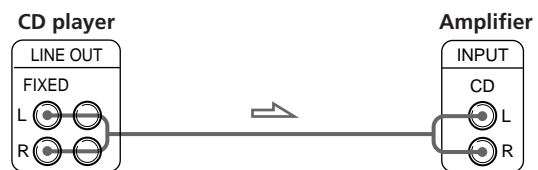
• **If you have an analog power amplifier**
Connect the amplifier via the VARIABLE LINE OUT jacks using the supplied audio cord. You can adjust the output level with the LINE OUT/PHONE LEVEL control on the player or the LINE OUT LEVEL buttons on the remote.

CD player   **Amplifier**

LINE OUT		INPUT
VARIABLE		CD
L		L
R		R
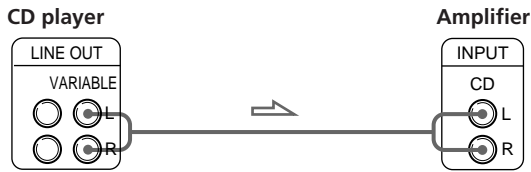
• **If you have a digital component such as a digital amplifier, D/A converter, DAT or MD**
Connect the component via the DIGITAL OUT (OPTICAL) connector using the optical cable (not supplied). Take off the cap and plug in the optical cable.
Note that you cannot use fading in or out (page 13) and Level File (CDP-CA9ES only, page 17) functions when making this connection.

POC-15

Optical cable (not supplied)

CD player   **Digital component**

DIGITAL OUT		DIGITAL INPUT
OPTICAL		OPTICAL

Note
When you connect via the DIGITAL OUT (OPTICAL) connector, noise may occur when you play CD software other than music, such as a CD-ROM.

• **If you have a Sony CD player, receiver or amplifier with the CONTROL S OUT connector**
Connect the component via the CONTROL S IN connector using the CONTROL S cable (not supplied). You can remotely control this player through the other component.
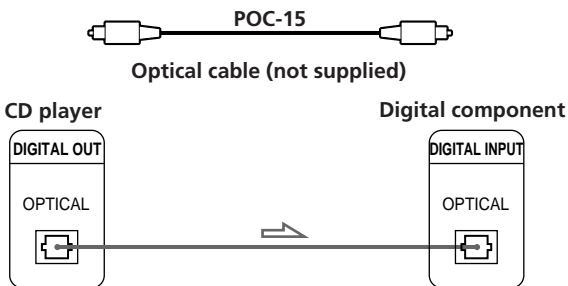
CD player   **Other component**

CONTROL S		CONTROL S
IN		OUT
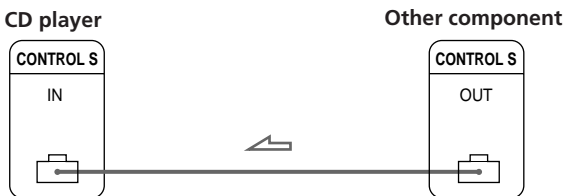
Connecting the AC power cord

Connect the AC power cord to a wall outlet.

Where do I go next?

Now you're ready to use your player.
If you aren't familiar with how to play CDs, go to the section "Playing a CD" on page 4.
Then, go to the following sections for other operations.

Transporting the player

Before transporting the player, follow the procedure below to return the internal mechanisms back to their original position.
1   Remove all the discs from the disc tray.
2   Press ⏏ OPEN/CLOSE to close the disc tray.
    "–NO DISC–" appears in the display.
3   Wait for 10 seconds, then press POWER to turn off the player.

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Using the Display

You can check information about the disc using the display.

CDP-CA9ES

TIME/MEMO

CDP-CA8ES

TIME

Checking the total number and playing time of the tracks

Press TIME/MEMO (CDP-CA9ES) or TIME (CDP-CA8ES or on the remote) before you start playing. The display shows the current disc number, the total number of tracks, total playing time and music calendar.
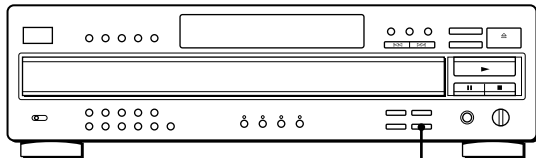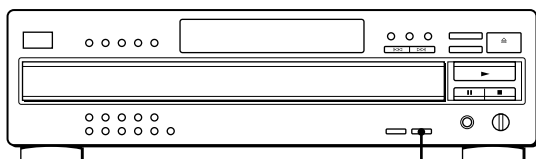
Current disc number   Total playing time

Total number of tracks   Music calendar
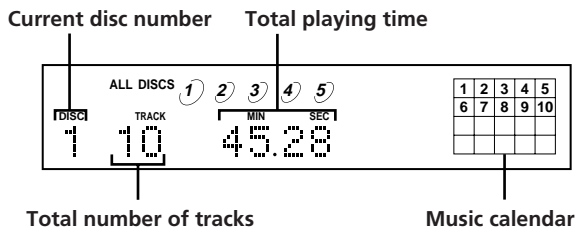
If the disc has more than 20 tracks, the ▶ indication appears next to 20 on the music calendar. The information also appears when you press ⏏ OPEN/CLOSE to close the disc tray.

Notes on the disc number indications
- The red circle around a disc number indicates the disc is ready to be played.
- When all the tracks on a disc have been played, the semi-circle around the disc number disappears.
- When a disc compartment is recognized as empty, the semi-circled disc number disappears.

Display information while playing a disc

While playing a disc, the display shows the current disc number, track number, playing time of the track and the music calendar.

Current disc number   Playing time

Current track number   Music calendar
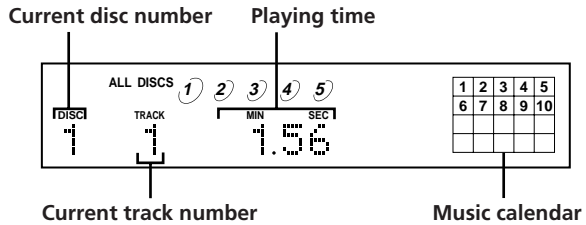
The track numbers in the music calendar disappear after they are played.

Checking the remaining time

Each time you press TIME/MEMO or TIME while playing a disc, the display changes as shown in the chart below.

Playing time and number of the current track

Press

Remaining time on the current track

If the track number exceeds 20, "– – . – –" appears instead of the remaining time.

Press

Remaining time on the disc

This information is available only in Continuous Play mode.

Press

Disc number or Disc Memo

If you've stored a Disc Memo (CDP-CA9ES only, see page 15), the Disc Memo appears.

Press

7
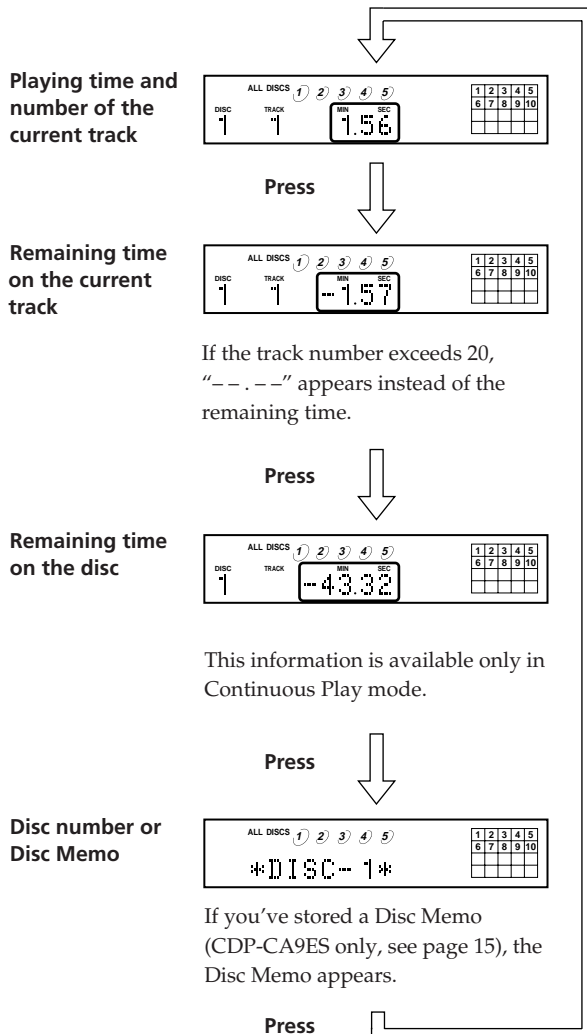
Replacing Discs While Playing a Disc

You can open the disc tray while playing a disc so that you can check what discs are to be played next and replace discs without interrupting playback of the current disc.
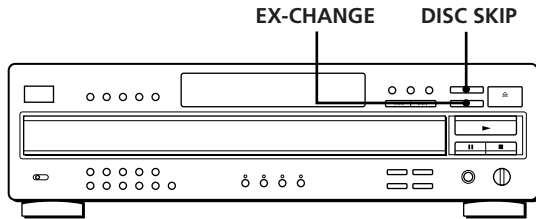
EX-CHANGE   DISC SKIP

1 Press EX-CHANGE.
"EX-CHANGE" appears in the display. The disc tray opens and two disc compartments appear. Even if the player is playing a disc, it doesn't stop playing.

2 Replace discs in the compartments with new ones. The player plays the disc on the left side compartment after the current disc, and then the one on the right side compartment.

3 Press DISC SKIP.
The disc tray turns and other two disc compartments appear.

4 Replace discs in the compartments with new ones.

5 Press EX-CHANGE.
The disc tray closes.

Notes
• If the playback of the current disc ends while the disc tray is open, the player stops playing. If the disc is played in 1 DISC Repeat mode (see page 10), the current disc starts playing again.
• In ALL DISCS Shuffle Play mode (see page 10), tracks are reshuffled on the current disc, while the disc tray is open.
• In Program Play mode (see page 11), only the tracks on the current disc are played.
• Do not push the disc tray to close it in Step 5, as you may damage the player.

Locating a Specific Disc

You can locate any disc before or while playing a disc.
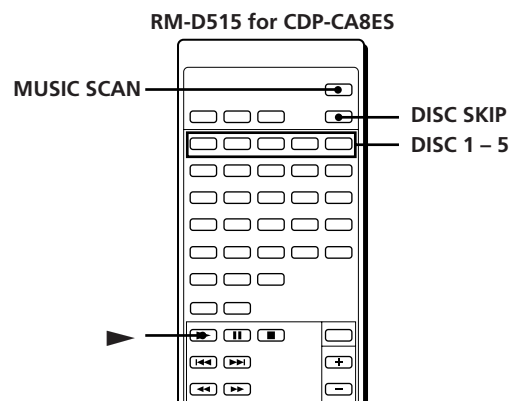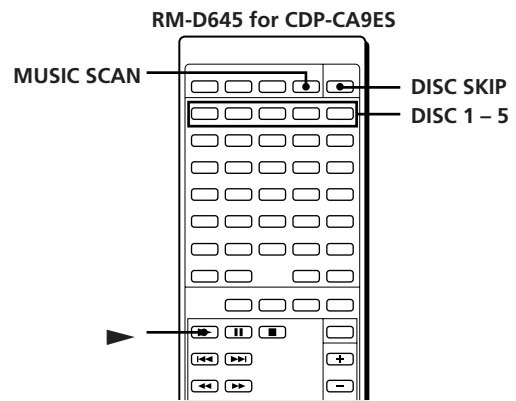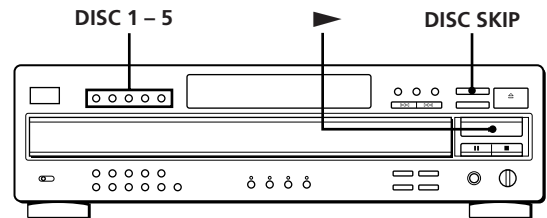
DISC 1 – 5   ▶   DISC SKIP

RM-D645 for CDP-CA9ES

MUSIC SCAN   DISC SKIP
                DISC 1 – 5

RM-D515 for CDP-CA8ES

MUSIC SCAN   DISC SKIP
                DISC 1 – 5

To locate	Press
The next disc	DISC SKIP while playing a disc
A specific disc directly	DISC 1 – 5
A disc by scanning the first track of each disc for 10 seconds (Music Scan) 📶	MUSIC SCAN before you start playing in ALL DISCS Continuous Play mode. When you find the disc you want, press ▶ to start playing.

💡 **You can extend the playing time during Music Scan** 📶
Press MUSIC SCAN repeatedly until the playing time you want (10, 20 or 30) appears in the display. Each time you press the button, the playing time changes cyclically.

Locating a Specific Track or a Point in a Track

You can quickly locate any track while playing a disc using the I◁◁/▷▷I (AMS: Automatic Music Sensor) buttons or number buttons. You can also locate a specific point in a track while playing a disc.

Number buttons   >10   I◁◁/▷▷I

RM-D645 for CDP-CA9ES

MUSIC SCAN

Number buttons

>20

▶
I◁◁/▷▷I
◀◀/▶▶

RM-D515 for CDP-CA8ES

MUSIC SCAN

Number buttons

>20

▶
I◁◁/▷▷I
◀◀/▶▶
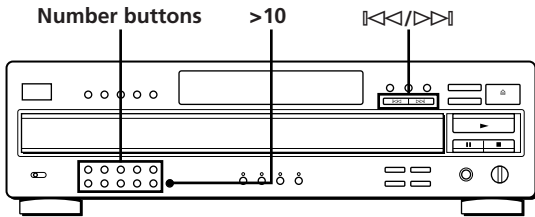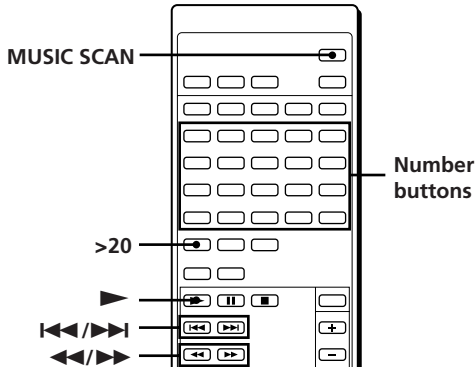
To locate	Press
The next or succeeding tracks	▷▷I repeatedly until you find the track
The current or preceding tracks	I◁◁ repeatedly until you find the track
A specific track directly	Number button of the track
A track by scanning each track for 10 seconds (Music Scan) 📶	MUSIC SCAN before you start playing in 1 DISC Continuous Play mode. When you find the track you want, press ▶ to start playing.
A point while monitoring the sound 📶	▶▶ (forward) or ◀◀ (backward) and hold down until you find the point
A point quickly by observing the display during pause 📶	◀◀/▶▶ and hold down until you find the point. You will not hear the sound during the operation.

ヅ **When you directly locate a track numbered over 10 (or 20 when using the remote)**
Press >10 (or >20 on the remote) first, then the corresponding number buttons. To enter "0," use button 10.
Example: To play track number 30
    Press >10 (or >20 on the remote) first, then 3 and 10.

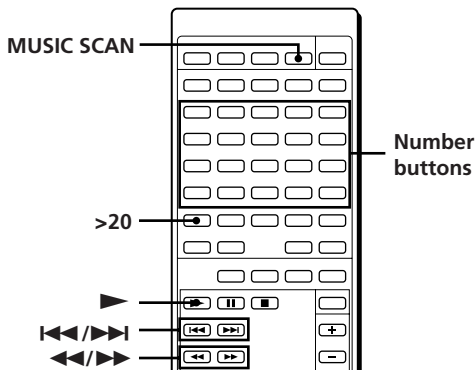ヅ **You can extend the playing time during Music Scan 📶**
Press MUSIC SCAN repeatedly until the playing time you want (10, 20 or 30) appears in the display. Each time you press the button, the playing time changes cyclically.

Note
If "–OVER–" appears in the display, the disc has reached the end while you were pressing ▶▶. Press ◀◀ or I◁◁ to go back.

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Playing Tracks Repeatedly

You can play discs/tracks repeatedly in any play mode.

REPEAT

Press REPEAT while playing a disc.
"REPEAT" appears in the display. The player repeats the discs/tracks as follows:

When the disc is played in	The player repeats
Continuous Play (ALL DISCS) (page 4)	All the tracks on all discs
Continuous Play (1 DISC) (page 4)	All the tracks on the current disc
Shuffle Play (ALL DISCS) (page 10)	All the tracks on all discs in random orders
Shuffle Play (1 DISC) (page 10)	All the tracks on the current disc in random orders
Program Play (page 11)	The same program

To cancel Repeat Play
Press REPEAT repeatedly until "REPEAT OFF" appears in the display.

Repeating the current track

You can repeat only the current track while the disc is played in Continuous Play.

While the track you want is being played, press REPEAT repeatedly until "REPEAT 1" appears in the display.

Playing in Random Order (Shuffle Play)

You can have the player "shuffle" tracks and play in a random order. The player shuffles all the tracks on all discs or on the disc you've specified.

DISC 1 – 5   SHUFFLE ►
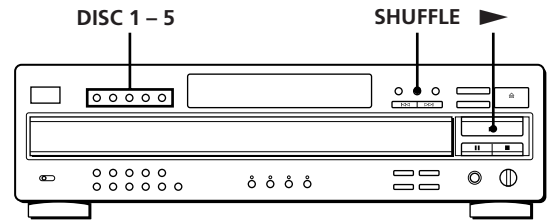
Shuffle Play on all discs

You can play all tracks on all discs in a random order.

1 Press SHUFFLE repeatedly until "ALL DISCS" appears in the display.

2 Press ► to start ALL DISCS Shuffle Play.
The ⌞⌝ indication appears while the player is "shuffling" the tracks.

To cancel Shuffle Play
Press CONTINUE.

ᵞ **You can start Shuffle Play while playing**
Press SHUFFLE, and Shuffle Play starts from the current track.

ᵞ **You can specify discs during Shuffle Play (Select Shuffle Play)**
You can specify discs before or during ALL DISCS Shuffle Play, and the tracks on the specified discs are played in a random order.
Press DISC 1 – 5 to specify the discs after Step 1.
Semi-circles appear around the specified disc numbers in the display. To cancel the selected discs, press DISC 1 – 5 again. The semi-circles disappear.
To return to ALL DISCS Shuffle Play, press SHUFFLE twice.

Shuffle Play on one disc

You can play all tracks on the specific disc in a random order.

1 Press SHUFFLE repeatedly until "1 DISC" appears in the display.

2 Press DISC 1 – 5 to start 1 DISC Shuffle Play on the selected disc.
The ⌞⌝ indication appears while the player is "shuffling" the tracks.
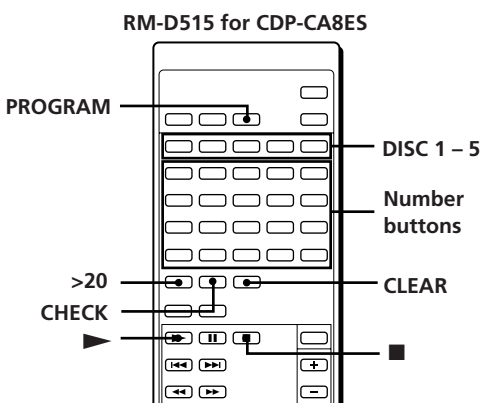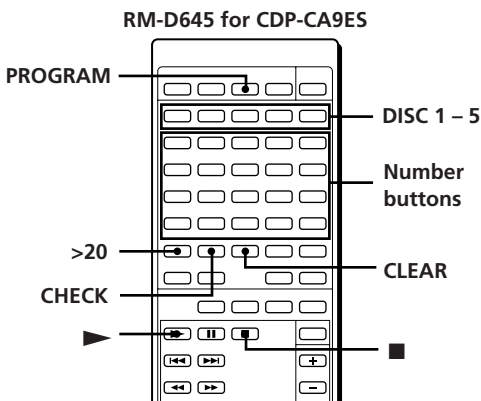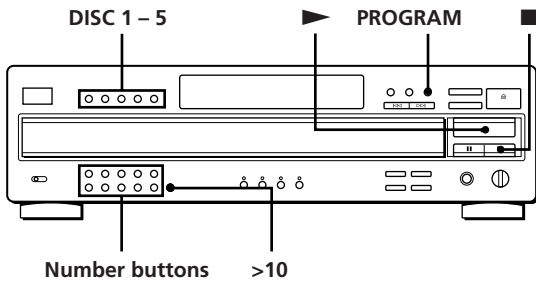
To cancel Shuffle Play
Press CONTINUE.

ᵞ **You can start Shuffle Play while playing**
Press SHUFFLE, and Shuffle Play starts from the current track.

Creating Your Own Program (Program Play)

You can arrange the order of the tracks on the discs and create your own program. The program can contain up to 32 tracks.

DISC 1 – 5   ▶   PROGRAM   ■

Number buttons   >10

RM-D645 for CDP-CA9ES

PROGRAM

DISC 1 – 5

Number buttons

>20

CHECK

CLEAR

▶   ■

RM-D515 for CDP-CA8ES

PROGRAM

DISC 1 – 5

Number buttons

>20

CHECK

CLEAR

▶   ■

1 Press PROGRAM.
"PROGRAM" appears in the display.
If a program is already stored, the last step of the program appears in the display. When you want to erase the whole program, hold down CLEAR on the remote until "ALL CLEAR" appears in the display (see page 12).

2 Press DISC 1 – 5 to select the disc.
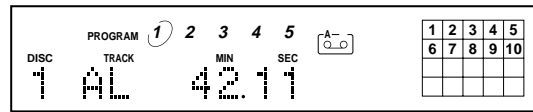
"AL" in the display stands for "all" tracks.
When you want to program the whole disc as one step, skip Step 3 and go to Step 4.

3 Press the number buttons of the tracks you want to program in the order you want.
To program the track numbered over 10 (or 20 when using the remote), use the >10 button (or >20 on the remote) (see page 9).

Last programmed track

Playing order

After one second   Programmed tracks

Total playing time
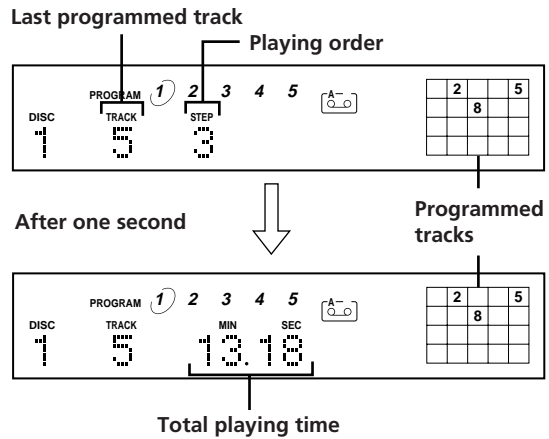
If you've made a mistake
Press CLEAR on the remote, then press the correct number button.

4 To program other discs or tracks, do the following:

To program	Repeat Step(s)
Other discs	2
Other tracks on the same disc	3
Other tracks on other discs	2 and 3

5 Press ▶ to start Program Play.

To cancel Program Play
Press CONTINUE.

ϔ **You can create your program while checking the disc labels**
While the disc tray is open, follow Steps 1 to 5 with pressing DISC SKIP to check the disc labels. If you close the disc tray before Step 5, the total playing time appears in the display after a while.
Note that, if the programmed track number isn't found on the disc, that step is automatically erased.

ϔ **The program remains even after the Program Play ends**
When you press ►, you can play the same program again.

ϔ **The program remains until you erase it**
If you replace discs, the programmed disc and track numbers remain. So, the player plays only the existing disc and track numbers. However, the disc and track numbers that aren't found in the player or on the disc are deleted from the program, and the rest of the program is played in the programmed order.

Note
The total playing time doesn't appear when:
—You have programmed a track whose number exceeds 20.
—The total playing time of the program exceeds 200 minutes.

Checking the track order 📑

You can check your program before or after you start playing.

Press CHECK on the remote.
Each time you press this button, the display shows the disc and track number of each step in the programmed order. (When a whole disc is programmed as one step, "AL" appears instead of the track number.) After the last step in the program, the display shows "–END–" and returns to the original display. If you check the order after you start playing, the display shows only the remaining steps.

Changing the track order

You can change your program before you start playing.

To	You need to
Erase a step 📑	Press CHECK until the track or disc you don't want appears in the display, then press CLEAR
Erase the last step in the program 📑	Press CLEAR. Each time you press the button, the last track or disc will be cleared.
Add steps to the end of the program	Follow Steps 2 to 4 in "Creating Your Own Program" on page 11
Change the whole program completely 📑	Hold down CLEAR until "ALL CLEAR" appears in the display to erase the whole program, then create a new program following Steps 2 to 4 in "Creating Your Own Program" on page 11

Playing Using a Timer (CDP-CA9ES only)

You can start playing a disc at any time you want by connecting a timer (not supplied). Please also refer to the instructions for the timer if you need help.

TIMER   Play mode buttons
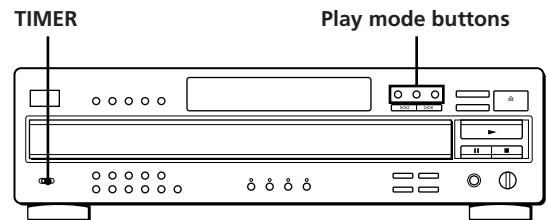
1 Press one of the play mode buttons to select the play mode you want.

2 Set TIMER on the player to PLAY.

3 Set the timer to the time you want.
The player turns off. When the set time comes, the player turns on and starts playing.

4 After you have used the timer, set TIMER on the player to OFF.

Recording Your Own Program

You can record the program you've created on a tape, DAT or MD. The program can contain up to 32 tracks. By inserting a pause during programming, you can divide the program into two for recording on both sides of a tape.

DISC 1 – 5   ►   **PROGRAM**

Number buttons   **>10**   ❚❚
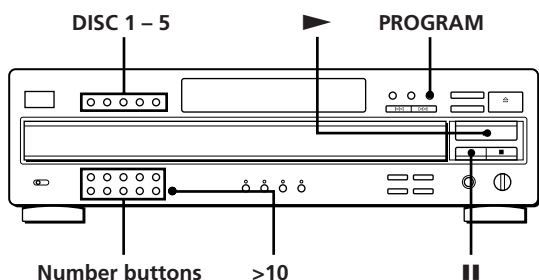
1 Create your program (for side A when recording on a tape) while checking the total playing time indicated in the display.
Follow Steps 1 to 4 in "Creating Your Own Program" on page 11.
The [☖] indication appears in the display.

2 When you record on both sides of the tape, press ❚❚ to insert a pause.
The "P" and [☖] indications appear in the display and the playing time is reset to "0.00."
When you record on one side of the tape or on a DAT or MD, skip this step and go to Step 4.

   A pause is counted as one track
   You can program up to 31 tracks when you insert a pause.

3 Repeat Steps 2 to 4 in "Creating Your Own Program" on page 11 to create the program for side B.

4 Start recording on the deck and then press ► on the player.
When you record on both sides of the tape, the player pauses at the end of the program for side A.

5 When you record on side B, reverse the tape and press ► or ❚❚ on the player to resume playing.

ᵷ **You can check the total playing time while programming (Program Edit)**
To select a track, press I◄◄ or ►►I and check the total playing time. Then press PROGRAM to confirm your selection.

ᵷ **To check and change your program**
See page 12.
The [☖] indication appears while checking the program for side A and [☖] while checking the program for side B.
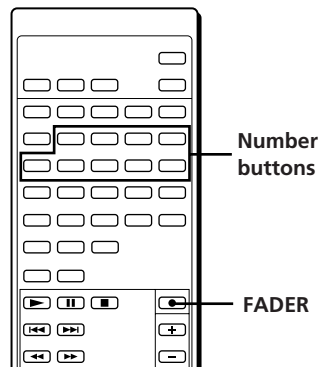
Fading In or Out 🖥

You can manually fade in or out to prevent tracks from starting or ending abruptly.
Note that you cannot use this effect when you use the DIGITAL OUT (OPTICAL) connector.

RM-D645 for CDP-CA9ES

Number buttons

FADER

RM-D515 for CDP-CA8ES

Number buttons
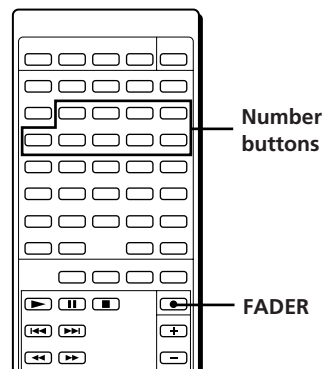
FADER

To	Press FADER
Start play fading in	During pause. The ◄❙❙ indication flashes and play fades in.
End play fading out	When you want to start fading out. The ❙►- indication flashes. The play fades out and the player pauses.

Changing the fading time

You can change the fading time from 2 to 10 seconds before fading in or out. If you don't change it, fading lasts for 5 seconds.

1 Press FADER before you start playing.
"FADE 5 SEC" appears in the display.

2 While the fading time "5" is flashing, press the number button to specify the fading time.

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What You Can Do With the Custom Files

The player can store 4 types of information called "Custom Files" for each disc. Once you have stored Custom Files for a disc, the player automatically recalls what you have stored whenever you select the disc. Note that Custom Files will be erased if you don't use the player for about 1 month.

You can store this information:

When you use	You can
Music Clip (page 14)	Group the tracks on each disc into up to 4 groups
Disc Memo (page 15)	Label the disc using up to 10 characters
Delete Bank (page 16)	Delete unwanted tracks and store only the tracks you want
Level File (page 17)	Store the optimum playback level of the disc

The Custom File indication lights up when you store the corresponding information.
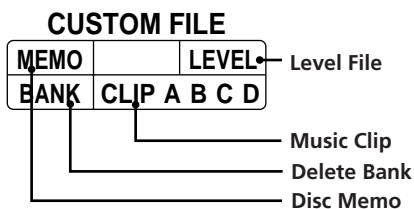
Where are Custom Files stored?

Custom Files are stored not on the disc but in the player's memory. This means you cannot use Custom Files when you play the disc on other players.

How many discs can you file?

You can file up to 172 discs in the Custom File. You can check how many discs you can file as follows:
Remove all the discs in the player, then press ⏏ OPEN/CLOSE. Wait for "–NO DISC–" to appear in the display, then press TIME/MEMO (or TIME on the remote). "REMAIN: XXX" appears in the display to show you how many discs you can file.
Each time you press TIME/MEMO (or TIME), the display shows the Custom Files for each disc. After the last Custom File, "– END –" appears for a while, then "–NO DISC–" appears.

Erasing Custom Files

If the memory for Custom Files becomes full, the player displays "FILE FULL" when you press FILE to store the information and you cannot store any more disc information. If necessary, erase any unwanted Custom Files as follows:

To erase all Custom Files of one disc

Remove all the discs in the player, then press ⏏ OPEN/CLOSE. Wait for "–NO DISC–" to appear in the display, then press TIME/MEMO (or TIME on the remote) repeatedly until the Custom Files for the disc which you want to erase appear. Then, press ERASE. "FILE ERASE" appears and the Custom File indication disppears. All the Custom Files for the disc will be erased.

To erase all Custom Files of all discs

While holding down ERASE and FILE, press POWER to turn on the player. "ALL ERASE" appears in the display and all the Custom Files will be erased.

Grouping Tracks (Music Clip)

You can group the track on each disc into up to 4 groups called "clips." Once you store a track into a clip, you can use the Music Clip every time you play the disc. You can also play only the tracks stored in a selected clip.
Note that tracks numbered over 32 cannot be stored into a clip.
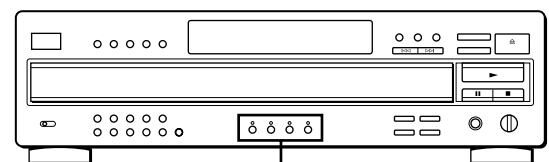
MUSIC CLIP buttons

Storing tracks into clips

1 Play the track you want to store into a clip.

2 Press one of the MUSIC CLIP buttons (A, B, C or D).
"CLIP FILE" appears and the selected MUSIC CLIP button indicator flashes for a while. "CLIP A (B, C or D)" indication appears in the Custom File indicator.

3 Repeat Steps 1 and 2 to store other tracks into clips.

Playing tracks in a clip (Clip Play)

Press one of the MUSIC CLIP buttons before you start playing.
"CLIP ▷" appears in the display and the selected MUSIC CLIP button indicator lights. The player starts playing tracks in the selected clip.

To play tracks in another clip
Press ■ to stop playing, then press one of the MUSIC CLIP buttons you want to play.

Notes
- Clip Play is available only in Continuous and Shuffle Play mode. If you press MUSIC CLIP in Program Play mode, the player automatically enters Continuous Play mode and start Clip Play.
- In ALL DISCS Play mode, the player plays the tracks in the selected clip on all discs consecutively.

Removing tracks from a clip

1 Before you start playing, press one of the MUSIC CLIP buttons to start Clip Play.

2 Press ⏮ or ⏭ to select the track you want to remove from the clip.

3 Press ERASE to remove the track.
"CLIP ERASE" appears in the display for a while. The player starts playing the next track in the clip.

4 Repeat Steps 2 and 3 to remove other tracks.
When you've removed all tracks from the clip, "CLIP A (B, C or D)" indication in the Custom File indicator disappears.

༘ You can assign a name to a clip 📶
1 Press TIME repeatedly until the clip name such as "CLIP-A" appears in the display.
2 Follow Steps 2 to 4 in "Labeling a Disc" on this page.

Labeling a Disc (Disc Memo) 📶

You can label a disc using up to 10 characters and have the player display the Disc Memo every time you select the disc. The Disc Memo can be anything you like, such as a title, musician's name, category or date of purchase.

Orange-colored letter buttons

MEMO INPUT

FILE

ERASE
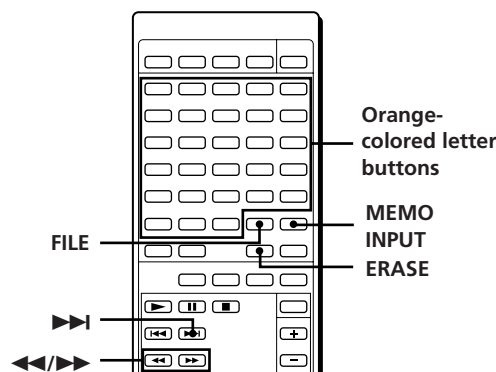
1 Insert or select the disc.

2 Press MEMO INPUT on the remote repeatedly until you find the letter type you want.
Each time you press the button, the display shows upper case letters (ABC), lower case letters (abc) and numbers (123) cyclically.

3 Input letters in the order you want by pressing the orange-colored letter buttons on the remote.
The letter you input appears in the display and the flashing cursor moves to the next position. You can change the letter type.
To insert a space, press CLEAR.

If you've made a mistake
Press ⏮ or ⏭ until the letter you want to change flashes, then press the correct letter button.

4 Press FILE to store the Disc Memo.
"MEMO FILE" appears for a while, then the display shows the Disc Memo. "MEMO" in the Custom File indication lights up in the display.

༘ You can assign the Disc Memo while checking the disc labels
While the disc tray is open, follow Steps 2 and 3 to assign the Disc Memo to the disc in front of you. Press DISC SKIP to turn the disc tray and assign the Disc Memos to other discs. Then, press FILE to store the Disc Memo.

You can input non-alphanumeric characters

The player offers 87 characters (including symbols and space) to label your discs.

1 Insert or select the disc.

2 Before you start playing, press ◀◀ or ▶▶ repeatedly until the character you want appears in the display.
Each time you press these buttons, the following characters appear cyclically.

(space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & a b c d e f g h i j k l m n o p q r s t u v w x y z ä ö ü ; : ( ) [ ] % $ # 0 1 2 3 4 5 6 7 8 9 → ← * / ! ? ' " , . –
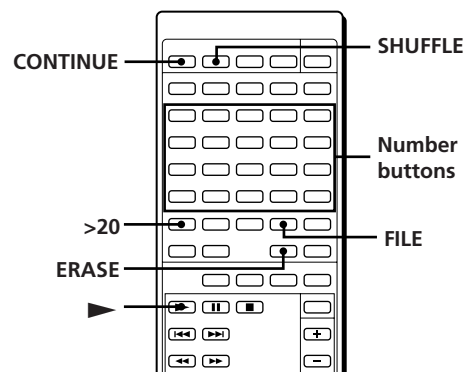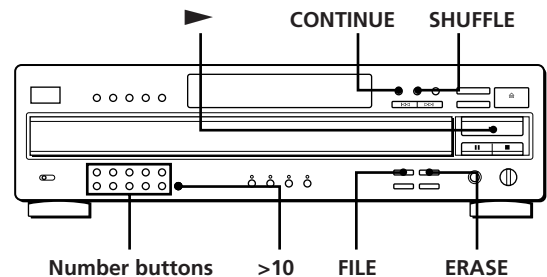
3 Press ▶▶I.
The flashing cursor moves to the next position.

4 Repeat Steps 2 and 3 to input more characters.

5 Press FILE to store the Disc Memo.

Erasing the Disc Memo

1 Insert or select the disc.

2 Press MEMO INPUT on the remote or ◀◀/▶▶.
The first letter of the Disc Memo flashes.

3 Press ERASE to erase the Disc Memo.
"FILE ERASE" appears for a while, then the display shows the disc number ("∗DISC-1∗," "∗DISC-2∗," etc.). "MEMO" in the Custom File indication disappears.

Storing Specific Tracks (Delete Bank)

You can delete unwanted tracks and store only the tracks you want. When you select the disc with the Delete Bank, you can play only the tracks you want.

1 Insert or select the disc.

2 Press SHUFFLE to select "ALL DISCS" or "1 DISC".

3 Press the number buttons to delete the tracks you want to delete.
The track numbers disappear from the music calendar.

If you've made a mistake
Press the number button of the track. "SELECT" appears in the display and the track will be restored.

4 Press FILE to store the remaining tracks.
"DEL FILE" appears in the display for a while. "BANK" in the Custom File indication lights up in the display.

Playing using the Delete Bank

1 Press CONTINUE or SHUFFLE to select "ALL DISCS" or "1 DISC".

2 Press ▶ to start playing.

To cancel playing using the Delete Bank
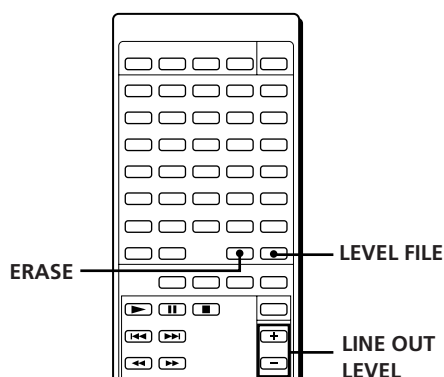Press ■.

Erasing the Delete Bank

1 Insert or select the disc.

2 Press FILE, then press ERASE while "DEL FILE" appears in the display.
"FILE ERASE" appears in the display for a while.
"BANK" in the Custom File indication disappears.

Storing the Optimum Playback Level of a Disc (Level File) 📶

You can store the optimum playback level of the disc when you connect the player via the VARIABLE LINE OUT jacks. Every time you select the disc, the player will set the level automatically and you don't need to adjust the volume on the amplifier.

ERASE

LEVEL FILE

LINE OUT LEVEL

1 Insert or select the disc.

2 While playing the disc, adjust the playback level using LINE OUT LEVEL on the remote (or LINE OUT/PHONE LEVEL on the player).

3 Press LEVEL FILE to store the playback level.
"LEVEL FILE" appears in the display for a while.
"LEVEL" in the Custom File indication lights up in the display.

Erasing the Level File

1 Insert or select the disc.

2 Press LEVEL FILE, then press ERASE, while "LEVEL FILE" appears in the display.
"FILE ERASE" appears in the display for a while.
"LEVEL" in the Custom File indication disappears.

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Precautions

On safety
- As the laser beam used in this unit is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the cabinet, unplug the player and have it checked by qualified personnel before operating it any further.

On power sources
- Before operating the player, check that the operating voltage of the player is identical with your local power supply. The operating voltage is indicated on the nameplate at the rear of the player.
- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- If you are not going to use the player for a long time, be sure to disconnect the player from the wall outlet. To disconnect the AC power cord (mains lead), grasp the plug itself; never pull the cord.
- Should the AC power cord (mains lead) need to be changed, have it done at a qualified service shop only.

On placement
- Place the player in a location with adequate ventilation to prevent heat build-up in the player.
- Do not place the player on a soft surface such as a rug that might block the ventilation holes on the bottom.
- Do not place the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.

On operation
- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the player. Should this occur, the player may not operate properly. In this case, remove the disc and leave the player turned on for about an hour until the moisture evaporates.

On adjusting volume
- Do not turn up the volume while listening to a portion with very low level inputs or no audio signals. If you do, the speakers may be damaged when a peak level portion is played.

On cleaning
- Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

If you have any questions or problems concerning your player, please consult your nearest Sony dealer.

Notes on CDs

On handling CDs
- To keep the disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.
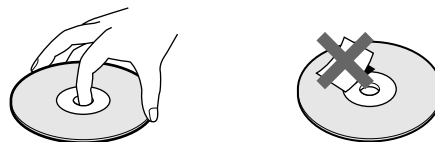
Not this way

- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be considerable rise in temperature inside the car.
- Do not use any commercially available stabilizer and/or disc protector. If you do, the disc and the player may be damaged.
- After playing, store the disc in its case.

On cleaning
- Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.
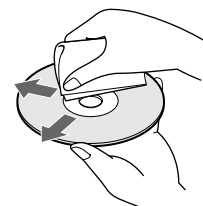
- Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

Troubleshooting

If you experience any of the following difficulties while using the player, use this troubleshooting guide to help you remedy the problem. Should any problem persist, consult your nearest Sony dealer.

There's no sound.
→Check that the player is connected securely.
→Make sure you operate the amplifier correctly.
→Adjust the playback level using the LINE OUT/ PHONE LEVEL control.

The CD does not play.
→There's no CD inside the player ("–NO DISC–" appears). Insert a CD.
→Place the CD with the label side up on the disc tray correctly.
→Clean the CD (see page 18).
→Moisture has condensed inside the player. Remove the disc and leave the player turned on for about an hour (see page 18).

The recording level has changed.
→When you connect the amplifier via the VARIABLE LINE OUT jacks, the recording level changes if you adjust the LINE OUT/PHONE LEVEL control on the player or press LINE OUT LEVEL on the remote during recording.

The remote does not function.
→Remove the obstacles in the path of the remote and the player.
→Point the remote at the remote sensor ▣ on the player.
→Replace all the batteries in the remote with new ones if they are weak.

The player functions incorrectly.
→The microcomputer chips may be operating incorrectly. Turn the power off, then turn it back on to reset the player.

Specifications

Compact disc player

Laser	Semiconductor laser
Wavelength	780 – 790 nm
Frequency response	2 Hz to 20 kHz ± 0.3 dB
Signal-to-noise ratio	More than 117 dB
Dynamic range	More than 100 dB
Harmonic distortion	CDP-CA9ES: Less than 0.0023% CDP-CA8ES: Less than 0.0025%
Channel separation	More than 110 dB

Output

	Jack type	Maximum output level	Load impedance
LINE OUT (FIXED)	Phono jacks	2 V (at 50 kilohms)	Over 10 kilohms
LINE OUT (VARIABLE)	Phono jacks	2 V (at 50 kilohms)	Over 50 kilohms
DIGITAL OUT (OPTICAL)	Optical output connector	–18 dBm	Wave length: 660 nm
PHONES	Stereo phone jack	15 mW	32 ohms

General

Power requirements	120 V AC, 60 Hz
Power consumption	CDP-CA9ES: 17 W CDP-CA8ES: 15 W
Dimensions (approx.) (w/h/d)	430 × 125 × 400 mm (17 × 5 × 15 3/4 in.) incl. projecting parts
Mass (approx.)	CDP-CA9ES: 7.5 kg (16 lbs 9 oz) CDP-CA8ES: 7.0 kg (15 lbs 7 oz)

Supplied accessories

Audio cord (2 phono plugs – 2 phono plugs) (1)
Remote commander (remote) (1)
Sony SUM-3 (NS) batteries (2)

Design and specifications are subject to change without notice.

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