

# ***Compact Disc Player***

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Operating Instructions _____	<b>EN</b>
Mode d'emploi _____	<b>F</b>
Manual de instrucciones _____	<b>ES</b>
Bruksanvisning _____	<b>S</b>

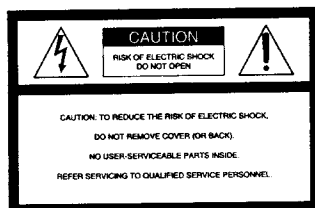


**CDP-XA7ES**  
**CDP-XA5ES**  
**CDP-XA3ES**

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.



This symbol 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.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## INFORMATION

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.

## CAUTION

You are cautioned that any changes or modification not expressly approved in this manual could void your authority to operate this equipment.

## Owner's Record

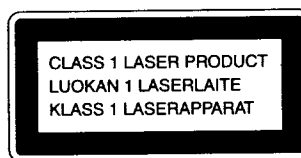
The model and serial numbers are located at the rear of the unit. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

## For the customers in Europe

The laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product.

The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

The following caution label is located inside the unit.

CAUTION	: INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.
ADVARSEL	: UDSYNLIG LASERSTRÅLING VED ÅBNING. UNDDRAG Blik fra strålingen.
VARO!	: AVATTAESSA JA SUOJALINKITUS OHITETTAINESSA OLET ALTTONA LASERSTRÄLLELLE.
VARNING	: LASERSTRÅLING NÄR DENNA DEL ÄR ÖPPNAD OCH SPÄNNEN ÄR UTSÄNDT.
ADVARSEL	: UDSYNLIG LASERSTRÅLING NÄR DEKSEL ÅPNES UNDER EKSPONERING FOR STRÅLING.

## For the customers in Canada

### CAUTION

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

## 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 model CDP-XA7ES, CDP-XA5ES and CDP-XA3ES. The CDP-XA5ES is the model used for illustration purposes, unless otherwise mentioned. Any difference in operation is clearly indicated in the text, for example, "CDP-XA7ES 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.

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## Additional Information

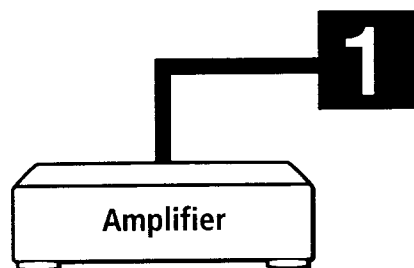
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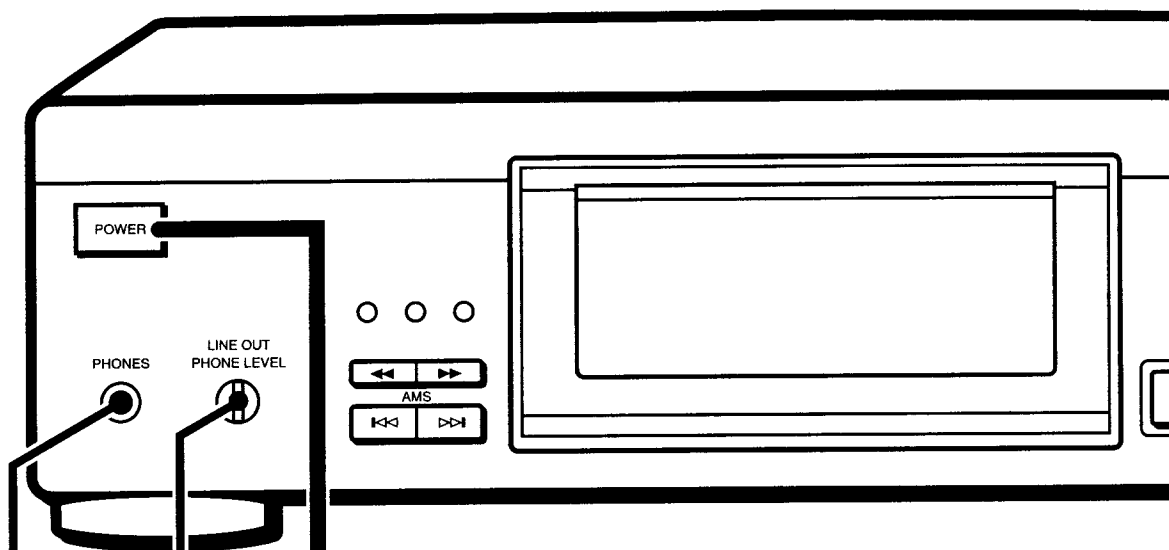
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# Playing a CD



**1** Turn on the amplifier and select the CD player position.



**2**

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



**If you turn on the player with a CD in the tray**

You can start playing automatically from the beginning of the CD.

If you connect a commercially available timer, you can start playing the CD at any time you want.

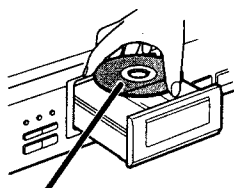
Connect the headphones.

Adjust the headphone volume.

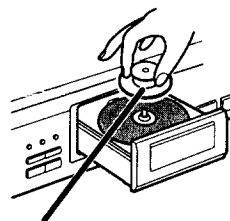
# 3

Press  $\triangle$  OPEN/CLOSE, and place a CD on the tray.

- For CDP-XA7ES/XA5ES



With the label side up

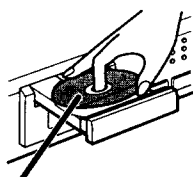


Place the supplied stabilizer on the CD.

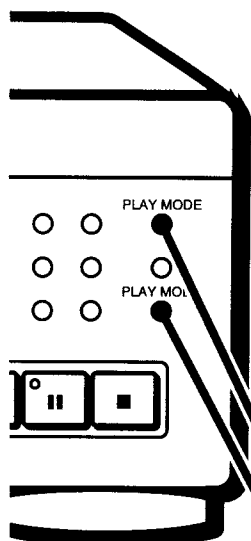


If "-----" appears in the display  
Place the supplied stabilizer on the CD.  
If you do not, this indication appears.

- For CDP-XA3ES



With the label side up



PLAY MODE (for CDP-XA5ES/XA3ES)

PLAY MODE (for CDP-XA7ES)

# 4

Press  $\blacktriangleright$ .

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

## To stop playback

Press  $\blacksquare$ .

When you want to	Press
Pause	$\text{II}$
Resume play after pause	$\text{II}$ or $\blacktriangleright$
Go to the next track	$\blacktriangleright \text{II}$
Go back to the preceding track	$\text{II} \blacktriangleleft$
Stop play and remove the CD	$\triangle$ OPEN/CLOSE

## Note

In Step 3, do not place two or more CDs at the same time.  
If you do so, you may damage the discs and/or the player.



## If play doesn't start from the first track


Press PLAY MODE repeatedly until "SHUFFLE",  
"PROGRAM" and "CUSTOM INDEX" disappear from  
the display (or press CONTINUE on the remote).

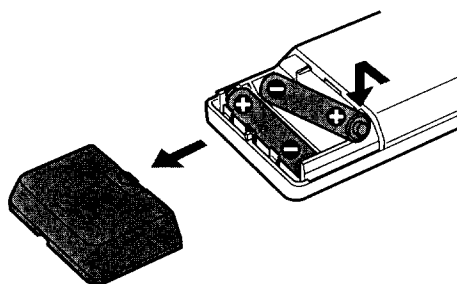
## Unpacking

Check that you received the following items:

- Audio connecting cord (1)
- Remote commander (remote) (1)
- Sony SUM-3 (NS) batteries (2)
- Stabilizer (1) (CDP-XA7ES/XA5ES only)

## 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.



### 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.

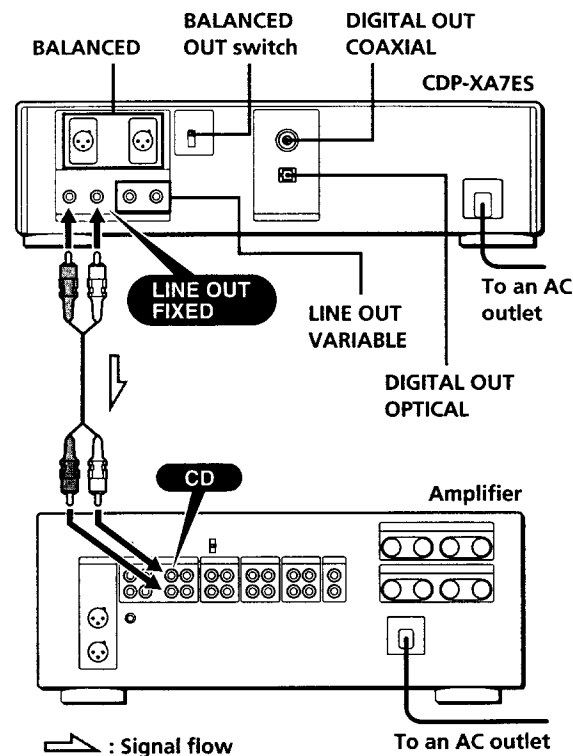
### Notes

- 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 (for CDP-XA7ES)

### 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.



### What cords will I need?

#### ■ When making analog hookups

- Audio cord (supplied) (1)



- Cannon connector XLR-3-32 or equivalent (not supplied)



#### ■ When making digital hookups

- Optical cable POC-15 (not supplied)



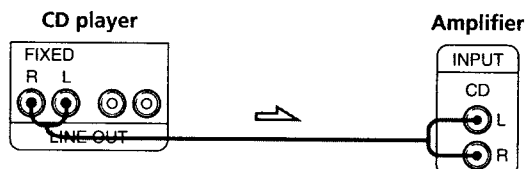
- Coaxial cable (not supplied)



## Hookups

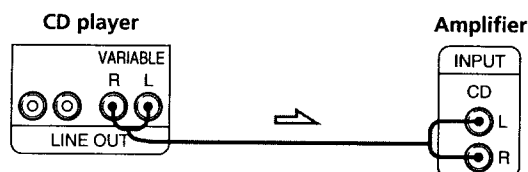
### ■ When making analog hookups

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.



### • If you have an analog power amplifier

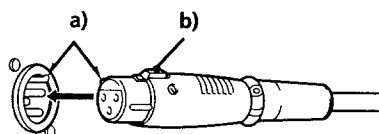
Connect the amplifier via the VARIABLE LINE OUT jacks using the supplied audio cord. You can adjust the output level with the LINE OUT/PHONE LEVEL control on the player or the LINE OUT LEVEL buttons on the remote.



### • If you have an amplifier with balanced input connectors

Connect the amplifier via the BALANCED connectors using the cannon connector XLR-3-32 or equivalent (not supplied). The balanced connection is hardly affected by external noise and often used by professionals in studios and the broadcasting stations.

**Cannon connector XLR-3-32 or equivalent (not supplied)**



- To plug in the connector, fit these positions and insert the connector firmly.
- To detach the connector, pull the connector out while pressing this lock button.

### Pin assignment

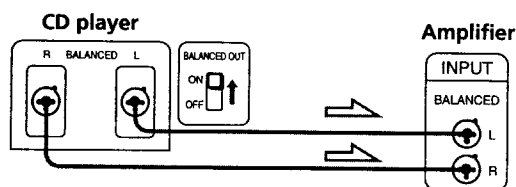


For Europe

- 1: GND
- 2: HOT
- 3: COLD

For U.S.A. and Canada

- 1: GND
- 2: COLD
- 3: HOT



After making connections, set the BALANCED OUT switch on the rear to ON. When you don't use the balanced output, set the switch back to OFF.

### ■ When making digital hookups

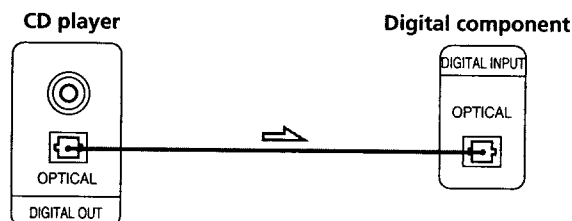
You can avoid deterioration of the signal during transmission, since the music signal output through the digital output connectors retains digital form.

You can connect a digital component such as a digital amplifier, D/A converter, DAT or MD. When you connect a DAT or MD, you can make digital recordings from CDs.

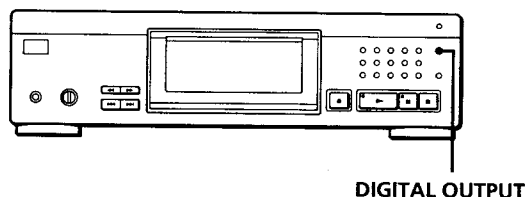
Note that you cannot use fading in or out function (page 16) when making this connection.

### • If you have a digital component with an optical digital input connector

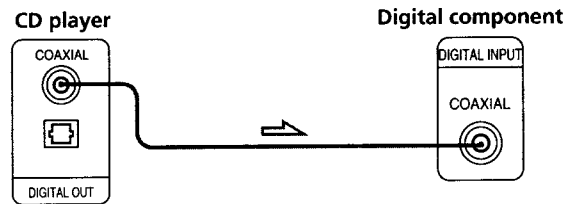
Connect the component via the DIGITAL OUT (OPTICAL) connector using the optical cable (not supplied). Take off the cap and plug in the optical cable.



After making connections, press DIGITAL OUTPUT on the player to turn on the DIGITAL OUT indicator.



- **If you have a digital component with a coaxial digital input connector**  
Connect the component via the DIGITAL OUT (COAXIAL) connector using the coaxial cable (not supplied).



After making connections, press DIGITAL OUTPUT on the player to turn on the DIGITAL OUT indicator.

## Note

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

## Connecting the AC power cord

Connect the AC power cord to a wall outlet.

## Removing the notice sheet

The notice sheet is put on the player. Remove the sheet before you use your player.

## 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.

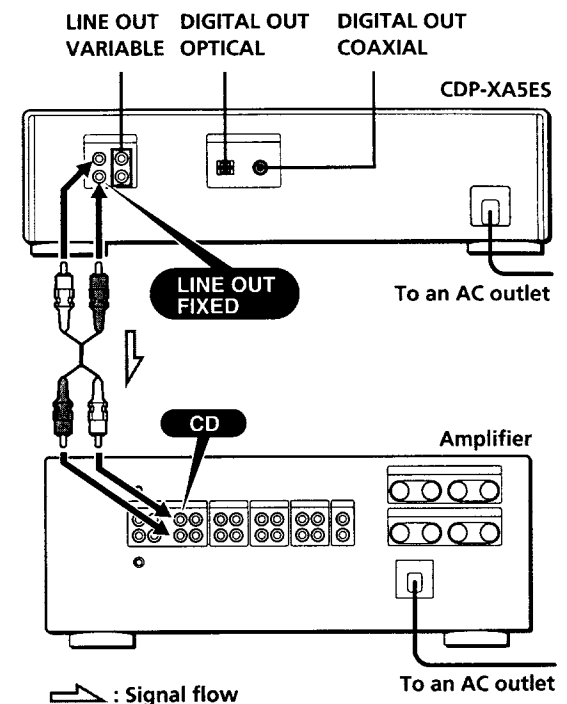
Then, go to the following sections for other operations.

# Hooking Up the System (for CDP-XA5ES/XA3ES)

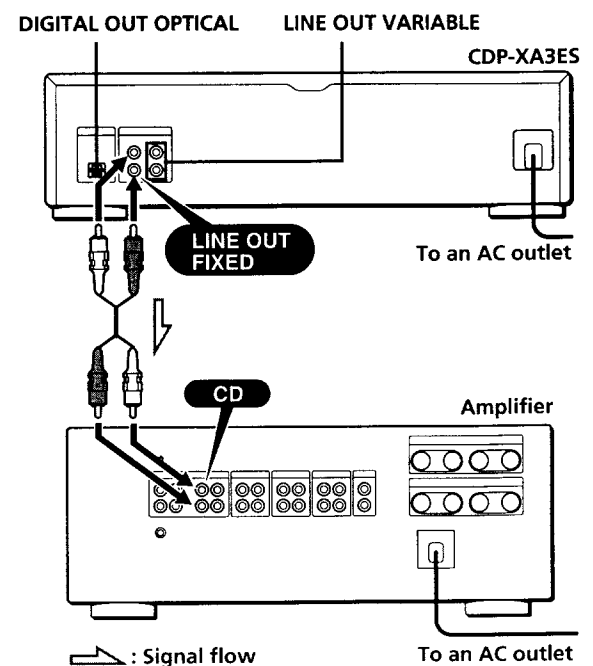
## Overview

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.

### ■ For CDP-XA5ES



### ■ For CDP-XA3ES





## What cords will I need?

### ■ When making analog hookups

- Audio cord (supplied) (1)



### ■ When making digital hookups

- Optical cable POC-15 (not supplied)

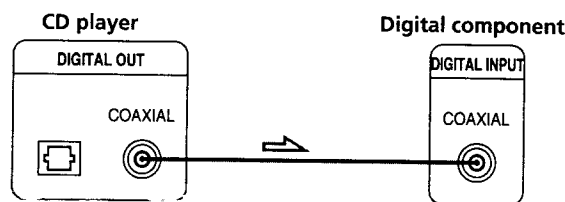


- Coaxial cable (not supplied) (CDP-XA5ES only)



- If you have a digital component with a coaxial digital input connector (CDP-XA5ES only)

Connect the component via the DIGITAL OUT (COAXIAL) connector using the coaxial cable (not supplied).



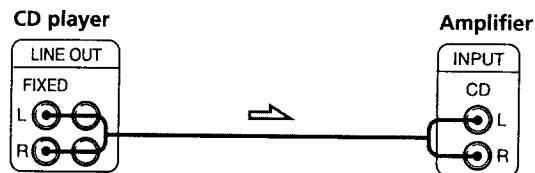
### Note

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

## Hookups

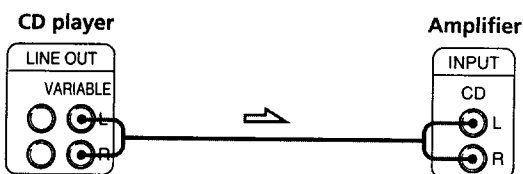
### ■ When making analog hookups

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.



- 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.

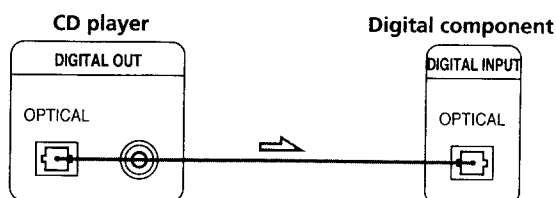


### ■ When making digital hookups

Note that you cannot use fading in or out (page 16) and time fade (page 17) functions when making this connection.

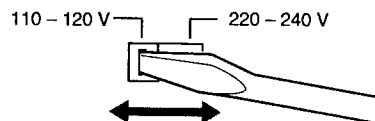
- If you have a digital component with an optical digital input connector

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.



## Setting the voltage selector (only for CDP-XA3ES with the voltage selector)

Check that the voltage selector on the rear panel of the player is set to the local power line voltage. If not, set the selector to the correct position using a screwdriver before connecting the AC power cord to a wall outlet.



## Connecting the AC power cord

Connect the AC power cord to a wall outlet.

## Removing the notice sheet (CDP-XA5ES only)

The notice sheet is put on the player. Remove the sheet before you use your player.

## Where do I go next?

Now you're ready to use your player.

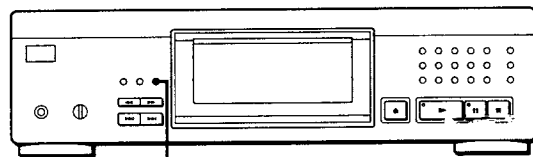
If you aren't familiar with how to play CDs, go to the section "Playing a CD" on page 4.

Then, go to the following sections for other operations.

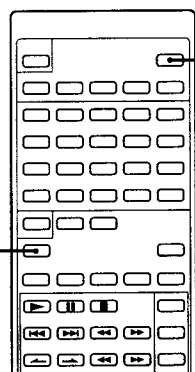
## Using the Display

You can check information about the disc using the display.

CDP-XA5ES/XA3ES



TIME



DISPLAY MODE

TIME

## Checking the total number and playing time of the tracks

Press TIME before you start playing. (For CDP-XA7ES, use the remote.)

The display shows the total number of tracks, total playing time and music calendar.



Total number of tracks

Total playing time

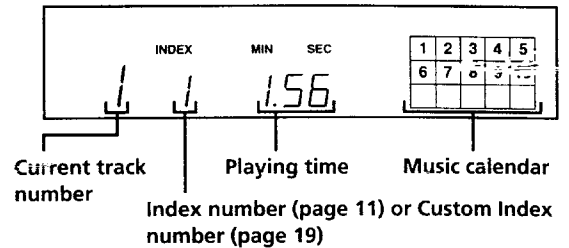
Music calendar

While in Shuffle Play mode ("SHUFFLE" appears in the display; see page 13), a one-second access time blank is added between each track. This increase is automatically added to the total playing time in the display.

If the disc has more than 15 tracks, the ► indication appears next to 15 on the music calendar. The information also appears when you press OPEN/CLOSE to close the disc tray.

## Display information while playing a disc

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



Current track number

Playing time

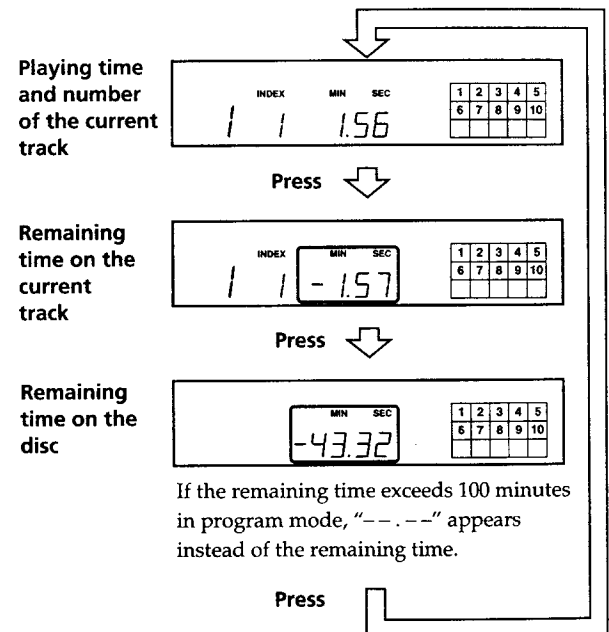
Music calendar

Index number (page 11) or Custom Index number (page 19)

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

## Checking the remaining time

Each time you press TIME while playing a disc, the display changes as shown in the chart below. (For CDP-XA7ES, use the remote.)

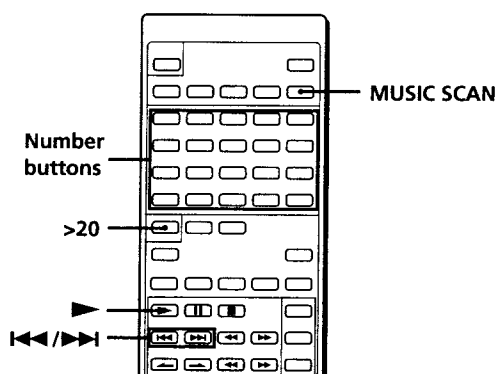
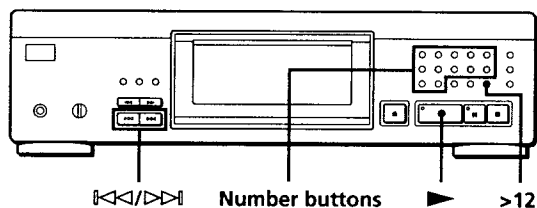


## Turning off the music calendar in the display

Each time you press DISPLAY MODE on the remote while playing a disc, the music calendar turns off and on alternately in the display.

## Locating a Specific Track

You can quickly locate any track while playing a disc using the  $\lll/\ggg$  (AMS: Automatic Music Sensor) buttons or number buttons.



To locate	Press
The next or succeeding tracks	$\ggg$ repeatedly until you find the track
The current or preceding tracks	$\lll$ repeatedly until you find the track
A specific track directly	Number button of the track
By scanning each track for 10 seconds (Music Scan)	MUSIC SCAN before you start playing or while playing a disc. When you find the track you want, press $\ggg$ to start playing.

### When you directly locate a track numbered over 12 (or 20 when using the remote)

Press  $>12$  (or  $>20$  on the remote) first, then the corresponding number buttons. To enter "0," use button 10.

Example: To play track number 30

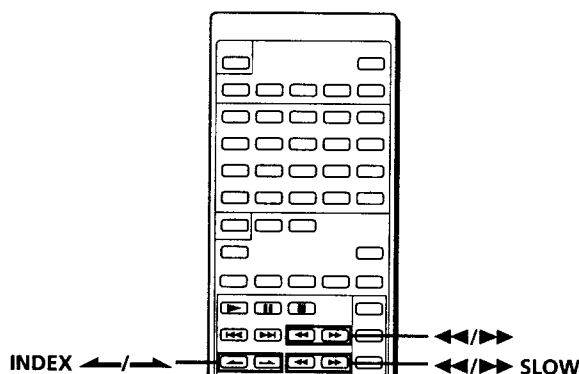
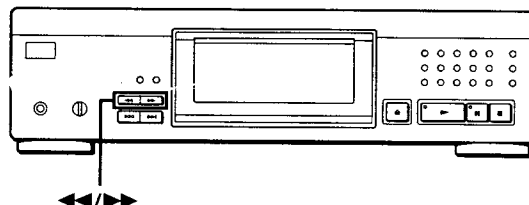
Press  $>12$  (or  $>20$  on the remote) first, then 3 and 10.

### 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 Particular Point in a Track

You can also locate a particular point in a track while playing a disc.



To locate a point	Press
While monitoring the sound	$\ggg$ (forward) or $\lll$ (backward) and hold down until you find the point
Slowly by monitoring the sound	$\lll/\ggg$ SLOW on the remote and hold down until you find the point
Quickly by observing the display during pause	$\lll/\ggg$ and hold down until you find the point. You will not hear the sound during the operation.
Using an index (only for indexed discs)	INDEX $\lll/\ggg$ on the remote repeatedly until you find the point

### What is an index?

It is a number that divides a track or a disc into sections, enabling you to easily locate a desired point. You can determine if a disc uses indexes by its packaging.

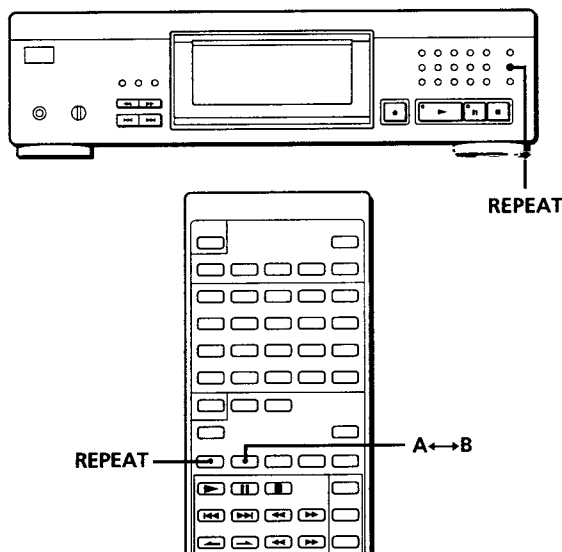
#### Note

If "77" appears in the display, the disc has reached the end while you were pressing  $\ggg$ . Press  $\lll$  or  $\lll/\ggg$  to go back.

## Playing Tracks Repeatedly

You can play tracks repeatedly in any play mode.

CDP-XA5ES/XA3ES



Press REPEAT while playing a disc. (For CDP-XA7ES, use the remote.)

"REPEAT" appears in the display. The player repeats the tracks as follows:

When the disc is played in	The player repeats
Continuous Play (page 5)	All the tracks
Shuffle Play (page 13)	All the tracks in random orders
Program Play (page 13)	The same program
Delete Play (page 14)	All the remaining tracks
Delete Shuffle Play (page 13, 14)	All the remaining tracks in random orders
Custom Index Play (page 20)	The portion between two indexes

### To cancel Repeat Play

Press REPEAT repeatedly until "REPEAT" disappears from the display.

## Repeating the current track

You can repeat only the current track.

While the track you want is being played, press REPEAT repeatedly until "REPEAT 1" appears in the display. (For CDP-XA7ES, use the remote.)

### Note

You cannot repeat the current track while the disc is played in Custom Index Play mode (see page 20).

## Repeating a Specific Portion (A↔B Repeat)

You can play a specific portion in a track repeatedly. This might be useful when you want to memorize lyrics.

Note that you cannot repeat a portion extending to two tracks

- 1 While playing a disc, press A↔B on the remote when you find the starting point (point A) to be played repeatedly.  
"A-" of "REPEAT A-" flashes in the display.
- 2 When you reach the ending point (point B), press A↔B again.  
"REPEAT A-B" appears. The player plays this specific portion repeatedly.

### To cancel A↔B Repeat

Press REPEAT.

### Setting a new starting point

You can move the repeating portion ahead by changing the starting point.

- 1 Press A↔B while the player is repeating the specific portion.  
The ending point B becomes the new starting point A. "A-" of "REPEAT A-" flashes in the display.
- 2 When you reach the ending point (point B), press A↔B again.  
"REPEAT A-B" appears. The player repeats between the new starting and ending points.



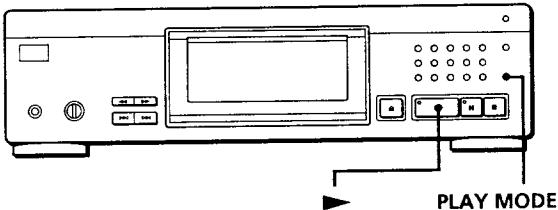
### When you want to restart from the starting point A

Press ► during A↔B Repeat.

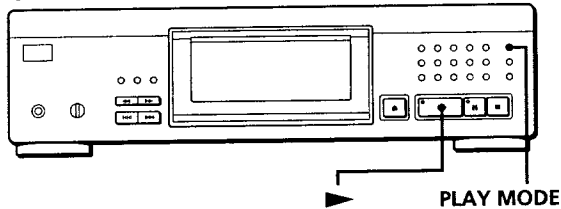
## Playing in Random Order (Shuffle Play)

You can have the player "shuffle" tracks and play in a random order.

CDP-XA7ES



CDP-XA5ES/XA3ES



- 1 Press PLAY MODE repeatedly until "SHUFFLE" appears in the display.  
When using the remote, press SHUFFLE.
- 2 Press ► to start Shuffle Play.  
The [ ] indication appears while the player is "shuffling" the tracks.

### To cancel Shuffle Play

Press PLAY MODE four times (or CONTINUE on the remote).

### 💡 You can start Shuffle Play while playing

Press PLAY MODE once (or SHUFFLE on the remote), and Shuffle Play starts from the current track.

### 💡 You can delete unwanted tracks during Shuffle Play (Delete Shuffle Play)

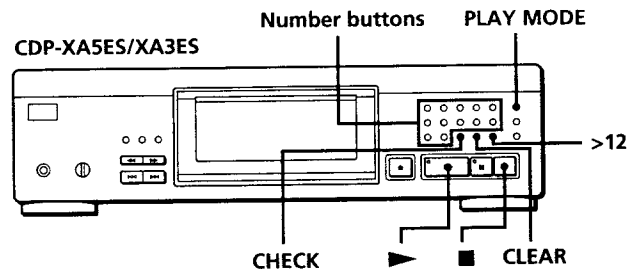
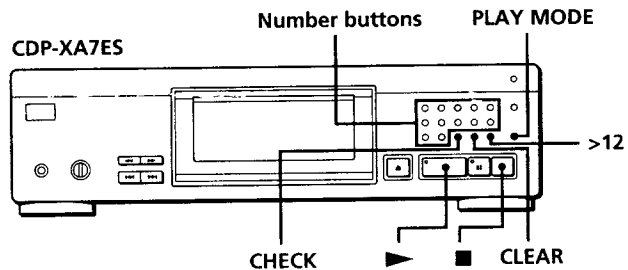
Press the number button of the track you want to delete. The track number and "OFF" appear in the display, and then the track number disappears from the music calendar.

If you want to restore the track, press the number button again.

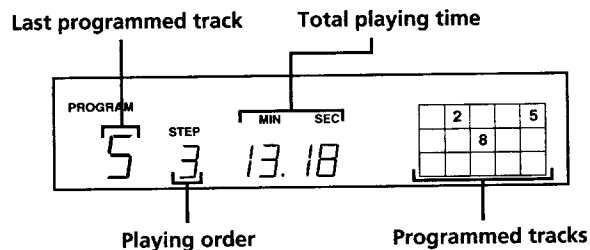
To restore all the tracks, press ■ in stop mode.

## Creating Your Own Program (Program Play)

You can arrange the order of the tracks on a disc and create your own program. The program can contain up to 24 tracks.



- 1 Press PLAY MODE repeatedly until "PROGRAM" appears in the display.  
When using the remote, press PROGRAM.
- 2 Press the number buttons of the tracks you want to program in the order you want.  
To program the track numbered over 12 (or 20 when using the remote), use the >12 (or >20 on the remote) (see page 11).



### If you've made a mistake

Press CLEAR, then press the correct number button.

- 3 Press ► to start Program Play.

### To cancel Program Play

Press PLAY MODE three times (or CONTINUE on the remote).

## The program remains even after the Program Play ends

When you press ►, you can play the same program again.

### Notes

- “---” appears instead of the total playing time in the display when it exceeds 100 minutes.
- “FULL” appears in the display when you try to add a track to a program which already contains 24 tracks.

## Checking the track order

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

Press CHECK.

Each time you press this button, the display shows the track number in the programmed order. After the last track 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 track numbers.

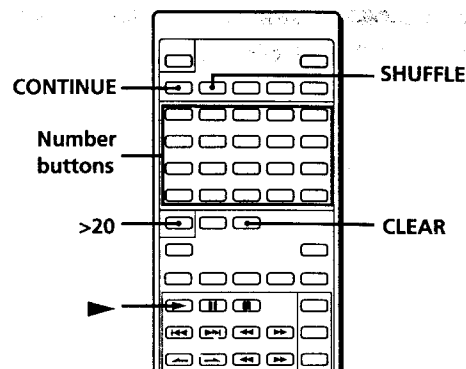
## Changing the track order

You can change your program before you start playing.

To	Press
Erase a track	CHECK until the track you don't want appears in the display, then press CLEAR
Erase the last track in the program	CLEAR. Each time you press the button, the last track will be cleared.
Add tracks to the end of the program	Number buttons of the tracks to be added
Change the whole program completely	■ (stop). Create a new program following the programming procedure.

## Playing Only Specific Tracks (Delete Play)

You can delete unwanted tracks and play only the remaining tracks.



- 1 Press SHUFFLE.  
“SHUFFLE” appears in the display.
- 2 Press the number buttons of the tracks you want to delete.  
The track numbers disappear from the music calendar after “OFF” appears for a while.  
To delete a track numbered over 20, use the >20 button (see page 11).

### If you've made a mistake

Press the number button of the track. “On” appears in the display and the track will be restored.

- 3 After you've deleted all the tracks you don't want, press CONTINUE.  
“SHUFFLE” disappears from the display.

### If you press PLAY MODE on the player instead of CONTINUE on the remote

The deleted tracks will be restored. Be sure to do this step with the remote.

- 4 Press ► to start Delete Play.

### To cancel Delete Play

Press ■ in stop mode.

## The player keeps the deleted tracks in memory even after the Delete Play ends

When you press ►, you can play only the remaining tracks again.

## You can play the tracks in random order (Delete Shuffle Play)

Just skip Step 3 in the above procedure.

## You can delete a track while playing

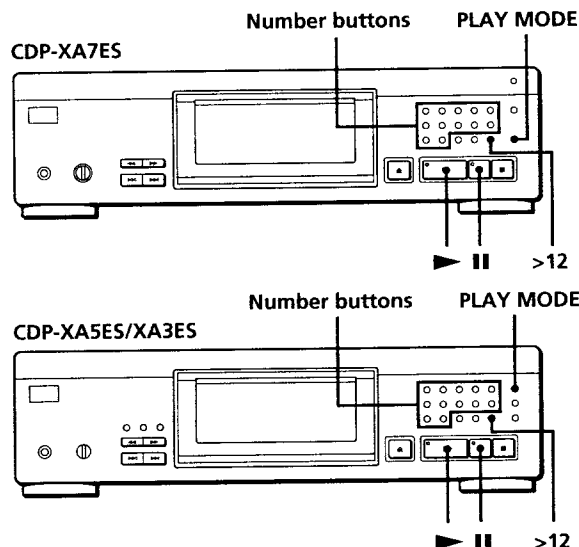
Press CLEAR while the track is being played. The player deletes the track and starts playing the next track.

## You can store the deleted tracks of each disc

See “Storing Specific Tracks of a Disc” on page 20.

## Recording Your Own Program

You can record the program you've created on a tape, DAT or MD. The program can contain up to 24 tracks. By inserting a pause during programming, you can divide the program into two for recording on both sides of a tape.



- 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 and 2 in "Creating Your Own Program" on page 13.
  - 2 When you record on both sides of the tape, press **II** to insert a pause. The "P" indication appears 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 23 tracks when you insert a pause.
- 3 Repeat Step 1 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 **II** on the player to resume playing.

### 💡 You can check the total playing time while programming (Program Edit)

This feature helps you find the last track that will fit on one side of the tape.

- 1 Press PLAY MODE repeatedly until "PROGRAM" appears in the display. (When using the remote, press PROGRAM.)
- 2 Press **◀◀** or **▶▶** until the track you want to program appears in the display. The total playing time including the selected track appears in the display and the step number of the program flashes.
- 3 Press PLAY MODE (or PROGRAM on the remote) to confirm your selection.
- 4 Repeat Steps 2 and 3 to program other tracks.

### 💡 To check and change your program

See page 14.

"SIDE-A" appears while checking the program for side A and "SIDE-B" while checking the program for side B.

### 💡 When tracks, which aren't numerically consecutive on the disc, are programmed consecutively (i.e. 1, 3, 5 etc.)

A one-second access time blank is added between the tracks.

### 💡 You can automatically insert a blank space of 3 seconds between each track

Use the Auto Space function (see page 18).

## Recording a CD by Specifying Tape Length (Time Edit/Just Edit)

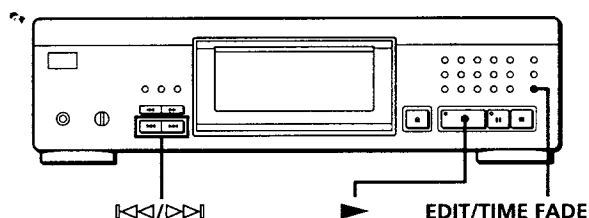
**You cannot use this function when your player is CDP-XA7ES.**

You can have the player create a program that will fit the length of the tape. Select one of the following options:

- Time Edit: automatically creates a program, keeping the original order of the disc.
- Just Edit: automatically arranges the track order to fit the tape length.

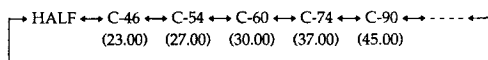
The program can contain up to 24 tracks (a pause inserted between tracks is counted as one track).

Note that tracks whose numbers are over 24 cannot be programmed.



- 1 Press EDIT/TIME FADE before you start playing as follows:
  - To select Time Edit, press the button once. "EDIT" appears and "SIDE-A" flashes in the display.
  - To select Just Edit, press the button twice. "JUST EDIT" appears and "SIDE-A" flashes in the display.

- 2 Press or to specify the tape length. Each time you press these buttons, the display changes as shown below, with the tape length of one side following each indication.



## When you select "HALF"

The player sets the program of each side to a half of the total playing time of the disc. Note that you cannot select "HALF" when the disc has more than 24 tracks.

- 3 Press EDIT/TIME FADE to have the player create the program. The display shows the tracks to be recorded. "SIDE-B" flashes in the display.
- 4 When you record on both sides of the tape, press EDIT/TIME FADE again. The player inserts a pause, then creates the program for side B. The display shows the programmed tracks. When you record on one side of the tape or on a DAT or MD, skip this step.
- 5 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.
- 6 When you record on side B, reverse the tape and press or on the player to resume playing.

## To cancel Time Edit/Just Edit

Press PLAY MODE repeatedly until "SHUFFLE", "PROGRAM" and "CUSTOM INDEX" disappear from the display (or press CONTINUE on the remote).

**You can program the tracks you want in advance**  
Select the tracks before doing the above procedure. The player creates a program from the remaining tracks. In this case, you cannot select "HALF" to specify the tape length.

**You can freely specify the tape length**  
Set the tape length using number buttons. To enter "0," use button 10.  
Example: When the tape length of one side is 30 minutes and 15 seconds  
Press 3, 10, 1 and 5.

**When tracks, which aren't numerically consecutive on the disc, are programmed consecutively (i.e. 1, 3, 5 etc.)**  
A one-second access time blank is added between the tracks.

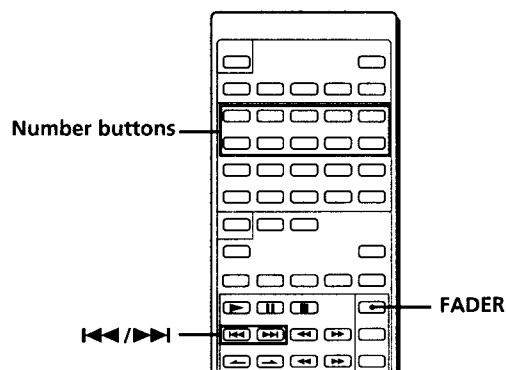
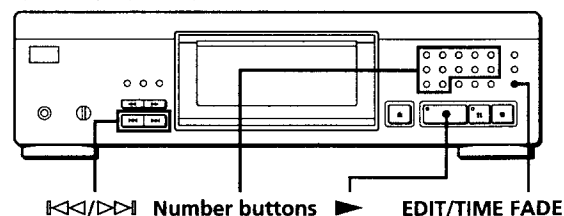
**You can automatically insert a blank space of 3 seconds between each track**  
Use the Auto Space function (see page 18).

**You can check and change the program**  
See page 14.



## 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 connector.

### CDP-XA5ES/XA3ES





To	Press FADER
Start play fading in 	During pause. "FADE" flashes and play fades in.
End play fading out 	When you want to start fading out. "FADE" 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. "5 SEC" appears and "FADE" flashes in the display.
- 2 Press the number button to specify the fading time.



### Notes

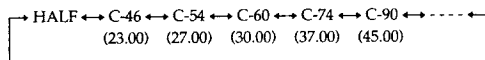
- The fading time remains even when you turn off the player.
- When you use the Custom File function (page 18), the fading time is memorized for each disc.

## Fading out at the specified time (Time Fade)

**You cannot use this function when your player is CDP-XA7ES.**


You can have the player fade out automatically by specifying the playing time. Once you set the time fade, it works twice, that is, the play fades out at the end of both sides of a tape.



- 1 Press EDIT/TIME FADE three times before you start playing. "TIME FADE" and "SIDE-A" appear in the display.
- 2 Press  or  to specify the playing time. Each time you press these buttons, the display changes as shown below, with the playing time of one side following each indication.





### When you select "HALF"

The player sets the playing time to a half of the total playing time.

- 3 Press  to start playing. At the specified time the play fades out with "FADE" flashing in the display and the player pauses. "SIDE-B" appears in the display.

- 4 To record on side B, reverse the tape and press  or  on the player to resume playing. Again, the play fades out at the specified time.

### To cancel Time Fade

Press EDIT/TIME FADE, or press  or  while playing a disc.

### You can freely specify the playing time

See "You can freely specify the tape length" on page 16.

### You can change discs during Time Fade

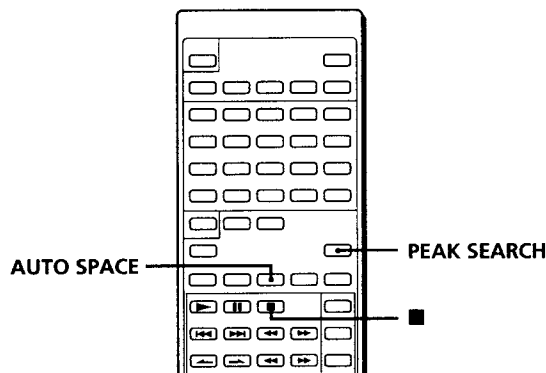
If the play ends before the specified fade-out time, (for example, when you record CD-singles on a tape) change the disc. The specified fade-out time is counted only during playing.

### You can fade in to resume playing in Step 4

After you reverse the tape, press FADER.


## Useful Tips for Recording

Using these functions makes recording CDs more convenient.



## Adjusting the Recording Level (Peak Search)

The player locates the highest level among the tracks to be recorded to let you adjust the recording level before you start recording.

- 1 Before you start playing, press PEAK SEARCH. "PEAK" flashes in the display and the player repeats the portion of the highest level.
- 2 Adjust the recording level on the deck.
- 3 Press  on the player to stop Peak Search. "PEAK" disappears from the display.

**Note**

The portion with the highest level may differ every time you try the adjustment on the same disc. The difference is, however, so slight that you won't find any problem in adjusting the recording level precisely.

### Locating each track on a tape using the AMS function (Auto Space)

The auto space function inserts a blank space of 3 seconds between each track while playing, and enables you to locate each track using the AMS function of the deck.

Before you start playing, press AUTO SPACE.  
"AUTO SPACE" appears in the display.

#### To cancel Auto Space

Press AUTO SPACE until "AUTO SPACE" disappears in the display.

**Note**

If you use the Auto Space function when recording, for example, a medley or symphony, the sound may be interrupted where the track number changes. It happens when the track numbers are assigned in the middle of the piece.

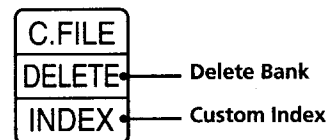
## What You Can Do With the Custom Files

The player can store 2 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 insert 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
Custom Index (page 19)	Index the disc at up to 8 points (for a disc with 32 tracks or less) or 5 points (for a disc with over 32 tracks)
Delete Bank (page 20)	Delete unwanted tracks and store only the tracks you want

The Custom File indication lights up when you store the corresponding information.



When you store a Custom File for a disc, the player remembers how you played that disc last time even if you removed the disc from the player (last mode memory). When you insert the same disc again, therefore, the player plays in the same play mode. The player also remembers the duration of fade in/out time if you've changed the time.

Note that when you press ► to close the disc tray and start playing, the player plays in the play mode currently selected instead of the stored one.

### 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 224 discs in the Custom File. Note that the player counts a disc as two when you store the Custom Index and Delete Bank at the same time.

## You can check how many discs you can file

- 1 Remove the disc from the player.
- 2 Press  $\triangle$  OPEN/CLOSE to close the disc tray.
- 3 Press TIME while the music calendar disappears from the display.  
The number of the Custom Files you can file appears.

## Erasing Custom Files

If the memory for Custom Files becomes full, the player displays "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 all discs

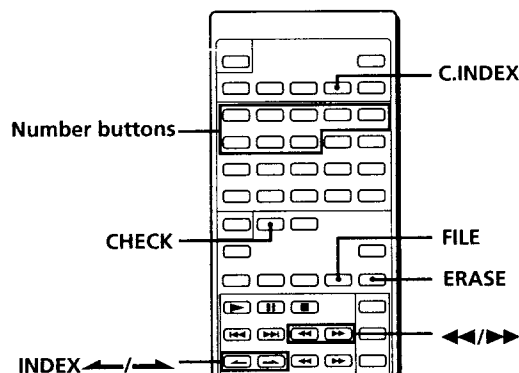
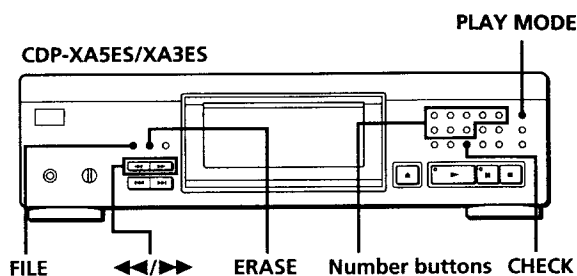
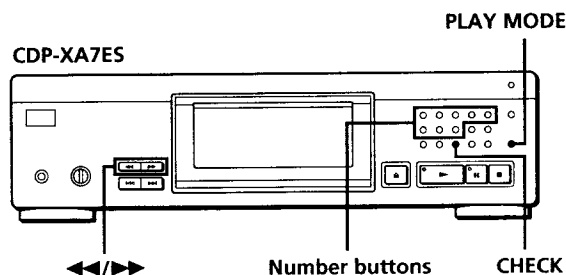
- **For CDP-XA7ES**  
While holding down  $\triangle$  OPEN/CLOSE and DIGITAL OUTPUT, press POWER to turn on the player. "AL-CLr" appears in the display and all the custom files will be erased.
- **For CDP-XA5ES/XA3ES**  
While holding down ERASE and FILE, press POWER to turn on the player. "AL-CLr" appears in the display and all the custom files will be erased.

## Indexing a Disc (Custom Index)

You can index a disc at up to 8 points (for a disc with 32 tracks or less) or 5 point (for a disc with over 32 tracks) so that you can easily locate a desired point. This might be useful when you play discs of symphonies or concertos that divide one piece into several tracks (see the example below).

### Example

	← First piece →			← Second piece →			← Third piece →		
Track No.	1	2	3	4	5	6	7	8	9
Custom Index No.	1			2			3		



- 1 Insert the disc.
- 2 Press PLAY MODE repeatedly until "CUSTOM INDEX" appears in the display.  
When using the remote, press C.INDEX.  
The music calendar disappears.
- 3 Press FILE at the point you want to index. (For CDP-XA7ES, use the remote.)  
The Custom Index number flashes in the display.  
The player repeats the portion for 3 seconds from the point to be indexed.
- 4 Press  $\ll$  or  $\gg$  to adjust the point so that the player can repeat from the exact point you want to index.  
Pressing these buttons 7 times moves the point by about 1 second ahead or behind.  
  
**If you don't want to index at the point**  
Press CLEAR and search another point to be indexed.
- 5 Press FILE again to store the Custom Index. (For CDP-XA7ES, use the remote.)  
"INDEX" in the Custom File indication lights up in the display.
- 6 To mark more Custom Indexes, repeat Steps 3 to 5.



### When you've already decided where to index

You can directly mark an index without adjusting the point. When you find the point to be indexed, first press **II** to pause playing and press **FILE** to mark an index. (For CDP-XA7ES, use the remote.)

### Playing from an indexed point (Custom Index Play)

- 1 Press **PLAY MODE** repeatedly until "CUSTOM INDEX" appears in the display. When using the remote, press **C.INDEX**.
- 2 Locate the Custom Index you want as follows:

To locate	Press
The next Custom Index	<b>INDEX</b>
The current Custom Index	<b>INDEX</b>
A specific Custom Index directly	Number button of the Custom Index
By scanning the indexed points for 10 seconds	<b>MUSIC SCAN</b> . When you find the point you want, press <b>▶</b> to start playing.

Playback starts from the selected Custom Index to the end of the disc.

### To cancel the Custom Index Play

Press **PLAY MODE** twice (or **CONTINUE** on the remote).

### Notes

- You cannot use the index search function (see page 11).
- Use **INDEX** / buttons to locate the next or the current Custom Indexes, instead of **II** << / >> **II** buttons.

### Playing from one index to the next one (Custom Index Single Play)

- 1 Press **PLAY MODE** repeatedly until "CUSTOM INDEX (1)" appears in the display. When using the remote, press **C.INDEX**.
- 2 Press the number button of the Custom Index you want. Playback starts from the selected Custom Index and stops at the beginning of the next index.

To cancel the Custom Index Single Play, press **PLAY MODE** once (or **CONTINUE** on the remote).



### You can play the portion between two indexes repeatedly

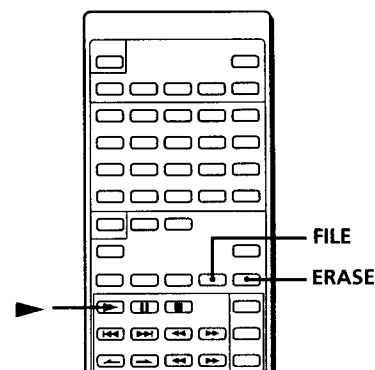
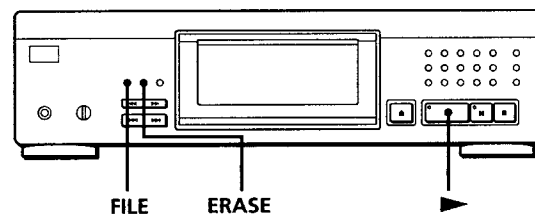
Press **REPEAT**. (For CDP-XA7ES, use the remote.)

### Erasing the Custom Index

- 1 Insert the disc.
- 2 Press **PLAY MODE** repeatedly until "CUSTOM INDEX" appears in the display. When using the remote, press **C.INDEX**.
- 3 Press **CHECK** repeatedly until the Custom Index number you want to erase flashes.
- 4 Press **ERASE** while the number is flashing to erase the Custom Index. (For CDP-XA7ES, use the remote.) The succeeding Custom Index numbers decrease by one.

### Storing Specific Tracks of a Disc (Delete Bank)

You can delete unwanted tracks and store only the tracks you want. You can start playing your favorite tracks without deleting tracks each time.



- 1 Insert the disc.
- 2 Delete tracks you don't want. Follow Steps 1 to 3 in "Playing Only Specific Tracks" on page 14.
- 3 Press **FILE** to store the remaining tracks. (For CDP-XA7ES, use the remote.) "DELETE" in the Custom File indication lights up in the display.

### Playing using the Delete Bank

- 1 Press PLAY MODE repeatedly until "SHUFFLE", "PROGRAM" and "CUSTOM INDEX" disappear from the display.  
When using the remote, press CONTINUE.  
The Delete Bank is recalled and the selected track numbers appear on the music calendar.
- 2 Press ► to start playing.

### To cancel playing using the Delete Bank

Press ■.

### To start playing using the Delete Bank again

While "PROGRAM" or "CUSTOM INDEX" appears in the display, press PLAY MODE repeatedly until these indications disappear from the display or until "SHUFFLE" appears in the display. The Delete Bank is recalled and you can start playing by pressing ►.

### You can play in a random order using the Delete Bank

In Step 1, press PLAY MODE repeatedly until "SHUFFLE" appears in the display (or press SHUFFLE on the remote).

### Erasing the Delete Bank

- 1 Insert the disc.
- 2 Press PLAY MODE repeatedly until "PROGRAM" and "CUSTOM INDEX" disappear from the display.  
When using the remote, press CONTINUE or SHUFFLE.  
The display shows the stored Delete Bank.
- 3 Press ERASE to erase the Delete Bank.  
"DELETE" in the Custom File indication disappears.

## 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.
- AC power cord must be changed only at the qualified service shop.

### 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 avoiding deterioration of sound quality (CDP-XA7ES/XA5ES only)

- Do not touch the lens inside.

### On using the stabilizer (CDP-XA7ES/XA5ES only)

- Be sure to use the supplied stabilizer. If you use any other stabilizer, you may damage the player.

### 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 inserting a disc

- You may hear a whistling sound from the player. This indicates that the player is automatically adjusting its internal mechanisms according to the inserted disc.

### 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.

### On transportation (CDP-XA7ES/XA5ES only)

- Be sure to remove the CD and the stabilizer.

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 DIGITAL OUT indicator on the player is turned off when making digital connections on CDP-XA7ES. Press DIGITAL OUTPUT to turn on the indicator.
- ➔ The BALANCED OUT switch on the rear is set to OFF when making balanced connections on CDP-XA7ES. Set the switch to ON.


### The CD does not play.

- ➔ There's no CD inside the player. Insert a CD.
- ➔ Use the stabilizer. (CDP-XA7ES/XA5ES only)
- ➔ Place the CD with the label side up on the disc tray correctly.
- ➔ Clean the CD (see page 22).
- ➔ Moisture has condensed inside the player. Remove the disc and leave the player turned on for about an hour (see page 21).

### 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.

## Specifications

### Compact disc player

Laser	Semiconductor laser
Wavelength	780 – 790 nm
Frequency response	2 Hz to 20 kHz $\pm$ 0.3 dB
Dynamic range	More than 100 dB
Harmonic distortion	CDP-XA7ES: Less than 0.0015% CDP-XA5ES: Less than 0.0017% CDP-XA3ES: Less than 0.0018%

### Outputs

#### CDP-XA7ES

	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
BALANCED OUT	XLR-3-32	2V (at 50 kilohms)	600 ohms
DIGITAL OUT (OPTICAL)	Optical output connector	-18 dBm	Wave length: 660 nm
DIGITAL OUT (COAXIAL)	Coaxial output connector	0.5Vp-p (75 ohms)	75 ohms
PHONES	Stereo phone jack	100 mW	32 ohms

#### CDP-XA5ES

	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
DIGITAL OUT (COAXIAL)	Coaxial output connector	0.5Vp-p (75 ohms)	75 ohms
PHONES	Stereo phone jack	28 mW	32 ohms

#### CDP-XA3ES

	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	28 mW	32 ohms

### General

#### Power requirements

Where purchased	Power requirements
Europe	220 V – 230 V AC, 50/60 Hz
U.S.A., Canada	120 V AC, 60 Hz
Australia	240 V AC, 50 Hz
Other countries	110 V – 120 V or 220 V – 240 V AC, adjustable, 50/60 Hz

#### Power consumption

CDP-XA7ES: 28 W  
CDP-XA5ES: 20 W  
CDP-XA3ES: 17 W (for Europe and Australia)  
19 W (for U.S.A. and Canada)

#### Dimensions (approx.) (w/h/d)

CDP-XA7ES: 430 × 125 × 375 mm (17 × 5 × 14 7/8 in.) incl. projecting parts  
CDP-XA5ES: 430 × 125 × 370 mm (17 × 5 × 14 5/8 in.) incl. projecting parts  
CDP-XA3ES: 430 × 125 × 345 mm (17 × 5 × 13 5/8 in.) incl. projecting parts

#### Mass (approx.)

CDP-XA7ES: 15.0 kg (33 lbs 1 oz)  
CDP-XA5ES: 13.5 kg (29 lbs 12 oz)  
CDP-XA3ES: 6.6 kg (14 lbs 9 oz)

### Supplied accessories

Audio cord (2 phono plugs – 2 phono plugs) (1)  
Remote commander (remote) (1)  
Sony SUM-3 (NS) batteries (2)  
Stabilizer (1) (CDP-XA7ES/XA5ES only)

Design and specifications are subject to change without notice.

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