

# *Portable CD Player*

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## Operating Instructions

### **About the area code**

The area code of the location in which you purchased the CD player is shown on upper left of the bar code label on the package.

For accessories supplied with your CD player, check the area code of your model and see "Accessories (supplied/optional)."



*D-E01*

*D-EJ01*

## 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.

### CAUTION

The use of optical instruments with this product will increase eye hazard.

### Owner's Record

The model number is located at the rear and the serial number is located in the battery compartment. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

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

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

Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.

### For the customers in the USA and Canada

#### DISPOSAL OF NICKEL METAL HYDRIDE BATTERY.

#### NICKEL METAL HYDRIDE BATTERY. DISPOSE OF PROPERLY.

You can return your unwanted nickel metal hydride batteries to your nearest Sony Service Center or Factory Service Center.

**Note:** In some areas the disposal of nickel metal hydride batteries in household or business trash may be prohibited.

For the Sony Service Center nearest you call 1-800-222-SONY (United States only)

For the Sony Factory Service Center nearest you call 416-499-SONY (Canada only)

**Caution:** Do not handle damaged or leaking nickel metal hydride battery.

## INFORMATION

Listening for many hours at maximum volume may damage your hearing.

### For the customers in the USA

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.

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

### For the customers in Australia

The supply cord of the AC power adaptor cannot be replaced; if the cord is damaged, the AC power adaptor should be discarded.

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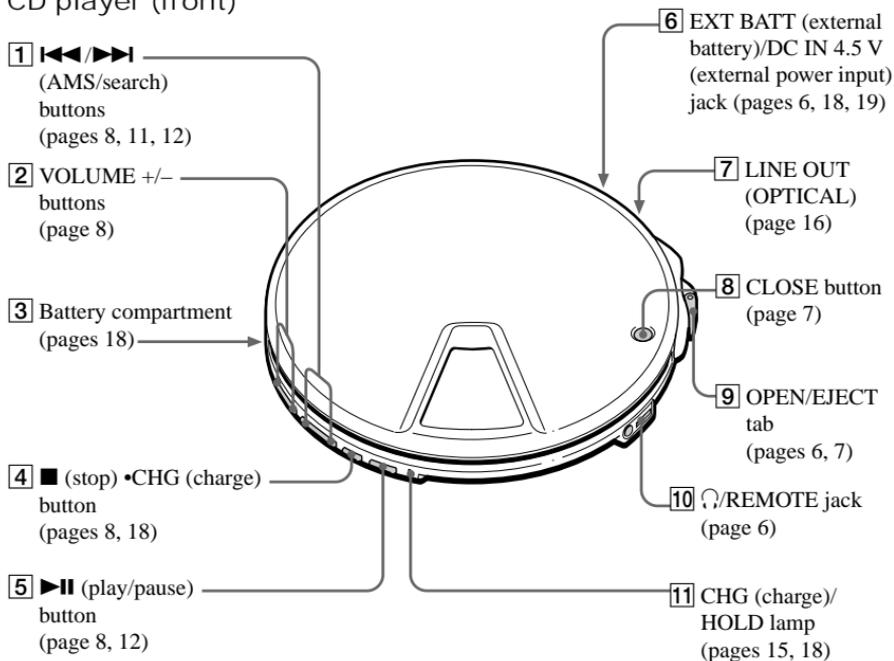
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# Getting started

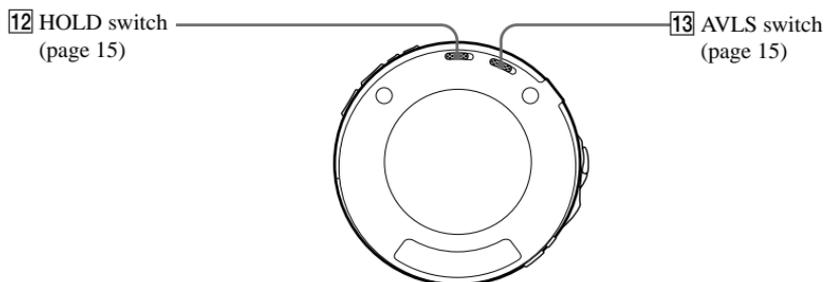
## Locating the Controls

For details, see pages in parentheses.

### CD player (front)



### CD player (rear)



## Remote control

**(Front)****15** LIGHT button

Press to illuminate the display on the remote control for about 5 seconds when using the player on the rechargeable batteries or alkaline batteries.

**14** ■ (stop)•CHG (charge) button  
(pages 8, 18)

**16** Display  
(pages 9, 11 - 15)

**17** DISPLAY button  
(page 13, 14)

**18** VOLUME +/- buttons (page 8)

**19** Jog lever

▶▶: play/pause (pages 8, 12)

◀◀/▶▶: AMS/search  
(pages 8, 11, 12)

**(Rear)**

**20** REPEAT/ENTER button (pages 10 - 12)

**23** Clip  
You can turn and change the angle of the clip.

**21** PLAY MODE button  
(pages 10 - 12)

**24** HOLD switch  
(page 15)

**22** SOUND button  
(page 14)

**Note**

Use only the supplied remote control. You cannot operate this CD player with the remote control supplied with other CD players.

# Playing a CD

You can also use rechargeable batteries, dry batteries and a car battery as a power source.

## 1. Connect your CD player.

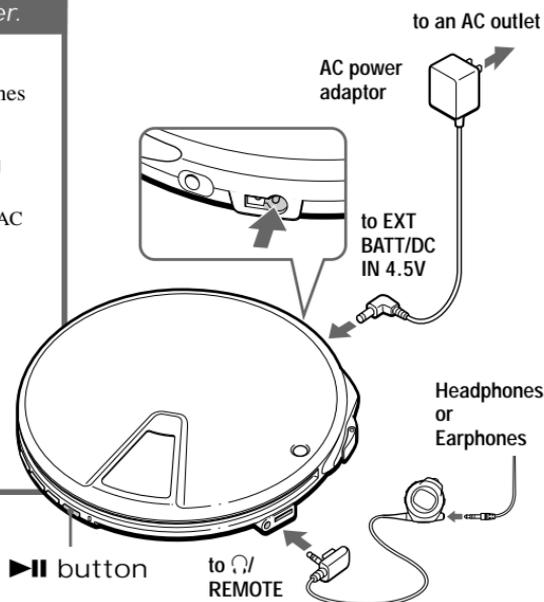
- 1 Connect the AC power adaptor.
- 2 Connect the headphones/earphones with remote control.

### For models supplied with the AC plug adaptor

If the AC power adaptor does not fit the AC outlet, use the AC plug adaptor.

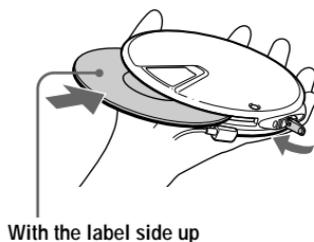
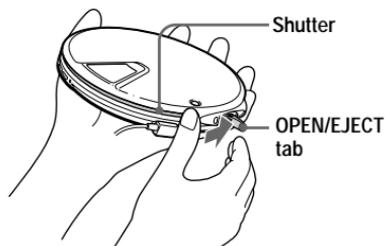
### For models supplied with the remote control.

- Connect the plug of the headphones/earphones to the remote control.
- Connect the headphones/earphones to the remote control firmly. A loose connection may cause noise during playback.



## 2. Insert a CD.

- 1 Pull out the OPEN/EJECT tab.
- 2 Slide the tab to open the shutter of the CD compartment.
- 3 Insert the CD into the slot with the label side up, and push it in. The shutter closes automatically.
- 4 Push back the OPEN/EJECT tab.



## Playing an 8-cm (3-inch) CD

(for the customers having purchased JE.W, HK2, CN2 and E13 models)

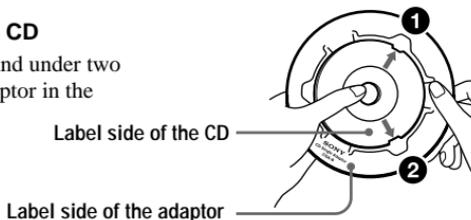
You cannot play an 8-cm CD on this CD player without using an adaptor. Make sure to attach an 8-cm CD adaptor to the CD before inserting it into the player.

- **Do not insert an 8-cm CD only into the slot.**
- **Do not insert an 8-cm CD adaptor CSA-8 only into the slot.**

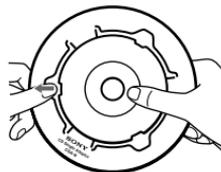
If you do, try to remove it by turning the slot side down and shaking the player. In some cases you will not be able to remove it.

### Attaching an adaptor to an 8-cm CD

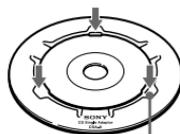
- 1 Slide the CD into the inner groove and under two of the tabs on the inner circle of adaptor in the numbered order.



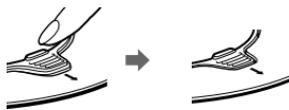
- 2 Pull the third tab out away from the CD and the CD will slip into place. Release the third tab and the CD will be held firmly in place.



- 3 Check that all the tabs are even with the surface of the adaptor. Also check that the CD is set correctly in the grooves of the adaptor.

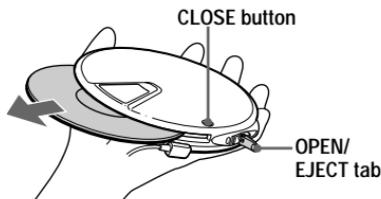


If the tabs protrude, press them back down into place. Otherwise, the player may malfunction.



### Removing the CD

- 1 Press ■•CHG to stop playing the CD.
- 2 Pull out the OPEN/EJECT tab and slide it. The CD appears from the slot.
- 3 Remove the CD, and press the CLOSE button to close the shutter of the CD compartment.
- 4 Push back the OPEN/EJECT tab.

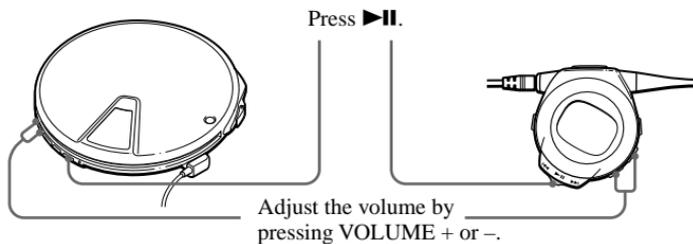


#### Note

If you pull out the OPEN/EJECT tab without pressing ■•CHG in step 1, the CD may be damaged or malfunction may occur.

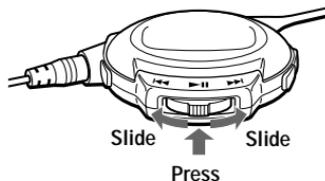
(Continued)

### 3. Play a CD.



### Using the remote control

The lever marked with ◀◀-▶▶-▶▶ is the jog lever. Press or slide the lever to operate your CD player.



To	Do this
Play/Pause	Press the jog lever toward ►  .
Stop	Press ■•CHG.*2
Find the beginning of the current track (AMS*1)	Slide the jog lever toward ◀◀ once.*2
Find the beginning of the previous tracks (AMS)	Slide the jog lever toward ◀◀ repeatedly.*2
Find the beginning of the next track (AMS)	Slide the jog lever toward ▶▶ once.*2
Find the beginning of the succeeding tracks (AMS)	Slide the jog lever toward ▶▶ repeatedly.*2
Go backwards quickly	Slide and hold the jog lever toward ◀◀.*2
Go forward quickly	Slide and hold the jog lever toward ▶▶.*2

\*1 Automatic Music Sensor

\*2 These operations can be done during both play and pause.

## About the display

- When you press ►|| after changing the CD or turning off and on the player, the total number of tracks in the CD and total playing time appear for about two seconds.
- During play, the track number and the elapsed playing time of the current track appear.
- During play of a CD containing text information, the disc name, artist name and the elapsed playing time of the current track appear. For details, see “Displaying CD text information”.
- Between tracks, the time to the beginning of the next track appears with the “-” indication.
- During pause, the elapsed playing time flashes.

## If the volume level does not increase

Is AVLS set to “LIMIT”? Set AVLS to “NORM.” For details, see “Protecting your hearing (AVLS).”

## Playback starts from the point you stopped

Your CD player can recall the playback point where you stopped and then resume playing from the same place (resume function). There is no ON/OFF switch of the resume function on this CD player.

# Playback options

You can enjoy various ways of playback using PLAY MODE and REPEAT/ENTER.

## PLAY MODE button

Each time you press the button, you can change the playback mode.

“No indication”  
(Normal play)

↓  
“1”  
(Play a single track)

↓  
“SHUF”  
(Play tracks in random order)

↓  
“PGM”  
(Play tracks in your favorite order)

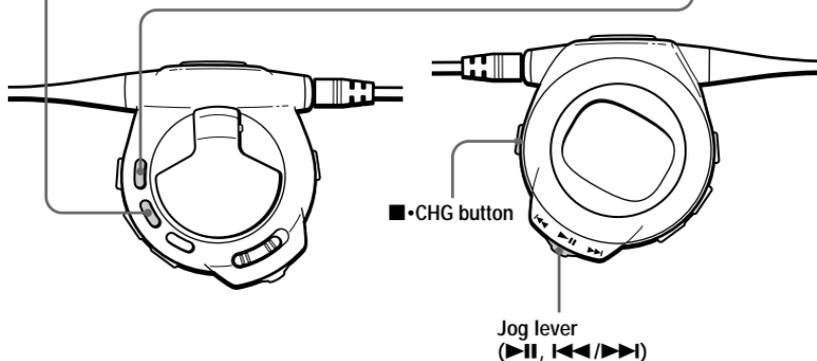
## REPEAT/ENTER button

### REPEAT

You can repeat play that is selected using PLAY MODE.

### ENTER

You can select tracks for PGM play mode.



## Playing tracks repeatedly (Repeat play)

You can play tracks repeatedly in normal, single, shuffle and PGM play modes.

During playback, press REPEAT/ENTER.



### Note on I◀◀/▶▶I

During Repeat play, you can locate the first track after the last track by pressing ▶▶I repeatedly. You can also locate the last track after first track by pressing I◀◀ repeatedly.

## Playing a single track (Single play)

During playback, press PLAY MODE repeatedly until “1” appears.



## Playing tracks in random order (Shuffle play)

During playback, press PLAY MODE repeatedly until “SHUF” appears.



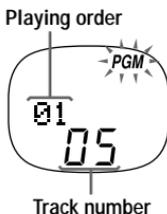
## Playing tracks in your favorite order (PGM play)

You can program the CD player to play up to 64 tracks in your favorite order.

- 1 During playback, press PLAY MODE repeatedly until "PGM" appears.**



- 2 Press ◀◀ or ▶▶ to select a track.**



- 3 Press REPEAT/ENTER to enter the selected track.**  
"00" appears and the playing order increases by one.



- 4 Repeat steps 2 and 3 to select the tracks in your favorite order.**

- 5 Press ▶▶ to start the PGM play.**

To check the program

### During programming:

Press REPEAT/ENTER repeatedly before step 5.

### During the PGM play:

Press PLAY MODE repeatedly until "PGM" flashes, then press REPEAT/ENTER. Each time you press REPEAT/ENTER, the track number appears.

### Notes

- When you finish entering the 64 track in step 3, the first selected track appears in the display.
- If you select more than 64 tracks, the first selected tracks are erased.

## G-PROTECTION function

The G-PROTECTION function has been developed to provide excellent protection against sound skipping while jogging. This function provides a higher level of shock protection than the traditional one. While jogging, be sure to hold your CD player with the /REMOTE jack facing upward.

There is no ON/OFF switch of the G-PROTECTION function on this CD player and its remote control. You can always enjoy high quality CD sound using the G-PROTECTION function.

### Note

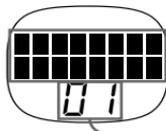
Sound may skip if:

- the CD player receives stronger continuous shock than expected or
- a dirty or scratched CD is played.

## Displaying CD text information

When you play a CD containing CD text information, the disc name, artist name, elapsed playing time, etc., appear in the display.

### Display on the remote control



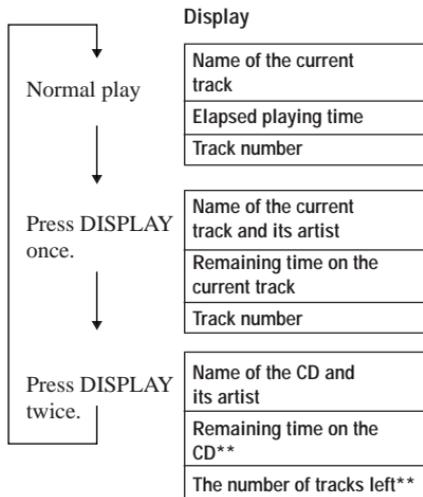
CD text appears in this portion.\*

"Track number" or "the number of tracks left" appears.

\* While the CD player is reading the information on the CD, "READING" appears.

### Press DISPLAY.

Each time you press the button, the display changes as follows:



\*\* Not displayed during Single play, Shuffle play or PGM play.

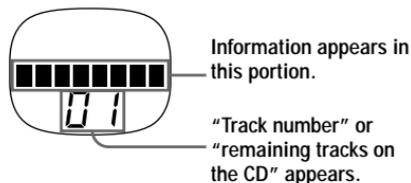
### Note

CD text displayed on this CD player is in English only.

## Checking the remaining time on the CD and the number of tracks left

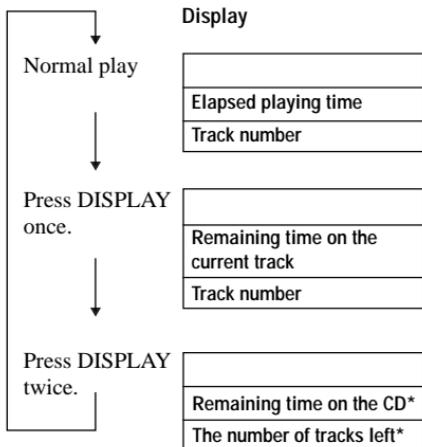
You can check the remaining time on the CD and the number of tracks left using DISPLAY.

Display on the remote control



### Press DISPLAY.

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

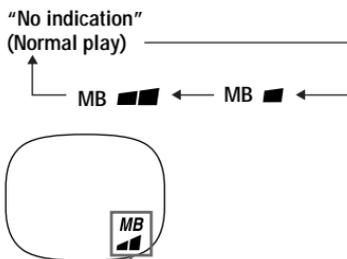


\* Not displayed during Single play, Shuffle play or PGM play.

## Emphasizing the bass sound (SOUND)

You can emphasize the bass-boosted sound.

Press **SOUND** to select “MB ■ (Mega Bass)” or “MB ■■ .”



The selected sound mode is displayed.

“MB ■■ ” enhances the bass sound more than “MB ■”.

### Note

If the sound is distorted when using the SOUND function, turn down the volume.

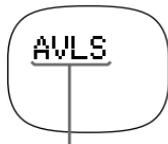
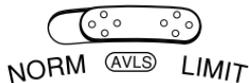
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## Protecting your hearing (AVLS)

The AVLS (Automatic Volume Limiter System) function keeps down the maximum volume to protect your hearing.

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### Set AVLS to "LIMIT."



Displayed when the volume is turned up and beyond a certain level.

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### To turn off the AVLS function

Set AVLS to "NORM."

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## Locking the controls (HOLD)

You can lock the controls on your CD player to prevent accidental button presses.

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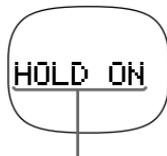
### Slide HOLD in the direction of the arrow.

CD player



CHG/HOLD lamp flashes while the HOLD function is working.

Remote control



Displayed when the HOLD function is working.

You can use the HOLD function with both the CD player and remote control. You can still operate your CD player using the remote control when HOLD on the remote control is set to off.

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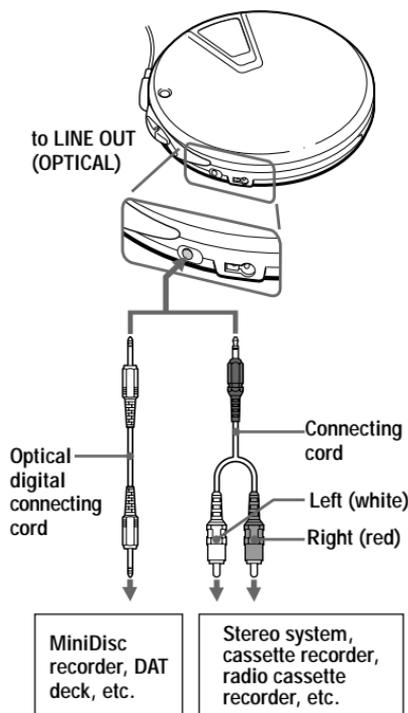
### To unlock the controls

Slide HOLD in the opposite direction of the arrow.

## Connecting a stereo system

You can listen to CDs through a stereo system and record CDs on a cassette tape and a MiniDisc. For details, see the instruction manual that comes with the connected device.

Be sure to turn off all connected devices before making connections.



## Notes

- Before you play a CD, turn down the volume of the connected device to avoid damaging the connected speakers.
- Use the AC power adaptor for recording. If you use the rechargeable batteries or dry batteries as a power source, batteries may become completely depleted during recording.
- Adjust the volume properly on the connected device so that the sound will not be distorted.

## When using the connecting cord

- You cannot adjust the volume of the headphones/earphones on the CD player or the remote control.
- If the sound is distorted, connect the device to the  $\Omega$ /REMOTE jack.

## When using the optical digital connecting cord

To record a CD on a MiniDisc, DAT, etc., make sure that the CD player is in pause before operating the recording procedures.

## About the SOUND functions when using the connecting cord

See the following table for valid functions according to the types of connecting cord:

	SOUND
Connecting cord	No
Optical digital connecting cord	Yes*

\* Functions only on the output sound from the  $\Omega$ /REMOTE jack; does not function on the output sound from the LINE OUT (OPTICAL) jack.

## Using your CD player in a car

You can use your CD player in a car by connecting it to the car cassette deck.

You cannot use the car mount plate for this CD player.

When you use your CD player in a car, install it securely in a location that does not interfere with your driving.

### Optional car accessory needed

To connect your CD player to a car cassette deck, you need the following car accessories in "Accessories (supplied/optional)":

- Car battery cord, and
- Car connecting pack\*

For details, see the instruction manuals that come with the optional accessories.

\* Noise may be heard if you use an optional connecting cord. It is recommended that you use a Sony car connecting pack to reduce noise.

### Switched ignition function (when using the car battery cord)

With this feature, your CD player stops automatically when you turn off the car engine (turn off the ignition key) even if the batteries are inserted in the CD player. This function is invalid depending on the car models.

#### Note

Use only the car battery cord listed in "Accessories (supplied/optional)." If you use any other car battery cord, a heat, smoke or malfunction may occur.

## Connecting a power source

You can use the following power sources:

- Rechargeable batteries
- AC power adaptor (see “Playing a CD”)
- LR6 (size AA) alkaline batteries (battery case)

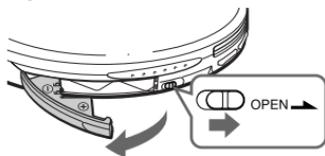
For the battery life and charging time of the rechargeable batteries, see “Specifications.”

### Using the rechargeable batteries

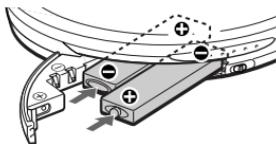
Charge the rechargeable batteries before using them for the first time. You can use only the following rechargeable batteries for your CD player.

- NH-14WM (supplied)

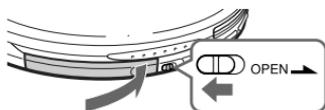
- 1** Slide **OPEN** in the direction of the arrow to open the battery compartment lid.



- 2** Insert two rechargeable batteries by matching the  $\oplus$  and  $\ominus$  to the diagram on the lid and close the lid.

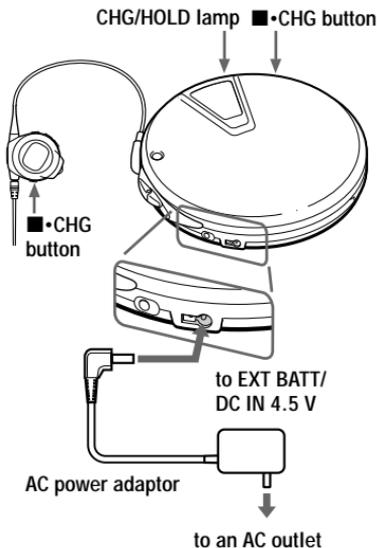


- 3** Slide **OPEN** in the opposite direction of the arrow to lock the lid.



- 4** Connect the AC power adaptor to the **EXT BATT/DC IN 4.5 V** jack of your CD player and an AC outlet, then press **■•CHG** to start charging.

If the AC power adaptor does not fit the AC outlet, use the AC plug adaptor.



The CD player charges the batteries. The indicator sections of  in the display of the remote control light up in succession and the CHG/HOLD lamp lights up.

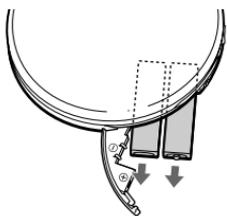
When the batteries are completely charged, all indications in the display disappear and the CHG/HOLD lamp goes off.

If you press **■•CHG** after the charge has already been completed, the  indicator and “FULL” appear in the display and the CHG/HOLD lamp flashes.

- 5** Disconnect the AC power adaptor.

## To remove the rechargeable batteries

Remove the batteries as illustrated below.



## When to charge the rechargeable batteries

When the batteries become weak, “Lo batt” appears in the display with the beep sound. To keep the original battery capacity for a long time, charge the batteries only when they are completely depleted.

## When to replace the rechargeable batteries

If the battery life becomes shorter by about half, replace the batteries with new rechargeable batteries.

## Note on the rechargeable batteries

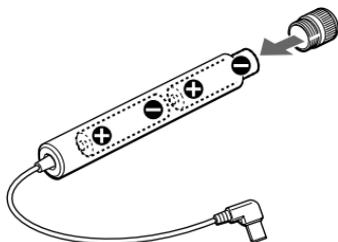
If the battery is new or has not been used for a long time, it may not be charged completely until you charge and discharge it several times.

## Using dry batteries

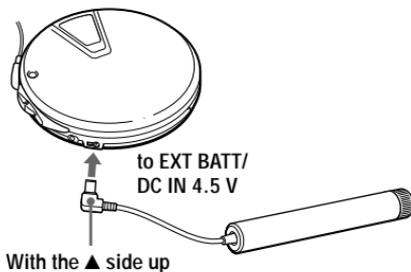
Make sure to use the supplied battery case. Use only the following dry battery type for your CD player:

- LR6 (size AA) alkaline batteries

- 1 Remove the cap of the battery case, and insert two LR6 (size AA) alkaline batteries by matching the ⊕ to the diagram outside the battery case and close the cap of the battery case.**



- 2 Connect the battery case to the CD player.**



(Continued)

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## Using dry batteries

### When to replace the batteries

When the batteries become weak, “Lo batt” appears in the display with the beep sound.

Replace both batteries with new ones.

The batteries in the CD player and battery case are discharged simultaneously.

### Notes

- Be sure to remove the AC power adaptor when attaching the battery case.
- When using the rechargeable batteries and dry batteries together to extend power, use fully charged rechargeable batteries and new dry batteries.
- Do not remove the sheet from inside the battery case.

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## Notes on the power source

Disconnect all power sources when the CD player is not used.

### On AC power adaptor

- Use only the AC power adaptor supplied or recommended in “Accessories (supplied/optional).” Do not use any other AC power adaptor. It may cause a malfunction.

#### Polarity of the plug



- When disconnecting the AC power adaptor from the AC outlet, grasp the adaptor itself. Do not pull it by the cord.
- Do not touch the AC power adaptor with wet hands.

## On rechargeable batteries and dry batteries

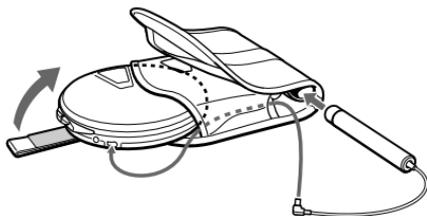
- Do not charge the dry batteries.
- Do not throw the batteries into fire.
- Do not carry the batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally contacted by a metallic object.
- Do not mix rechargeable batteries with dry batteries.
- Do not mix new batteries with old ones.
- Do not use different types of batteries together.
- When the batteries are not to be used for a long time, remove them.
- If battery leakage occurs, wipe off any deposit in the battery compartment, and install new batteries. In case the deposit adheres to you, wash it off thoroughly.

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## Using the carrying case

You can carry your player and its battery case together using the supplied carrying case.

Insert them into the proper places in the case as illustrated below.



### Precautions

#### On safety

- Should any solid objects or liquid fall into the CD player, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack.

#### On the CD player

- Keep the shutter of the CD player closed except when inserting or removing the CD so that the dust will not damage the player.
- If the slot for inserting CD is soiled with dust, etc., the CD may be damaged. Clean it carefully before inserting the CD.
- Do not put any heavy object on top of the CD player. The CD player and the CD may be damaged.
- Do not leave the CD player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unlevelled surface, or in a car with its windows closed.
- If the CD player causes interference to the radio or television reception, turn off the CD player or move it away from the radio or television.

#### On handling CDs

- To keep the CD clean, handle it by its edge. Do not touch the surface.
- Do not stick paper or tape onto the CD.



Not these ways

- Do not expose the CD to direct sunlight or heat sources such as hot air ducts. Do not leave the CD in a car parked under direct sunlight.
- Do not use the CD soiled with dust. Malfunction may occur.

#### On headphones/earphones

##### Road safety

Do not use headphones/earphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

##### Preventing hearing damage

Avoid using headphones/earphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

##### Consideration for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

### Maintenance

#### To clean the casing

Use a soft cloth slightly moistened in water or a mild detergent solution. Do not use alcohol, benzine or thinner.

# Troubleshooting

Should any problem persist after you have checked these symptoms, consult your nearest Sony dealer.

Symptom	Cause and/or corrective actions
The volume does not increase even if you press the VOLUME + button repeatedly.	<ul style="list-style-type: none"><li>→ Set the AVLS switch to "NORM." (page 15)</li><li>→ The headphones/earphones are connected to the LINE OUT (OPTICAL) jack. Connect them to the /REMOTE jack. (page 6)</li></ul>
No sound, or noise is heard.	<ul style="list-style-type: none"><li>→ Connect the plugs firmly. (page 6)</li><li>→ Plugs are dirty. Clean the plugs with a dry soft cloth periodically.</li></ul>
The playing time is too short when powered with the dry batteries.	<ul style="list-style-type: none"><li>→ Check that you are using alkaline batteries and not manganese batteries. (page 19)</li><li>→ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 19)</li></ul>
The playing time is too short when powered with the rechargeable batteries.	<ul style="list-style-type: none"><li>→ Charge and discharge the rechargeable batteries several times. (pages 18, 19)</li></ul>
When you press ►  , "Lo batt" or "00" appears in the display. The CD does not play.	<ul style="list-style-type: none"><li>→ The rechargeable batteries are used up completely. Charge the batteries. (page 18)</li><li>→ Replace the batteries with new LR6 (size AA) alkaline batteries. (page 19)</li></ul>
"Hi DCin" appears in the display.	<ul style="list-style-type: none"><li>→ Use only the AC power adaptor or car battery cord in "Accessories (supplied/optional)." (page 25)</li><li>→ Remove all power sources, then insert the batteries or connect the AC power adaptor again. (pages 6, 18, 19)</li></ul>
The CD does not play or "Nodisc" appears in the display when a CD is placed in the CD player.	<ul style="list-style-type: none"><li>→ The CD is dirty or defective. (page 21)</li><li>→ Check that the CD is inserted with the label side up. (page 6)</li><li>→ The CD is not inserted securely. Remove it and reinsert it.</li><li>→ Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates.</li><li>→ Close the lid of the battery compartment firmly. (page 18)</li><li>→ Make sure the batteries are inserted correctly. (pages 18, 19)</li><li>→ Connect the AC power adaptor to an AC outlet securely. (page 6)</li></ul>
CHG/HOLD lamp flashes when you press a button, and the CD does not play.	<ul style="list-style-type: none"><li>→ The buttons are locked. Slide the HOLD switch back. (page 15)</li></ul>

Symptom	Cause and/or corrective actions
Cannot adjust the volume with the VOLUME +/- buttons on the CD player.	→ The CD player is connected to an audio device. Adjust the volume using the volume control on the connected device. (page 16)
During recording with optical digital connection, the track number cannot be recorded correctly.	<ul style="list-style-type: none"> <li>→ Record the track number again using the MiniDisc recorder, DAT recorder, etc. (page 16)</li> <li>→ See the instruction manual that comes with the recording device. (page 16)</li> </ul>
The CD player does not start charging.	→ During stop, press ■•CHG. (page 18)

# Specifications

## System

Compact disc digital audio system

## Laser diode properties

Material: GaAlAs

Wavelength:  $\lambda = 780$  nm

Emission duration: Continuous

Laser output: Less than 44.6  $\mu$ W

(This output is the value measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

## D-A conversion

1-bit quartz time-axis control

## Frequency response

20 - 20,000 Hz  $^{+1}_{-2}$  dB (measured by EIAJ CP-307)

## Output (at 4.5 V input level)

Line output (stereo minijack)

Output level 0.7 V rms at 47 kilohms

Recommended load impedance over 10 kilohms

Headphones (stereo minijack)

Approx. 15 mW + Approx. 15 mW at 16 ohms

(Approx. 0.3 mW + Approx. 0.3 mW at 16 ohms)\*

\*For the customers in France

Optical digital output (optical output connector)

Output level: -21 - -15 dBm

Wavelength: 630 - 690 nm at peak level

## Power requirements

For the area code of the model you purchased, check the upper left side of the bar code on the package.

- Two Sony NH-14WM rechargeable batteries: 2.4 V DC
- Two LR6 (size AA) batteries: 3 V DC

- AC power adaptor (DC IN 4.5 V jack):  
U2/CA2/E92/MX2 model: 120 V, 60 Hz  
CED/CET/CEW/CEX/CE7/EE/EE1/E13/G5/  
G6/G7/G8 model:  
220 - 230 V, 50/60 Hz  
CEK/3CE7 model: 230 - 240 V, 50 Hz  
EA3 model: 110 - 240 V, 50/60 Hz  
AU2 model: 240 V, 50 Hz  
JE.W/E33 model: 100 - 240 V, 50/60 Hz  
HK2 model: 220 V, 50/60 Hz  
AR1/CN2 model: 220 V, 50 Hz
- Sony DCC-E245 car battery cord for use on car battery: 4.5 V DC

## Battery life\* (approx. hours)

(When you use the CD player on a flat and stable surface.)

Playing time varies depending on how the CD player is used.

Two NH-14WM (charged for about 4 hours**)	25
Battery case (two alkaline batteries)	40
Rechargeable batteries NH-14WM and battery case (two alkaline batteries)	62

\* Measured value by the standard of EIAJ  
(Electronic Industries Association of Japan).

\*\* Charging time varies depending on how the rechargeable battery is used.

## Operating temperature

5°C - 35°C (41°F - 95°F)

## Dimensions (w/h/d) (excluding projecting parts and controls)

Approx. 132 × 19.5 × 136 mm  
(5 1/4 × 25/32 × 5 3/8 in.)

## Mass (excluding rechargeable batteries)

Approx. 220 g (7.8 oz)

Design and specifications are subject to change without notice.

## Accessories (supplied/optional)

### Supplied accessories

For the area code of the location in which you purchased the CD player, check the upper left side of the bar code on the package.

- AC power adaptor (1)
- Headphones/earphones with remote control (1)
- Rechargeable batteries (2)
- Battery carrying case (2)
- Carrying case (1)
- Battery case (1)
- 8-cm CD adaptor (1)\*
- AC plug adaptor (1)\*\*

\* Supplied with JE.W, E13, HK2, and CN2 models

\*\* Supplied with JE.W model only

### For US customers

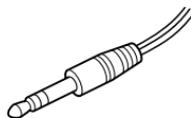
The AC power adaptor supplied is not intended to be serviced. Should the AC power adaptor cease to function in its intended manner, during the warranty period, the adaptor should be returned to your nearest Sony Service Center or Sony Authorized Repair Center for replacement, or after warranty period, it should be discarded.

## Optional accessories

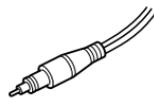
AC power adaptor	AC-E45HG
Active speaker system	SRS-Z1 SRS-Z1000
Car battery cord	DCC-E245
Car battery cord with car connecting pack	DCC-E26CP
Car connecting pack	CPA-9
Connecting cord	RK-G129HG RK-G136HG
Optical digital connecting cord	POC-5B POC-10B POC-15B POC-5AB POC-10AB POC-15AB
Rechargeable battery	NH-9WM
Earphones	MDR-E888LP MDR-EX70LP

### When connecting optional headphones/earphones to the supplied remote control

Use only headphones with stereo mini plugs. You cannot use headphones with micro plugs.



Stereo miniplug



Micro plug

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information about the accessories in your country.





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Sony  line <http://www.world.sony.com/>

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Sony Corporation Printed in Japan

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