

Portable CD Player

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)."



"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products.  is a trademark of Sony Corporation.

D-EJ2000

WARNING

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

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To prevent fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And don't place lighted candles on the apparatus.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

CAUTION

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

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

CAUTION

- INVISIBLE LASER RADIATION WHEN OPEN
- DO NOT STARE INTO BEAM OR VIEW DIRECTLY WITH OPTICAL INSTRUMENTS

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

Owner's Record

The model number is located at the rear and the serial number is located inside the lid of the CD player. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. D-EJ2000

Serial No. _____

For the customers in the USA and Canada

RECYCLING NICKEL METAL HYDRIDE BATTERIES

Nickel Metal Hydride batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.



For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbrg.org>.

Caution: Do not handle damaged or leaking Nickel Metal Hydride batteries.

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.

Product registration

For the customers in the USA

Please register this product on line at www.sony.com/productregistration.
<<http://www.sony.com/productregistration>>

Proper registration will enable us to send you periodic mailings about new products, services, and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you.

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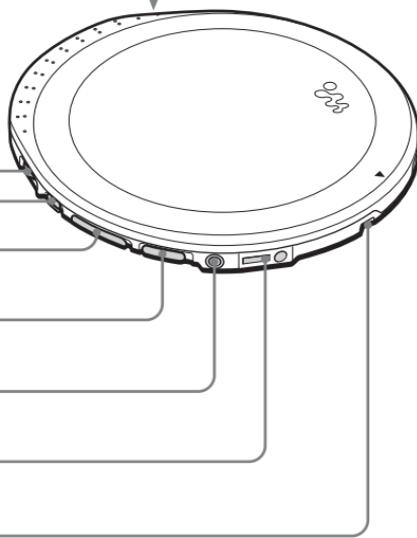
Getting started

Locating the controls

For details, see pages in parentheses.

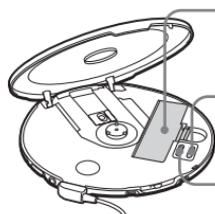
CD player (front)

- 1** EXT BATT (external battery)/
DC IN 3 V (external power input) jack
(pages 7, 20, 22)
- 2** Jog lever (▶▶ (play/pause) •
◀◀/▶▶ (AMS/search))
(pages 7, 8, 12, 13)
- 3** ■ (stop) /CHARGE button •
CHARGE lamp
(pages 8, 16, 17, 19, 20)
- 4** OPEN switch
(page 7)
- 5** VOL (volume) +*/- control
(page 8)
- 6** LINE OUT (OPTICAL) jack
(page 18)
- 7** 🎧 (headphones) jack
(page 7)
- 8** Terminal for the charging stand
(page 19)



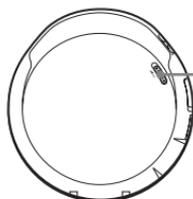
CD player (inside)

- 9** Battery compartment
(page 19)
- 10** G-PROTECTION switch
(page 14)
- 11** AVLS switch
(page 16)

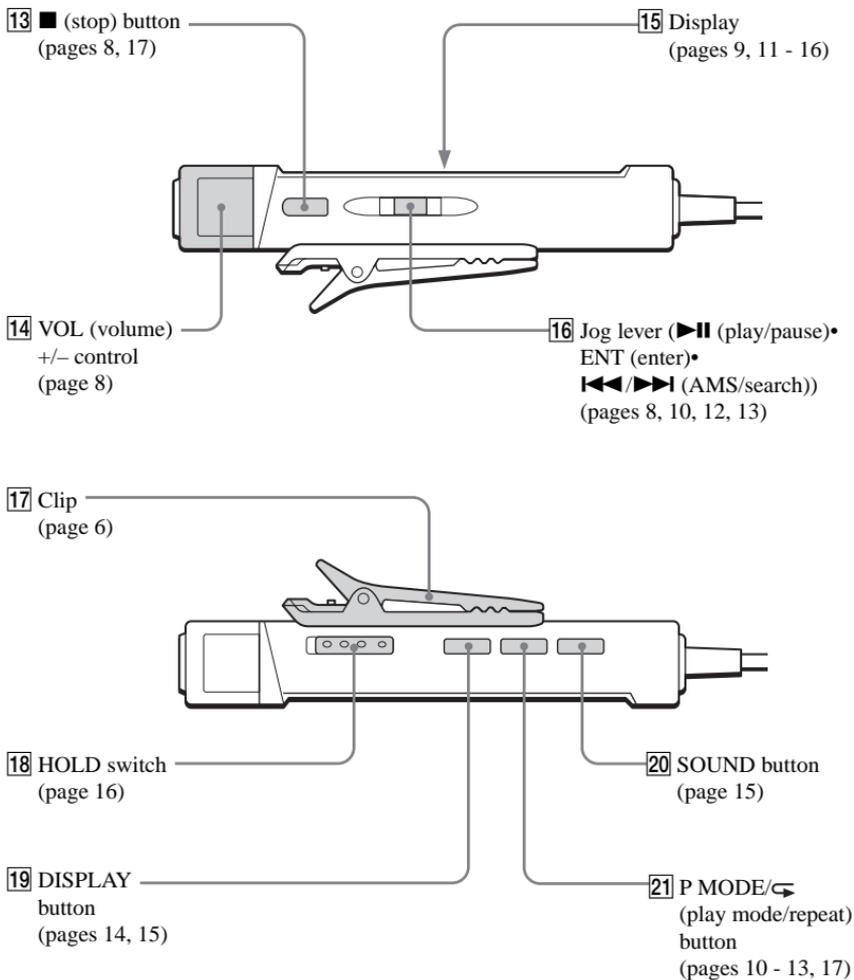


CD player (rear)

- 12** HOLD switch
(page 16)



Remote control

**Note**

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

(Continued)

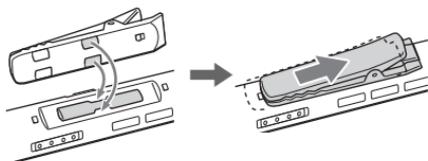
To use the clip on the remote control

You can remove the clip from the remote control and change the direction of the clip.

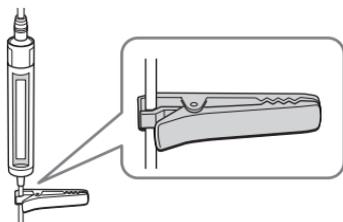
To remove



To attach in the reverse direction



You can pass the cord of the remote control through its clip.



Using the carrying pouch

You can carry your player and its battery case together using the supplied carrying pouch. Insert them into the proper places in the pouch as illustrated below.



Playing a CD

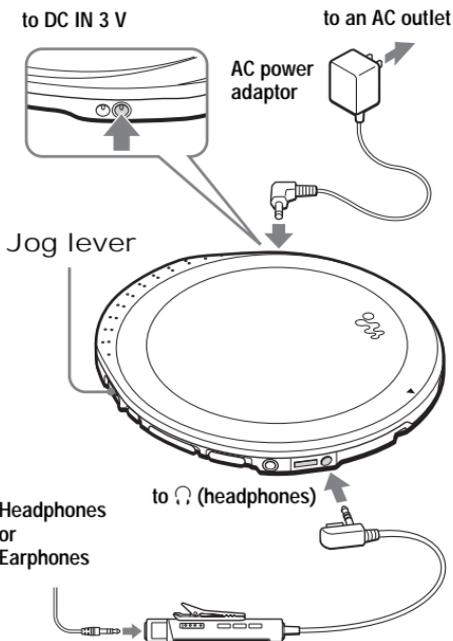
You can also use a rechargeable battery or a dry battery as a power source.

1. Connect your CD player.

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

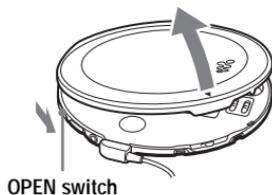
For models supplied with the remote control

- 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.

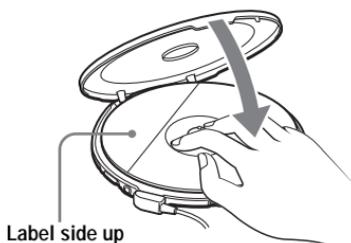


2. Insert a CD.

- 1 Slide OPEN to open the CD player lid.



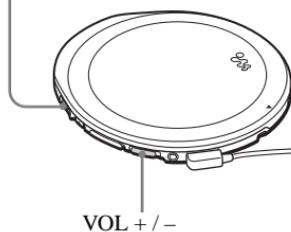
- 2 Place the CD on the tray and close the lid.



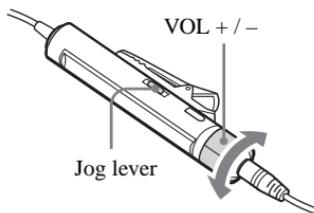
(Continued)

3. Play a CD.

Jog lever



- 1 Press the jog lever.
- 2 Adjust the volume by flicking VOL +/-.



- 1 Press the jog lever.
- 2 Adjust the volume by turning VOL +/-.

To	Do this
Play (from the point you stopped)	Press the jog lever. Playback starts from the point you stopped.
Play (from the first track)	While the CD player is stopped, press and hold the jog lever until the play of the first track starts.
Pause/resume play after pause	Press the jog lever.
Stop	Press ■ (■ /CHARGE for the CD player). ^{*2}
Find the beginning of the current track (AMS ^{*1})	Flick the jog lever toward ⏮ once. ^{*2}
Find the beginning of the previous tracks (AMS)	Flick the jog lever toward ⏮ repeatedly. ^{*2, *3}
Find the beginning of the next track (AMS)	Flick the jog lever toward ⏭ once. ^{*2, *3}
Find the beginning of the succeeding tracks (AMS)	Flick the jog lever toward ⏭ repeatedly. ^{*2, *3}
Go backwards quickly	Hold the jog lever toward ⏮ . ^{*2}
Go forward quickly	Hold the jog lever toward ⏭ . ^{*2}

^{*1} Automatic Music Sensor

^{*2} These operations can be done during both play and pause.

^{*3} After you have played the last track, you can return to the beginning of the first track by flicking the jog lever toward **⏭**. Similarly, if you are at the first track, you can locate the last track by flicking the jog lever toward **⏮**.

About the display

- When you press the jog lever 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 pause, the elapsed playing time flashes.

If the volume level does not increase

- If AVLS is set to “LIMIT”, set it to “NORM.” For details, see “Protecting your hearing (AVLS).”
- If the headphones are connected to the LINE OUT (OPTICAL) jack, connect them to the  (headphones) jack.

About CD-Rs/CD-RWs

This CD player can play CD-Rs/CD-RWs recorded in the CD-DA format*, but playback capability may vary depending on the quality of the disc and the condition of the recording device.

* CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for the Audio CDs.

Music discs encoded with copyright protection technologies

This product is designed to play back discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

Removing the CD

Remove the CD while pressing the pivot in the center of the tray.



Playback options

You can enjoy various playback options using the P MODE/↶ (play mode/repeat) button and the jog lever.

P MODE/↶ button

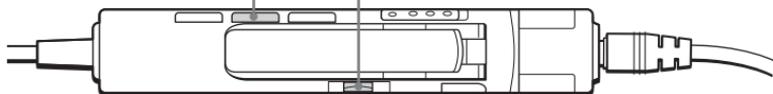
If you press the button during playback, you can change the play mode.

During playback, if you press and hold the button until "↶" appears, you can repeat play mode that was selected using P MODE/↶.

- No indication
(Normal play)
- ↓
- "1"
(Play a single track)
- ↓
- "SHUF"
(Play tracks in random order)
- ↓
- "🚩"
(Play tracks with Bookmarks)
- ↓
- "PGM"
(Play tracks in your favorite order)

Jog lever

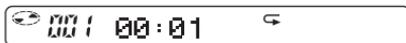
- **Press**
You can add Bookmarks to the tracks.
You can also enter the selected tracks for PGM play.
- **Flick toward ▶▶ or ◀◀**
You can select tracks for PGM play mode.



Playing tracks repeatedly (Repeat play)

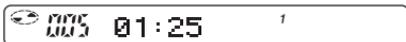
You can play tracks repeatedly in normal, single, shuffle, Bookmarked track and PGM play modes.

During playback, press and hold
P MODE/↵ until “↵” appears.



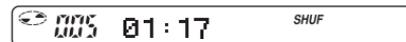
Playing a single track (Single play)

During playback, press P MODE/↵
repeatedly until “1” appears.



Playing tracks in random order (Shuffle play)

During playback, press P MODE/↵
repeatedly until “SHUF” appears.

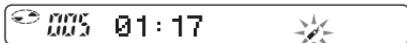


Playing your favorite tracks by adding Bookmarks **(Bookmarked track play)**

You can add Bookmarks to up to 99 tracks for each CD. You can use this function for up to 10 CDs.

To add Bookmarks

- 1 During playback of the track where you want to add a Bookmark, press and hold the jog lever until “ (Bookmark)” flashes in the display.



When the Bookmark has been added successfully, flashing of “” becomes slow.

- 2 Repeat step 1 to add Bookmarks to the tracks you want.

To listen to the tracks with Bookmarks

- 1 Press P MODE/ repeatedly until “” flashes.
- 2 Press the jog lever.
“” lights up in the display and the playback of the tracks with Bookmarks starts.

To remove the Bookmarks

During playback of the track with a Bookmark, press and hold the jog lever until “” disappears from the display.

To check the tracks with Bookmarks

During playback of the tracks with Bookmarks, “” keeps flashing slowly in the display.

Notes

- During playback of the tracks with Bookmarks, tracks are played in order of track number, and not in the order you added the Bookmarks.
- If you try to add Bookmarks to the tracks on the 11th CD, the Bookmarks of the CD you played back first will be erased.
- If you remove all power sources, all Bookmarks stored in memory will be erased.
- If you continue playing the CD player on the rechargeable battery without charging the battery even though “Lobatt” is displayed, all Bookmarks stored in memory will be erased.

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 **P MODE/↵** repeatedly until “PGM” appears.



- 2** Flick the jog lever toward **▶▶1** or **1◀◀** to select a track.

Track number



Playing order

- 3** Press the jog lever to enter the selected track.

“000” appears and the playing order increases by one.



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

- 5** Press and hold the jog lever until the PGM play starts.

To check the program

During programming:

Press the jog lever repeatedly before step 5.

During the PGM play:

Press **P MODE/↵** repeatedly until “PGM” flashes, then press the jog lever repeatedly. Each time you press the jog lever, the track number appears.

Notes

- When you finish entering the 64th 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 during many active uses.

When you set the G-PROTECTION switch on your CD player to “2”, the G-PROTECTION function will be enhanced compared to “1.”

To walk with the CD player and enjoy high quality CD sound using the G-PROTECTION function, set the G-PROTECTION switch to “1.” While taking harder exercise, it is recommended that you set it to “2.”

Set G-PROTECTION (under the lid) to “1” or “2.”



Note

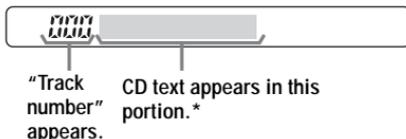
Sound may skip:

- if the CD player receives stronger continuous shock than expected,
- if a dirty or scratched CD is played or
- when using poor-quality CD-Rs/CD-RWs or if there is a problem with the recording device or application software.

Displaying CD text information

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

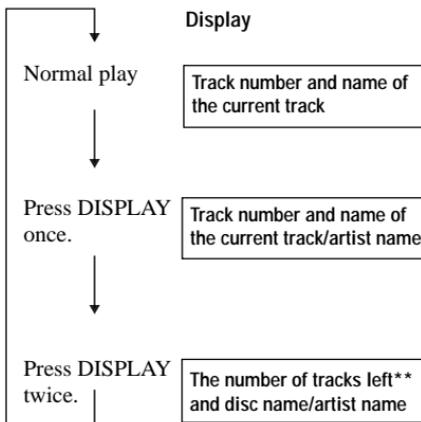
Display on the remote control



* 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, Bookmarked track play or PGM play.

Note

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

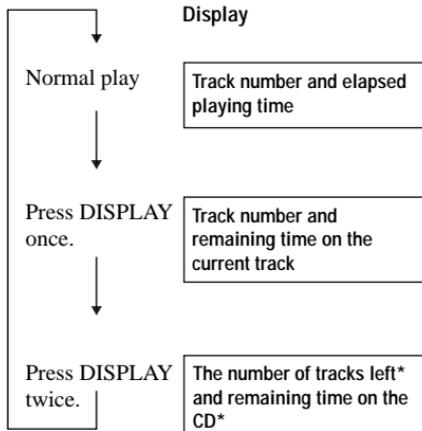
Checking the remaining time on the CD and the number of tracks left

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

When playing a CD containing CD text information, you cannot use this function.

Press DISPLAY.

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

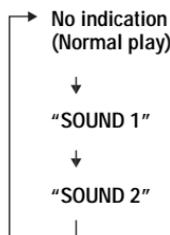


* Not displayed during single play, shuffle play, Bookmarked track play or PGM play.

Emphasizing the bass sound (SOUND)

You can emphasize the bass-boosted sound.

Press SOUND to select "SOUND 1" or "SOUND 2."



The selected sound mode is displayed.

"SOUND 2" enhances the bass sound more than "SOUND 1."

Note

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

Protecting your hearing (AVLS)

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

Set AVLS (under the lid) to "LIMIT."

AVLS NORM LIMIT



AVLS

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

To turn off the AVLS function

Set AVLS to "NORM."

Locking the controls (HOLD)

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

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

CD player



CHARGE lamp flashes if you press any button when the HOLD function is activated.

Remote control



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.

To unlock the controls

Slide **HOLD** in the opposite direction of the arrow.

Note

Even if the HOLD function is working, "HOLD" will not appear in the display of the remote control.

Turning off the operation beep sound

You can turn off the beep sound that is heard from your headphones/earphones when you operate your CD player.

1 Remove the power source (AC power adaptor, rechargeable battery or dry battery) from the CD player.

2 Connect the power source while pressing ■ (■/CHARGE for the CD player).

To turn on the beep sound

Remove the power source and then connect the power source without pressing ■ or ■/CHARGE.

Turning off the LCD's backlight

While you are using the rechargeable battery or dry battery, the LCD's backlight turns on for about 5 seconds every time you press a button. However, you can turn off the backlight to save the battery power.

1 Remove the rechargeable battery or dry battery from the CD player.

2 Insert the battery while pressing P MODE/↵.

To turn on the LCD's backlight

Remove the battery and then insert the battery without pressing P MODE/↵.

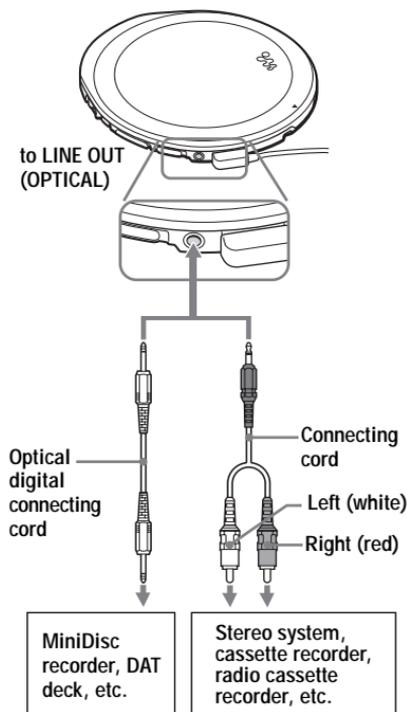
About the LCD's backlight

The LCD's backlight is always turned on when using the AC power adaptor.

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 battery or dry battery as a power source, the battery 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 output from the  jack using VOL +/- on the CD player or the remote control.
- If the sound is distorted, connect the device to the  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 G-PROTECTION and SOUND functions when using the connecting cord or optical digital connecting cord

- To record high quality CD sound, set the G-PROTECTION switch to "1."
- The SOUND function works only on the output sound from the  jack and not work on the output sound from the LINE OUT (OPTICAL) jack.

▶ Connecting to a power source

You can use the following power sources:

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

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

Using the rechargeable battery

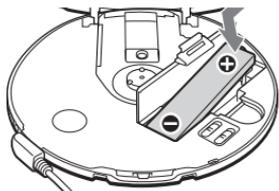
Charge the rechargeable battery before using it for the first time. You can use only the following rechargeable battery for your CD player.

- NH-14WM (A)

- 1** Open the battery compartment lid inside your CD player.

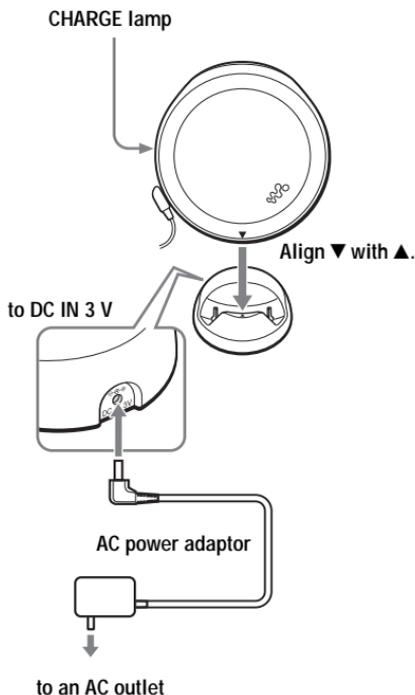


- 2** Insert a rechargeable battery by matching the ⊕ to the diagram in the battery compartment and close the lid until it clicks into place.



Insert the ⊖ end first.

- 3** Connect the AC power adaptor to the DC IN 3 V jack of the supplied charging stand and an AC outlet. Then place the CD player on the supplied charging stand, aligning the ▼ mark on the CD player with the ▲ mark on the stand.



(Continued)

Using the rechargeable battery

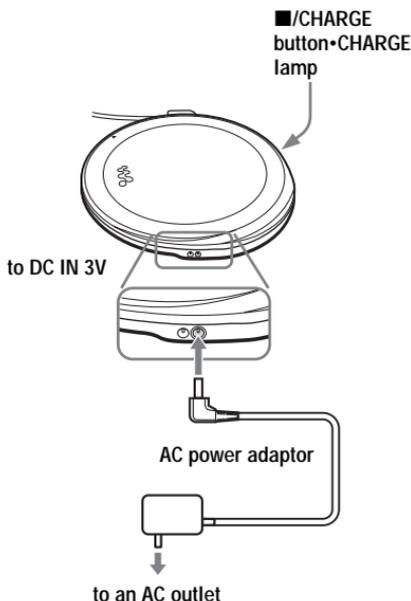
Charging of the battery starts.

In the display of the remote control, "Charging" indication flashes and the indicator sections of  light up in succession. The CHARGE lamp lights up on the CD player.

When the battery is completely charged, all indications in the display disappear and the CHARGE lamp goes off.

To charge the rechargeable battery without using the supplied charging stand

Connect the AC power adaptor to the DC IN 3 V jack of your CD player and an AC outlet, then press /CHARGE to start charging.

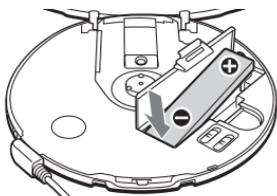


Notes

- When charging the battery using the charging stand, be sure to remove the external battery case.
- During charging, the CD player and the rechargeable battery become hot. This poses no danger.
- If you press the jog lever during charging, charging stops and playback of the CD starts.
- If you place the CD player on the charging stand during playback, playback stops and charging starts.
- Place the CD player on the charging stand securely, aligning the ▼ mark on the CD player with the ▲ mark on the stand. Make sure that the CHARGE lamp on the CD player lights up. Wrong placement interrupts charging or playback.

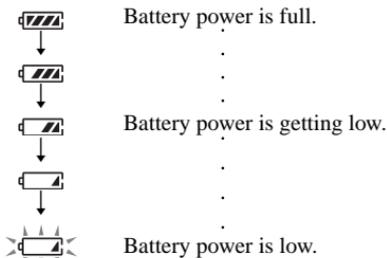
To remove the rechargeable battery

Push ⊖ end to remove the battery.



When to charge the rechargeable battery

You can check the remaining power of the battery in the display.



Battery power is full.

Battery power is getting low.

Battery power is low.

Lobatt* The battery is depleted.

* Beep sounds.

To keep the original battery capacity for a long time, charge the battery only when it is completely depleted.

Notes

- The indicator sections of , roughly show the remaining battery power. One section does not always indicate one-fourth of the battery power.
- Depending on operating conditions, the indicator sections of , may increase or decrease.

When to replace the rechargeable battery

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

Note on the rechargeable battery

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.

Note on carrying the rechargeable battery

Use the supplied battery carrying case to prevent unexpected heat. If the rechargeable battery and the metallic objects are contacted, heat or fire may occur due to a short circuit.

Notes on the supplied charging stand

- The supplied charging stand can be used only with this CD player. No other model can be charged using this stand.
- When using the supplied charging stand, charge the NH-14WM (A) rechargeable battery only. Do not charge any other battery.
- During charging, the CD player and the rechargeable battery become hot. This poses no danger.
- Do not place coins or other metallic objects on the charging stand. If the terminal on the charging stand is accidentally brought into contact with a metallic object, it may short-circuit and begin to heat up.

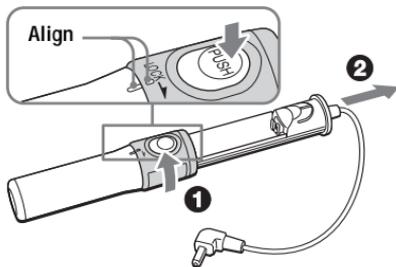
Using the dry battery

Make sure to use the supplied external battery case.

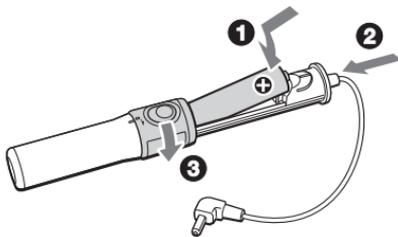
Use only the following dry battery type for your CD player:

- LR6 (size AA) alkaline battery

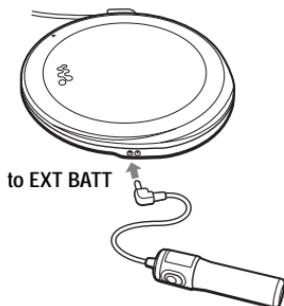
- 1** Align the lines below **PUSH** as illustrated, then draw out the battery case while pressing **PUSH**.



- 2** Insert an LR6 (size AA) alkaline battery by matching the \oplus to the diagram in the battery case. Insert the battery case and lock the case by turning **LOCK** in the direction of the arrow.

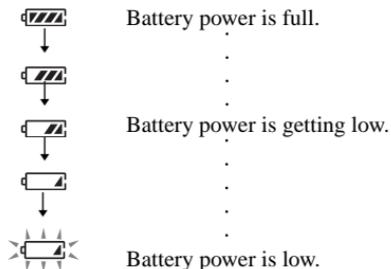


- 3** Connect the external battery case to the CD player.



When to replace the battery

You can check the remaining power of the battery in the display.



Lobatt* The battery is depleted.

* Beep sounds.

When the battery is depleted, replace it with a new one.

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

Notes

- Be sure to remove the AC power adaptor when attaching the external battery case.
- When using the rechargeable battery and dry battery together to extend power, use a fully charged rechargeable battery and a new dry battery.

Notes on the power source

Disconnect all power sources when the CD player is not used for a long time.

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



- Do not touch the AC power adaptor with wet hands.
- Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

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.

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 3 V (external power input) jack.

On the CD player

- Keep the lens on the CD player clean and do not touch it. If you do so, the lens may be damaged and the CD player will not operate properly.
- 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.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this CD player. Attempting to do so may damage the CD player. Do not use such discs.

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.



- 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.

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

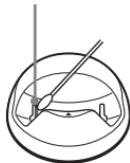
To clean the casing

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

To clean the terminal

If the terminal on the charging stand becomes dirty, the battery may not be charged properly. Clean the terminal with a cotton swab or a dry cloth periodically as illustrated below.

Terminal



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 turn VOL +/- in the + direction repeatedly (even if you flick VOL +/- toward + repeatedly on the CD player).	<ul style="list-style-type: none">→ Set the AVLS switch to "NORM." (page 16)→ The headphones/earphones are connected to the LINE OUT (OPTICAL) jack. Connect them to the  (headphones) jack. (page 7)
Cannot adjust the volume.	<ul style="list-style-type: none">→ The headphones/earphones are connected to the LINE OUT (OPTICAL) jack. Connect them to the  (headphones) jack. (page 7)
No sound, or noise is heard.	<ul style="list-style-type: none">→ Connect the plugs firmly. (page 7)→ Plugs are dirty. Clean the plugs with a dry soft cloth periodically.
The playing time is too short when powered with the dry battery.	<ul style="list-style-type: none">→ Check that you are using an alkaline battery and not a manganese battery. (page 22)→ Replace the battery with a new LR6 (size AA) alkaline battery. (page 22)
The playing time is too short when powered with the rechargeable battery.	<ul style="list-style-type: none">→ Charge and discharge the rechargeable battery several times. (pages 19 - 21)
"Lobatt" or "000" appears in the display. The CD does not play.	<ul style="list-style-type: none">→ The rechargeable battery is used up completely. Charge the battery. (page 19)→ Replace the battery with a new LR6 (size AA) alkaline battery. (page 22)
"HiDCin" appears in the display.	<ul style="list-style-type: none">→ Use only the AC power adaptor or car battery cord in "Accessories (supplied/optional)." (page 30)→ Remove all power sources, then insert the battery or connect the AC power adaptor again. (pages 7, 19, 22)

Symptom	Cause and/or corrective actions
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"> → The buttons are locked. Slide the HOLD switch back. (page 16) → The CD is dirty or defective. (page 24) → Check that the CD is inserted with the label side up. (page 7) → Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates. → Close the lid of the battery compartment firmly. (page 19) → Make sure the battery is inserted correctly. (pages 19, 22) → Connect the AC power adaptor to an AC outlet securely. (page 7) → The CD-R/CD-RW was not finalized. Finalize the CD-R/CD-RW with the recording device. → There is a problem with the quality of the CD-R/CD-RW, recording device, or application software.
CHARGE lamp flashes on the CD player when you press a button, and the CD does not play.	<ul style="list-style-type: none"> → The buttons are locked. Slide the HOLD switch back. (page 16)
Cannot adjust the volume with VOL +/- on the CD player.	<ul style="list-style-type: none"> → The CD player is connected to an audio device. Adjust the volume using the volume control on the connected device. (page 18)
During recording with optical digital connection, the track number cannot be recorded correctly.	<ul style="list-style-type: none"> → Record the track number again using a MiniDisc recorder, DAT recorder, etc. (page 18) → See the instruction manual that comes with the recording device. (page 18)
The rechargeable battery cannot be charged.	<ul style="list-style-type: none"> → The terminal on the charging stand is dirty. Wipe it with a dry cloth. → The CD is playing. Stop playing. → The external battery case is connected to the CD player. Remove it and start charging again. → The CD player is not placed securely on the charging stand. Place the player on the stand, aligning the ▼ mark on the player and the ▲ mark on the stand. Make sure that the CHARGE lamp lights up. (page 19)

(Continued)

Troubleshooting

Symptom	Cause and/or corrective actions
Playback starts from the point you stopped. (resume function)	→ The resume function is working. To start playing from the first track, press and hold the jog lever during stop until the first track starts playing, or open the lid of the CD player. Or, remove all power sources, then insert the battery or connect the AC power adaptor again. (pages 7, 8, 19, 22)
Rustling noise is heard from the CD.	→ Close the lid of the battery compartment firmly. (page 19)
When closing the lid of the CD player, the CD starts to rotate.	→ The CD player is reading the information on the CD. It is not malfunctioning.
You cannot operate the CD player properly using the remote control.	→ The buttons on the CD player are kept pressed by mistake.
The LCD display becomes hard to see or slows down.	→ You are using your CD player at high temperatures (above 40°C/104°F) or at low temperatures (below 0°C/32°F). At room temperature, the display will return to its normal operating condition.
"  " is flashing quickly in the display, and you cannot locate the beginning of the track or the specific point in the track.	→ The CD player has entered the Bookmarked track play mode. Press P MODE/  twice so that the player returns to the normal play mode.

Specifications

System

Compact disc digital audio system

Laser diode properties

Material: GaAlAs

Wavelength: $\lambda = 780 \text{ nm}$

Emission duration: Continuous

Laser output: Less than $44.6 \mu\text{W}$

(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 dB (measured by JEITA CP-307)

Output (at 3 V input level)

Line output (stereo minijack)

Output level 0.7 V rms at 47 k Ω

Recommended load impedance over 10 k Ω

Headphones (stereo minijack)

Approx. 5 mW + Approx. 5 mW at 16 Ω

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.

- Sony NH-14WM (A) rechargeable battery: 1.2 V DC
- LR6 (size AA) battery: 1.5 V DC
- AC power adaptor (DC IN 3 V jack):
U, U2, CA, CA2, E92, MX2, TW2 and CA2/C models: 120 V, 60 Hz
CED, CED/4, CE7, CE7/C, EE, EE1, E, E13 and E13/2 models: 220 - 230 V, 50/60 Hz
CEK model: 230 V, 50 Hz
AU2 model: 240 V, 50 Hz
EU8, EU8/C, JE.W, E18, KR4 and EE8 models: 100 - 240 V, 50/60 Hz
HK4 model: 230 V, 50/60 Hz
CNA model: 220 V, 50 Hz

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.

When using	G-PROTECTION	
	"1"	"2"
NH-14WM (A) (charged for about 5 hours**)	25	22
External battery case (alkaline battery***)	39	34
NH-14WM (A) and external battery case (alkaline battery***)	63	55

* Measured value by the standard of JEITA (Japan Electronics and Information Technology Industries Association).

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

*** When using a Sony alkaline battery LR6 (SG) (produced in Japan)

Operating temperature

5°C - 35°C (41°F - 95°F)

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

Approx. 127.0 × 133.8 × 13.4 mm
(5 × 5 $\frac{3}{8}$ × 1 $\frac{1}{32}$ in.)

Mass (excluding accessories)

Approx. 118 g (4.2 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 battery (1)
- Charging stand (1)
- Battery carrying case (1)
- Carrying pouch (1)
- External battery case (1)

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

Active speaker system	SRS-Z1 SRS-Z1000
Car battery cord	DCC-E345
Car battery cord with car connecting pack	DCC-E34CP
Car connecting pack	CPA-9C
Optical digital connecting cord	POC-15B POC-15AB
Rechargeable battery	NH-14WM
Headphones/Earphones	MDR-E848LP MDR-EX70LP MDR-A44L MDR-A110LP

When you purchase an AC power adaptor, consult your nearest Sony dealer.

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

This warranty is valid only in the United States.

SONY®

LIMITED WARRANTY

Portable Audio

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. **LABOR:** For a period of 90 days from the date of purchase, if this Product is determined to be defective, Sony will repair or replace the Product, at its option, at no charge, or pay the labor charges to any Sony authorized service facility. After the Warranty Period, you must pay for all labor charges.

2. **PARTS:** In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After 90 days from the date of purchase, labor for removal and installation is available from Sony authorized service facilities or a Sony Service Center at your expense.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized Sony service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, Sony Electronics Inc. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call:

Sony Direct Response Center

1-(800)-222-7669

or write to:

Sony Direct Response Center

12451 Gateway Blvd.

Fort Myers, FL 33913

For an accessory or part not available from your authorized dealer, call:

1-(800)-488-SONY (7669)

W 455714701 (T1)



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