

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)."



D-EG3

D-EG5

D-EG5CK

D-EG7

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 and the serial numbers are located at the bottom. 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

This mark is available in the USA and Canada only

RECYCLING NICKEL-CADMIUM BATTERIES

Nickel-Cadmium batteries are recyclable. You can help preserve our environment by returning your unwanted batteries to your nearest point for collection, recycling or proper disposal.

Note: In some areas the disposal of nickel-cadmium batteries in household or business trash may be prohibited.

RBRC (Rechargeable Battery Recycling Corporation) advises you about spent battery collection by the following phone number.

Call toll free number: 1-800-822-8837 (United States and Canada only)

Caution: Do not handle damaged or leaking nickel-cadmium batteries.



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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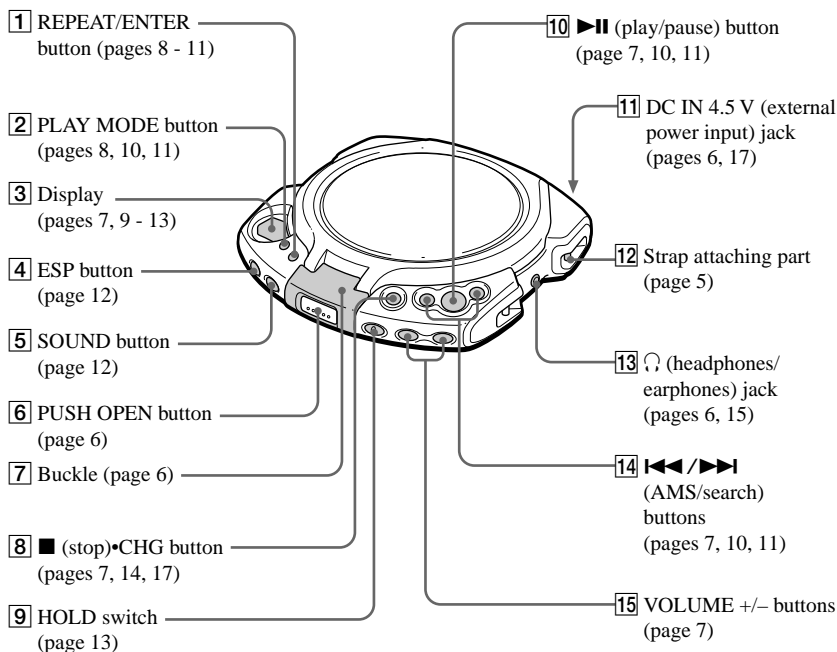
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Getting started

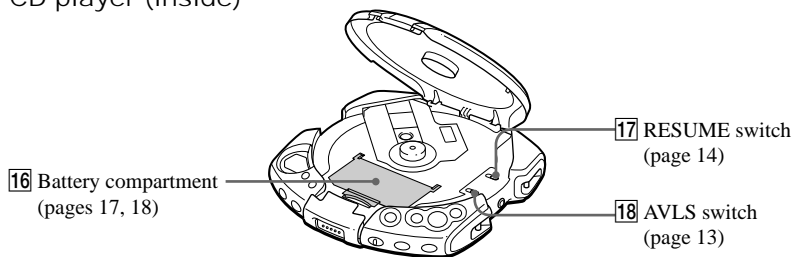
Locating the Controls

For details, see pages in parentheses.

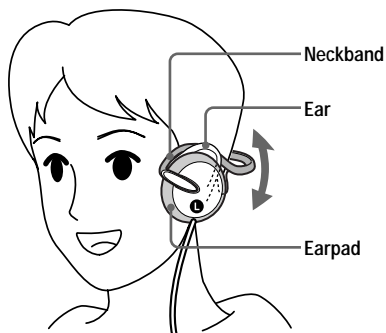
CD player (front)



CD player (inside)



Using the headphones (D-EG7 only)

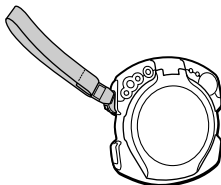


Put your ear between the neckband and earpad.

Using the hand strap (D-EG5 and D-EG5CK)

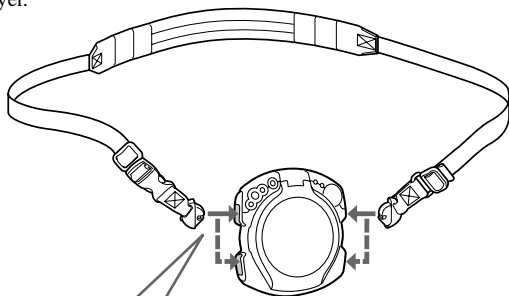
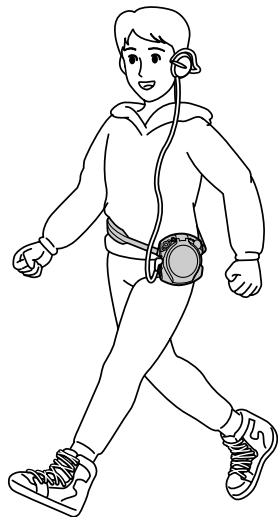
Attach the hand strap to one of the attaching parts on the CD player.

For the ways to attach or detach, see “Using the carry strap” below.

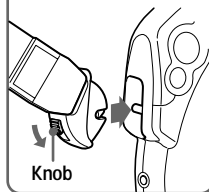


Using the carry strap (D-EG3 and D-EG7)

You can enjoy various attaching options using 4 attaching parts on the CD player.



Attach the carry strap by sliding the knob.



To detach the carry strap, slide the knob.

Playing a CD

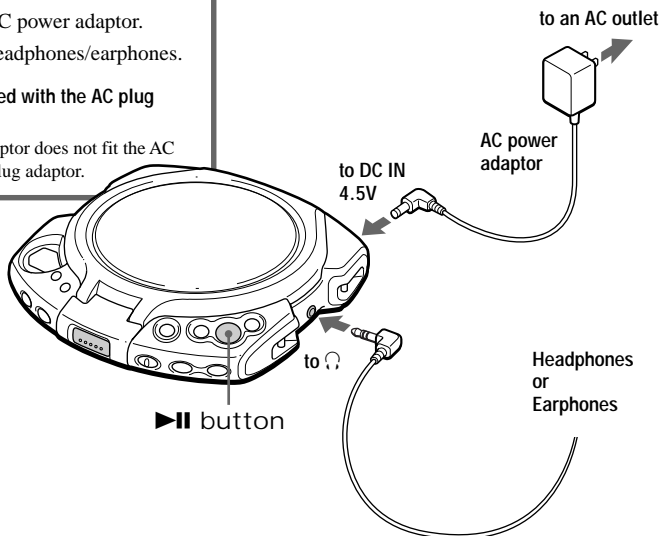
You can also use rechargeable batteries, dry batteries and a car battery as a power source.

1. Connect your CD player.

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

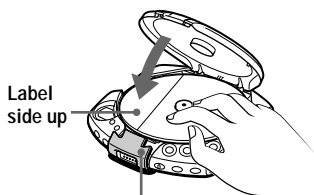
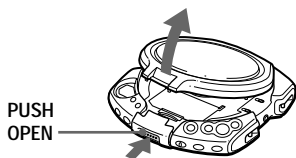
For models supplied with the AC plug adaptor

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



2. Insert a CD.

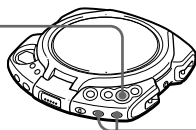
- 1 Press PUSH OPEN to open the CD player lid.
- 2 Place the CD on the tray and close the lid.



Make sure the buckle is open when closing the lid. If the buckle is pressed down, press PUSH OPEN.

3. Play a CD.

1 Press **▶||**.



2 Adjust the volume by pressing **VOLUME +** or **-**.

To	Press
Play/Pause	▶
Stop	■•CHG *2
Find the beginning of the current track (AMS*1)	⏮ once quickly*2
Find the beginning of the previous tracks (AMS)	⏮ repeatedly*2
Find the beginning of the next track (AMS)	⏭ once quickly*2
Find the beginning of the succeeding tracks (AMS)	⏭ repeatedly*2
Go backwards quickly	Hold down ⏮ *2
Go forward quickly	Hold down ⏭ *2

*1 Automatic Music Sensor

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

About the display

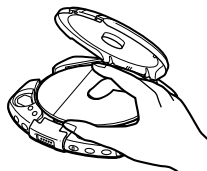
- When you press **▶||** from stop mode (when RESUME is set to “OFF”), the total number of tracks in the CD appears for about two seconds.
- During play, the track number appears.
- During pause, the indications that appeared when you paused the CD player flash.

If the volume level does not increase

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

Removing the CD

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



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)
- ↓
- "INTRO PGM"
(Select tracks by listening to songs' intro)
- ↓
- "1"
(Play a single track)
- ↓
- "SHUF"
(Play tracks in random order)
- ↓
- "RMS"
(Play tracks in your favorite order)

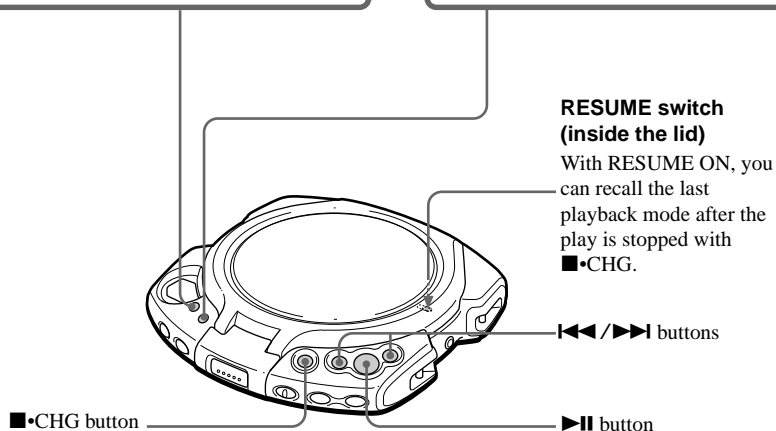
REPEAT/ENTER button

REPEAT

You can repeat play that is selected using PLAY MODE.

ENTER

You can select tracks for INTRO PGM play mode and RMS (Random Music Sensor).



Playing tracks repeatedly (Repeat play)

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

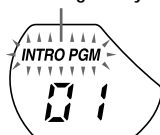
Selecting tracks by listening to songs' intro

(INTRO PGM play)

You can program the CD player to play only the tracks you like listening to while the CD player plays the beginning of every track (song's intro) one by one.

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

Flashing slowly



- 2 Press ►II.**

The CD player starts playing the first 15 seconds of every track. "INTRO PGM" flashes faster.

- 3 Press REPEAT/ENTER during a song's intro when you want to select the track.**

To skip the track, press ►►I.

When all tracks on the CD are played, "INTRO PGM" stops flashing and the CD player starts playing the tracks you selected.

To finish selecting tracks before all tracks are played, press ►II.

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.



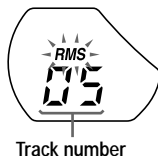
Playing tracks in your favorite order (RMS play)

You can program the CD player to play up to 22 tracks in your favorite order.

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



- 2** Press **⏮** or **⏭** to select a track.



- 3** Press **REPEAT/ENTER** to enter the selected track.
“00” appears.



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

- 5** Press **▶||** to start the RMS play.

To check the program

During programming:

Press **REPEAT/ENTER** repeatedly before step 5.

During the RMS play:

Press **PLAY MODE** repeatedly until “RMS” flashes, then press **REPEAT/ENTER**. Each time you press **REPEAT/ENTER**, the track number appears.

Notes

- When you finish entering the 22nd track in step 3, the first selected track appears in the display.
- If you select more than 22 tracks, the first selected tracks are erased.

Turning on the shock protection function (ESP²)

The ESP²* function prevents the sound from skipping when you make a jolt or bump to your CD player. This function is useful when using your CD player in a car or other mobile application.

Press ESP to display “ESP.”



To turn off the ESP² function

Press ESP again.

* The ESP (Electronic Shock Protection) function prevents the sound from skipping by using a memory buffer that can store music data. The ESP² (ESP Squared) system can store more music data than ESP, and enables a higher level of shock protection to reduce sound skipping.

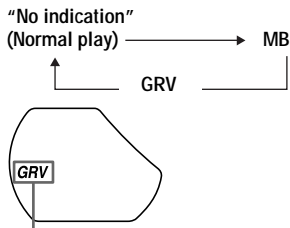
Notes

- The CD play may stop if the CD player receives a strong shock.
- Noise may be heard or sound may be skipped if:
 - a dirty or scratched CD is played
 - an audio test CD that contains certain special signals is played
 - the CD player receives a continuous shock
- Sound may be intermitted for a while when you press the ESP button during play.

Emphasizing the bass sound (SOUND)

You can emphasize the bass-boosted sound.

Press SOUND to select “MB (Mega Bass)” or “GRV (Groove).”



The selected sound mode is displayed.

GRV enhances the bass sound more than MB.

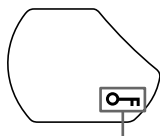
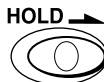
Note

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

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.



Flashes when the HOLD function is working.

To unlock the controls

Slide HOLD in the opposite direction of the arrow.

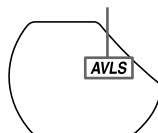
Protecting your hearing (AVLS)

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

Set AVLS to "LIMIT."



Displayed when "LIMIT" is selected and the AVLS function is working.



If you turn up the volume to "3-:"*

"AVLS" flashes and you cannot turn up the volume any more. When you want to turn up the volume to more than "3-:", set AVLS to "NORM."

* For the customers in France

This level is set to "5-:".

To turn off the AVLS function

Set AVLS to "NORM."

Note

If the sound is distorted when you simultaneously use the SOUND and AVLS functions, turn down the volume.

Resuming the playback (Resume play)

Your CD player can recall the playback point where you stopped and resume playing from the same place.

Set RESUME to “ON.”



To cancel resume play

Set RESUME to “OFF.”

Notes

- Resume play is canceled if you open the CD player lid (even if the RESUME switch is set to “ON”).
- The playback point may result an error rate by approximately +/- 30 seconds.

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 batteries or dry batteries) from the CD player.**
 - 2 Connect the power source while pressing ■•CHG on the CD player.**
-

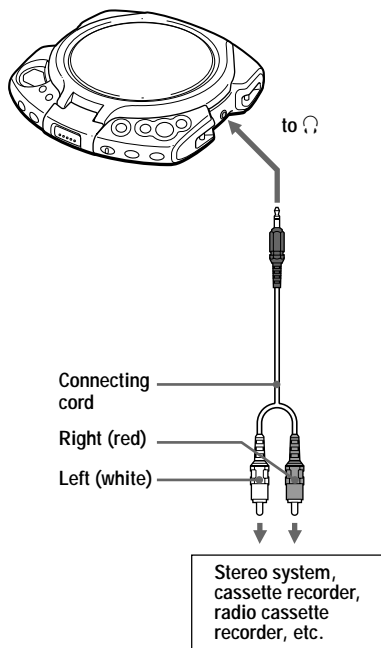
To turn on the beep sound

Remove the power source and then connect the power source without pressing ■•CHG.

Connecting a stereo system

You can listen to CDs through a stereo system and record CDs on a cassette tape. 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 so that the sound will not be distorted.

When using the connecting cord

- When you record a CD on a cassette tape using a cassette recorder that has the blank search function, turn off the ESP² function. If the ESP² function is set to on, the blank search function does not work.
- If the sound is distorted when using the SOUND function, press SOUND repeatedly until the sound indication disappears from the display.

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

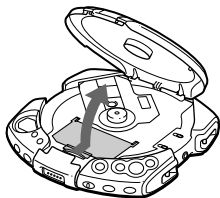
For the battery life and charging time of the rechargeable batteries, see “Specifications.”

Using the rechargeable batteries

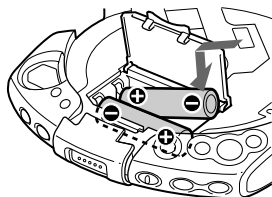
Charge the rechargeable batteries before using them for the first time. You can use only the following rechargeable batteries for your CD player.

- NC-AA
- NH-MDAA

1 Open the battery compartment inside your CD player.

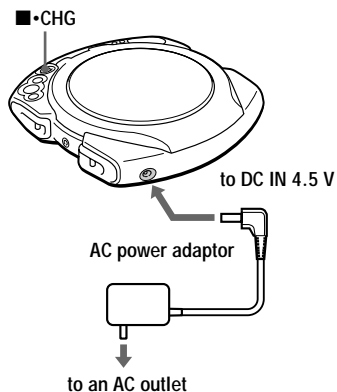




2 Insert two rechargeable batteries by matching the + to the diagram inside the battery compartment and close the lid.



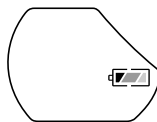
3 Connect the AC power adaptor to the DC IN 4.5 V jack of your CD player and an AC outlet, then press ■•CHG to charge.

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



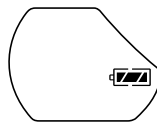
The CD player charges the batteries. When the batteries are completely charged, the  indicator turns off. If you press ■•CHG when the charge has already been completed, the  indicator flashes.

Being charged



The indicator sections light up in succession

Completely charged



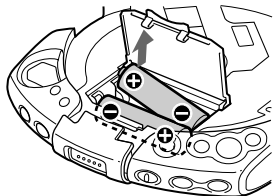
4 Disconnect the AC power adaptor.

(Continued)


Using the rechargeable batteries

To remove the rechargeable batteries

Remove the batteries by pulling the ribbon.



When to charge the rechargeable batteries

When the batteries become weak, “Lo” and the  indicator appear in the display. 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

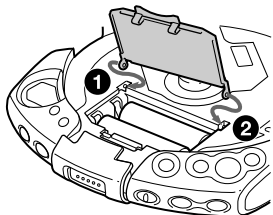
If the battery life becomes shorter by about half, replace the batteries with new rechargeable batteries.

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.

To attach the battery compartment lid

If the battery compartment lid is detached by an accidental drop, excessive force, etc., attach it as illustrated below.



Using dry batteries

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

- LR6 (size AA) alkaline batteries

Note

Be sure to remove the AC power adaptor when using the dry batteries.


1 Open the battery compartment inside your CD player.

2 Insert two LR6 (size AA) alkaline batteries by matching the + to the diagram inside the battery compartment and close the lid.

To remove the batteries

Remove the batteries in the same way as rechargeable batteries.

When to replace the batteries

When the batteries become weak, “Lo” and the  indicator appear in the display. Replace both batteries with new ones.

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.

Precautions

On safety

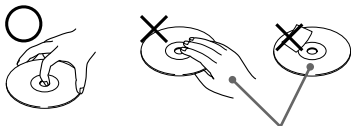
- Should any solid objects or liquid fall into the CD player, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack.

On the CD player

- Keep the 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.

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.

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.	→ Set the AVLS switch to "NORM." (page 13)
No sound, or noise is heard.	→ Connect the plugs firmly. (page 6) → Plugs are dirty. Clean the plugs with a dry soft cloth periodically.
The playing time is too short when powered with the dry batteries.	→ Check that you are using alkaline batteries and not manganese batteries. (page 18) → Replace the batteries with new LR6 (size AA) alkaline batteries. (page 18)
The playing time is too short when powered with the rechargeable batteries.	→ Charge and discharge the rechargeable batteries several times. (page 17, 18)
When you press ► , "Lo" and □□, or "00" appear in the display. The CD does not play.	→ The rechargeable batteries are used up completely. Charge the batteries. (page 17) → The dry batteries are used up. Replace them with new LR6 (size AA) alkaline batteries. (page 18)
"HI" or "dc" appears in the display alternately.	→ Use only the AC power adaptor or car battery cord in "Accessories (supplied/optional)." (page 23) → Remove all power sources, then insert the batteries or connect the AC power adaptor again. (page 6, 17, 18)
The CD does not play or "no" or "cd" appears in the display alternately when a CD is placed in the CD player.	→ The CD is dirty or defective. (page 20) → Check that the CD is inserted with the label side up. (page 6) → Moisture condensation has occurred. Leave the CD player aside for several hours until the moisture evaporates. → Close the CD player lid and the battery compartment firmly. (pages 6, 17, 18) → Make sure the batteries are inserted correctly. (pages 17, 18) → Connect the AC power adaptor to an AC outlet securely. (page 6)
Ⓚ flashes in the display when you press a button, and the CD does not play.	→ The buttons are locked. Slide the HOLD switch back. (page 13)
The CD player does not start charging.	→ During stop, press ■•CHG. (page 17)

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 EIAJ CP-307)

Output (at 4.5 V input level)

Headphones (stereo minijack)

Approx. 15 mW + Approx. 15 mW at 16 ohms
(Approx. 3 mW + Approx. 3 mW at 16 ohms)*

*For the customers in France

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 NC-AA rechargeable batteries: 2.4 V DC
Two Sony NH-MDAA 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.

When using	ESP function	
	off	on
Two rechargeable batteries NC-AA (charged for about 3 hours**)	4.5	4.0
Two rechargeable batteries NH-MDAA (charged for about 4 hours**)	8.5	8.0
Two Sony alkaline batteries LR6SG	14	14

* 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. $146.0 \times 30.7 \times 157.4 \text{ mm}$
($5 \frac{3}{4} \times 1 \frac{1}{4} \times 6 \frac{1}{4} \text{ in.}$)

Mass (excluding rechargeable batteries)

Approx. 310 g (11 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.

	D-EG3	D-EG5	D-EG5CK	D-EG7
AC power adaptor (1)	○	○	○	○
Headphones (1)	○	○	○	○
Rechargeable batteries (2)	—	—	—	○*
Battery carrying case (1)	—	—	—	○*
Carry strap (1)	○	—	—	○
Hand strap (1)	—	○	○	—
AC plug adaptor (1)	—	—	—	○*
Car battery cord (1)	—	—	○	—
Car connecting pack (1)	—	—	○	—
Velcro tape (2)	—	—	○	—
Spare fuse (1)	—	—	○	—
Spiral tube (1)	—	—	○	—

* Supplied with E13 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-A15
	SRS-A35
	SRS-A71
	SRS-T1
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
Rechargeable battery	NC-AA
	NH-MDAA
Headphones	MDR-G52LP
Earphones	MDR-A44L
	MDR-301LP
	MDR-E848LP

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

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

Sony Corporation Printed in Malaysia
