

Portable CD Player

Operating Instructions

About area code

The area code of the player you purchased is shown on upper left of the bar code label on the package. For accessories supplied with your player, check the area code of your model and refer to "Supplied accessories" toward the end of this manual.



- D-E200
- D-E201
- D-E251
- D-E201SR
- D-E206CK

Sony Corporation ©2000 Printed in China

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 rear. 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.

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.

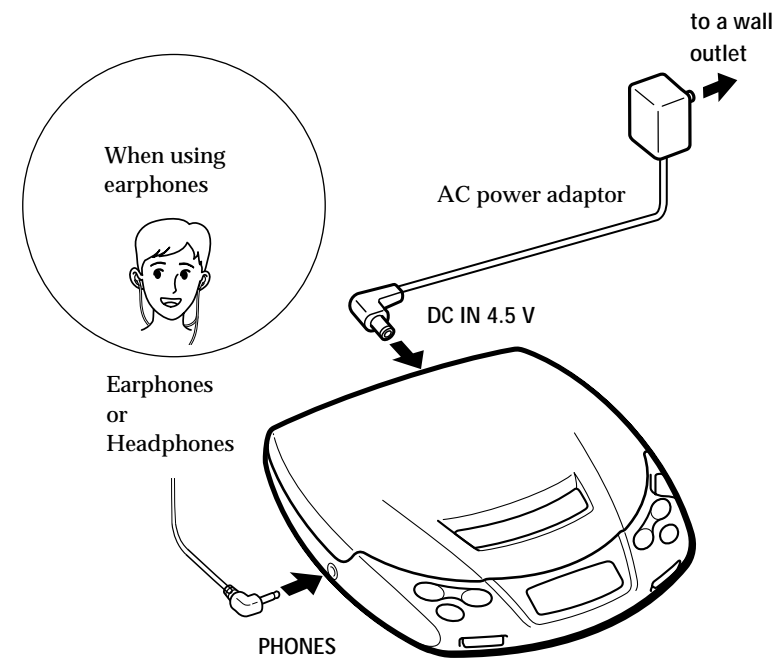
For the customers in Europe

The CE mark on the CD player is valid only for products marketed in the European Union.

Playing a CD right away!

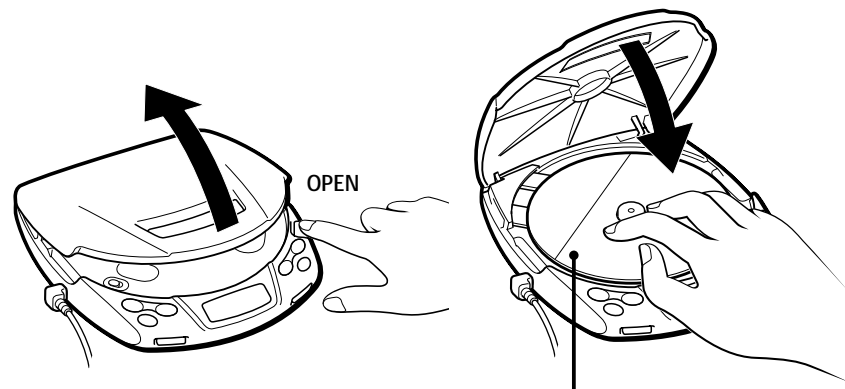
If you want to play a CD right now, choose to use your player on house current. Other choices are the following two: dry batteries (see "Power Sources" on the reverse side) and car battery.

1 Connect



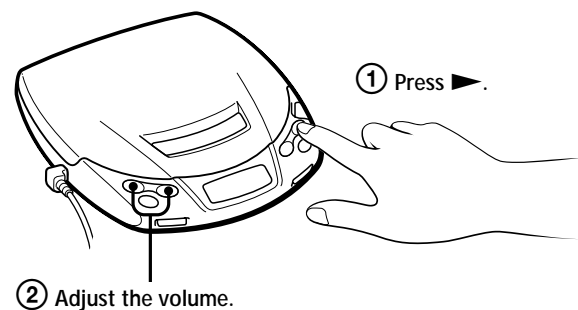
For models supplied with the AC plug adaptor
 If the AC power adaptor does not fit the wall outlet, use the AC plug adaptor.

2 Place a CD



- ① Press OPEN to open the lid.
- ② Fit the CD to the pivot.
- ③ Close the lid.

3 Play



To stop play, press ■.

Playback starts from the point you stopped

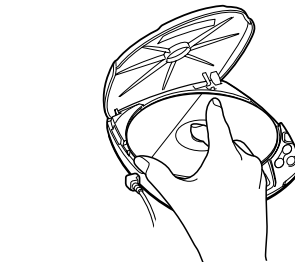
Your CD player can recall the playback point where you stopped and then resume playing from the same place (resume function). There is no ON/OFF switch of the resume function on this CD player.

| To | Press |
|--|---------------|
| Find the beginning of the current track (AMS*) | ◀◀ once |
| Find the beginning of previous tracks (AMS) | ◀◀ repeatedly |
| Find the beginning of the next track (AMS) | ▶▶ once |
| Find the beginning of succeeding tracks (AMS) | ▶▶ repeatedly |
| Go forward quickly | Hold down ▶▶ |
| Go backwards quickly | Hold down ◀◀ |

* AMS = Automatic Music Sensor

To remove the CD

Remove the CD while pressing the pivot.

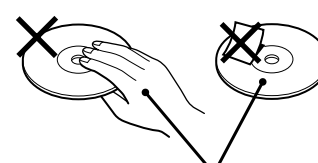


Notes on display

- When you press ▶, the total number of tracks in the CD and the total playing time appear.
- During play, the track number and the elapsed playing time of the current track appear.
- Between tracks, the time to the beginning of the next track will appear with the "--" indication.

Notes 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.

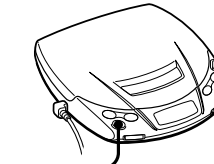


Not these ways

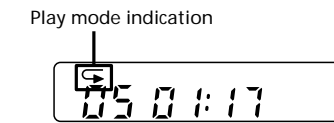
Other Operations

Selecting play mode

You can enjoy the following five play modes: "Normal play", "Repeat play — all the tracks", "Single track play", "Repeat play — a single track" and "Repeat shuffle play".



Press MENU during play. Each time you press the button, the play mode indication in the display changes as follows:



No indication (Normal play)

The player plays all the tracks on the CD once.

◀◀ (Repeat play — all the tracks)*
 The player plays all the tracks on the CD repeatedly.

"1" (Single track play)

The player plays a single track you've selected once.

◀◀ 1 (Repeat play — a single track)
 The player plays a single track you've selected repeatedly.

◀◀ SHUF (Repeat shuffle play)

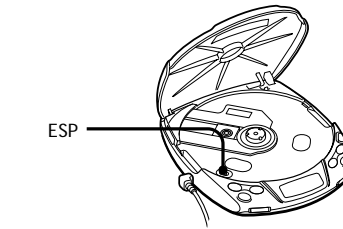
The player plays all the track on the CD in random order repeatedly.

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

Using other functions

To minimize skipping (ESP²)

The ESP (Electronic Shock Protection) function minimize skipping by using a buffer memory that stores music data and plays it back in the event of a shock. The new ESP² (ESP Squared) system uses a new DSP (Digital Signal Processor) which can read and store music data more efficiently, providing a level of continuous skip protection not found in traditional buffer memory units. This decreases the frequency of sound skipping and the need to utilize the buffer memory. Use this function when listening in a car or while walking.*
 * Although ESP² provides excellent protection against skipping, it will not prevent skipping while jogging or running.



Set ESP to "ON."
 The ESP indication appears.

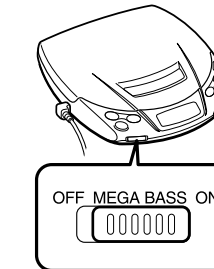


Notes

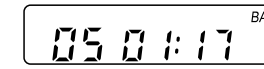
- Playing may stop when the player gets a strong shock even with the ESP function on.
- You may hear a noise or sound skip when:
 - listening to a dirty or scratched CD,
 - listening to an audio test CD or,
 - the player receives continuous shock.

To enjoy more powerful bass sound (Sound function)

You can enjoy a powerful bass-boosted sound.



Set MEGA BASS to ON.
 "BASS" appears in the display.

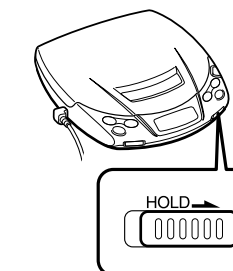


Note

- If the sound is distorted when emphasizing bass, turn down the volume.

To lock the buttons

You can lock your player against any accidental operations.

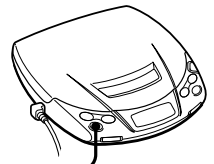


Slide HOLD in the direction of the arrow. When you press any button, "Hold" appears in the display and you cannot operate the player.

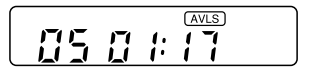
To unlock, slide HOLD back.

To protect your hearing (AVLS)

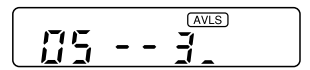
The AVLS (Automatic Volume Limiter System) function keeps down the maximum volume to protect your ears.



Hold down MENU until "AVLS" appears in the display.



If you turn up the volume to "3-", you cannot turn up the volume any more.



If you want to turn up the volume to more than "3-", hold down MENU until "AVLS" disappears from the display.

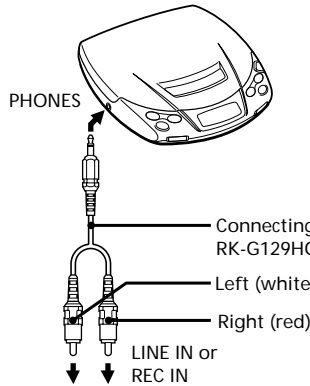
* For the customers in France
 This level is set to "5-."

Note

- If you use the sound function and the AVLS function at the same time, sound may be distorted. If this happens, turn down the volume.

Connecting to other stereo equipment

You can listen to the CD through other stereo equipment or record a CD on a cassette tape. Refer to the instruction manual of the other equipment for details. Before making connections, turn off each piece of equipment.



Connecting cord
 RK-G129HG
 Left (white)
 Right (red)
 LINE IN or REC IN

Stereo system, cassette recorder, radio cassette recorder, etc.

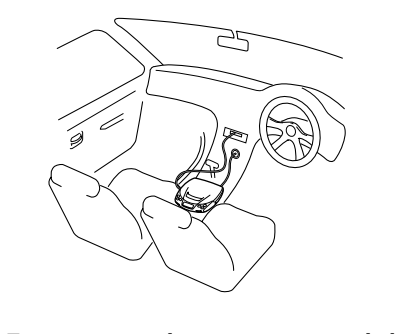
Notes

- Before you play the CD, turn down the volume of the connected equipment so as not to damage the connected speakers.
- When you connect other equipment to the PHONES jack of this player, adjust the volume on the connected equipment.
- If you turn up the volume to more than "3-", the sound may be distorted.

Continue to the reverse side →

Playing a CD in a car

You can use your player in a car as illustrated below.



To connect your player to a car cassette deck, you need the following accessories:

- Car connecting pack
- Car battery cord

or,

- Mount kit CPM-300PC (Mount plate + Car connecting pack + Car battery cord)
- Car battery cord with car connecting pack DCC-E26CP

Refer to the instruction manual of each accessory for details.

When you use the CPM-300PC mount kit/CPM-300P mount plate

Attach the car mount adaptor supplied to the CPM-300PC/300P before installing the player.

Notes

- Do not put the player on the dashboard.
- Do not leave the player in a car parked under sunlight.
- If the sound is distorted, set MEGA BASS to OFF.
- Use a Sony car connecting pack for reducing noise.
- Use only the car battery cord listed in the optional accessories. If you use any other car battery cord, smoke, fire or malfunction may occur.

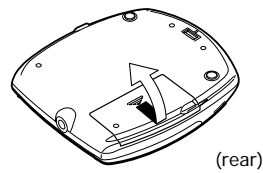
Switched ignition function (when using the car battery cord)

With this feature, your player stops automatically when you turn off the engine of the car. (This function is not possible with some cars depending on the model.)

►Power Sources

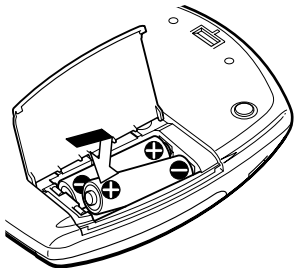
Using dry batteries

- 1 Open the lid of the battery compartment.



(rear)

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

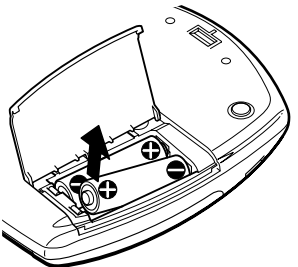


Note

- Do not use manganese batteries for this player.

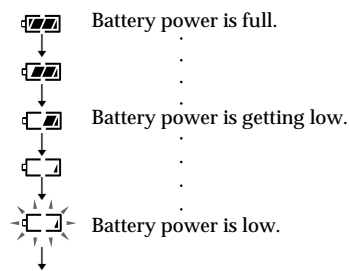
To take out the dry batteries

Pull the ⊕ side of the battery as shown.



When to replace the dry batteries

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



When the batteries are depleted, replace both batteries with new ones.

Notes

- 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 the battery leakage occurs, wipe off any deposit in the battery compartment, and install new batteries.

Battery life (approx. hours)(EIAJ*)

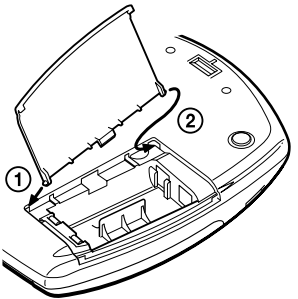
Battery life varies depending on how the player is used.

| | ESP OFF | ESP ON |
|----------------------------|---------|--------|
| Two alkaline batteries LR6 | 15 | 14 |

*Measured value by the standard of EIAJ (Electronic Industries Association of Japan). (When the unit is used on a flat and stable place.)

How to attach the battery compartment lid

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



►Additional Information

Precautions

On safety

- Should any solid objects or liquid fall into the unit, 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.

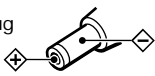
On power sources

- When you are not using the player for a long time, disconnect all power sources from the player.

On the AC power adaptor

- Use only the supplied AC power adaptor. If your player is not supplied with it, use AC-E45HG AC power adaptor. Do not use any other AC power adaptor.

Polarity of the plug



- To unplug the AC power adaptor from the wall outlet, grasp the adaptor itself, do not pull its cord.

On dry batteries

- Do not throw the batteries into fire.
- Do not carry the dry 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.

On the player

- Keep the lens of the player clean and do not touch it. If you do so, the lens may be damaged and the player will not operate properly.
- Do not put any heavy object on top of the player. The unit and the CD may be damaged.
- Do not leave the 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 player causes interference to radio or television reception, turn off the player or move it away from the radio or television.
- Do not wrap the player in a cloth or blanket during use as it may cause malfunction or serious accidents.

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.

Caring 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, benzene or thinner.

Troubleshooting

Should any problem persist after you have made these checks, consult your nearest Sony dealer.

The CD does not play or "no disc" appears in the display though a CD is placed in the unit.

- The CD is dirty or defective.
- Insert the CD with the label side up.
- Moisture condensation has occurred. Leave the unit aside for several hours until the moisture evaporates.
- Close the lid of the unit and the battery compartment firmly.
- Make sure the batteries are inserted correctly.
- Connect the AC power adaptor to a wall outlet securely.

When you press ►, "00" appears in the display for a moment, and disappears. The CD does not play.

- Dry batteries are used up. Replace dry batteries with new ones.

No sound, or noise is heard.

- Connect the plugs firmly.
- Plugs are dirty. Clean the plugs with a dry soft cloth periodically.

"Hi disc" appears in the display.

- Use only the supplied AC power adaptor or AC power adaptor AC-E45HG (not supplied).

"Hold" appears in the display when you press a button.

- The buttons are locked. Slide HOLD back.

The indicator appears in the display when you press a button.

- The dry batteries are used up. Replace them with new ones.

The battery life is short.

- Manganese batteries are used. Use alkaline batteries.
- Replace the batteries with new ones.

The rechargeable battery cannot be charged in the battery compartment of this player.

- This player does not have the function to charge the rechargeable battery.

The volume is limited to a certain level even if you attempt to turn it up.

- AVLS function keeps down the volume. Hold down MENU until "AVLS" disappears from the display.

Specifications

CD player

System

Compact disc digital audio system

Laser diode properties

Material: GaAlAs
Wavelength: λ = 780 nm
Emission duration: Continuous
Laser output: Less than 44.6 μW (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.)

Error correction

Sony Super Strategy Cross Interleave Reed Solomon Code

D-A conversion

1-bit quartz time-axis control

Frequency response

20 - 20,000 Hz ±1dB (measured by EIAJ CP-307)

Output (at 4.5 V input level)

Headphones (stereo minijack)

Approx. 12 mW + approx. 12 mW at 16 ohms
(Approx. 1 mW + approx. 1 mW at 16 ohms*)

*For the customers in France

General

Power requirements

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

- Two LR6 (size AA) batteries: 3 V DC
- AC power adaptor (DC IN 4.5 V jack):
U2/CAZ/E92/MX2 model: 120 V, 60 Hz
CED/CEX/EE/EE1/E13/G5/G6/G7/G8/CE7 model: 220 - 230 V, 50/60 Hz
CEK 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
CN2/AR1 model: 220 V, 50 Hz
- Sony CPM-300P mount plate for use on car battery: 4.5 V DC

Dimensions (w/h/d) (without projecting parts and controls)

Approx. 131×28×148 mm
(5 1/4×1 1/8×5 7/8 in.)

Mass

Approx. 220 g (7.8 oz)

Operating temperature

5°C - 35°C (41°F - 95°F)

Supplied accessories

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

D-E200

Headphones/earphones (1)

D-E201

AC power adaptor (1)
Headphones/earphones (1)
AC plug adaptor (1)*
*Supplied with E33 and EA3 models

D-E251

AC power adaptor (1)
Headphones/earphones (1)

D-E201SR

AC power adaptor (1)
Headphones/earphones (1)
Active speaker system (1)

D-E206CK

AC power adaptor (1)*
Headphones/earphones (1)
Car connecting pack (1)
Car battery cord (1)
Spiral tube (1)
Velcro tape (2)
*Not supplied with CEK model

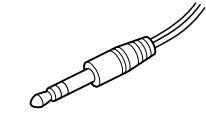
Design and specifications are subject to change without notice.

For US customers

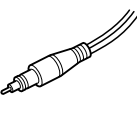
AC power adaptor supplied is not intended to be serviced. Should the AC power adaptor cease to function in its intended manner, during the warranty period, the adaptor should be returned to your nearest Sony Service Center or Sony Authorized Repair Center for replacement, or after warranty period, it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

Optional accessories

Mount plate CPM-300P
Mount kit CPM-300PC
Car connecting pack CPA-9
Car battery cord with car connecting pack DCC-E26CP
Car battery cord DCC-E245
Active speaker system SRS-A21, SRS-A41, SRS-A71
Connecting cord RK-G129HG, RK-G136HG
AC power adaptor AC-E45HG
Stereo headphones MDR-A44L, MDR-301LP, MDR-E848LP, MDR-35*
*When using optional headphones, use only headphones with stereo miniplugs. 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.