SONY

2-659-304-**12** (1)

Portable CD Player

Operating Instructions

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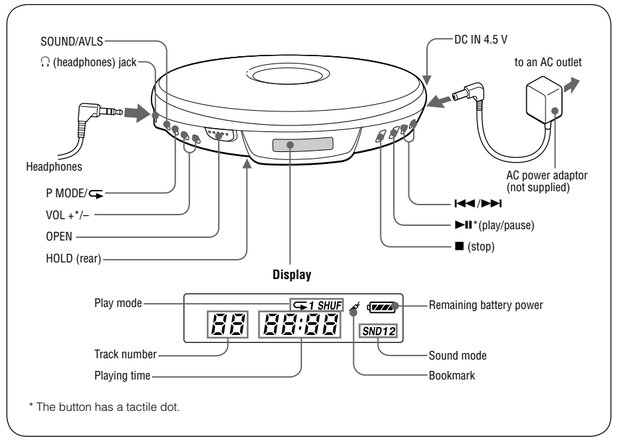
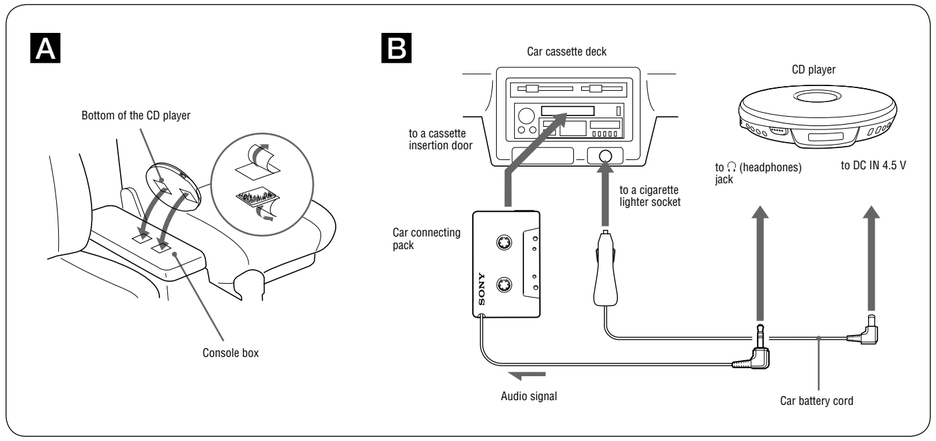


* The button has a tactile dot.



WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

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

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, 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.

For customers who purchased this product in the USA

Note: 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.

Using the CD Player

Power Sources

To use the batteries (not supplied)

1. Slide OPEN to open the player lid and open the battery compartment lid inside the CD player.
2. Insert two LR6 (size AA) alkaline batteries by matching the ⊕ to the diagram inside the CD player and close the lid until it clicks into place. Insert the ⊖ end first (for both batteries).

Battery life* (approx. hours)

(When the CD player is used on a flat and stable place.)
Playing time varies depending on how the CD player is used.

G-PROTECTION	G-on	G-off
Two Sony alkaline batteries LR6 (SG) (produced in Japan)	16	11

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

- The indicator sections of roughly show the remaining battery power. One section does not always indicate one-fourth of the battery power.

To use the AC power adaptor (not supplied)

Connect the AC power adaptor as illustrated.

Playing a CD

1. Slide OPEN to open the lid and fit the CD to the pivot, then close the lid.
2. Press ▶II.
   To play from the first track, press ▶II for 2 seconds or more while the CD player is stopped.
   - This CD player can play CD-Rs/CD-RWs recorded in the Compact Disc Digital Audio (Audio CD) format, but playback capability may vary depending on the quality of the disc and the condition of the recording device.
   - 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.

Note on DualDiscs
A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Digital MEGA BASS function

During play, press SOUND/AVLS repeatedly to select "SND 1" or "SND 2."
If the sound is distorted, turn down the volume.

AVLS* function

*** Automatic Volume Limiter System**
Press and hold SOUND/AVLS.
If "AVLS" flashes three times, the function is enabled.
If "AVLS" flashes once, the function is disabled.

AMS* / search function

*** Automatic Music Sensor**
To find the beginning of the previous/current/next/succeeding track(s): Press ⏮/⏭ repeatedly.
To go backward/forward quickly: Press and hold ⏮/⏭.

Play mode function

During play, press P MODE/ repeatedly:
No indication (normal play) → "1"(single track play) → "SHUF"(shuffle play) → "(Bookmark play)
To repeat the play mode you selected, press and hold P MODE/ until " " appears.

G-PROTECTION function

The function provides protection against sound skipping during many active uses.*
The default setting is "G-on." To select "G-off," press ▶II while you keep pressing ▶▶I during stop. To enjoy high quality CD sound, select "G-off".

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

Bookmark play

If you add bookmarks to your favorite tracks, you can listen to these tracks only from the track with the lowest number.

1. During playback of the track where you want to add a Bookmark, press and hold ▶II until " (Bookmark)" flashes on the display.
2. Repeat step 1 to add Bookmarks to the tracks you want.
3. Press P MODE/ repeatedly until " " flashes.
4. Press ▶II.

To remove the Bookmarks

During playback of the track with a Bookmark, press and hold ▶II until " " disappears from the display.

If you change CDs and start playing, all the bookmarks added for the previous CD will be erased.

If you press and hold ▶II for 2 seconds or more during stop, all the bookmarks stored in memory will be erased.

Troubleshooting

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

"Hold" appears in the display when you press a button, and the CD does not play.
→ The buttons are locked. Slide HOLD back.

The volume does not increase even if you press VOL + repeatedly.
→ Press and hold SOUND/AVLS until "AVLS" flashes once so that you can cancel the AVLS function.

The CD player does not operate properly.
→ Moisture condensation has occurred. Leave the player aside for several hours until the moisture evaporates.

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 power sources

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

On the AC power adaptor

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

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, unleveled 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 headphones

Road safety
Do not use headphones 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 headphones 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 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.

To clean the plugs
If the plugs become dirty, there is no audio or noise is heard. Clean them with a dry soft cloth periodically.

Specifications

System: Compact disc digital audio system

Laser diode properties:
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.)

Power requirements:
- Two LR6 (size AA) batteries: 1.5 V DC × 2
- AC power adaptor (DC IN 4.5 V jack): 120 V, 60 Hz

Dimensions (w/h/d) (without projecting parts and controls):
Approx. 139.8 × 27.9 × 139.8 mm
($5\frac{5}{8}$ x $1\frac{1}{8}$ x $5\frac{5}{8}$ in.)

Mass (excluding accessories):
Approx. 196 g (7.0 oz.)

Operating temperature: 5°C - 35°C (41°F - 95°F)

Design and specifications are subject to change without notice.

Supplied accessories
- Headphones (1)
- Car connecting pack (1)
- Car battery cord (1)
- Velcro tapes (2)

Installing in a Car

Installation

CD player A

Attach the CD player to the console box with the supplied Velcro tapes.

Notes

- **Do not affix Velcro tapes to the name plate or any control.**
- When you are going to park your car for a long period of time, remove the CD player from the Velcro tapes so that it will not be exposed to direct sunlight.
- Do not install the CD player in an unstable place or where any objects around it may interfere.
- **Do not install the CD player on a dashboard.**
- Install the CD player so that it will not interfere with your driving.

Connection B

To listen to the CD player through the car cassette deck, make connections as shown.
When the power is turned on, the LED lamp of the supplied car battery cord lights up.

Operation

1. Turn down the volume of the car cassette deck and CD player.
2. Set the tape selector to the normal (TYPE I) position, and the DOLBY NR, REPEAT or BLANK SKIP switch to OFF if they are equipped.
3. Insert the car connecting pack into the cassette deck.
4. Start playback on the car cassette deck.
5. Start CD playback.
6. Adjust the volume.

If no sound is heard or the car connecting pack is ejected, change the direction of playback on the car cassette deck.
To remove the car connecting pack, press the ⏏ (eject) button of the car cassette deck.

Notes

- Never insert the cord end of the car connecting pack into the cassette insertion door. Otherwise, the cord may break or the car cassette deck may be damaged.
- You cannot use the car connecting pack with some car cassette deck.
- The cord should be placed so that it does not hinder driving.
- **To disconnect the cord from the CD player,** pull it out by grasping the plug. Never pull the plug out by the cord.
- With some car cassette decks, you may hear some rattling noise from the car connecting pack. However, this is not a sign of malfunction.

Precautions

- Do not install the CD player in a location which:
  — interferes with your driving.
  — may be dangerous for passengers.
  — interferes with the glove box lid or ashtray when opening it.
  — is near heat sources.
  — is subject to direct sunlight, excessive dust, or moisture (especially on a dashboard).
- The 4.5V DC plug supplied with car battery cord conforms to the proposed standards of the Japan Electronics and Information Technology Industries Association (JEITA). Do not connect it to other players.

Polarity of the plug (JEITA standards)

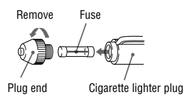
Please understand that we will not incur any obligations for troubles caused by incorrect installation.

If you have any questions or problems concerning your CD player, please contact your nearest Sony dealer.

Fuse Replacement

If the CD player does not operate, check the fuse.
If it is blown, replace it as follows:

1. Turn off the CD player and remove the cigarette lighter plug from the cigarette lighter socket.
2. Remove the plug end by turning it counterclockwise.
3. Remove the defective fuse from the plug.
4. Insert a new fuse into the plug.
5. Replace the plug end by turning it clockwise.



Notes

- Be sure to use a fuse of the same amperage and length as the one to be replaced. Never use a piece of wire as a substitute for the fuse.
- If the fuse is blown again after replacing it, contact your nearest Sony dealer. In such a case, bring the defective fuse to the dealer with you.

Specifications

Car connecting pack

Frequency response: 50 - 20 000 Hz*
* Differs depending on your car cassette deck.
Dimensions: Approx. 102.4 × 12.1 × 63.8 mm
($4\frac{1}{8}$ x $\frac{1}{2}$ x $2\frac{5}{8}$ in.) (w/h/d) including projecting parts
Mass: Approx. 42 g (1.5 oz.)
Cord length: Approx. 1.5 m

Car battery cord

Input voltage: DC 12 V/24 V (only for negative ⊖ grounded cars)
Rated output voltage: DC 4.5 V
Rated output current: 500 mA
Dimensions: Approx. 32 × 28.1 × 95.5 mm
($1\frac{5}{16}$ x $1\frac{1}{8}$ x $3\frac{7}{8}$ in.) (w/h/d) including projecting parts
Mass: Approx. 53 g (1.9 oz.)
Cord length: Approx. 1.5 m

Design and specifications are subject to change without notice.

This warranty is valid only in the United States.

SONY

Tape Cassette Player/Recorder/CD Player/Mini Disc DAT/Radio/Head Phone/Speaker/MIC/Personals

Portable Audio

LIMITED WARRANTY

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 Customer Information Services Center
1-800-222-7669
or visit the Sony Web Site:
www.sony.com

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

1-800-488-SONY (7669)

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