

# Portable CD Player

## Operating Instructions



### D-EJ100/EJ106CK/EJ109

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<http://www.sony.net/>

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

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
- CLASS 1M INVISIBLE LASER RADIATION WHEN OPEN
- DO NOT 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).

**For customers who purchased the Psyc model**

Illustrations of the basic model are used in this manual. Though certain aspects of the appearance are different, the location of controls and operating procedures are the same as those of the basic model.

**For customers who purchased this product in the USA**

**Owner's Record**

The model number and the serial number are located at the rear of the CD player. 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. \_\_\_\_\_

**Product registration**

Please register this product on line at [www.sony.com/walkmanreg](http://www.sony.com/walkmanreg)  
<<http://www.sony.com/walkmanreg>>

Proper registration will enable us to send you periodic mailings about software upgrades, new products, services and other important announcements. Thank you.

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.

**Power Sources**

**To use the AC power adaptor (C)**

- 1 Connect the AC power adaptor to an AC outlet.

**To use the batteries (B)**

Use only the following batteries for your CD player:

**Dry batteries**

- LR6 (size AA) alkaline batteries

**To insert the batteries**

- 1 Open the battery compartment lid inside your CD player.
- 2 Insert two batteries by matching the ⊕ to the diagram in the battery compartment and close the lid until it clicks into place.

**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	
	ON	OFF
Two Sony alkaline batteries LR6 (SG) (produced in Japan)	50	45

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

**To check the remaining power of the batteries**

You can check it in the display. Replace the batteries when "Lo batt\*" flashes.



\*Beep sounds.

**Notes**

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

**Notes on using the dry batteries**

- Be sure to remove the AC power adaptor.
- When the batteries are depleted, replace both batteries with new ones.

**Playing a CD**

**To insert a CD**

- 1 Slide OPEN to open the lid (A).
- 2 Fit the CD to the pivot, then close the lid (D).

**Notes**

- 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.

**To operate the CD player**

Button/Switch	Function/Operation
1  ◀▶  (AMS*/search)	Press  ◀  or  ▶  once to find the beginning of the current/next track. Press  ◀  or  ▶  repeatedly to find the beginning of the previous/succeeding tracks. Press and hold  ◀  or  ▶  to go backward/forward quickly.
2  ⏸  (play/pause)	• Press to start play. Press again to pause play. To play from the first track, press for 2 seconds or more while the CD player is stopped. • Also press to enter the selection.
3 HOLD	Use to lock the controls to prevent accidental button presses.
4 DISPLAY/MENU	• Press once to display "track number and remaining time of the current track." Press twice to display "the number of tracks left and the time remaining on the CD." Press three times to display "track number and elapsed playing time (normal display)." • Also press to enter the menu and to enter the selection.
5 P MODE/↺ (play mode/repeat)	During play, press repeatedly until the play mode you want appears on the display. No indication: Normal play "1": Single track play "SHUF": Shuffle play "◀▶": Bookmark track play "PGM": PGM (program) play To repeat the play mode you selected, press and hold until "↺" appears.
6 SOUND*2	• Use to emphasize the bass-boosted sound. Press repeatedly to select BASS or BASS ENHANCES more than BASS. BASS ENHANCES enhances more than BASS.*3 • Also use to keep down the maximum volume to protect your hearing. Press and hold until "AVLS*" appears in the display. The AVLS function is turned on. To turn off the AVLS function, press and hold again until "AVLS" disappears.
7 ■ (stop)	Press to stop play.
8 VOL +/-	Press to adjust the volume.
9 Hook	Use to hang the remote control on a knapsack, etc.

\*1 AMS = Automatic Music Sensor

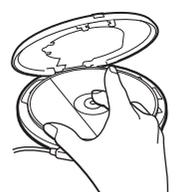
\*2 If you disconnect the power sources, all settings returns to the defaults.

\*3 If the sound is distorted when using the SOUND function, turn down the volume.

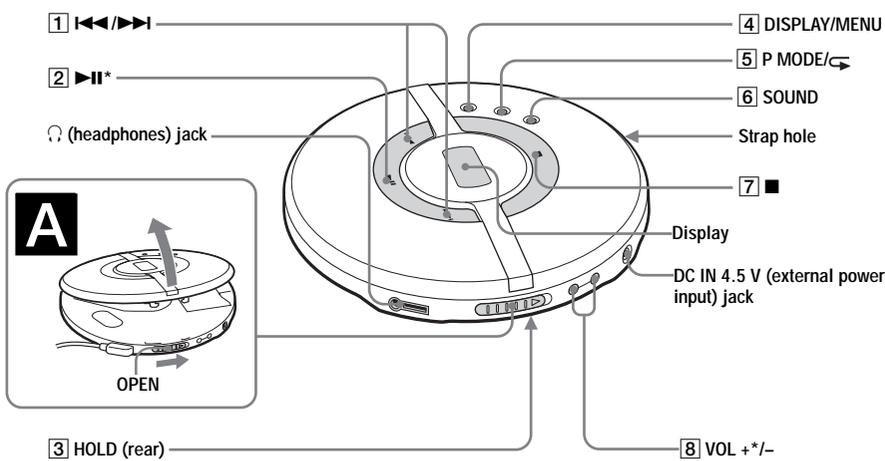
\*4 AVLS = Automatic Volume Limiter System

**To remove the CD**

Remove the CD while pressing the pivot as illustrated below.

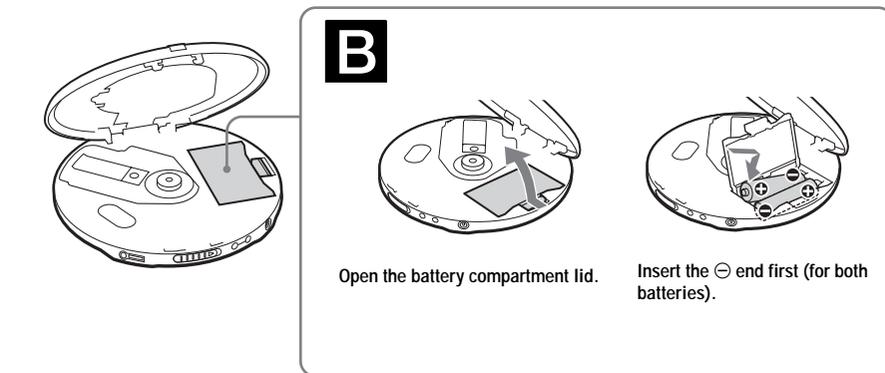


**CD player (front)**

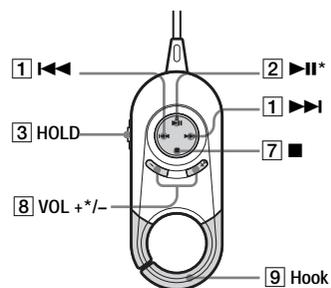


\*The button has a tactile dot.

**CD player (inside)**

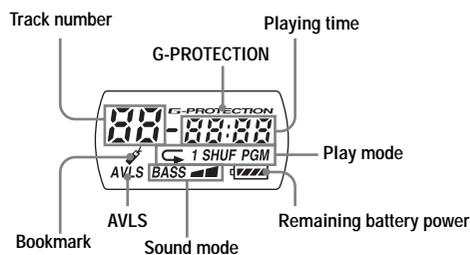


**Remote control (D-EJ100 only)**



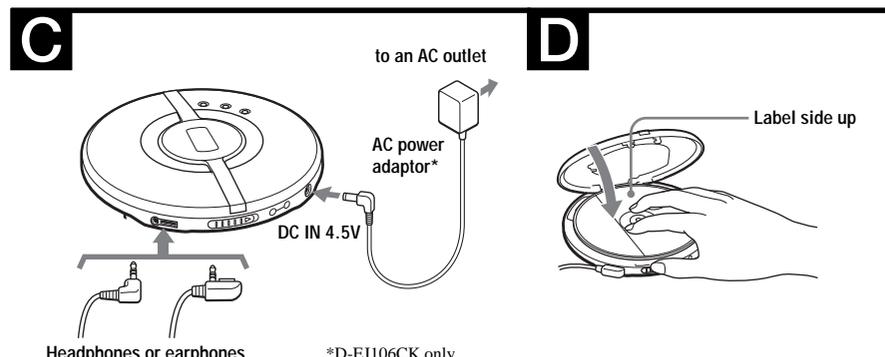
\*The button has a tactile dot.

**Display on the CD player**



**Note**

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



Headphones or earphones \*D-EJ106CK only

## Playing your favorite tracks by adding Bookmarks

(Bookmark track play)

You can add Bookmarks to up to 99 tracks for each CD. You can use this function for up to 5 CDs.

### To add Bookmarks

- 1 During playback of the track where you want to add a Bookmark, press and hold **▶||** until “” (Bookmark) flashes on 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 **▶||**.

“” 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 **▶||** 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 6th 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.

## 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 Press **◀◀** or **▶▶** to select a track.
- 3 To enter the selected track, press and hold **▶||** until the playing order increases by one. “00” appears and the playing order increases by one.
- 4 Repeat steps 2 and 3 to select the tracks in your favorite order.
- 5 Press **▶||** to start PGM play.

### To check the program

**During programming:**

Press and hold **▶||** repeatedly before step 5.

**During the PGM play:**

Press P MODE/ repeatedly until “PGM” flashes, then press and hold **▶||** repeatedly.

Each time you press **▶||**, 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.

## Other functions

You can make the following settings using the menu.

### The timer function

You can set the CD player to stop playback automatically within a range of 5 to 95 minutes at 5 minute intervals.

When the CD player is playing and the timer function is activated, the track number flashes on the display.

### The G-PROTECTION function

This function has been developed to provide excellent protection against sound skipping during many active uses.\*

### Turning off the beep sound

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

\* 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.

### How to set

- 1 While play is stopped, press DISPLAY/MENU until “t-SEt” appears.  
From this step on, start the next operation within 15 seconds after you finish the previous operation. If the indications on the display disappear, start from step 1 again.
- 2 Press **◀◀** or **▶▶** to select the Menu 1 item, then press DISPLAY/MENU or **▶||**.  
The Menu 2 item starts flashing.
- 3 Press **◀◀** or **▶▶** to select the Menu 2 item, then press DISPLAY/MENU or **▶||** to enter the selection.  
When the item has been entered properly, the item stops flashing.

To return to the previous screen, press **■**.

To cancel the setting operation, press and hold **■**.

### List of menus

Setting	Menu 1	→	Menu 2
Timer*	t-SEt	--	05 : : 95
G-PROTECTION	SEt		on off
Turning off the beep sound	bEEP		b on b off

\* You can set this item during both play and stop. The time set is estimated.

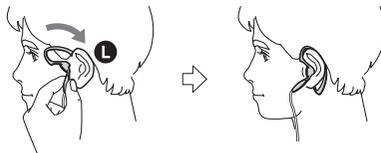
### Note

If you disconnect the power sources, all settings return to the defaults.

## Wearing the supplied headphones (D-EJ100 only)

The following procedures are for wearing on the left ear.

- 1 Hook the **L** part over your left ear and the **R** part over your right ear as illustrated.



- 2 Hook the headphones around your ears, as you would with glasses.
- 3 Adjust the earpieces to comfortably fit your ears.

### Note on handling the supplied headphones

Do not put weight or pressure on the headphones as it may cause the headphones to deform during long storage.

## 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 AC power adaptor

- Use only the AC power adaptor supplied. If your CD player is not supplied with the one, use the AC-E45HG AC power adaptor. 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, 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 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, benzene or thinner.

### 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.

## 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.

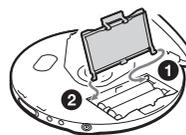
→ The buttons are locked. Slide HOLD back.

### The volume does not increase even if you press VOL + repeatedly.

→ Press and hold SOUND until “AVLS” disappears from the display.

### The battery compartment lid is detached by an accidental drop, excessive force, etc.

→ Attach it as illustrated below.



## Specifications

### System

Compact disc digital audio system

### Laser diode properties

Material: GaAlAs

Wavelength:  $\lambda = 780$  nm

Emission duration: Continuous

Laser output: Less than 44.6  $\mu$ W (This output is the value measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

### Power requirements

- Two size AA (LR6) batteries: 1.5 V DC  $\times$  2
- AC power adaptor (DC IN 4.5 V jack):  
220 V, 50 Hz (Model for China)  
120 V, 60 Hz (Model for Mexico)

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

Approx. 135.8  $\times$  22.8  $\times$  135.8 mm (5  $\frac{3}{8}$   $\times$  2  $\frac{1}{2}$   $\times$  5  $\frac{3}{8}$  in.)

Approx. 135.8  $\times$  23.5  $\times$  135.8 mm (5  $\frac{3}{8}$   $\times$  1  $\frac{5}{16}$   $\times$  5  $\frac{3}{8}$  in.)\*

\*Psync model

### Mass (excluding accessories)

Approx. 180 g (6.4 oz)

Approx. 188 g (6.7 oz)\*

\*Psync model

### Operating temperature

5°C - 35°C (41°F - 95°F)

Design and specifications are subject to change without notice.

## Supplied Accessories

### D-EJ100

Headphones/earphones with remote control (1)

### D-EJ106CK\*

AC power adaptor (1)

Headphones/earphones (1)

Car connecting pack (1)

Car battery cord (1)

Rotary commander (1)

Velcro tapes for the CD player (2)

Velcro tape for the rotary commander (1)

\* “Operating Instructions for the car kit” is enclosed.

### D-EJ109

Headphones/earphones (1)

## 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.

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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)