TV/WB/FM/AM Portable CD Player

Operating Instructions



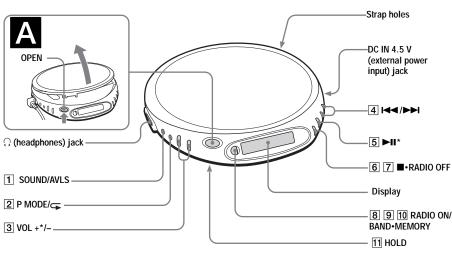
D-FJ210

Sony Corporation ©2002 Printed in China

http://www.sony.net/

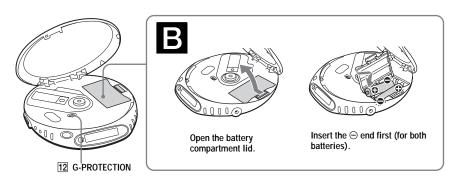
"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products. We Walking is a trademark of Sony Corporation.

CD player (front)



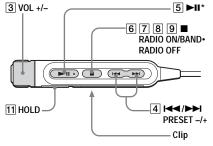
*The button has a tactile dot

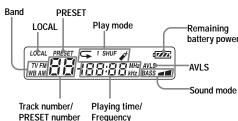
CD player (inside)



Remote control

Display on CD player

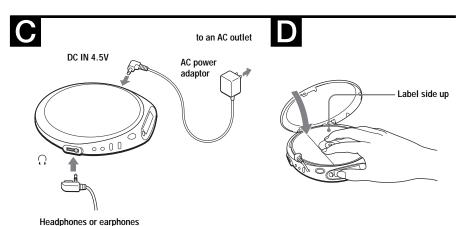




*The button has a tactile dot.

Note

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



WARNING

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

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 INSTRUMENT

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

Owner's Record

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

Model No. D-FJ210 Serial No.

For the customers in the USA

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 quarantee that interference will not occur in a 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.

If you have any questions about this product, you may call: Sony Direct Response Center 1-(800)-222-7669

Sony Direct Response Center 12451 Gateway Blvd. Fort Myers, FL 33913

Declaration of Conformity

Model No. D-FJ210 Responsible Party: Address:

Sony Electronics Inc. 680 Kinderkamack Road Oradell, NJ 07649 USA Telephone No.: 201-930-6972

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause

Product registration

For the customers in the USA

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

undesired operation.

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

Power Sources

To use the AC power adaptor (C)

1 Connect the AC power adaptor (not supplied) to an

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
- 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		RADIO
	ON	OFF	ON
Two Sony alkaline	40	36	70
batteries LR6 (SG)			
(produced in Japan)			

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

To check the remaining power of the

You can check it in the display Replace the batteries when " flashes



*Beep sounds

Notes

- tor sections of 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 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

Playing a CD

To insert a CD

- 1 Press OPEN to open the lid (\mathbf{A}) .
- 2 Fit the CD to the pivot, then close the lid (**D**).

- 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 SOUND/AVLS*1 • Use to emphasize the bassboosted sound. Press repeatedly to select BASS or BASS BASS enhances more than BASS .*2 Also use to keep down the ne 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. 2 P MODE/ For CD player: Press repeatedly until the play mode you want appears in the display.

No indication: Normal play "1": Single play
"SHUF": Shuffle play ": Bookmark track play

To repeat the play mode you selected, press and hold until "
" appears For radio: Press to switcht the

tuning mode and the preset mode. Press to adjust the volume.

3 VOL+/-4 44/>> (AMS*³/search) (I◀◀/▶▶I•

PRESET-/+)

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 I or I to go backward/forward quickly.
For radio: Press to tune in the station you want. Also press to select the preset station you want

5 ►II Press to start play. Press again to (play/pause) pause play. To play from the first track, press for 2 seconds or more while the CD player is stopped.

6 ■ (stop) Press to stop playing. 7 RADIO OFF Press to turn off the radio. 8 BAND Press to change the band. 9 RADIO ON Press to turn on the radio. 10 MEMORY Press and hold to enter the preset mode. Also press to store the station in memory. 11 HOLD Use to lock the controls to prevent

accidental button presses 12 G-PROTECTION Set it to ON to protect against sound skipping.3

*¹AVLS = Automatic Volume Limiter System
*² If the sound is distorted when using the SOUND function,
turn down the volume.
*³ AMS = Automatic Music Sensor
*⁴ Sound may skip:
- if the CD player receives stronger continuous shock than
expected.

- - 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

ve the CD while pressing the pivot.



To turn 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.

- Remove the power source (AC power adaptor, dry
- Connect the power source while pressing

To turn on the beep sound

batteries) from the CD player.

Remove the power source and then connect the power source without pressing

.

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

- During playback of the track where you want to add a Bookmark, press and hold luntil "
 (Bookmark)" flashes in the display.
 When the Bookmark has been added successfully, flashing of " becomes slow.
- 2 Repeat step 1 to add Bookmarks to the tracks you

To listen to the tracks with Bookmarks

- 1 Press P MODE/← repeatedly until "ℯ*" flashes.
- Press ►II.
 - "ights 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 I until "" disappears from the display

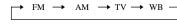
To check the tracks with Bookmarks

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

- 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
- If you remove all power sources, all Bookmarks stored in memory will be erased.

Listening to the radio

- 1 Press RADIO ON to turn on the radio
- Press BAND until the band you want appears. Each time you press the button, the display changes as



3 Press or ▶▶ on the CD player to tune in the

Tuning mode and Preset mode

To switch the tuning mode and the preset mode, use P MODE/

When the preset number appears in the display, the CD player is in the preset mode and you can use ◄◄/▶►

PRESET —/+ to select the preset number.

To enter the tuning mode, press P MODE/\$\sigma\$ to make the preset number disappear from the display. Use | <- | >>> |

on the CD player to tune in the station.

To turn off the radio

Press ■•RADIO OFF. (Press and hold ■•RADIO ON/BAND•RADIO OFF on the remote control.)

To tune in the station quickly

Press and hold I or D on the CD player in step 3 until the frequency digits begin to change in the display. The CD player automatically scans the radio frequencies and stops when it finds a clear station

To improve broadcast reception



Headphones or earphones

For AM, reorient the CD player itself.



Keep the headphones connected to the ⋂ jack of the CD player. The headphones cord works as the FM/TV/WB

If it is hard to hear the FM broadcast

Press and hold PLAY MODE/ until "LOCAL" appears n the display.

Under the normal conditions, press and hold PLAY MODE/ until "LOCAL" disappears from the

When listening to the radio on batteries

If you connect the external power source plug to the DC IN 4.5 V jack of your CD player, the CD player will turn off. Turn it on by pressing RADIO ON to continue listening to it.

Presetting radio stations

You can preset up to 51 stations: 30 for FM, 10 for AM, 7 for TV, and 4 for WB.

- 1 Press RADIO ON to turn on the radio
- Press BAND to select the band.
- Press ◄ or ▶ on the CD player to tune in the station you want
- 4 Hold down MEMORY until "PRESET" flashes in the

From this step on, start the next operation within 30 seconds after you finished the previous operation. If 30 seconds pass with nothing done, "PRESET" stops flashing which shows that the CD player has exited the PRESET MEMORY standby mode. If this happens, start from step 4 again.

- 5 Press **!** or **▶▶** on the CD player repeatedly to select the preset number you want to store the station on while "PRESET" flashes.
- 6 Press MEMORY.

When the station is preset successfully, the beep sounds and "PRESET" stops flashing in the display. The new station replaces the old one.

To preset another station, press PLAY MODE/ and repeat steps 2 to 6.

To exit the PRESET MEMORY standby mode

When the radio is turned on, you can exit the PRESET MEMORY standby mode using one of the following procedures. Preset stations, however, will remain stored in the CD player's memory.

• Hold down MEMORY until "PRESET" stops flashing.

- Do not press any button for 30 seconds. "PRESET" stops flashing.

 Press •RADIO OFF. (Press and hold •RADIO ON/
- BAND. RADIO OFF on the remote control.) The radio

To cancel all preset stations

- Disconnect the power source (alkaline batteries, AC power adaptor).
- While you press and hold down MEMORY, insert alkaline batteries or connect the AC power adaptor

The indications in the display keep flashing until all preset stations are cleared, then stop flashing and disappear from the display.

Playing preset radio stations

- Press RADIO ON to select the band.
- Switch your CD player to the preset mode*, then press

 or → I to tune in a stored station.

 *For details, refer to "Tuning mode and Preset mode."

Changing the tuning interval

When using the CD player abroad, change the AM tuning interval, if necessary. Set the 10k/9k switch (in the battery compartment) to "9 kHz" or "10 kHz" using a pointed

9 kHz area: Asia and Europe 10 kHz area: the U.S.A., Canada and South America



Notes

- The interval will not change until you once turn off the radio
- and then turn it on again.

 After changing the tuning interval, you need to preset radio stations again.

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, nect 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 it, 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, unleveled surface, or in a car with its windows
- 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, benzine 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

"Hold" appears in the display when you press a button, and the CD does not play.

→ The buttons are locked. Slide HOLD back.

checks, consult your nearest Sony dealer

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 dettached by an accidental drop, excessive force, etc.

→ Attach it as illustrated below



Specifications

Compact disc digital audio system

Material: GaAlAs

Laser output: Less than 44.6 µW (This output is the value

Frequency range (10k/9k switch)

10 kHz step: TV: 2 - 13 ch WB (weather band): 1 - 7 ch

FM: 87.5 - 108.0 MHz AM: 530 - 1 710 kHz

9 kHz step:

TV: 2 - 13 ch

WB (weather band): 1 - 7 ch FM: 87.5 - 108.0 MHz AM: 531 - 1 710 kHz

Power requirements

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

AC power adaptor (DC IN 4.5 V jack): U, U2, CA, CA2, E92, MX2, TW2 and CA2/C models:

CED, CED/4, CE7, CE7/C, EE, EE1, E, E13 and E13/2 models: 220 - 230 V, 50/60 Hz CEK model: 230 V, 50 Hz

HK4 model: 230 V, 50/60 Hz CNA model: 220 V, 50 Hz Dimensions (w/h/d) (without projecting

parts and controls)

Mass (excluding accessories)

Approx. 205 g (7.3 oz

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

Design and specifications are subject to change without

Supplied Accessories

This warranty is valid only in the United States.

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

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 autho-rized service facility. After the Warranty Period, you must pay for all labor charges.

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

warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, commercial use, or modification of, or to any part of the Product, including the antenna. This wont cover damage due to improper voltage su pited repair by anyone other than a facility authorized by Sony to service the Product. This warran vover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This w d 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.

arranty is invalid if the factory applied serial number has been altered or remo

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, SONY SHALL NOT BE ILBALE FOR ANY INCIDENTAL OR CONSEQUENTAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPUED WARRANTY ON THIS PRODUCT, EXCEPT TO THE EXTENT PROHIBE OF A PRICIABLE LAW, ANY IMPLED WARRANTY OF MERCHANTABILITY OR HTINESS 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 limitat on how long an implied warranty lasts, so the above finitiations or exclusions may not apply to you. In addit fyou enter into a service contract with the Sony Partnership within 90 days of the date of sels, the limitation how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and may have other rights which vary from state to state.

ence, Sony Electronics Inc. has established telephone numbers for frequently asked qu 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:

ory or part not available from your authorized dealer, call

System

Laser diode properties

Wavelength: 1 = 780 nm Emission duration: Contin

measured at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

Two LR6 (size AA) batteries: 3 V DC

120 V. 60 Hz

AU2 model: 240 V, 50 Hz EU8, EU8/C, JE.W, E18, KR4 and EE8 models: 100 - 240 V, 50/60 Hz

Approx. $136 \times 26 \times 150 \text{ mm}$ (5 $\frac{3}{8} \times 1 \frac{1}{16} \times 6 \text{ in.}$)

Headphones/earphones with the remote control (1)

SONY

LIMITED WARRANTY Portable Audio

PARTS: In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for its for a period of one (1) year. After 90 days from the date of purchase, labor for removal and insallable 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.

Sony Direct Response Cet 1-(800)-222-7669 or write to: Sony Direct Response Cen 12451 Gateway Blvd. Fort Myers, FL 33913

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