TV/WB/FM/AM Portable CD Player

Operating Instructions



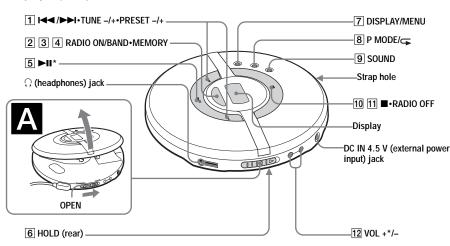
D-FJ200

Sony Corporation ©2003 Printed in China

http://www.sony.net/

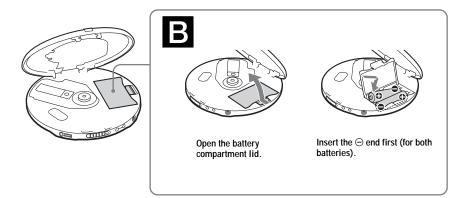
"WALKMAN" is a registered trademark of Sony Corporation to represent Headphone Stereo products. We use known is a trademark of Sony Corporation.

CD player (front)



*The button has a tactile dot

CD player (inside)

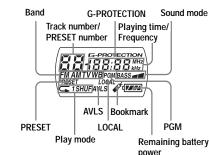


Remote control

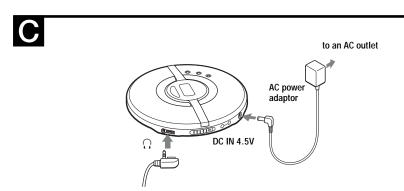
-1 ▶▶ ■ RADIO ON BAND•OFF 12 VOL +*/

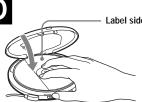
- 13 Hook *The button has a tactile dot

Display on CD player



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









WARNING

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

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

CAUTION

- INVISIBLE LASER RADIATION WHEN OPEN
 OO NOT STARE INTO BEAM OR VIEW DIRECTLY
- WITH OPTICAL INSTRUMENT
- CLASS IM 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 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 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-FJ200

Product registration
Please register this product on line at www.sony.com/productregistration.

http://www.sony.com/productregistration

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.

If you have any questions about this product, you may call; Sony Customer Information Services Center 1-800-222-7669 or http://www.sony.com/

Declaration of C	onformity
Trade Name:	SONY
Model No.:	D-FJ200
Responsible Party:	Sony Electronics Inc.
Address:	680 Kinderkamack Road,
	Oradell, NJ 07649 USA
Telephone No.:	201-930-6972
This device compli	es with Part 15 of the FCC Rules.
Operation is subjec	t to the following two conditions:
(1) This device may	y not cause harmful interference,
and (2) this device	must accept any interference
received, including	interference that may cause
undesired operation	1.
This equipment has b	peen tested and found to comply with
	B digital device, pursuant to Part 15
	nese limits are designed to provide
	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, harmtu interference to lador communications. Towere, 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 which can be determined by turning the equipment of 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

- Constitution details of an experience ratio IV 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 area code of the model you purchased, check the upper left side of the bar code on the package.

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

To insert the batteries

- 1 Open the battery compartment lid inside your CD
- $2\quad \text{Insert two batteries by matching the} \ \oplus \ \text{to the diagram} \\ \text{in the battery compartment and close the lid until it} \\$ 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		RADIO ON	
Two Sony alkaline batteries LR6 (SG) (produced in Japan)	48	42	70	

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

To check the remaining power of the

You can check it in the display

 $\P \hspace{-1pt} \begin{array}{c} \P \hspace{-1pt} \hspace{-$



Notes

- The indicator 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 (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 come packed.

To operate the CD player				
Button/Switch	Function/Operation			
1 I I I I I I I I I I I I I I I I I I I	For CD player: Press I or I once to find the beginning of the current/next track. Press I or I repeatedly to find the beginning of the previous succeeding tracks. Press and hold I or I to g backward/forward quickly. For radio: Press to tune in the station you want. Also press to select the preset station you wan			
2 RADIO ON	Press to turn on the radio.			
3 BAND	Press to change the band.			
4 MEMORY	Press and hold to enter the preset mode. Also press to store the station in memory.			
5 ►II (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.			
6 HOLD	Use to lock the controls on your CD player or remote control to prevent accidental button presses. HOLD on the CD player works only for the player, while HOLD on the remote control works only for the remote control.			
7] 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.			

Button/Switch	Function/Operation
8 P MODE/C (play mode/repeat)	For CD player: 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 ">" Shuff": Shuffle play "PGM": PGM (program) play To repeat the play mode you selected, press and hold until "¬" appears. For radio: Press to switch the tuning mode and the preset mode.
9 SOUND*2	Use to emphasize the bassboosted sound. Press repeatedly to select BASS or B
10 ■ (stop)	Press to stop playing.
11 RADIO OFF	Press to turn off the radio.
12 VOL+/-	Press to adjust the volume.
13 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 return 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 (**E**).

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 ►II until "✓ (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

"#" 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 ►II 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 orde 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.

Playing tracks in your favorite order (PGM play)

You can program the CD player to play up to 64 tracks in

- 1 During playback, press P MODE/← repeatedly until
- 2 Press **◄** or **▶** to select a track.
- $\label{eq:continuous} 3\quad \text{To enter the selected track, press and hold} \; \blacktriangleright \text{II} \; \text{ until the playing order increases by one.}$ "00" appears and the playing order increases
- 4 Repeat steps 2 and 3 to select the tracks in your favorite order.
- 5 Press ►II to start PGM play.

To check the program

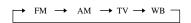
During programming:
Press and hold ►II repeatedly before step 5.
During the PGM play:

Press P MODE/ ☐ repeatedly until "PGM" flashes, then press and hold ☐ repeatedly.
Each time you press ☐ the track number appears.

- When you finish entering the 64th track in step 3, the first
- If you select more than 64 tracks, the first selected

Listening to the radio

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



3 Press TUNE + or − (or > on the remote control) to tune in the station you want and adjust 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 + or to select the preset number.

To enter the tuning mode, press P MODE/ to make the preset number disappear from the display. Use TUNE + or · (I or ▶ on the remote control) to tune in the

To turn off the radio

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

To tune in the station quickly

Press and hold TUNE + or - in step 3 until the frequency digits begin to change in the display. The CD player automatically scans the radio frequencies and stops when

To improve broadcast reception For TV/WB/FM, extend the headph



For AM, reorient the CD player itself.



Note Keep the headphones connected to the \(\infty \) 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 in 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 cont 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
- 2 Press BAND to select the band.
- 3 Press TUNE + or (\blacktriangleleft or \triangleright) on the remote control) to tune in the station you want
- 4 Hold down MEMORY until "PRESET" flashes in the
 - 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.
- $5 \quad Press\ PRESET + or repeatedly\ to\ select\ the\ preset$ nber 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
- Press ■•RADIO OFF. (Press and hold ■•RADIO ON/ BAND•RADIO OFF on the remote control.) The radio

To cancel all preset stations

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

- 1 Press BAND to select the band.
- 2 Switch your CD player to the preset mode*, then press PRESET + or to tune in a stored station. *For details, refer to "Tuning mode and Preset mode."

Other functions

You can make the following settings using the menu

The timer function*1

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.*2

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

Changing the tuning interval

When using the CD player abroad, change the AM tuning interval, if necessary.*3. *4

9 kHz area: Asia and Europe

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

- *1 When listening to the radio, this function does not work.
- 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.
- *3 The interval will not change until you turn off the radio once and then turn it on again.

 *4 After changing the tuning interval, you need to preset radio

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

2 Press \blacktriangleleft or \blacktriangleright to select the Menu 1 item, then press DISPLAY/MENU or ▶II.

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 ■

Setting	Menu 1	\rightarrow	Menu 2
Timer*	t-SEt		
			05
			:
			:
			95
G-PROTECTION	SEt		on
			off
Turning off the	bEEP		b on
beep sound			b off
Changing the tuning	StEP		AM 9kHz
interval			AM 10kHz

* You can set this item during both play and stop. When listening to the radio, this function does not work. The time set is estimated.

Note

If you disconnect the power sources, all settings return to

Precautions

On safety

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

On power sources

hen 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 it, use the AC-E45HG AC wer 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 accessibl AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet

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 olume while walking, especially at pedestrian cro 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,

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 moister 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 checks, consult your nearest Sony dealer

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

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.



Specifications

System

npact disc digital audio system

Laser diode properties

Material: GaAlAs Wavelength: 1 = 780 nm Emission duration: Continuous Laser output: Less than 44.6 uW (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.)

Frequency range (10k/9k)

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 - 1710 kHz

Power requirements

- Two LR6 (size AA) batteries: 1.5 V DC × 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. $135.8 \times 24.3 \times 135.8 \text{ mm} (5 \frac{3}{8} \times \frac{31}{32} \times 5 \frac{3}{8} \text{ in.})$

Mass (excluding accessories)

Approx. 191 g (6.8 oz)

5°C - 35°C (41°F - 95°F)

Operating temperature

Design and specifications are subject to change without

Supplied Accessory

Headphones/earphones with remote control (1)

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

This warranty is valid only in the United States.

SONY

Tape Cassette Player/Recorder/CD Player/Mini Disc

Portable Audio

LIMITED WARRANTY

Sony Electronics Inc. ("Sony") warrants this Product (including any accessories) against defects in material or

- 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.
- 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

2. PARTS: In addition, Sony will supply, at no charge, new or rebuilt replacements in exchange for defective

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 prob-

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

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 PARTICU-LAR 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:

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

1-800-488-SONY (7669)