

# Troubleshooting

## General

The power does not come on.

- Connect the AC power adaptor securely.
- Make sure the batteries are inserted correctly.
- Replace all the batteries with new ones if they are weak.

There is no audio.

- Unplug the headphones when listening through speakers.

Noise is heard.

- Someone is using a portable telephone or other equipment that emits radio waves near the player. → Move the portable telephone, etc., away from the player.

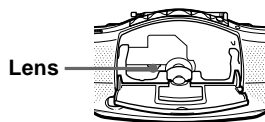
## CD Player

The CD does not play or “- -” lights in the display even when a CD is in place.

- Place the CD with the label surface facing you.
- Clean the CD.
- Take out the CD and leave the CD compartment open for about an hour to dry moisture condensation.
- The CD-R/CD-RW was not finalized. Finalize the CD-R/CD-RW with the recording device.
- There is a problem with the quality of the CD-R/CD-RW, recording device or application software.

The sound drops out.

- Reduce the volume.
- Clean the CD, or replace it if the CD is badly damaged.
- Place the player in a location free from vibration.
- Clean the lens with a commercially available blower.
- The sound may drop out or noise may be heard when using poor quality CD-Rs/CD-RWs or if there is a problem with the recording device or application software.



## Radio

The audio is weak or has poor quality.

- Replace all the batteries with new ones if they are weak.
- Move the player away from the TV.

The picture of your TV becomes unstable.

- If you are listening to an FM program near the TV with an indoor antenna, move the player away from the TV.

After trying the above remedies, if you still have problems, unplug the AC power adaptor and remove all the batteries. After all the indications in the display disappear, plug the AC power adaptor and insert the batteries again. If the problem persists, please consult your nearest Sony dealer.

# Precautions

## On safety

- As the laser beam used in the CD player section is harmful to the eyes, do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Should any solid object or liquid fall into the player, unplug the player, and have it checked by qualified personnel before operating it any further.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this player. Attempting to do so may damage the player. Do not use such discs.

## Cleaning the cabinet

- Clean the cabinet, panel and controls with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent, such as alcohol or benzine.

## On power sources

- For AC operation, use the supplied AC power adaptor; do not use any other type.
- The player is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the player itself has been turned off.
- Unplug the player from the wall outlet when it is not to be used for an extended period of time.
- For battery operation, use four size AA (R6) batteries.
- When the batteries are not to be used, remove them to avoid damage that can be caused by battery leakage or corrosion.
- The nameplate indicating operating voltage, power consumption, etc. is located at the bottom.

## On placement

- Do not leave the player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or mechanical shock.
- Do not place the player on an inclined or unstable place.
- Do not place anything within 10 mm of the side of the cabinet. The ventilation holes must be unobstructed for the player to operate properly and prolong the life of its components.
- If the player is left in a car parked in the sun, be sure to choose a location in the car where the player will not be subjected to the direct rays of the sun.
- Since a strong magnet is used for the speakers, keep personal credit cards using magnetic coding or spring-wound watches away from the player to prevent possible damage from the magnet.

## On operation

- If the player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lenses inside the CD player section. Should this occur, the player will not operate properly. In this case, remove the CD and wait about an hour for the moisture to evaporate.

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

## Notes on CDs

- Before playing, clean the CD with a cleaning cloth. Wipe the CD from the center out.
  - Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.
  - Do not expose the CD to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight as there can be a considerable rise in temperature inside the car.
  - Do not stick paper or sticker on the CD, nor scratch the surface of the CD.
  - After playing, store the CD in its case.
- If there is a scratch, dirt or fingerprints on the CD, it may cause tracking error.



# SONY®

## Personal Audio System

### Operating Instructions

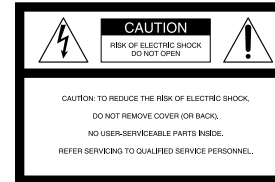
## CFD-E10

Sony Corporation ©2002  
Printed in China

3-234-994-11(1)

## WARNING

To prevent fire or shock hazard, do not expose the player to rain or moisture.



This symbol is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions accompanying the appliance.

## CAUTION

The use of optical instruments with this product will increase eye hazard.

## WARNING

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

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the appliance.

## Information

### For 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.

### Owner's Record

The model number is located at the bottom and the serial number is located in the battery compartment. 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. CFD-E10  
Serial No. \_\_\_\_\_

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

# Specifications

## CD player section

System  
Compact disc digital audio system  
Laser diode properties  
Material: GaAlAs  
Wave length: 780 nm  
Emission duration: Continuous  
Laser output: Less than 44.6 μW  
(This output is the value measured at a distance of about 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)  
Spindle speed  
200 r/min (rpm) to 500 r/min (rpm) (CLV)  
Number of channels  
2  
Frequency response  
20 - 20,000 Hz +1/-2 dB  
Wow and flutter  
Below measurable limit

## Radio section

Frequency range  
FM: 87.5 - 108 MHz  
AM: 530 - 1,710 kHz  
Antennas  
FM: Telescopic antenna  
AM: Built-in ferrite bar antenna

## General

Speaker  
Full range: 5.7 cm dia., 2.7 Ω, cone type (2)  
Outputs  
Headphones jack (stereo minijack)  
For 8 - 32 ohms impedance headphones  
Power output  
1 W + 1 W (at 2.7 Ω, 10 % harmonic distortion in AC operation)  
Power requirements  
DC IN 6 V accepts:  
Supplied AC power adaptor for use with 120 V AC, 60 Hz  
6 V DC, 4 size AA (R6) batteries  
Power consumption  
DC 11.5 W  
Battery life  
When playing a CD:  
Sony R6P: approx. 2 hours  
Sony alkaline LR6: approx 4 hours  
Dimensions  
Approx. 315 × 131 × 70 mm (w/h/d) (12 5/8 × 5 1/4 × 2 7/8 inches) (incl. projecting parts)  
Mass  
Approx. 920 g (2 lb.) (incl. batteries)  
Supplied accessory  
AC power adaptor (1)

Design and specifications are subject to change without notice.

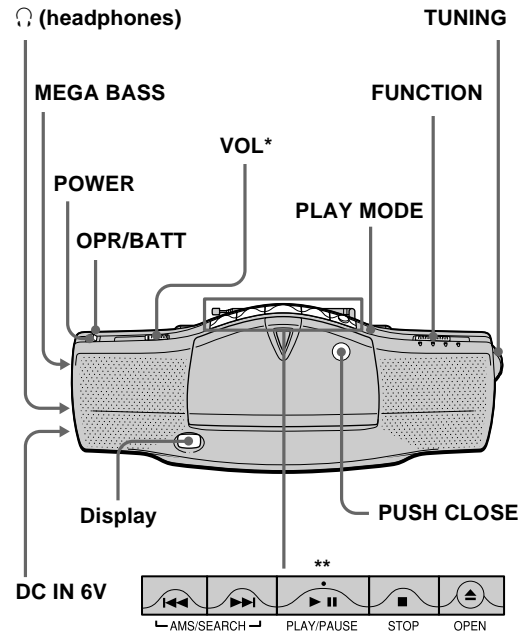
Optional accessories  
Sony MDR headphone series

### For customers in the USA

Please register this product on line at <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.

## Location of controls



- \* There is a tactile dot beside VOL to show the direction to turn up the volume.
- \*\* The ►|| button has a tactile dot.

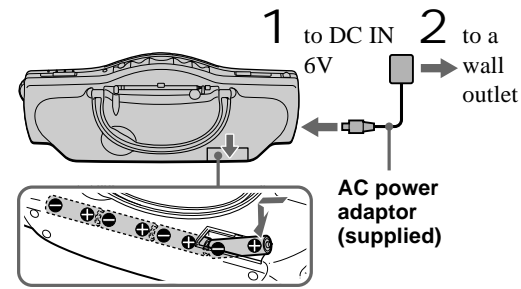
To listen through headphones  
Connect the headphones to the (headphones) jack.

To reinforce the bass sound  
Set MEGA BASS to "ON".

To return to normal sound, set the switch to "OFF".

## Choosing Power Sources

### Connecting the AC power adaptor

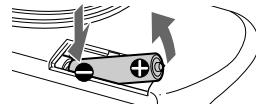


### Using the player on batteries

Insert four size AA (R6) batteries (not supplied) into the battery compartment.

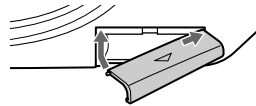
### To release the battery

Press the ⊖ side of the battery and then take out the battery.



If the battery compartment lid comes off

Insert the right corner of the lid and then insert the left corner aligning it to the groove of the battery compartment.

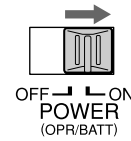


### Notes

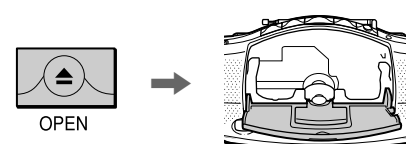
- To use the player on batteries, disconnect the AC power adaptor from the player. The player does not operate on batteries as long as the AC power adaptor is connected.
- Replace the batteries when the OPR/BATT indicator dims or when the player stops operating. Replace all batteries with new ones.

## Playing a CD

1 Turn on the player.

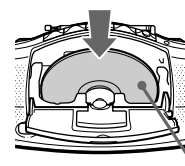


2 Press ▲ to open the CD compartment.

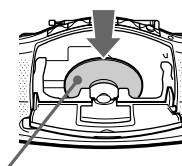


3 Place a CD in the CD compartment.

**12 cm CD**  
Push down until it clicks into place.

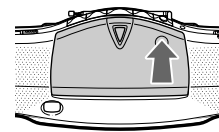


**8 cm CD**  
Insert aligning the center part.

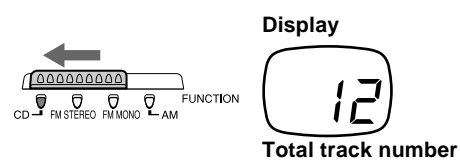


With the label side facing you

4 Press PUSH CLOSE to close the lid of the CD compartment.

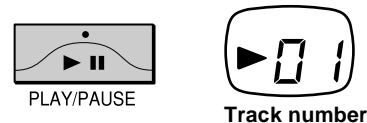


5 Set FUNCTION to "CD".



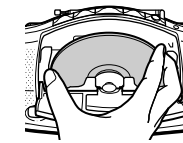
6 Press ►||.

The player plays all the tracks once.



To	Do this
adjust the volume	Slide VOL.
stop playback	Press ■.
pause playback	Press ►  . Press the button again to resume play after pause.
go to the next track	Press ►▶.
go back to the previous track	Press ◀◀.
locate a point while listening to the sound	Press ►▶ (forward) or ◀◀ (backward) while playing until you find the point.
remove the CD	Press ■, then ▲.
turn off the player	Set POWER to "OFF".

### To remove the CD



Be careful not to touch the playing side (the side with no label).

## Selecting play mode

- 1 Set FUNCTION to "CD".
- 2 Press PLAY MODE until the play mode you want appears in the display. Then proceed as follows:

To	Selected play mode and operation you need
repeat a single track	"REP 1": Select the track you want to repeat by pressing ►▶ or ◀◀ and then press ►  .
repeat all tracks	"REP ": Press ►  .
shuffle play	"SHUF ": Press ►  .
repeat tracks in random order	"SHUF REP ": Press ►  .

### To cancel selected play mode

Press PLAY MODE until the selected play mode disappears from the display.

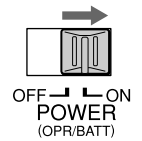
### About CD-Rs/CD-RWs

This CD player can play CD-Rs/CD-RWs recorded in the CD-DA format\*, but playback capability may vary depending on the quality of the disc and the condition of the recording device.

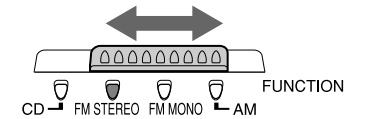
\* CD-DA is the abbreviation for Compact Disc Digital Audio. It is a recording standard used for Audio CDs.

## Listening to the radio

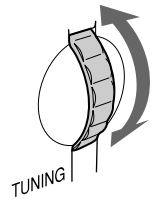
1 Turn on the player.



2 Set FUNCTION to "FM STEREO" or "AM".



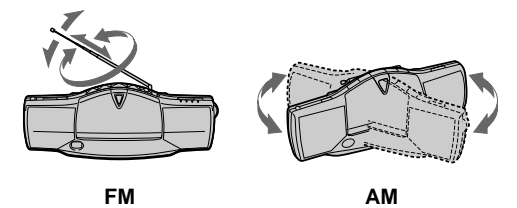
3 Turn TUNING to tune in a radio station.



To	Do this
adjust the volume	Slide VOL.
turn off the radio	Set POWER to "OFF".

### To improve broadcast reception

Reorient the antenna for FM. Reorient the player itself for AM.



### Tip

If the FM broadcast is noisy, set FUNCTION to "FM MONO". The radio will play in monaural.