

Additional Information

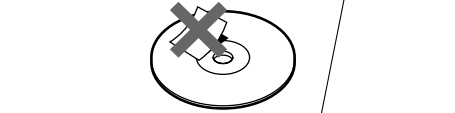
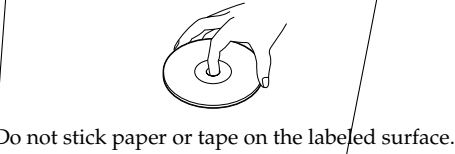
Precautions

- If your car was parked in direct sunlight resulting in a considerable rise in temperature inside the car, allow the unit to cool off before operating it.
- If no power is being supplied to the unit, check the connections first. If everything is in order, check the fuse.
- If no sound comes from the speakers of a two-speaker system, set the fader control to the center position.
- If your car is equipped with a power antenna, it will extend automatically while the unit is operating.

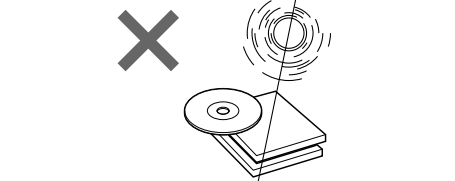
If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Notes on handling CDs

A dirty or defective disc may cause sound dropouts while playing. To enjoy optimum sound, handle the disc by its edge. To keep the disc clean, do not touch the surface.



Do not expose the discs to direct sunlight or heat sources such as hot air-ducts, or leave them in a car parked in direct sunlight where there can be a considerable rise in temperature inside the car.



Before playing, clean the discs with an optional cleaning cloth. Wipe each disc from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.

Notes on discs

If you use the discs explained below, the sticky residue can cause the CD to stop spinning and may cause malfunction or ruin your discs.

Do not use second-hand or rental CDs that have a sticky residue on the surface (for example from peeled-off stickers or from ink, or glue leaking from under the stickers).

There are paste residue  
ink is sticky

Do not use rental CDs with old labels that are beginning to peel off.

Stickers that are beginning to  
peel away, leaving a sticky  
residue

Do not use your CDs with labels or stickers attached.

Labels are attached

Notes on moisture condensation

On a rainy day or in a very damp area, moisture may condense on the lenses inside the CD player. Should this occur, the unit will not operate properly. In this case, remove the disc and wait for about an hour until the moisture evaporates.

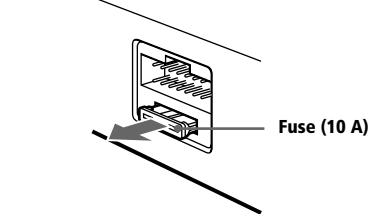
When you play 8 cm (3 in.) CDs

Use the optional Sony compact disc single adapter (CSA-8) to protect the CD player from damage.

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

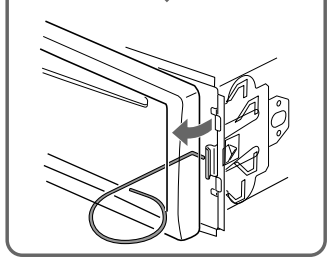
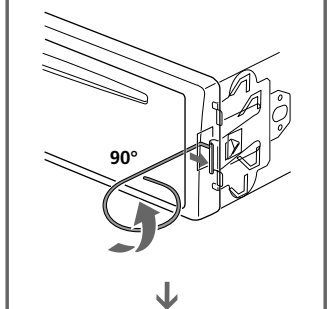
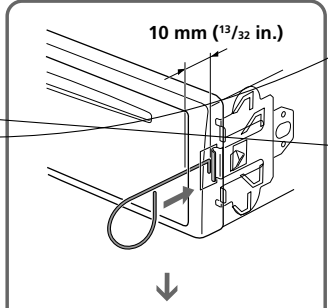
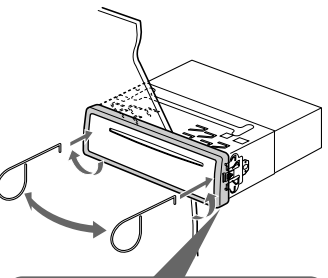


Warning

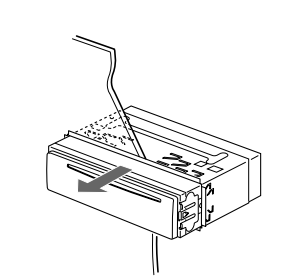
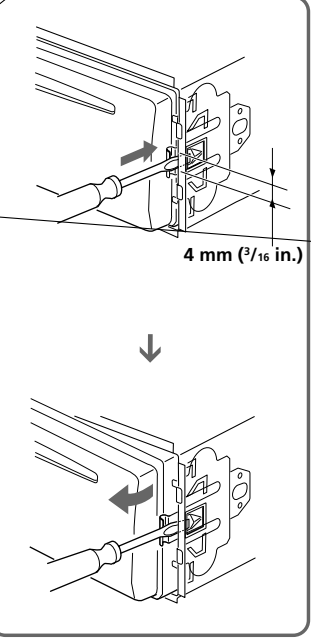
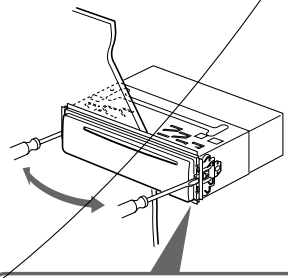
Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

Dismounting the unit

1 Insert the supplied tool between the unit and the frame, and rotate 90° to release the hidden mounting spring. Repeat on the opposite side and remove the frame.



2 Insert a flathead screwdriver between the bracket and mounting spring. Gently pry the spring toward the unit while pulling the unit out a little. Repeat on the opposite side and remove the unit.



Specifications

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

18 watts per channel minimum continuous average power into 4 ohms, 4 channels driven from 20 Hz to 20 kHz with no more than 1 % total harmonic distortion.

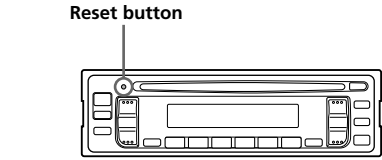
Other specifications

| CD player section   |  | General   |   |
|---|--|---|---|
| System  | Compact disc digital audio system      | Outputs   | Audio output<br>Power amplifier control                       |
| Signal-to-noise ratio   | 90 dB                                  | Power antenna relay control                                     | Bass ±8 dB at 100 Hz  |
| Frequency response  | 10 – 20,000 Hz                         | Tone controls   | Treble ±8 dB at 10 kHz  |
| Wow and flutter   | Below measurable limit                 | Power requirements  | 12 V DC car battery (negative ground)                         |
| Laser Diode Properties  |  | Dimensions  | Approx. 178×50×178 mm (7 1/8 × 2 × 7 1/8 in.) (w/h/d)         |
| Material  | GaAs + GaAlAs                          | Mounting dimensions   | Approx. 182 × 53 × 162 mm (7 1/4 × 2 1/8 × 6 1/2 in.) (w/h/d) |
| Wavelength  | 785 – 815 nm (Typ.800 nm)              | Mass  | Approx. 1.2 kg (2 lb. 10 oz.)                                 |
| Emission Duration   | Continuous                             | Supplied accessories  | Parts for installation and connections (1 set)                |
| Laser output power  | Less than 0.5 mW*                      | Optional accessories  | Compact disc single adapter CSA-8                             |
| * This output is the value measured at a distance of 0.7 mm from the objective lens surface on the Optical Pick-up Block. |  |   |   |
| Tuner section   |  | Design and specifications are subject to change without notice. |   |
| FM  |  |   |   |
| Tuning range  | 87.5 – 107.9 MHz                       |   |   |
| Antenna terminal  | External antenna connector             |   |   |
| Intermediate frequency  | 10.7 MHz                               |   |   |
| Usable sensitivity  | 12 dBf                                 |   |   |
| Selectivity   | 75 dB at 400 kHz                       |   |   |
| Signal-to-noise ratio   | 65 dB (stereo), 68 dB (mono)           |   |   |
| Harmonic distortion at 1 kHz  | 0.7 % (stereo), 0.5 % (mono)           |   |   |
| Separation  | 35 dB at 1 kHz                         |   |   |
| Frequency response  | 30 – 15,000 Hz                         |   |   |
| AM  |  |   |   |
| Tuning range  | 530 – 1,710 kHz                        |   |   |
| Antenna terminal  | External antenna connector             |   |   |
| Intermediate frequency  | 10.7 MHz/450 kHz                       |   |   |
| Sensitivity   | 30 µV                                  |   |   |
| Power amplifier section   |  |   |   |
| Outputs   | Speaker outputs (sure seal connectors) |   |   |
| Speaker impedance   | 4 – 8 ohms                             |   |   |
| Maximum power output  | 45 W × 4 (at 4 ohms)                   |   |   |

Getting Started

Resetting the unit

Before operating the unit for the first time or after replacing the car battery, you must reset the unit. Press the reset button with a pointed object, such as a ball-point pen.



Notes

- Pressing the reset button will erase the clock setting and some memorized program and memory functions.
- When you connect the power supply cord to the unit or reset the unit, wait for about 10 seconds before you insert a disc. If you insert a disc within these 10 seconds, the unit will not be reset, and you will have to press the reset button again.

SONY®

FM/AM  
Compact Disc  
Player

Operating Instructions

Owner's Record

The model and serial numbers are located on the bottom of the unit. 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. CDX-1200 Serial No. \_\_\_\_\_

For installation and connections, see the supplied installation/connections manual.



CDX-1200

Sony Corporation © 2000 Printed in Japan

Warning

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.

CAUTION

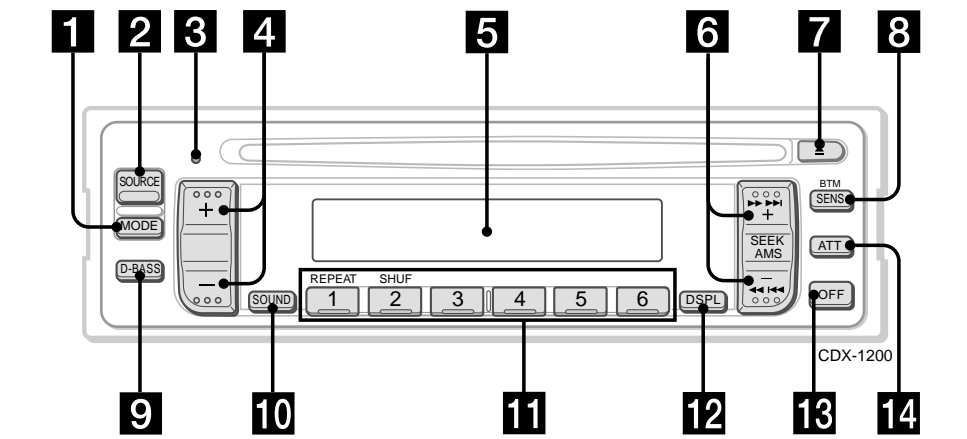
The use of optical instruments with this product will increase eye hazard.

Welcome !

Thank you for purchasing the Sony Compact Disc Player. This unit lets you enjoy a variety of features.



## Location of controls



- 1 MODE (band select) button
- 2 SOURCE (source select) button
- 3 Reset button
- 4 + - (volume/bass/treble/left-right/front-rear control) button
- 5 Display window
- 6 SEEK/AMS (seek/Automatic Music Sensor/manual search) button
- 7 ▲ (eject) button
- 8 SENS/BTM (sensitivity adjust/Best Tuning Memory) button
- 9 D-BASS button

- 10 SOUND button
- 11 During radio reception: Number buttons
- During CD playback:
  - 1 REPEAT button
  - 2 SHUF button
- 12 DSPL (display mode change/time set) button
- 13 OFF button\*
- 14 ATT (attenuate) button

**\*Warning when installing in a car without ACC (accessory) position on the ignition key switch**  
Be sure to press **(OFF)** on the unit for two seconds to turn off the clock display after turning off the engine.  
When you press **(OFF)** momentarily, the clock display does not turn off and this causes battery wear.

## Setting the clock

The clock has a 12-hour digital indication.

Example: To set the clock to 10:08

1 Press **(DSPL)** during operation.

2 Press **(DSPL)** for two seconds.

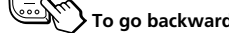


The hour indication flashes.

1 Set the hour.



To go forward



To go backward



2 Press **(SOUND)**.

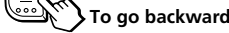


The minute indication flashes.

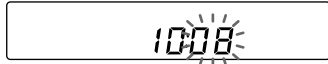
3 Set the minute.



To go forward



To go backward



3 Press **(DSPL)**.



The clock starts.

**Note**  
If the car has no accessory position on the ignition key switch, the clock cannot be set unless the power is turned on. Set the clock after you have turned on the radio, or started CD playback.

## Radio

### Memorizing stations automatically

— Best Tuning Memory (BTM)

This unit selects the stations with the strongest signals and memorizes them in the order of their frequencies. You can store up to 6 stations on each band (FM I, FM II, FM III, and AM).

#### Caution

When tuning in stations while driving, use Best Tuning Memory to prevent accidents.

1 Press **(SOURCE)** repeatedly to select the tuner.  
Each time you press **(SOURCE)**, the mode changes as follows:  
CD ↔ TUNER

2 Press **(MODE)** repeatedly to select the band.  
Each time you press **(MODE)**, the band changes as follows:

→ FM I → FM II → FM III → AM

3 Press **(SENS/BTM)** for two seconds.  
The unit stores stations in the order of their frequencies on the number buttons.  
A beep sounds when the setting is stored.

#### Notes

- The unit does not store stations with weak signals. If only a few stations can be received, some number buttons will retain their former setting.
- When a number is indicated in the display, the unit starts storing stations from the one currently displayed.
- If a CD is not in the unit, only the tuner band appears even if you press **(SOURCE)**.

### Memorizing only the desired stations

You can store up to 6 stations on each band (a total of 18 for FM I, FM II, and FM III, and 6 for AM) in the order of your choice.

1 Press **(SOURCE)** repeatedly to select the tuner.

2 Press **(MODE)** repeatedly to select the band.

3 press and hold either side of **(SEEK/AMS)** to tune in the station that you want to store on the number button.

4 Press and hold the desired number button (**1** to **6**) until "MEM" appears.  
The number button indication appears in the display.

#### Note

If you try to store another station on the same number button, the previously stored station will be erased.

### Receiving the memorized stations

1 Press **(SOURCE)** repeatedly to select the tuner.

2 Press **(MODE)** repeatedly to select the band.

3 Press the number button (**1** to **6**) on which the desired station is stored.

#### Cause/Solution

- Adjust the volume with **(+)**.
- Set the fader control to the center position for two-speaker systems.
- The power cord or battery has been disconnected.
- The reset button has been pressed.  
→ Store the settings again into the memory.
- An optional power amplifier is connected and you are not using the built-in amplifier.
- The beep sound is cancelled.

#### Cause/Solution

- Another CD is already loaded.
- The CD was forcibly inserted upside down.

Dirty disc.

The ambient temperature exceeds 50°C (122°F).

Press the reset button.

- The unit is installed at an angle of more than 60°.
- The unit is not installed in a sturdy part of the car.

#### Cause/Solution

- Memorize the correct frequency.
- The broadcast signal is too weak.

The broadcast signal is too weak.  
→ Use manual tuning.

Connect an power aerial control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's aerial booster. (When your car has built-in FM/AM aerial in the rear/side glass only.)

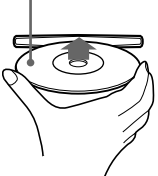
- Tune in the frequency accurately.
- The broadcast signal is too weak.  
→ Set to the MONO mode.

## CD Player

### Listening to a CD

Insert a CD.  
Playback starts automatically.

Label side up



If a CD is already inserted, press **(SOURCE)** repeatedly until "CD" appears to start playback.



Elapsed playing time

#### Note

To play back an 8 cm (3 in.) CD, use the optional Sony compact disc single adapter (CSA-8).

| To            | Press             |
|---------------|-------------------|
| Stop playback | ▲ or <b>(OFF)</b> |
| Eject the CD  | ▲                 |

#### Changing the display item

Each time you press **(DSPL)** during CD playback, the item changes as follows:

→ Elapsed playing time → Track number

Clock ←

#### Locating a specific track

— Automatic Music Sensor (AMS)

During CD playback, press either side of **(SEEK/AMS)** for each track you want to skip.



To locate succeeding tracks



To locate preceding tracks

#### Locating a specific point in a track

— Manual Search

During playback, press and hold either side of **(SEEK/AMS)** for about two seconds. Release when you have found the desired point.



To search forward



To search backward

#### Note

If "LLLL" or "RRR" appears in the display, you have reached the beginning or the end of the disc and you cannot go any further.

### Playing a CD in various modes

#### Playing tracks repeatedly

— Repeat Play

Press **1** during playback.  
"REPEAT" appears in the display.

When the current track is over, it will play again from the beginning.

To return to normal playback mode, press again.

#### Playing tracks in random order

— Shuffle Play

Press **2** during playback.  
"SHUF" appears in the display.

To return to normal playback mode, press again.

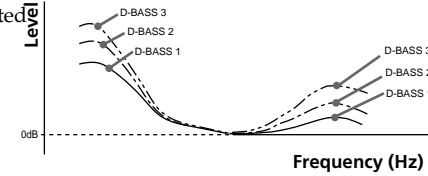
## Other Functions

### Adjusting the sound characteristics

You can adjust the bass, treble, balance, and fader. You can store the bass and treble levels. Each source can store the bass and treble level independently.

1 Select the item you want to adjust by pressing **(SOUND)** repeatedly.down.

The CD player cannot be operated.



#### Adjusting the bass curve

Press **(D-BASS)** repeatedly to select the desired bass curve.

"D-BASS" appear in the display.  
As the D-BASS number increases so does the effect.

D-BASS 1 → D-BASS 2 → D-BASS 3 →  
D-BASS OFF

#### Note

The bass sound may distort at same volume. If the bass sound distorts, select less effective bass curve.

### Attenuating the sound

Press **(ATT)**.  
"ATT" flashes.

To restore the previous volume level, press **(ATT)** again.

#### Error displays

The following indications will flash for a while.

E-04

E-99

because of some problem.

#### Solution

Clean or insert the CD correctly.

Press the reset button.

If the above-mentioned solutions do not help improve the situation, consult your nearest Sony dealer.