

# Personal Audio System

## Operating Instructions

http://www.sony.net/



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ZS-PS30CP

### WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus.

As the main plug is used to disconnect the unit from the mains, connect the unit to an easily accessible AC outlet. Should you notice an abnormality in the unit, disconnect the main plug from the AC outlet immediately.

The unit is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the unit itself has been turned off.

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

Do not expose the batteries (battery pack or batteries installed) to excessive heat such as sunshine, fire or the like for a long time.

The nameplate and important information concerning safety are located on the bottom exterior.

Excessive sound pressure from earphones and headphones can cause hearing loss.



**Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)**

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.



**Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)**

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

### Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives

The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

### Note on DualDiscs

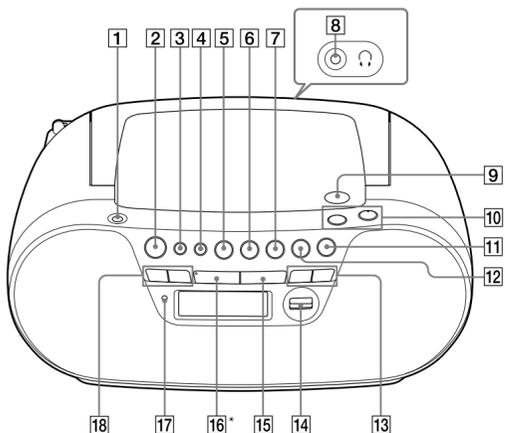
A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

### Music discs encoded with copyright protection technologies

This product is designed to playback 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.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

## Basic Operations



\*VOL + [10] and [16] have a tactile dot.

### Before using the unit

#### To turn on/off the power

European model: Press OPERATE [2].  
Other models: Press POWER [2].

#### Note

When turning on the power, hold down OPERATE (or POWER) [2] until OPR/BATT indicator [17] lights up.

#### To adjust the volume

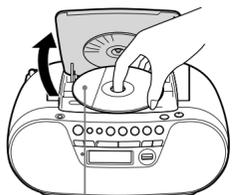
Press VOL +, - [10].

#### To listen through headphones

Connect the headphones to the [13] (headphones) jack on the back of the unit.

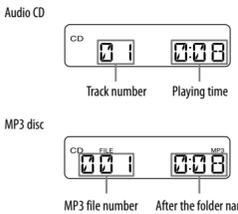
### Playing a CD/MP3 disc

- Press OPERATE (or POWER) [2].
- Press CD [6].
- Press PUSH OPEN/CLOSE [9], and place a disc with the label side up on the CD compartment. To close the CD compartment, press PUSH OPEN/CLOSE [9].



Label side facing up

- Press [16]. The unit plays all the tracks/MP3 files once. When you play an MP3 disc, the MP3 indicator lights up after the unit has read the file information.



- \*1 If there is no folder, "ROOT" appears in the display.
- \*2 If there is no song title in ID3 tag information "NO TITLE" will be displayed.
- \*3 If the playing time is more than 100 minutes, "----" appears in the display.

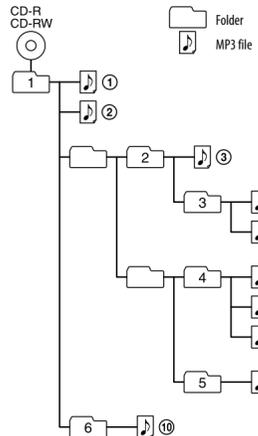
To	Press
Pause playback	[16]. To resume play, press it again.
Stop playback	[15].
Go to the next track/MP3 file	[13].
Go back to the previous track/MP3 file	[13].
Select a folder on an MP3 disc	[TUNE +] [18] to go forward and [TUNE -] [18] to go backward.
Locate a point while listening to the sound	[14] (forward) or [14] (backward) during playback and hold it until you find the point.
Locate a point while observing the display	[14] (forward) or [14] (backward) find the point then press [16].
Remove the CD	PUSH OPEN/CLOSE [9].

#### Tips

- \* Playback starts from the track/MP3 file you last stopped playing (Resume play). During stop, the track/MP3 file number to be played is displayed.
- \* To cancel the resume play (to start play from the beginning of the first track/MP3 file), press [15] while the CD is stopped. When you open the CD compartment, resume play is cancelled. If the unit is turned off while the AC power cord is connected, resume play will not be cancelled.

#### Example of folder structure and playing order

The playing order of the folders and files is as follows:



#### Notes on MP3 discs

- When the disc is inserted, the unit reads all the files on that disc. During this time, "READING" is displayed. If there are many folders or non-MP3 files on the disc, it may take a long time for play to begin or for the next MP3 file to start to play. We recommend that you do not save unnecessary folders or files other than MP3 ones in the disc to be used for MP3 listening.
- A folder that does not include an MP3 file is skipped.
- Maximum number of files: 511
- Maximum number of folders: 256 (including the root folder)
- Maximum number of folders and files in total: 512
- Maximum directory levels: 8
- Folder names and file names can be displayed with up to 64 characters including quotation marks.
- The characters A - Z, 0 - 9 and \_ can be displayed on this unit. Characters a - z are displayed as A - Z (capitalized). Other characters are displayed as " \_".
- This unit conforms to Version 1.0, 1.1, 2.2, 2.3 and 2.4 of the ID3 tag format. When the file has the ID3 tag information, song title, artist name and album name can be displayed. If the file does not have ID3 tag information, "NO TITLE" appears instead of song title, "NO ARTIST" appears instead of artist name, and "NO ALBUM" appears instead of album name. The ID3 tag information can be displayed with up to 30 characters.
- When naming, be sure to add the file extension ".mp3" to the file name.
- If you put the extension ".mp3" to a file other than an MP3 file, the unit cannot recognize the file properly and will generate random noise that could damage your speakers.
- The file name does not correspond to the ID3 tag.

### Listening to the radio

- Press OPERATE (or POWER) [2].
- Press RADIO BAND [7] repeatedly. Each time you press the button, the radio band toggles between AM and FM.
- Hold down [TUNE + or -] [18] until the frequency digits begin to change in the display. The unit automatically scans the radio frequencies and stops when it finds a clear station. If you cannot tune in a station, press [TUNE + or -] [18] repeatedly to change the frequency step by step.

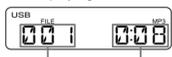
#### Tip

- If an FM broadcast is noisy, setting to monaural usually reduces the noise.
- 1 Press MODE [4]. "STEREO" or "MONO" appears.
- 2 While "STEREO" is displayed, press MODE [4] to display "MONO."

### Listening to music on a USB device

You can listen to music stored on a USB device (a digital music player or USB storage media). Music files in MP3 format\*1 can be played on this unit.

- Press OPERATE (or POWER) [2].
- Press USB [5].
- Connect the USB device to the [14] (USB) port [14].
- Press [16]. The unit starts playing.



File number After the folder name and song title are displayed, the file number and playing time\*2 will appear.

- \*1 Files with copyright protection (Digital Rights Management) cannot be played on this unit.
- \*2 If the playing time is more than 100 minutes, it appears as "----" in the display.

#### Other operations

To	Press
Pause playback	[16]. To resume play, press the button again*3.
Stop playback	[15].
Select a folder	[TUNE + or -] [18].
Select a file	[14] or [14].
Find a point in a file	Hold down [14] or [14] during playback, and release the button at the desired point.

\*3 When playing a VBR MP3 file, the unit may resume playback from a different point.

**To select a memory for playback/information**  
If a USB device has more than one memory (for example, internal memory and a memory card), you can select which memory to play.

- Connect the USB device to the [14] (USB) port [14].
- Press USB [5] on the unit.
- Press MEMORY SELECT [11], in stop mode. If another memory exists, the total track/folder number in the memory is displayed.

#### Tips

- \* Playback starts from the MP3 file you last stopped playing (Resume play).
- \* To cancel resume play (start play from the beginning of the first MP3 file), press [15].

#### To change the play mode

Press MODE [4] repeatedly while the USB device is not playing or paused. You can select Normal Play ("[15]"), Repeat Play ("[15]"), Shuffle Play ("SHUF") or Program Play ("PGM") or "PGM" (see "Selecting the various modes of playback" on the back page).

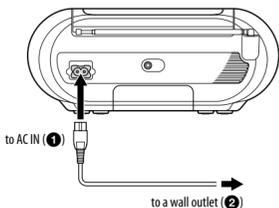
#### Notes on the USB device

- Some USB devices may not be compatible with this unit.
- You cannot change the play mode while the USB device is playing or paused.
- It may take a long time before playback starts when:
  - the folder structure is complex.
  - the USB device is close to capacity.
- When a USB device is connected, the unit reads all the files on the device. If there are many folders or files on the device, it may take a long time for the unit to finish reading them.
- Do not connect a USB device to the unit through a USB hub.
- In the case of some USB devices, when an operation is performed on the USB device, there may be a delay before it is carried out on this unit.
- This unit may not support all the functions provided on a connected USB device.
- The playback order on this unit may differ from the playback order on a connected USB device.
- Do not save non-MP3 files or unnecessary folders to a USB device that contains MP3 files.
- During playback, folders that contain no MP3 files are skipped.
- This unit can play only MP3 files that have the ".mp3" file extension.
- If there are files on the USB device that have the ".mp3" file extension, but are not MP3 files, the unit may produce noise or malfunction.

### Power sources

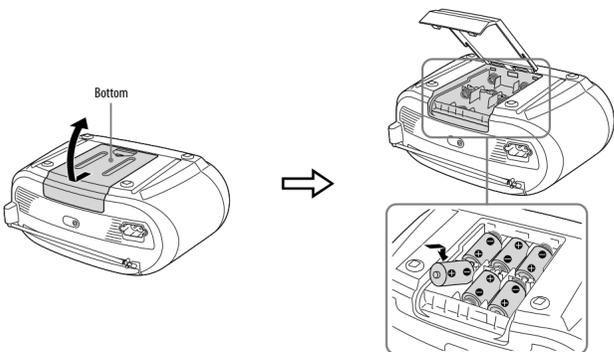
#### To connect the AC power cord

Connect the AC power cord to the unit [1] and the wall outlet [2].



#### To prepare the batteries

Insert six R14 (size C) batteries (not supplied) into the battery compartment.



#### Notes

- Replace the batteries when the OPR/BATT indicator [17] dims, or when the unit stops operating.
- Replace all the batteries with new ones. Before you replace the batteries, be sure to take out the CD from the unit.
- To use the unit on batteries, disconnect the AC power cord from the unit.

### Note for customers in Europe

The unit automatically turns off after 20 minutes if no operation is performed after playback of CD, USB or AUDIO IN.

### Specifications

#### CD player section

System  
Compact disc, digital audio system  
Laser diode properties  
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.)  
Number of channels  
2  
Frequency response  
20 Hz - 20,000 Hz ±1/-2 dB  
Wow and flutter  
Below measurable limit

#### Radio section

Frequency range  
FM: 87.5 MHz - 108 MHz  
AM: 531 kHz - 1,602 kHz  
IF  
FM: 128 kHz  
AM: 45 kHz  
Antennas  
FM: Telescopic antenna  
AM: Built-in ferrite bar antenna

#### USB section

Supported bit rate  
MP3 (MPEG 1 Audio Layer-3):  
32 kbps - 320 kbps, VBR  
Sampling frequencies  
MP3 (MPEG 1 Audio Layer-3):  
32/44.1/48 kHz  
[14] (USB) port  
USB-A (Full Speed)

#### General

Speaker  
Full range: 8 cm dia., 8 Ω, cone type (2)  
Outputs  
Headphones jack (stereo minijack):  
For 16 Ω - 32 Ω impedance headphones  
Input  
AUDIO IN jack (stereo minijack)  
[14] (USB) port: Type A, maximum current 500 mA  
Power output  
1.0 W + 1.0 W (at 8 Ω, 10% harmonic distortion)  
Power requirements  
For CD radio:  
230 V AC, 30 Hz  
9 V DC, 6 R14 (size C) batteries  
Power consumption  
AC 11 W  
Battery life\*  
For CD radio:

#### FM reception

R14P: approx. 7 h  
Sony alkaline LR14: approx. 30 h

#### CD playback

R14P: approx. 1.5 h  
Sony alkaline LR14: approx. 13 h

#### Dimensions

Approx. 299 mm × 126 mm × 210 mm (w/h/d)  
(incl. projecting parts)

Mass  
Approx. 2.4 kg (incl. batteries)  
Supplied accessories  
AC power cord (1)

\* Battery life is subject to changes in surrounding temperature, usage conditions, manufacture and battery type. Design and specifications are subject to change without notice.

Optional accessory  
Sony MDR headphones series

## Other Operations

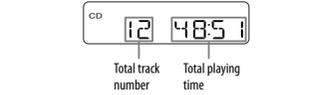
### Using the display

You can check information about the CD using the display.

#### Checking the information of an audio CD

**To check the total track number and playing time of the CD**

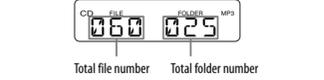
After reading the CD, the total track number and the total playing time will appear, or press ■ [15] twice to cancel Resume play.



#### Checking the information of an MP3 disc

**To check the total folder/file number and total file number on the CD**

After reading the file/folder information, the total folder number and the total file number will appear, or press ■ [15] twice to cancel Resume play.

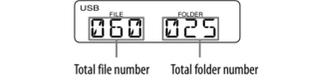


#### Checking the information of a USB device

**To check the total folder/file number on a USB device**

Press ■ [15] twice during playback, or press ■ [15] once while selecting the file. When there are multiple folders, the total file number is not displayed.

**USB device**  
**(Example:When you connect a USB device)**

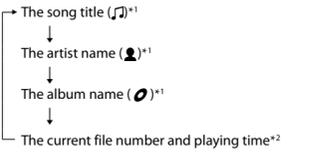


**Tips**

- If the CD is blank, “noDISC” appears in the display.
- If there are no MP3 files on the USB device, “NO FILE” appears in the display.

**To check file information**

Press DISPLAY/ENTER [3] while playing an MP3 disc or USB device. The display changes as follows:



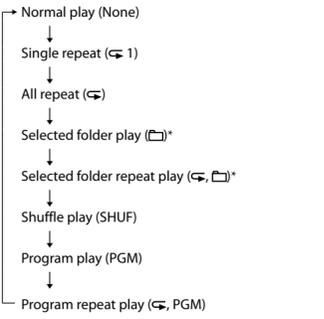
- <sup>1</sup>If the file does not have corresponding ID3 information, “NO TITLE”, “NO ARTIST”, and “NO ALBUM” scroll instead of the song title, artist name, and album name, respectively.
- <sup>2</sup> Song title, artist name or album name will change to this in a few seconds.

## Selecting the various modes of playback

You can set to play tracks repeatedly or in random order, while a disc/USB device is stopped.

Press MODE [4].

Each press changes the play mode as follows:



- <sup>\*</sup> These functions do not apply when using a CD-DA.

### Playing tracks/MP3 files repeatedly

**(Repeat Play)**

You can play tracks/MP3 files or a USB device repeatedly in normal and program play modes.

- Press OPERATE (or POWER) [2].
- Press CD [6] or USB [5].
- Proceed as follows, while the CD/MP3 disc or USB device is not playing.

To repeat	Do this
A single track/MP3 file	<ol style="list-style-type: none"><li>Press MODE <span>[4]</span> (press <span>■</span> <span>[15]</span>, then press MODE <span>[4]</span> during playback) until “↺ 1” appears.</li> <li>Press <span>⏮</span> or <span>⏭</span> <span>[13]</span> to select the track/MP3 file that you want to repeat.</li> <li>Press <span>▶⏮</span> <span>[16]</span>.</li></ol>
All tracks/MP3 files	<ol style="list-style-type: none"><li>Press MODE <span>[4]</span> (press <span>■</span> <span>[15]</span>, then press MODE <span>[4]</span> during playback) until “↺” appears.</li> <li>Press <span>▶⏮</span> <span>[16]</span>.</li></ol>
A selected folder (MP3 disc or USB device)	<ol style="list-style-type: none"><li>Press MODE <span>[4]</span> (press <span>■</span> <span>[15]</span>, then press MODE <span>[4]</span> during playback) until “📁” and “↺” appear.</li> <li>Select the folder by pressing <span>📁</span>/TUNE + or – <span>[18]</span>.</li> <li>Press <span>▶⏮</span> <span>[16]</span>.</li></ol>
Programmed tracks/MP3 files	<ol style="list-style-type: none"><li>Program tracks/MP3 files (see “Creating your own program”).</li> <li>Press MODE <span>[4]</span> (press <span>■</span> <span>[15]</span>, then press MODE <span>[4]</span> during playback) until “PGM” and “↺” appear.</li> <li>Press <span>▶⏮</span> <span>[16]</span>.</li></ol>

**Note**

- You cannot change the play mode while a track/MP3 file is playing or paused. When you press MODE [4] during playback, “PUSH STOP” appears in the display.

**To cancel Repeat Play**

Press MODE [4] (press ■ [15], then press MODE [4] during playback) until “↺” disappears from the display.

#### Playing tracks/MP3 files in random order

You can play tracks/MP3 files or a USB device in random order.

- Press OPERATE (or POWER) [2].
- Press CD [6] or USB [5].
- Press MODE [4] (press ■ [15], then press MODE [4] during playback) until “SHUF” appears in the display.
- Press ▶⏮ [16] to start Shuffle Play.

**To cancel Shuffle Play**

Stop playing first. Then press MODE [4] (press ■ [15], then press MODE [4] during playback) until “SHUF” disappears from the display.

**Note**

- You cannot change the play mode while a track/MP3 file is playing or paused. When you press MODE [4] during playback, “PUSH STOP” appears in the display.

**Tips**

- During Shuffle Play, you cannot select the previous track/MP3 file by pressing ⏮ [13].
- The resume function does not work during Shuffle Play.

### Creating your own program (Program Play)

You can arrange the playing order of up to 20 tracks/MP3 files on a CD/USB device.

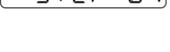
- Press OPERATE (or POWER) [2].
- Press CD [6] or USB [5].
- Press MODE [4] (press ■ [15], then press MODE [4] during playback) until “PGM” appears in the display.
- Press ⏮ or ⏭ [13] to select the track. For MP3 files, press 📁/TUNE + or – [18] first and then press ⏮ or ⏭ [13]. Track (File) number flashes in the display.

Audio CD	
MP3 disc	
USB device	

## Precautions

5 Press DISPLAY/ENTER [3].

“STEP xx” appears in the display.

Audio CD	
MP3 disc	
USB device	

- To program another song, repeat steps **4** and **5**.
- Press ▶⏮ [16] to start Program Play.

**To cancel Program Play**

Stop playback first. Then press MODE [4] until “PGM” disappears from the display.

**To check the order of tracks/MP3 files**

Press DISPLAY/ENTER [3] (press ■ [15], then press DISPLAY/ENTER [3] during playback). The last programmed step number appears in the display. After a few seconds, the last programmed track/folder number appears in the display.

**To change the current program**

Press ■ [15] once if the CD is stopped and twice if the CD is playing. The current program will be erased. Then create a new program following the programming procedure.

**Tips**

- If you try to program 21 tracks/MP3 files or more, “FULL” will appear in the display.
- You can play the same program again, since the program is saved until you open the CD compartment.
- The resume function does not work during Program Play.

### Presetting radio stations

You can store radio stations into the unit’s memory. You can preset up to 30 radio stations, 20 for FM and 10 for AM in any order.

- Press OPERATE (or POWER) [2].
- Press RADIO BAND [7] to select the band.
- Hold down AUTO PRESET [7] for 2 seconds until “AUTO” flashes in the display.
- Press DISPLAY/ENTER [3]. The stations are stored in memory from the lower frequencies to the higher ones.

**If a station cannot be preset automatically**
You need to preset a station with a weak signal manually.

- Press OPERATE (or POWER) [2].
- Press RADIO BAND [7] to select the band.
- Tune in a station you want using 📁/TUNE + or – [18].
- Press MANUAL PRESET [16]. The band selected (“FM-xx” or “AM-xx”) appears in the display.
- Press PRESET + or – [13] until the preset number you want for the station flashes in the display.
- Press DISPLAY/ENTER [3]. The new station replaces the old one.

**Tip**

The preset radio stations remain in memory even if you unplug the AC power cord or remove the batteries.

### Playing preset radio stations

- Press OPERATE (or POWER) [2].
- Press RADIO BAND [7] to select the band.
- Press PRESET + or – [13] to tune in the stored station.

### Connecting optional components

You can enjoy the sound from an optional component such as a portable digital music player through the speakers of this unit. Be sure to turn off the power of each component before making any connections. For details, refer to the instruction manual of the component to be connected.

- Connect the AUDIO IN jack [1] to the line output jack of the portable digital music player or other components using an audio connecting cable (not supplied).
- Press OPERATE (or POWER) [2] to turn the unit on.
- Turn the connected component on.
- Press AUDIO IN [12], and start playback on the connected component.

The sound from the connected component is output from the speakers of this unit.

To connect the unit to a TV or VCR, use an extension cable (not supplied) with a stereo-mini jack on one end and two phono plugs on the other end.

## Troubleshooting

#### General

**The power does not turn on.**

- Connect the AC power cord to the wall outlet 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 unit. → Move the portable telephone, etc., away from the unit.

#### CD/MP3 player

**The CD does not play or “noDISC” is displayed even when a CD is in place.**

- Place the CD with the label surface up.
- 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 is blank.
- There is a problem with the quality of the CD-R/CD-RW, recording device or application software.
- Replace all the batteries with new ones if they are weak.

**The sound drops out.**

- Reduce the volume.
- Clean the CD, or replace it if the CD is badly damaged.
- Place the unit 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 a poor quality CD-R/CD-RW or if there is a problem with the recording device or application software.

**Starting playback takes more time than usual.**

- The following discs take a longer time to start playback.
  - a disc recorded with a complicated tree structure.
  - a disc that has not been finalized (a disc to which data can be added).
  - a disc that has many folders or non-MP3 files.

#### Radio

**Reception is poor.**

- Reorient the antenna to improve FM reception.
- 
- Reorient the unit itself to improve AM reception.
- 

**On operation**

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

**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 benzene.

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

**There is noise, skipping, or distorted sound.**

- Turn off the unit and reconnect the USB device. Then turn on the unit again.

- The music data itself contains noise, or the sound is distorted. Noise may have entered during the recording process. Delete the file and try recording it again.

**The USB device cannot be connected to the (USB) port [14].**

- The connector on the USB device or USB cable was not correctly oriented when the connection was attempted. Orient the connector on the USB device or USB cable correctly.

**“READING” is displayed for an extended time, or it takes a long time before playback starts.**

- The reading process can take a long time in the following cases:
  - There are many folders or files on the USB device.
  - The file structure is complex.
  - The memory is almost full.
  - The internal memory is fragmented.
- To avoid the above problems, we recommend that you adhere to the following guidelines:
  - Keep the total number of folders on a USB device to 100 or less.
  - Keep the total number of files per folder to 100 or less.

**Erroneous display**

- The data stored on the USB device may be corrupted. Send the music data to the USB device again.
- This unit can display only numbers and letters of the alphabet. Other characters will not be displayed correctly.

**The USB device is not recognized.**

- Turn off the unit and reconnect the USB device, then turn on the unit.
- The USB device is not functioning properly. Refer to the USB device operation manual for details on how to deal with this problem. If the problem persists, contact your nearest Sony dealer.

**Play does not start.**

- Turn off the unit and reconnect the USB device.

**Play does not start from the first file.**

- Set the play mode to Normal Play.

**MP3 files cannot be played back.**

- The MP3 files do not have the “.mp3” extension.
- The data was not stored in the MP3 format.
- The USB storage device uses a file system other than FAT16 or FAT32.\*
- Playback is possible up to 9 directory levels.
- The number of folders exceeds 128.
- The number of files exceeds 999.
- A maximum of 128 files can be contained in a single folder.
- The files are encrypted or protected by passwords.

- <sup>\*</sup> This unit supports FAT16 and FAT32, but some USB storage media may not support both file systems. For details, refer to the operation manual of the USB storage device in question or contact the manufacturer.

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

<sup>[1]</sup>