

# Personal Audio System

## Operating Instructions



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CFD-S70

### 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 opening of the appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles).

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.

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

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 is located on the bottom exterior.

### CAUTION



RISK OF ELECTRIC SHOCK. DO NOT OPEN.

Risk of explosion if the battery is replaced by an incorrect type.

### For customers in Europe

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

This product has been manufactured by or on behalf of Sony Corporation. EU Importer: Sony Europe B.V. Inquiries to the EU Importer or related to product compliance in Europe should be sent to the manufacturer's authorized representative, Sony Belgium, bijkantoor van Sony Europe B.V., Da Vincilaan 7-D1, 1930 Zaventem, Belgium.

Hereby, Sony Corporation declares that this equipment is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.compliance.sony.de/>



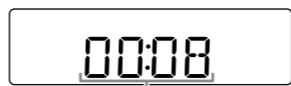
The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area) and Switzerland.



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

This symbol on the product, the battery or on the packaging indicates that the product and the battery shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbol for lead (Pb) is added if the battery contains more than 0.004% lead. By ensuring that these products and batteries are disposed of correctly, you will help to prevent potentially negative consequences for the environment and human health which could be caused by inappropriate waste handling. 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 and the electrical and electronic equipment will be treated properly, hand over these products at end-of-life to the appropriate 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 appropriate 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 or battery.

4 Press **CD PLAY/PAUSE** (▶||) [9] to start playback.



Playing time\*2,3

- \*1 If MP3 files are present only in the root directory, "001" appears on the display.
- \*2 If the playing time is longer than 100 minutes, "-:--:" appears on the display.
- \*3 By pressing **DISPLAY/ENTER** [11], the playback screen changes between showing playing time and the current track number (or showing the current folder and file numbers (MP3)).

### To switch to the CD function from other functions

Press **CD PLAY/PAUSE** (▶||) [9]. If a previously played disc has been set, playback will start automatically. Press **STOP** (■) [9] to stop playback if necessary.

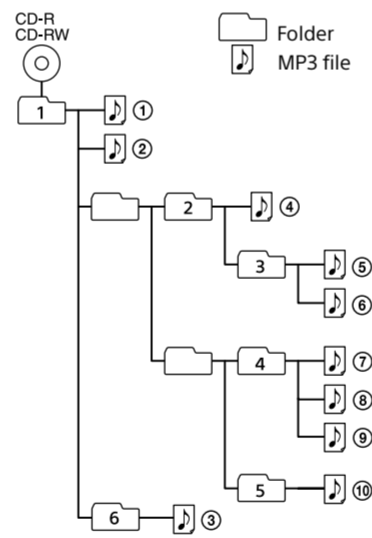
### Other operations

To	Do this
Pause playback	Press <b>CD PLAY/PAUSE</b> (▶  ) [9]. To return to playback, press the button again.
Stop playback	Press <b>STOP</b> (■) [9]. If you press <b>CD PLAY/PAUSE</b> (▶  ) [9] after playback has been stopped, playback will start from the beginning of the track/file you were last playing (Resume Play). If you want to start playback from the first track/file on the disc, press <b>STOP</b> (■) [9] twice, and then press <b>CD PLAY/PAUSE</b> (▶  ) [9].
Select a folder on an MP3 disc	Press <b>TUNE</b> / [ ] + or - [3].
Select a track/file	Press <b>◀◀</b> or <b>▶▶</b> [5]. You can skip tracks/files one by one.
Find a point in a track/file	Hold down <b>◀◀</b> or <b>▶▶</b> [5] during playback, and release the button at the desired point. When locating a point while paused, press <b>CD PLAY/PAUSE</b> (▶  ) [9] to start playback after the desired point is found.

### Note

- Resume Play is cancelled in the following cases:
  - When you open the CD compartment cover.
  - When you turn off the power.

**Example of folder structure and playing order**  
The playing order of the folders and files is as follows. However, the playing order may differ from the original order on the disc, depending on the recording method used.

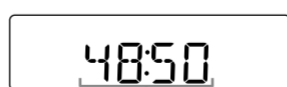


### Notes on MP3 discs

- When a disc is loaded, the unit reads all the files on that disc. During this time, "READ" is flashing. 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 non-MP3 files or unnecessary folders are excluded when creating MP3 discs.
- During playback, audio files other than MP3 files are skipped even if those files are included in a folder.
- This system can only play MP3 files that have a file extension of ".mp3".  
Note that even if the file name has the correct file extension but the actual file was created in a different audio format, this unit may produce noise or may malfunction.
- MP3 PRO format is not supported.
- This unit cannot play audio files on a disc in the following cases:
  - When the total number of audio files exceeds 413.
  - When the total number of folders on a single disc exceeds 99 (including the "ROOT" folder).
  - When the directory level (folder depths) exceeds 9 (including the "ROOT" folder).

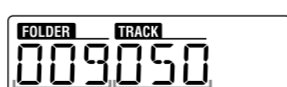


Total number of tracks



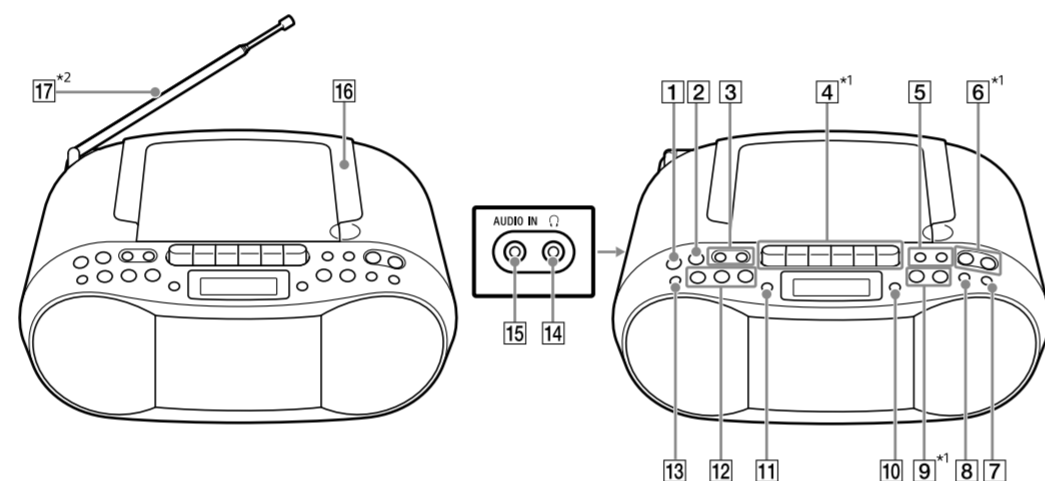
Total playing time

### MP3 disc



Total number of folders\*1      Total number of files

## Basic Operations



\*1 **CD PLAY/PAUSE** (▶||) [9], **VOLUME** + [6] and **◀** [4] have a tactile dot.

\*2 Extend the FM antenna [17] only when listening to FM radio (for AM radio, a ferrite bar antenna is built into the unit).

### Before using the unit

#### To turn the power on or off

Press **⏻** (power) [1].

#### To adjust the volume

Press **VOLUME** + or - [6]. The volume level of this unit is adjustable in steps from 0 to 31. If you want to adjust the volume level continuously, hold the button down, and release it at the desired level.

#### To listen through headphones

Connect headphones to the **◻** (headphones) jack [14].

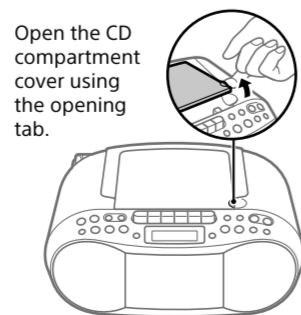
To protect your hearing, avoid listening at excessive volume level when listening through headphones.

#### To turn the bass enhancement function on or off

Press **MEGA BASS** [7]. When you press the button, the function will either switch on ("MEGA BASS" lights up) or off ("MEGA BASS" disappears). By default, this function is turned on.

## Playing a music disc

- 1 Press **⏻** [1] to turn on the power of the unit.
- 2 Insert the tip of your finger into the opening tab to open the CD compartment cover.



The disc is loaded and the disc information appears on the display.

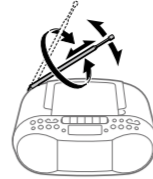
### Audio CD

(Total number of tracks and total playing time appear in order.)

## Listening to the radio

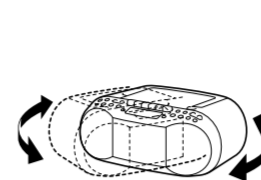
- 1 Press **⏻** [1] to turn on the power of the unit.
- 2 Adjust the antenna for optimum reception.

### FM



Extend the telescopic antenna [17] and adjust its length and angle for optimum reception.

### AM



Reorient the unit itself for optimum reception (a ferrite bar antenna is built into the unit).

- 3 Press **FM/AM** [2] repeatedly to select the "FM" or "AM" band.

- 4 Hold down **TUNE** / [ ] + or - [3] until the frequency digits begin to change on the display.

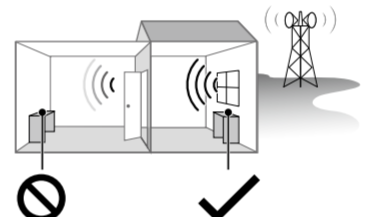
The unit automatically scans the radio frequencies and stops when it finds a clear station. If you cannot tune to a station using automatic tuning mode, press **TUNE** / [ ] + or - [3] repeatedly to change the frequency step by step. When an FM stereo broadcast is received, "ST" lights up on the display.

### Tips

- The unit of frequency of tuned stations is MHz for the FM band and kHz for the AM band.
- If the stereo FM reception is noisy, press **PLAY MODE** [10] repeatedly until "Mono" appears on the display. You will lose the stereo effect, but the reception will be improved.

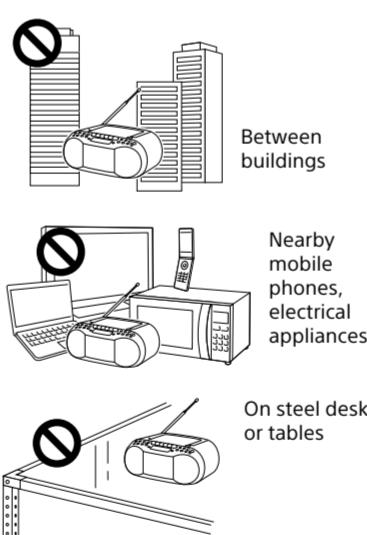
### To improve radio reception

Use the radio in a place where radio signals can be easily received such as near a window. Also, adjust the antenna (FM) or reorient the unit itself (AM) for good reception.



Areas with poor reception: Far from windows, etc.  
Areas with good reception: Near windows, etc.

If the reception problem still persists, try changing the installation location. Avoid places such as the following:



## Presetting radio stations

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

- 1 Press **⏻** [1] to turn on the power of the unit.
- 2 Press **FM/AM** [2] repeatedly to select the "FM" or "AM" band.
- 3 Hold down **FM/AM** [2] until "AUTO" flashes on the display.



- 4 Press **DISPLAY/ENTER** [11] to store the station. The stations are stored in memory from lower frequencies to higher ones.

### If a station cannot be preset automatically

You need to preset a station with a weak signal manually.

- 1 Press **FM/AM** [2] repeatedly to select a band.
- 2 Tune to the desired station.
- 3 Hold down **DISPLAY/ENTER** [11] until "FM-xx" or "AM-xx" flashes on the display. (Example: FM)



- 4 Press **PRESET** + or - [5] until the preset number for the station you want flashes on the display.

- 5 Press **DISPLAY/ENTER** [11] to store the station. If another station is already assigned to the selected preset number, that station is replaced by the new one. If you want to cancel presetting the station, press **STOP** (■) [9].

### Tip

The preset radio stations remain in the unit's memory even in the following situations.  
—The AC power cord is unplugged.  
—The batteries are removed.

## Listening to preset radio stations

- 1 Press **⏻** [1] to turn on the power of the unit.
- 2 Press **FM/AM** [2] repeatedly to select the "FM" or "AM" band.
- 3 Press **PRESET** + or - [5] to select a stored preset number for the desired radio station.

### Tip

By repeatedly pressing **DISPLAY/ENTER** [11] while listening to the radio, the radio information changes between showing the preset number and the frequency. The preset number display automatically returns to the frequency display after 2 seconds have elapsed.

## Presetting stations to FAVORITE RADIO STATIONS buttons

You can preset up to three favorite stations to the three **FAVORITE RADIO STATIONS (-SET)** [12] buttons. Assign one FM or AM program for each button.

- 1 Press **FM/AM** [2] repeatedly to select the band "FM" or "AM."
- 2 Tune to the station you want to preset.
- 3 Press and hold the desired **FAVORITE RADIO STATIONS (-SET)** [12] until you hear a beep. The tuned station is preset to the selected button of **FAVORITE RADIO STATIONS (-SET)** [12] and the same number as that of the button will light up on the display.

(Example: Presetting FM 87.50 MHz to number 1)



### To change the preset station

Repeat steps 1 to 3. The preset station on the button will be replaced by the new one.

## Listening to preset stations with FAVORITE RADIO STATIONS buttons

Press the desired **FAVORITE RADIO STATIONS (-SET)** [12] button.

### Note

To prevent the preset from being changed by mistake, do not hold down the button. If doing so, the preset on the button will be replaced by the currently tuned station.

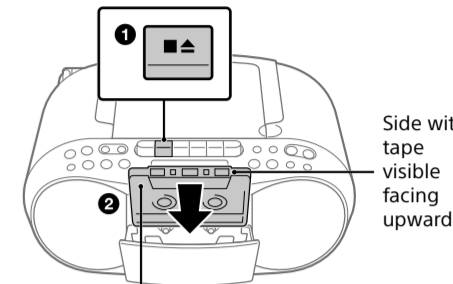
## Playing a tape

Check the following items before starting operation.

- Use Type I (normal) tapes only. Type II (high position), Type III (ferro-chrome) and Type IV (metal) tapes are not supported.
- If there is tape slack, rewind the slack using a pencil to avoid damaging the tape or the unit.



- 1 Press **▶▲** [4] (▶), insert a cassette tape into the cassette tape compartment (▶) and then close the compartment cover.



Playing side facing forward

- 2 Press **▶** [4] to start playback.

### Other operations

To	Do this
Stop playback	Press <b>▶▲</b> [4].
Pause playback	Press <b>  </b> [4]. To resume playback, press the button again.
Fast-forward or rewind	Press <b>◀◀</b> or <b>▶▶</b> [4].
Eject the cassette	Press <b>▶▲</b> [4].

### Notes

- Do not turn off the power during the tape playback. Doing so may cause malfunction. Make sure to stop playback before turning off the power.
- If the tape is wound to the beginning or end and **◀◀** or **▶▶** [4] is not released, "STOP TAPE" will flash on the display. Make sure to press **▶▲** [4] to release the button. "STOP TAPE" starts flashing 8 minutes after a fast-forward (**◀◀** [4]) or rewind (**▶▶** [4]) operation. After about 10 minutes have elapsed, the unit turns off automatically.
- When "STOP TAPE" flashes, always check the **◀◀** or **▶▶** [4] button and make sure to release the button.
- When the time set on the Sleep Timer has elapsed during playback, the "SLEEP" indicator will start flashing but the unit will not turn off. The unit will turn off after the end of playback.

## Recording on a tape

Check the following items before starting operation.

- Use Type I (normal) tapes only. Type II (high position), Type III (ferro-chrome) and Type IV (metal) tapes are not supported.
- Make sure that the overwrite protection tab has not been removed. If the tab has been removed, cover the broken tab using adhesive tape.
- Be sure to connect the AC power cord to avoid an unexpected recording failure.

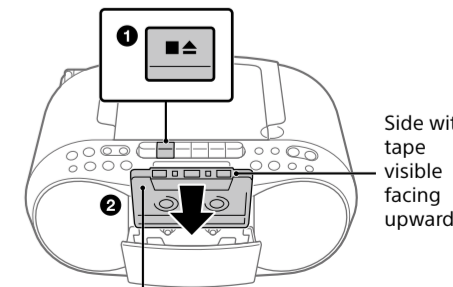
- 1 Press **⏻** [1] to turn on the power of the unit, and then prepare the source you want to record.

■ **To record CD-DA tracks or MP3 files on a disc**  
Place a disc in the CD compartment. Make sure not to start playback. See "Playing a music disc."

■ **To record a radio program**  
Tune to the desired station. See "Listening to the radio."

■ **To record sound from a connected optional component**  
Press **AUDIO IN** [8] and connect an optional component such as a TV, portable digital music player, etc. to the **AUDIO IN** jack [15], and then start playback.

- 2 Press **▶▲** [4] (▶), insert a cassette tape into the cassette tape compartment (▶) and then close the compartment cover.



Recording side facing forward

