

SONY

4-740-547-11(1)

Personal Audio System

Operating Instructions



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CFD-570BT

Before operating the system, please read this Operating Instructions thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located on the bottom of the unit. Record these numbers in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. CFD-570BT
Serial No. _____

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.

Do not place anything within 10 mm of the rear of the 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 is located on the bottom exterior.

Important Safety Instructions

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

This graphical symbol is located on the bottom of the unit.



FOR UNITED STATES CUSTOMERS. NOT APPLICABLE IN CANADA, INCLUDING IN THE PROVINCE OF QUEBEC. POUR LES CONSOMMATEURS AUX ÉTATS-UNIS. NON APPLICABLE AU CANADA, Y COMPRIS LA PROVINCE DE QUÉBEC.

NOTE:

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 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.

This equipment must not be co-located or operated in conjunction with any other antenna or transmitter.

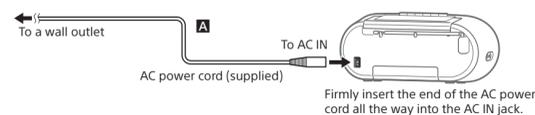
This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

For customers in Canada

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Power Sources

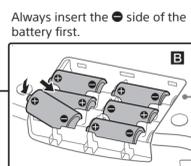
Connect the AC power cord **A**, or insert six R14 (size C) batteries (not supplied) into the battery compartment **B**.



When using the unit on battery power, disconnect the AC power cord from the unit and the wall outlet.



Press down on the battery compartment cover at **1** and slide it in the direction of the arrow **2**.

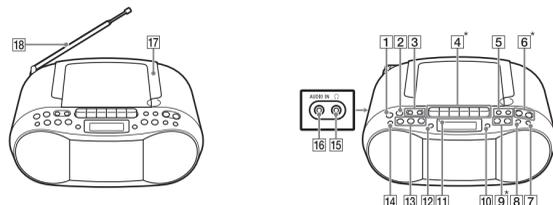


The batteries are oriented in different directions. Insert them in the correct orientation as illustrated here. Avoid using old batteries with new ones or mixing different type of batteries.

Notes

- When the alert message "LO-BATT" flashes, replace all the batteries with new ones. Also see "Checking the remaining battery power".
- Preset radio stations and paired BLUETOOTH device information are retained even when the AC power cord is disconnected or the batteries are removed.
- Before you replace the batteries, remove any CDs or tapes, disconnect any optional components from the unit, and store the FM antenna in its original position if extended.
- In standby mode with the AC power cord connected, "STANDBY" appears on the display.

Basic Operations



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

Getting started

To turn the power on or off
Press **⏻** (power) **1**.

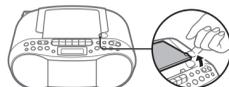
To adjust the volume
Press **VOLUME** + or - **6**. The volume level of this unit is adjustable in steps from 0 to 31. If you want to adjust the volume level continuously, hold the button down, and release it at the desired level.

To listen through headphones
Connect headphones to the **φ** (headphones) jack **15**. To protect your hearing, avoid listening at excessive volume level when listening through headphones.

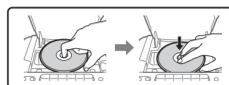
To turn the bass enhancement function on or off
Press **MEGA BASS** **7**. "MEGA BASS" lights up when the function is turned on. This function is turned on by default.

Playing a music disc

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



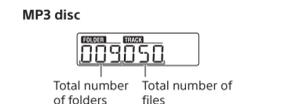
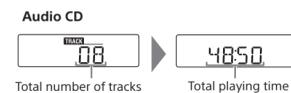
3 Place a disc in the CD compartment and then close the compartment cover.
Push down on the center of the disc until it fits into place.



Label side up



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



*1 "----" appears if the playing time is longer than 100 minutes.
*2 Press **DISPLAY/ENTER** **12** to switch the playback screen between showing the playing time and the current track number (or the current folder and file number (MP3)).

To switch to the CD function from other functions
Press **CD PLAY/PAUSE** (▶||) **9**. Inserted CDs play automatically. Press **STOP** (■) **9** to stop playback.

Other operations

To	Do this
Pause playback	Press CD PLAY/PAUSE (▶) 9 . To return to playback, press the button again.
Stop playback	Press STOP (■) 9 . If you press CD PLAY/PAUSE (▶) 9 after playback has been stopped, it 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 STOP (■) 9 twice, and then press CD PLAY/PAUSE (▶) 9 .
Select a folder on an MP3 disc	Press TUNE 13 + or - 3 .
Select a track/file	Press ◀ 4 or ▶ 5 . You can skip tracks/files one by one.
Find a point in a track/file	Hold down ◀ 4 or ▶ 5 during playback, and release it at the desired point.

* Resume Play is cancelled when you open the CD compartment cover or turn off the power.

Disc and audio formats

Disc format	File format	Playable
Audio CD	CD-DA*2	Yes
CD-R/CD-RW	*1,*3 CD-DA*2	Yes
	MP3	Yes
	Other file formats	No

DVD-ROM, DVD-R/DVD-RW, DVD+R/DVD+RW, DVD-RAM	All file format	No
BD-ROM, BD-R/BD-RE	All file format	No

- *1 Audio CD formats conforming to ISO 9660 Level 1/Level 2 or Joliet are supported. CD-R/CD-RW discs created in other formats are not supported.
- *2 CD-DA (Compact Disc Digital Audio) is the standard format for audio discs.
- *3 Discs need to be finalized after writing audio data to make the discs playable on the CD player.

Notes on discs

- DualDisc and some music discs encoded with copyright protection technologies do not conform to the CD standard. Therefore, these discs may not be compatible with this product.
- This unit can only play MP3 files that have a file extension of ".mp3".

Maximum numbers of folders and files

The maximum recognizable numbers of folders and files on a CD-R/CD-RW disc are as follows:
 - Total number of folders: 99 (including the "ROOT" folder)
 - Total number of audio files: 413
 - Number of directory levels (folder depths): 9 (including the "ROOT" folder).

Listening to music wirelessly on a BLUETOOTH device

Through a BLUETOOTH connection, you can listen to music from wirelessly connected BLUETOOTH devices such as mobile phones, smartphones, tablets, music players, etc.



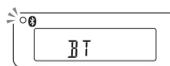
Notes

- Hands-free calls with a BLUETOOTH mobile phone or smartphone are not supported.
- The sound of CDs, cassettes, and radios played on this unit cannot be transmitted to the Bluetooth compatible headphones for playback.

Pairing this unit with a BLUETOOTH device

BLUETOOTH devices must be "paired" beforehand. Once BLUETOOTH devices are paired, there is no need for pairing again. Keep the BLUETOOTH device and the unit within 1 meter (39 3/8 in) of each other for this operation.

- Press **AUDIO IN/BLUETOOTH (-PAIRING)** **10** repeatedly until "BT" appears on the display to turn on the BLUETOOTH function. If no device has been paired yet, such as when you press **AUDIO IN/BLUETOOTH (-PAIRING)** **10** for the first time after purchase, the unit will automatically enter the pairing mode, and the BLUETOOTH indicator **11** will flash rapidly.



When pairing with two or more BLUETOOTH devices

Hold down **AUDIO IN/BLUETOOTH (-PAIRING)** **10** for about 2 seconds until two beeps are heard.

- Turn on the BLUETOOTH function of the device.
- Perform the pairing procedure on the BLUETOOTH device to detect the unit.
- Select "CFD-570BT" on the display of the BLUETOOTH device. If "CFD-570BT" does not appear on the display, repeat from Step 2. If Passcode* input is required on the display of the BLUETOOTH device, input "0000". The BLUETOOTH indicator **11** stops flashing once the BLUETOOTH connection is established. * "Passcode" may be referred to as "Passkey," "PIN code," "PIN number," or "Password."

Tip

You can pair up to 8 BLUETOOTH devices. If a 9th device is paired, the oldest paired or connected device will be deleted.

Notes

- After about 5 minutes, the unit's pairing mode is cancelled, and the BLUETOOTH indicator **11** starts to flash slowly. If the pairing mode is cancelled during this procedure, start over from Step 1.
- The passcode of the unit is fixed as "0000". The unit cannot be paired with a BLUETOOTH device whose Passcode is not "0000".
- After you reset the unit, it may not be able to connect with your iPhone/iPod touch. In this case, delete the pairing information for the unit from your iPhone/iPod touch, and then repeat the pairing operation.

Listening to music

Turn on the BLUETOOTH function of the BLUETOOTH device and pair this unit with the device before listening. (See "Pairing this unit with a BLUETOOTH device.")

- Press **AUDIO IN/BLUETOOTH (-PAIRING)** **10** to turn on the BLUETOOTH function. The last connected device is connected automatically. When the BLUETOOTH connection is established, the BLUETOOTH indicator **11** lights up.
- Start playback of an audio source such as music, videos, games, etc., on the device. Refer to the instruction manual of your device for details on playback operations.

Notes

- Perform playback operations on the BLUETOOTH device. Operations such as play, pause, and track selection cannot be controlled on this unit.
- Due to characteristics of BLUETOOTH wireless technology, the sound played on the unit is slightly delayed from the sound played on the BLUETOOTH device.
- Noise or sound skipping may occur depending on the connected BLUETOOTH device and the communication/usage conditions.

To terminate the BLUETOOTH connection

- Do any of the following.
- Turn off the BLUETOOTH function or power of the BLUETOOTH device.
 - Change the function or turn off the power of the unit.

To clear the paired device information

- Hold down **STOP** (■) **9** until "BT" and "CLEAR" alternate on the display.



- Press **DISPLAY/ENTER** **12** within 10 seconds. When the paired device information is cleared, "BT" appears on the display and the unit enters the pairing mode. To cancel resetting, press **STOP** (■) **9** before pressing **DISPLAY/ENTER** **12**.

Listening to the radio

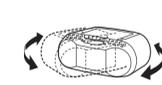
- Press **⏻** **1** to turn on the unit.
- Adjust the antenna for optimum reception.

FM



Extend the FM antenna **16** and adjust its length and angle for optimum reception. See "Notes on handling the FM antenna."

AM



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

- Press **FM/AM** **2** repeatedly to select the "FM" or "AM" band.
- Hold down **TUNE** **13** + 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** **13** + 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** **8** repeatedly until "Mono" appears on the display. You will lose the stereo effect, but the reception will be improved.

Notes on handling the FM antenna

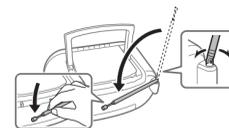
- When adjusting the length, hold the antenna by the thickest part and top, and extend/retract it slowly.



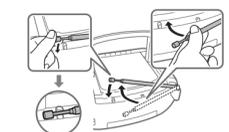
- When adjusting the direction, hold the antenna by the thickest part and rotate it. If you move the antenna by the top or apply strong force, it may break.

To store the FM antenna

- Retract the antenna slowly. Push the antenna downward slowly. Otherwise, it may bend or break.
- Check the direction of the base screw to make sure you move the antenna in the proper direction. Tilt and rotate the antenna gently. Otherwise, it may break.

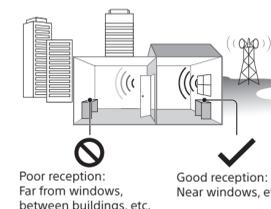


- Rotate the antenna over the catch, maintaining the same angle. Push the top of the antenna to stow it inside the catch.

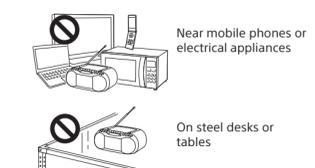


To improve radio reception

Use the radio where there is good signal quality, such as near a window. For better reception, adjust the antenna (FM) or reorient the unit itself (AM).



Change the location if reception is poor.



Presetting radio stations

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

- Press **⏻** **1** to turn on the unit.
- Press **FM/AM** **2** repeatedly to select a band.
- Hold down **FM/AM** **2** until "AUTO" flashes on the display.
- Press **DISPLAY/ENTER** **12** within 8 seconds to store the station. The stations are stored in memory from lower frequencies to higher ones.



Note

Perform this step within 8 seconds, or else storing will be cancelled. In this case, repeat from Step 3.

If a station cannot be preset automatically

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

- Press **FM/AM** **2** repeatedly to select a band.
- Tune to the desired station.
- Hold down **DISPLAY/ENTER** **12** until "FM-xx" or "AM-xx" flashes on the display. (Example: FM)



- Press **PRESET** + or - **5** until the preset number for the station you want flashes on the display.
- Press **DISPLAY/ENTER** **12** to store the station. Any previously registered station will be replaced with the new one. If you want to cancel presetting, press **STOP** (■) **9**.

Listening to a preset radio station

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

Tip

Repeatedly press **DISPLAY/ENTER** **12** while listening to the radio to switch the radio information display between preset number and 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)** **13** buttons. Assign one FM or AM program for each button.

- Press **FM/AM** **2** repeatedly to select a band.
- Tune to the station you want to preset.
- Press and hold the desired **FAVORITE RADIO STATIONS (-SET)** **13** until you hear a beep. The tuned station is preset to the selected button and the number of the button lights up on the display.

(Example: Presetting FM 87.5 MHz to number **1**)



To change the preset station

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

Listening to preset stations with FAVORITE RADIO STATIONS buttons

Press the desired **FAVORITE RADIO STATIONS (-SET)** **13** button.

Note

Press the button briefly. Otherwise, the preset station will be replaced.

Playing cassette tapes

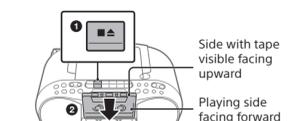
- Use Type I (normal) tapes. Type II (high position), Type III (ferro-chrome) and Type IV (metal) tapes are not supported.
- Remove the slack with a pencil as illustrated to avoid mechanical trouble.



- Avoid using degraded or dirty tapes.
- Clean the tape head before use. (See "Cleaning the tape heads and tape path".)

Other operations

1 Press **▶** **4** (▶) to insert a cassette tape into the cassette tape compartment (▶) and then close the compartment cover.



2 Press **▶** **4** to start playback. Side with tape visible facing upward. Playing side facing forward.

To	Do this
Stop playback	Press ▶ 4 .
Pause playback	Press 4 . To resume playback, press the button again.
Fast-forward or rewind	Press ◀ 4 or ▶ 4 .
Eject the cassette	Press ▶ 4 while playback is stopped.

Recording on a tape

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

- Press to turn on the unit, and 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. Do not start playback. See "Playing a music disc."

To record a radio program

Press **FM/AM** repeatedly to select a band and tune to the desired station. See "Listening to a radio."

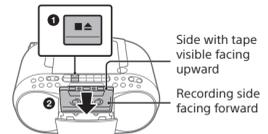
To record sound from a connected BLUETOOTH device

Press **AUDIO IN/BLUETOOTH (-PAIRING)** until "BT" appears on the display. Establish a BLUETOOTH connection with the device. Then, start playback. See "Listening to music wirelessly on a BLUETOOTH device."

To record sound from a connected optional component

Press **AUDIO IN/BLUETOOTH (-PAIRING)** until "AU IN" appears on the display. Connect an optional component such as a TV, portable digital music player, etc. to the AUDIO IN jack . Then, start playback.

- Press . Insert a cassette tape into the cassette tape compartment . Close the compartment cover.



- Press to start recording (the play button depresses automatically at the same time).

When recording from a disc

Playback starts automatically and recording of all the tracks/files on the disc proceeds from the first track/file. When the tape reaches the end, recording stops automatically.

When recording a radio program, or sound from a connected BLUETOOTH device or optional component

Recording continues until the tape reaches the end.

Tips

- Adjusting the volume or audio emphasis on the unit will not affect the recording level. However, adjusting them on the connected BLUETOOTH device or optional component will.
- If the AM program makes whistling sounds after you press in Step 3, press **PLAY MODE** repeatedly to select a position of the ISS (Interference Suppress Switch) that may decrease the noise.

Other operations

To	Do this
Stop recording	Press .
Pause recording	Press . To resume recording, press the button again.

To record starting from a specific track/file

Press or to select the track/file on the disc. Then press . Playback starts automatically, and recording of the selected track/file and the following tracks/files proceeds until the tape reaches the end.

To record from partway through the current CD-DA track or MP3 file

Press **CD PLAY/PAUSE** to pause playback where you want to start recording. Then press .

To record favorite CD-DA tracks or MP3 files on a disc

Create a program (see "Creating your own program (Program Play)"). Press to start recording.

To erase recorded cassette tapes

To erase a cassette tape, you need to record silence over the previous recording.

- Press to turn on the unit.
- Insert a recorded tape into the cassette tape compartment.

- Press .

The erasing process starts. The previous recording is overwritten with silent data.

Connecting optional components

You can enjoy sound from an optional component, such as a TV or portable digital music player, through the speakers of this unit. 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 to the line output jack of the component using an audio connection cable (not supplied).
- Turn the connected component on.
- Press **AUDIO IN/BLUETOOTH (-PAIRING)** until "AU IN" appears on the display, and start playing sound on the connected component. The sound from the connected component is output from the speakers.

Tip

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

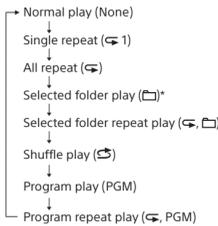
Other Operations

Selecting a CD play mode

- You can select a CD play mode while a disc is stopped.*
- Press **STOP** if "PUSH STOP" is displayed.
 - * If a function other than CD is selected, press **CD PLAY/PAUSE** to switch to the CD function.

Press **PLAY MODE** repeatedly.

Each time you press the button, the indication changes as follows:



- * These functions are available only when playing MP3 files on an MP3 disc.

Note

The selected CD play mode is cleared when you open the CD compartment cover or when power to the unit is cut off.

Playing tracks/files repeatedly (Repeat Play)

- Press to turn on the unit. Place a disc in the CD compartment.
- Select a play mode.
- Prepare the playback source (see the table below). Press **CD PLAY/PAUSE** .

To repeat	Do this
A single track/file	Select a track/file by pressing or . If you want to repeat an MP3 file in a specific folder, press TUNE + or - to select a folder before selecting the file.
All tracks/files	No preparation is required. Start playback.
A selected folder on an MP3 disc	Select a folder by pressing TUNE + or - .
Programmed tracks/files	Create a program by performing Steps 3 to 5 of "Creating your own program (Program Play)."

To cancel Repeat Play

Press **STOP** to stop playback, and then press **PLAY MODE** repeatedly until (or) disappears from the display.

Playing tracks/files in random order (Shuffle Play)

- Press to turn on the unit, and place a disc in the CD compartment.
- Press **PLAY MODE** repeatedly until appears on the display.
- Press **CD PLAY/PAUSE** to start Shuffle Play.

To cancel Shuffle Play

Press **STOP** to stop playback, and then press **PLAY MODE** repeatedly until disappears from the display.

Tip

During Shuffle Play, you cannot select the previous track/file by pressing .

Creating your own program (Program Play)

You can arrange the playing order of up to 25 tracks/files on a disc.

- Press to turn on the unit, and place a disc in the CD compartment.
- Press **PLAY MODE** repeatedly until "PGM" appears on the display.
- Press or to select a track/file. When you want to specify a folder that contains MP3 files, press **TUNE** + or - first to select a folder, and then press or to select a file.

The track/file is programmed and the program step number appears.

- Repeat steps 3 and 4 to program additional tracks/files.

- Press **CD PLAY/PAUSE** to start Program Play.

To play the same program again, press **CD PLAY/PAUSE** .

Note that the created program is cleared in the following cases:

- When you open the CD compartment cover.
- When you turn off the power of the unit in the CD function.

Note

If you try to program 26 tracks/files or more, "FULL" flashes on the display.

To display programmed track/file information

After creating your own program, you can check information about programmed tracks/files.

Press **STOP** to stop playback, and then press **DISPLAY/ENTER** repeatedly. The display changes as follows:

Total number of steps \leftrightarrow Last programmed track/file number

To cancel Program Play

Press **STOP** to stop playback, and then press **PLAY MODE** repeatedly until "PGM" disappears from the display.

To delete all tracks/files in the current program

Stop playback, and then press **STOP** . "noSTEP" appears and you can create a new program, following the procedure "Creating your own program (Program Play)."

Using the Sleep Timer

- Press **SLEEP** . The default setting ("90") appears and the "SLEEP" indicator lights up on the display.
- Press **SLEEP** repeatedly to select the desired setting.



Each time you press the button, the duration (in minutes) changes on the display, and the selected setting is confirmed automatically after about 4 seconds.

The unit turns off automatically after a set time has elapsed.

To cancel the Sleep Timer

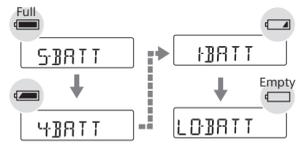
Press **SLEEP** repeatedly to select "OFF" or turn off the unit.

Tips

- The "SLEEP" indicator flashes once every 8 seconds while the Sleep Timer is activated.
 - The "SLEEP" indicator starts flashing on the display about 1 minute before the unit turns off.
 - You can check the time left until the unit turns off by pressing **SLEEP** again after setting the Sleep Timer. Do not perform this operation while the "SLEEP" indicator is flashing (flashing starts 1 minute before the unit turns off). If you do, the Sleep Timer will be cancelled instead of displaying the time remaining.
 - When the set time has elapsed during a tape function operation (playing/recording/erasing), the "SLEEP" indicator starts flashing, but the unit does not turn off until after the operation ends.
 - Avoid cleaning with solvents, commercial cleaner, or anti-static spray.
 - Avoid exposing CDs to sunlight or heat.
 - Do not put stickers on the surfaces of CDs.
 - After playing, store the CD in its case.
- Notes on cassettes**
- Remove the overwrite protection tab from side A or B to prevent accidental recording. If you want to reuse the tape for recording, cover the area using adhesive tape.

Checking the remaining battery power

When using the unit on battery power, you can check how much battery power remains. The remaining battery power is displayed in 5 levels as shown below (battery icons are for illustrative purposes only). The higher the number, the more battery power remains.



After the "LO-BATT" alert flashes for 8 seconds, the unit turns off automatically. Replace all the batteries with new ones when this message appears. Otherwise, the unit will not turn on, or will only turn on for a short period of time and then turn off again.

To check the battery level, perform the following.

When using the CD or FM/AM function

Press **DISPLAY/ENTER** repeatedly.

When using the BLUETOOTH, tape or AUDIO IN function

Press **DISPLAY/ENTER** once.

Cleaning the tape heads and tape path

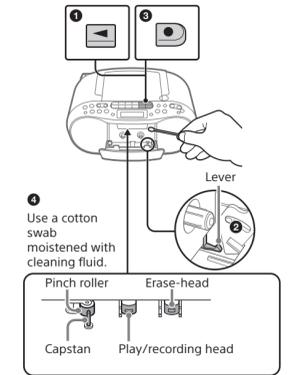
Failure to clean the tape heads can degrade the sound quality or make the unit unable to play or record tapes. Clean after every 10 hours of use, using a commercially available cleaning kit.

To clean the pinch roller, capstan and play/recording head

Press and then perform cleaning .

To clean the erase-head

Press while holding down the lever with your finger, and then perform cleaning .



Precautions

Notes on discs

- Handle CDs by their edges. Fingerprints will cause noise or errors.
- Clean CDs with a soft cloth or commercial CD cleaning cloth as illustrated. Fingerprints or dirt may cause noise or errors.
- Avoid cleaning with solvents, commercial cleaner, or anti-static spray.
- Avoid exposing CDs to sunlight or heat.
- Do not put stickers on the surfaces of CDs.
- After playing, store the CD in its case.

Notes on cassettes

- Remove the overwrite protection tab from side A or B to prevent accidental recording. If you want to reuse the tape for recording, cover the area using adhesive tape.



- Using a cassette tape with 90 minutes or less of play time is recommended.

Safety

- Never disassemble the unit. Laser and high voltages are used.
- Unplug the cord from the unit if any solid object or liquid gets inside. Have the unit checked by qualified personnel before resuming operation.

Power sources

- For AC operation, use the supplied AC power cord; do not use any other cord.
- Unplug the unit from the wall outlet if it will not be used for an extended period of time.
- When not using the batteries, remove them to avoid damage from battery leakage or corrosion.

Placement

- To avoid malfunction, do not leave the unit under the following conditions:
 - At high temperatures such as in direct sunlight, near a heat source, or under lighting equipment.
 - In a car with the windows closed (especially in summer).
 - Near objects susceptible to magnetism (watches, credit cards).
 - Subject to heavy vibration

Operation

- If condensation forms on the lens inside the CD player due to rapid rises in temperature or heavy humidity, remove the CD and leave the CD compartment open for about an hour so that the moisture can evaporate.

Handling the unit

- Shut the CD compartment cover after changing CDs to avoid dust contamination.
- When carrying the unit, hold it by the handle to avoid dropping it.

Cleaning the cabinet

- Clean the cabinet, panel, and controls with a soft cloth dipped in a mild detergent solution. Abrasive pads, scouring powder, and solvents such as alcohol or benzine may damage the unit.

Consult your nearest Sony dealer if you have any questions or problems concerning your unit.

Troubleshooting

General

The power does not turn on.

- Connect the AC power cord securely to both the wall outlet and the AC IN jack.
- Check if the batteries are inserted correctly, matching the polarities.

There is no sound.

- Check the volume level of the unit.
- Unplug the headphones if listening through speakers.

The sound is noisy.

- Is someone using a mobile phone or other equipment emitting radio waves near the unit? If so, move the unit and the BLUETOOTH device away from it. Devices such as mobile phones, etc. can affect BLUETOOTH communication.

CD player

The CD player does not play even when a CD is in place.

- Place the CD with the label side up.
- Clean the CD.
- The CD-R/CD-RW is blank or unfinalized.
- There are no playable MP3 files on the disc.
- There is a problem with the quality of the CD-R/CD-RW, recording device, or application software.

"noCD" appears when the disc is loaded.

- No disc is set in the CD compartment. Set a disc. The CD may have a reading problem. Replace the disc.
- The CD may be upside down. Place the disc with the label side up.
- An unplayable disc (DVD, BD, etc.) is loaded. Replace the disc.

"00" appears on the display when the disc is loaded.

- No audio files recorded in supported formats, or a file to be played back has an unsupported file extension.

"Err" appears when the disc is loaded.

- The CD may be dirty. Clean the disc.
- The CD may have scratches. Replace the disc.

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 vibrations.
- 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.

BLUETOOTH device

There is no sound.

- Move the unit closer to the BLUETOOTH device. Check for interference from a wireless LAN, another 2.4 GHz wireless device, or a microwave oven.
- Check the BLUETOOTH connection between the unit and the BLUETOOTH device.
- Repeat pairing (See "Pairing this unit with a BLUETOOTH device").
- Keep away from metal objects or surfaces.
- Check the BLUETOOTH function on the BLUETOOTH device.

The sound skips or noise occurs.

Various factors can cause noise or sound skipping. Please check the following causes and solutions.

Cause	Solutions
Scenario 1: Many applications are running on the smartphone/tablet at the same time. The performance of the smartphone/tablet may become sluggish, which affects the BLUETOOTH communication.	<ul style="list-style-type: none">Quit unused applications on the smartphone/tablet.Reboot the smartphone/tablet.Free up memory using a dedicated application to refresh memory usage on the smartphone/tablet.
Scenario 2: Listening to streaming content in an overloaded Wi-Fi network environment. When multiple devices (computers, smartphones, tablets, etc.) simultaneously access the same Wi-Fi network and transmit large bandwidths of data, the Wi-Fi router becomes overloaded. This may affect your listening.	<ul style="list-style-type: none">Check if the Wi-Fi router is overloaded.Avoid listening to streaming content while multiple devices are simultaneously accessing the same Wi-Fi network to view streaming content, download software applications, play online games, etc.
Scenario 3: Influence from external factors such as microwaves, other wireless devices, etc. BLUETOOTH devices may be affected by these radio waves when they are used in a location with a mixture of multiple radio waves.	<ul style="list-style-type: none">Use the BLUETOOTH device and the unit as far away as possible from such sources to avoid radio-wave interference.Reboot the BLUETOOTH device. Then, clear the paired device information from the unit (see "To clear the paired device information") and repeat pairing (see "Pairing this unit with a BLUETOOTH device").
Scenario 4: The audio drops out. Because BLUETOOTH transmissions are a form of wireless communication, sometimes transmission may become unstable.	<ul style="list-style-type: none">Use the BLUETOOTH device closer to the unit.Reposition the unit.
Scenario 5: Using the BLUETOOTH device outdoors. The sound may skip more frequently when you use the BLUETOOTH device outdoors because there are fewer hard surfaces for BLUETOOTH radio signals to reflect off of.	<ul style="list-style-type: none">Use the BLUETOOTH device closer to the unit.Move the BLUETOOTH device closer to the unit (about 30 cm) and then gradually move it away from the unit to find a better position.
Scenario 6: The BLUETOOTH device is inside a breast pocket, pants pocket, or bag. The human body can block the BLUETOOTH antenna inside this unit and the BLUETOOTH device, and obstruct BLUETOOTH transmission.	<ul style="list-style-type: none">Move the BLUETOOTH device to a position where there is no obstacle.Use the BLUETOOTH device closer to the unit.

Scenario 3: Influence from external factors such as microwaves, other wireless devices, etc. BLUETOOTH devices may be affected by these radio waves when they are used in a location with a mixture of multiple radio waves.

Scenario 4: The audio drops out. Because BLUETOOTH transmissions are a form of wireless communication, sometimes transmission may become unstable.

Scenario 5: Using the BLUETOOTH device outdoors. The sound may skip more frequently when you use the BLUETOOTH device outdoors because there are fewer hard surfaces for BLUETOOTH radio signals to reflect off of.

Scenario 6: The BLUETOOTH device is inside a breast pocket, pants pocket, or bag. The human body can block the BLUETOOTH antenna inside this unit and the BLUETOOTH device, and obstruct BLUETOOTH transmission.

Scenario 7: The audio drops out. Because BLUETOOTH transmissions are a form of wireless communication, sometimes transmission may become unstable.

Scenario 8: The audio drops out. Because BLUETOOTH transmissions are a form of wireless communication, sometimes transmission may become unstable.

Scenario 9: The audio drops out. Because BLUETOOTH transmissions are a form of wireless communication, sometimes transmission may become unstable.

The correspondence distance is short.

- Remove any obstacle between the unit and the device or move the device and the unit away from the obstacle.
- Re-position this unit.
- Try using the BLUETOOTH device in another position.

A connection cannot be established.

- Depending on the device, it may require some time to start communication.
- Repeat pairing (See "Pairing this unit with a BLUETOOTH device").
- Check that the BLUETOOTH device is compatible* with this unit.

Pairing fails.

- Bring the BLUETOOTH device closer to the unit.
- Delete the model name of the unit from the BLUETOOTH device and repeat pairing (See "Pairing this unit with a BLUETOOTH device").
- Check that the BLUETOOTH device is compatible* with this unit.
- Clear the paired device information on the unit (see "To clear the paired device information") and repeat pairing (see "Pairing this unit with a BLUETOOTH device").

* For the latest information on compatible BLUETOOTH devices, check the websites below.

For customers in the USA: <http://esupport.sony.com>

For customers in Canada: (English) <http://sony.ca/support> (French) <http://fr.sony.ca/support>

Radio

The sound is weak or reception is poor.

- Replace all the batteries with new ones.
- Change the location of the unit (See "To improve radio reception").
- Adjust the antenna (See Step 2 of "Listening to a radio").

A small humming noise is heard from the radio.

- This is not a malfunction. You may hear a small humming noise from the radio depending on the status of the power supply.

Tape

Noise is heard during playback.

- This is not a malfunction. You may hear background noise ("hissing"), mechanical noise, or noise due to electromagnetic interference in the playback.

The button does not function or the tape does not start playback or recording.

- Check the overwrite protection tab.

If the problem persists after trying the above, unplug the AC power cord or remove all the batteries. After all the indications on the display disappear, plug in the AC power cord again, or re-insert the batteries. If the problem is still not resolved, consult your nearest Sony dealer.

Specifications

AUDIO POWER SPECIFICATIONS
POWER OUTPUT AND TOTAL HARMONIC DISTORTION (The United States model only)
With 4-ohm loads, both channels driven from 150 Hz – 10,000 Hz; rated 1.1 W per channel-minimum RMS power, with no more than 10 % total harmonic distortion in AC operation.

CD player section

System
Compact disc digital audio system
Laser diode properties
Emission duration: Continuous
Laser output: Less than 44