

Other Operations

Using the display

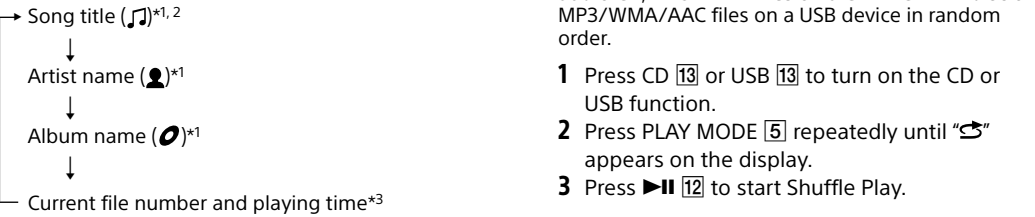
Checking the information of an audio CD

Press **■** **[12]** twice to cancel Resume Play. The total number of tracks and total playing time appear on the display.

Checking MP3/WMA/AAC file information

Press DISPLAY **[6]** repeatedly while playing an MP3/WMA file on the disc or an MP3/WMA/AAC file on the USB device.

The display changes as follows:



*1 If the file does not have corresponding ID3, WMA or AAC tag information, the file name, "NO ARTIST," and "NO ALBUM" scroll on the display instead of the song title, artist name, and album name.

*2 The function name is displayed for 2 seconds before the song title appears.

*3 The artist name or album name changes to this after a few seconds or when the scrolling completes.

Checking the radio information

Press DISPLAY **[6]** repeatedly while listening to the radio.

The display changes as follows:

When listening to FM

Preset number*1 → Frequency

When listening to DAB

Preset number*1 → DLS (Dynamic Label Segment)*2 → PTY label*2 (see "PTY (programme type)" in "Specifications") → Ensemble label*2 → Channel → Bit rate*3 → Signal level*3 → Component label

Press **■** **[12]** to return to the normal display.

*1 A preset number is displayed only when you are listening to the preset radio station.

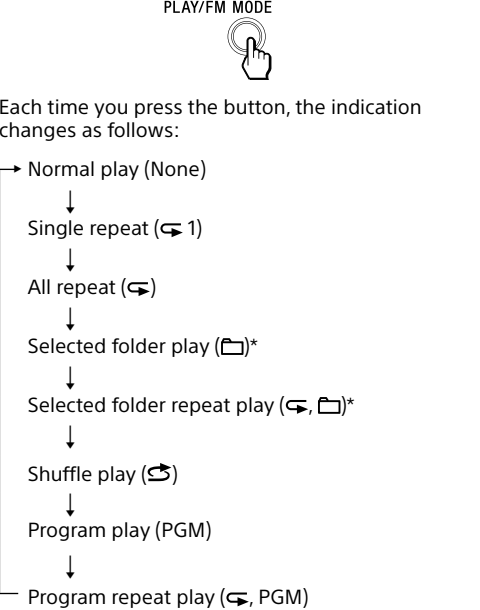
*2 "NO DLS," "NO PTY" or "NOSIGNAL" may appear if no DLS, no PTY label or no ensemble label is received.

*3 "----" may appear if no bit rate or no signal level is received.

Selecting play mode

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

Press PLAY MODE **[5]** repeatedly.



* These functions are available only when playing MP3/WMA files on an MP3/WMA disc or MP3/WMA/AAC files on a USB device.

Playing tracks/files repeatedly (Repeat Play)

You can set the unit to repeatedly play CD-DA tracks on an audio CD, MP3/WMA files on a CD-R/CD-RW disc, or MP3/WMA/AAC files on a USB device in normal, folder and program play modes.

- Press CD **[13]** or USB **[13]** to turn on the CD or USB function.
- Proceed as follows.

To repeat	Do this
A single track/file	- Press PLAY MODE [5] repeatedly until "↺ 1" appears. - Press ◀▶ or ▶▶ [7] to select a track/file that you want to repeat. - Press ▶▶ [12].
All tracks/files	- Press PLAY MODE [5] repeatedly until "↺" appears. - Press ▶▶ [12].
A selected folder on an MP3/WMA disc or USB device	- Press PLAY MODE [5] repeatedly until "□" and "↺" appear. - Select a folder by pressing □ + or − [8]. - Press ▶▶ [12].

To repeat	Do this
Programmed tracks/files	- Program tracks/files (see "Creating your own program (Program Play)"). - Press PLAY MODE [5] until "PGM" and "↺" appear on the display. - Press ▶▶ [12].

To cancel Repeat Play

Press **■** **[12]** to stop playback, and then press PLAY MODE **[5]** repeatedly until "↺" (or "↺ 1") disappears from the display.

Playing tracks/files in random order (Shuffle Play)

You can set the unit to play CD-DA tracks on an audio CD, MP3/WMA files on a CD-R/CD-RW disc or MP3/WMA/AAC files on a USB device in random order.

- Press CD **[13]** or USB **[13]** to turn on the CD or USB function.
- Press PLAY MODE **[5]** repeatedly until "♫" appears on the display.
- Press **▶▶** **[12]** to start Shuffle Play.

To cancel Shuffle Play

Press **■** **[12]** to stop playback, and then press PLAY MODE **[5]** repeatedly until "♫" disappears from the display.

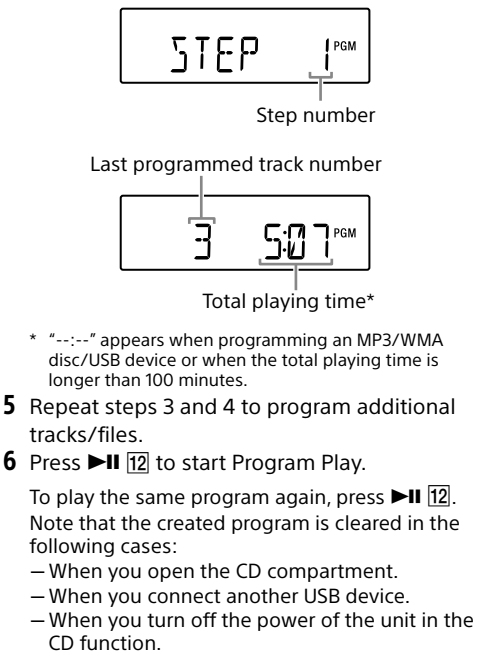
Tip

During Shuffle Play, you cannot select the previous track/file by pressing **◀◀** **[7]**.

Creating your own program (Program Play)

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

- Press CD **[13]** or USB **[13]** to turn on the CD or USB function.
- Press PLAY MODE **[5]** repeatedly until "PGM" appears on the display.
- Press **◀◀** or **▶▶** **[7]** to select a track/file. When you want to specify a folder that contains MP3/WMA/AAC files, press **□ +** or **−** **[8]** first to select a folder, and then press **◀◀** or **▶▶** **[7]** to select a file.
- Press ENTER **[6]**. The track/file is programmed. The program step number appears, followed by the total playing time. (Example: audio CD)



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 DISPLAY **[6]** repeatedly and the display changes as follows:

Total number of steps ↔ Last programmed track/file number and the total playing time*

* "----:--" appears for MP3/WMA discs and USB devices, or when the total playing time is longer than 100 minutes.

To cancel Program Play

Press **■** **[12]** to stop playback, and then press PLAY MODE **[5]** repeatedly until "PGM" disappears from the display.

To delete all tracks/files in the current program

Stop playback, and then press **■** **[12]**. "NO STEP" appears and you can create a new program, following the procedure "Creating your own program (Program Play)."

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 DAB.

Presetting FM stations automatically

- Press DAB/FM **[13]** repeatedly to turn on the radio function and select the "FM" band.
- Hold down DAB/FM **[13]** until "AUTO" flashes on the display.

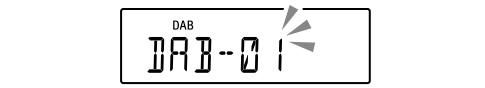


- Press ENTER **[6]** to store the station. The stations are stored in memory from lower frequencies to higher ones.

Presetting radio stations manually

You can manually tune in and store the radio frequencies of desired stations.

- Press DAB/FM **[13]** repeatedly to select a band.
- Tune to the desired station.
- Hold down ENTER **[6]** until "DAB-xx" or "FM-xx" flashes on the display. (Example: DAB)



- Press PRESET + or **−** **[7]** until the preset number for the station you want flashes on the display.

- Press ENTER **[6]** to store the station. If another station is already assigned to the selected preset number, that station is replaced by the new one.

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.

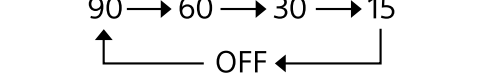
Listening to preset radio stations

- Press DAB/FM **[13]** repeatedly to turn on the radio function and select the "DAB" or "FM" band.
- Press PRESET + or **−** **[7]** to select a stored preset number for the desired radio station.

Using the Sleep Timer

You can set the unit to turn off automatically after set time has elapsed.

- Press SLEEP **[14]**. The default setting ("90") appears and the "SLEEP" indicator lights up on the display.
- Press SLEEP **[14]** 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.

Tip

You can check the time left until the unit turns off by pressing SLEEP **[14]** again after setting the sleep timer.

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 **[9]** to the line output jack of the portable digital music player or other component using an audio connection cable (not supplied).

- Turn the connected component on.
- Press AUDIO IN **[13]** and start playing sound on the connected component.

The sound from the connected component is output from the speakers.

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.

Precautions

Discs that this unit CAN play

- Audio CD (CD-DA*1 tracks)
- CD-R/CD-RW that contains MP3/WMA files and is finalized*2 correctly.

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

*2 Finalizing is the process to make the CD-R/CD-RW disc finalizable on the consumer disc player products, and the finalizing can be enabled or disabled as optional settings during disc creation in most recording software.

Discs that this unit CANNOT play

- CD-R/CD-RW other than those recorded in audio CD format or formats conforming to ISO 9660 Level 1/Level 2 or Joliet
- CD-R/CD-RW of poor recording quality, CD-R/CD-RW with scratches or that is dirty, or CD-R/CD-RW recorded using an incompatible recording device
- CD-R/CD-RW that is unfinalized or finalized incorrectly

Notes on discs

- Clean the CD with a cleaning cloth if the disc is dirty. Wipe the disc from the center out. If there are scratches, dirt or fingerprints on the disc, a tracking error may occur.
- Do not use solvents such as benzene, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as there can be a considerable rise in temperature inside the car.
- Do not stick paper or a sticker on the CD, or scratch the surface of the CD.
- After playing, store the CD in its case.

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.

On safety

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

On 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 is not to be used for an extended period of time.
- When not using the batteries, remove them to avoid damage that can be caused by battery leakage or corrosion.

On placement

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

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.

On handling the unit

- Do not leave the CD compartment open to avoid dust and debris contamination.

On cleaning the cabinet

- Clean the cabinet, panel and controls using 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, consult your nearest Sony dealer.

Troubleshooting

General

The power does not turn on.

- Make sure the AC power cord is connected to the wall outlet securely.
- Make sure the connector of AC power cord is inserted into the AC IN jack securely.
- Check if the batteries are inserted correctly, matching the polarities.
- Replace all the batteries with new ones when the OPR/BATT indicator **[15]** dims.

There is no sound.

- Is someone using a mobile phone or other equipment emitting radio waves near the unit? If so, move the unit away from such devices.

The sound is noisy.

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

"NOT IN USED" appears.

- You pressed an invalid button.

CD/MP3/WMA 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.
- 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 or unfinalized.
- There are no playable MP3/WMA files on the disc.
- There is a problem with the quality of the CD-R/CD-RW, recording device or application software.
- If the CD-R/CD-RW has been recorded on a PC, it needs to be finalized.
- Replace all the batteries with new ones when the OPR/BATT indicator **[15]** dims.

"NO CD" 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 placed upside down. Place the disc with the label side up.
- An unplayable disc (DVD, BD, etc.) is loaded. Replace the disc.

"NO TRACK" 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.

"DISC ERR" appears when the disc is loaded.

- The CD may be dirty. Clean the disc.
- The CD may have scratches. Replace the disc.
- The CD may have a reading problem. Replace the disc.
- A blank disc may be set in the CD compartment.

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.

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 many folders or non-MP3/WMA files.

USB device

The USB device does not work properly.

- If you connect an incompatible USB device, the following problems may occur.
 - The USB device is not recognized.
 - File or folder names are not displayed on this unit.
 - Playback is not possible.
 - The sound skips.
 - There is noise.
 - The sound output is distorted.

"NOT SUPPORT" appears.

- An unexpected error occurs in the connected device.
- An unknown device is connected.
- An unsupported USB device is connected and playback or pause operation is performed.

"OVER CURRENT" appears and the unit turns off automatically.

- An abnormal level has been detected in the electrical current from the Ψ (USB) port **[11]**. In this case, remove the USB device from the Ψ (USB) port **[11]** and reconnect the USB device, and then turn on the unit again. If this problem persists after turning on the power of the unit, contact your nearest Sony dealer.

There is no sound.

- The USB device may be connected incorrectly. Turn off the unit and reconnect the USB device. Then turn on the unit.

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 creation of audio files. Try re-creating audio files and use them to play on this unit.

The USB device cannot be connected to the Ψ (USB) port **[11]**.

- The connector on the USB device or the USB cable is being inserted backwards. Insert it to the Ψ (USB) port **[11]** in the correct direction.

"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.

Play does not start.

- Turn off the unit and reconnect the USB device.

Play does not start from the first track.

- Set the play mode to Normal Play.

MP3/WMA/AAC files cannot be played back.

- The audio files may have inappropriate file extensions. The file extensions supported by this unit are as follows:
 - MP3: file extension ".mp3"
 - WMA: file extension ".wma"
 - AAC: file extension ".m4a," ".3gp" and ".mp4"
- The audio files may have been created in formats other than MP3/WMA/AAC formats.
- The USB storage device uses a file system other than FAT16 or FAT32.*
- The files are encrypted or protected by passwords.

* 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.

Radio

The sound is weak or reception is poor.

- Replace all the batteries with new ones.
- Move the unit away from nearby TVs.
- Extend the antenna to its full length, and reorient it for best reception.
- If you are in a building, listen near a window.
- If a mobile phone is placed close to the unit, a loud noise may be heard from the unit. Keep the phone away from the unit.

The TV picture is unstable.

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

DAB/DAB+ radio stations are not received properly.

- Perform the DAB auto tune procedure (see "To run the DAB auto tune manually").
- The current DAB/DAB+ service may not be available. Press TUNE + or **−** **[8]** to select a different service.
- If you have moved to another area, some services/frequencies may have changed and you may not be able to tune to your usual broadcast. Perform the DAB auto tune procedure to re-register the contents of broadcasts. (Performing this procedure clears all previously stored presets.)

After trying the suggested remedies, if the problem persists, 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 persists, consult your nearest Sony dealer.

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 measurement at a distance of 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			
DAB (Band-III): 174.928 MHz — 239.200 MHz			
FM: 87.5 MHz — 108 MHz (50 kHz step)			
DAB (Band-III) frequency table (MHz)			
Channel	Frequency	Channel	Frequency
5A	174.928	10A	209.936
5B	176.640	10B	211.648
5C	178.352	10C	213.360
5D	180.064	10D	215.072
6A	181.936	11A	216.928
6B	183.648	11B	218.640
6C	185.360	11C	220.352
6D	187.072	11D	222.064
7A	188.928	12A	223.936
7B	190.640	12B	225.648
7C	192.352	12C	227.360
7D	194.064	12D	229.072
8A	195.936	13A	230.784
8B	197.648	13B	232.496
8C	199.360	13C	234.208
8D	201.072	13D	235.776
9A	202.928	13E	237.488
9B	204.640	13F	239.200
9C	206.352		
9D	208.064		