

Micro HI-FI Component System

GB Operating Instructions



CMT-V9

http://www.sony.net/



WARNING

To reduce the risk of fire, do not cover the ventilation opening of the apparatus with newspapers, tablecloths, curtains, etc. Do not place the naked flame sources such as 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.

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

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

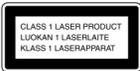
Do not expose batteries or apparatus with battery-installed to excessive heat such as sunshine, fire or the like.

The AC adaptor is not disconnected from the mains as long as it is connected to the AC outlet, even if the main unit itself has been turned off.

The nameplate is located on the bottom exterior of the main unit and on the surface of the AC adaptor.

CAUTION

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



This appliance is classified as a CLASS 1 LASER product. This marking is located on the bottom exterior of the main unit.

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, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

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.

Applicable accessory: Remote commander



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.

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

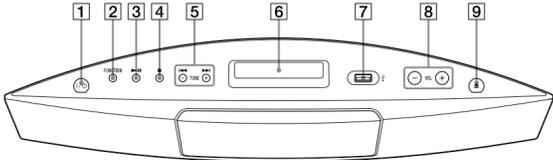
This product is designed to playback discs that conform to the Compact Disc (CD) standard. Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

License and Trademark Notice

- MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.
- Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.
- This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.
- All other trademarks and registered trademarks are of their respective holders. In this manual, ™ and ® marks are not specified.

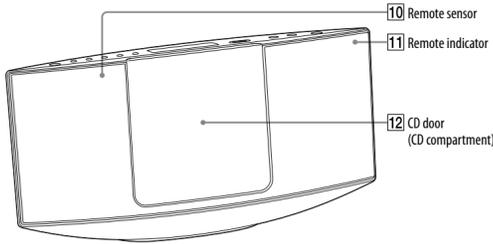
Location of Controls

Unit (Top)



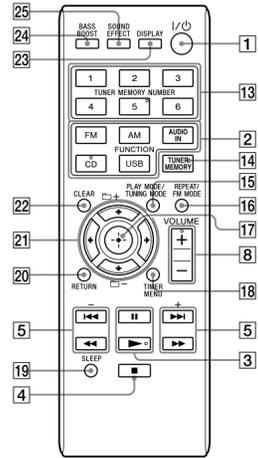
6 Display panel
When the system is powered up, the setting status appears on the display panel. When the system goes to Standby mode, the setting status disappears from the display panel.

Unit (Front)



11 Remote indicator
Lights in amber when a signal is received from the remote.

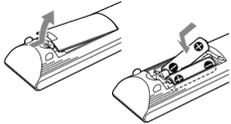
Remote



This manual mainly explains operations using the remote, but the same operations can also be performed using the buttons on the unit having the same or similar names.

To use the remote

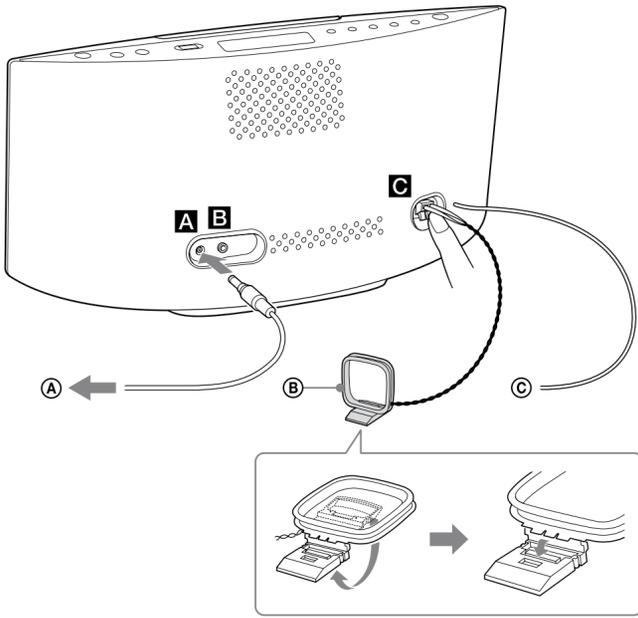
Remove the battery compartment lid, and insert the two supplied R6 (size AA) batteries, ● side first, matching the polarities shown below.



Notes on using the remote

- With normal use, the batteries should last for about 6 months.
- Do not mix an old battery with a new one or mix different types of batteries.
- If you do not use the remote for a long period of time, remove the batteries to avoid damage from battery leakage and corrosion.

Getting Started



- A** To AC Adaptor
- B** AM loop antenna
- C** FM lead antenna (Extend it horizontally.)

A Power (DC IN 9.5 V)

- 1 Connect the AC adaptor to the unit.
- 2 Plug the AC adaptor into a wall outlet.

B AUDIO IN jack

Connect an external audio component.

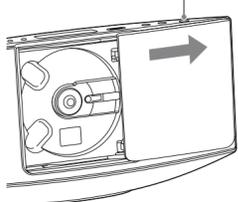
C Antennas

Find a location and an orientation that provide good reception, and then set up the AM antenna. Keep the antenna away from the power cord to avoid picking up noise.

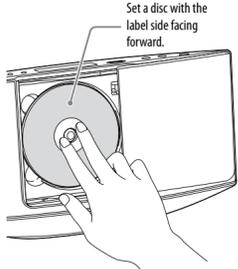
Operations

Playing a CD/MP3 disc

- 1 Select the CD function.
Press CD FUNCTION **2** on the remote or press FUNCTION **2** on the unit repeatedly.
- 2 Open the CD door.
Press **▲** (Open/Close) **9** on the unit.



- 3 Set a disc.
Push the center part of the disc with two fingers until the disc snaps into its mounted position.



- 4 Close the CD door.
Press **▲** (Open/Close) **9** on the unit. "READING" appears.
- 5 Start playback.
Press **▶** **3** on the remote or press **▶** **3** on the unit.

To eject a disc

Press **▲** (Open/Close) **9** on the unit and remove the disc by pulling up the edge of the disc while holding one finger against the spindle.

Notes

- The system will automatically close the CD door **12** if a few minutes elapse of no operation with the CD door open.
- Do not set a disc with non-standard shapes (e.g., heart, square, star). The disc may fall into the system and cause irreparable damage.
- If you press **I/O** **1** with the CD door open, the system will automatically close the CD door.
- Do not use a disc with tape, seals or paste on it as this may cause a malfunction.
- When you eject a disc, handle the disc by its edge. Do not touch the surface.

Other operations

To	Press
Pause playback	II 3 (or ▶ 3) on the unit). To resume play, press the button again.
Stop playback	■ 4 .
Select a folder on an MP3 disc	☞ +/- 21 .
Select a track or file	◀ ▶ 5 / ◀ ▶ 21 .
Find a point in a track or file	Hold down ◀ ▶ 5 (or ◀ ▶ 21) on the unit) during playback, and release the button at the desired point.
Select Repeat Play	REPEAT 16 repeatedly until "☞" or "☞1" appears.
Eject a disc	▲ 9 on the unit.

To change the play mode

Press PLAY MODE **15** repeatedly while the player is stopped. You can select Normal Play mode ("Normal") or "FLDR" for all MP3 files in the folder on the disc), Shuffle Play mode ("SHUF" or "FLDR SHUF" for folder shuffle), or Program Play mode ("PGM").

- When playing a CD-DA (audio) disc, FLDR (SHUF) Play performs the same operation as normal (SHUF) Play.

Notes on Repeat Play

- **☞** indicates that all tracks or files will be repeated until you stop playback.
- **☞1** indicates that a single track or file will be repeated until you stop playback.

Notes on Shuffle Play mode

- When Shuffle Play mode is set to "SHUF" the system shuffle-plays all tracks or files on the disc. When Shuffle Play mode is set to "FLDR SHUF" the system shuffle-plays all tracks or files in selected folder.
- When you turn off the system, the selected Shuffle Play mode ("SHUF" or "FLDR SHUF") is cleared and the play mode returns to Normal Play mode ("FLDR").

Notes on playing MP3 discs

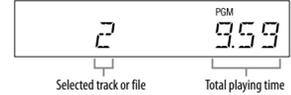
- Do not save other types of tracks or files, or unnecessary folders on a disc that has MP3 files.
- Folders that have no MP3 files are skipped.
- The system can only play MP3 files that have a file extension of ".mp3".
- Even when file name has the ".mp3" file extension, if the actual file differs, playing this file may generate a loud noise which could damage the system may malfunction.
- The maximum number of:
 - 255* folders (including the root folder)
 - 512 MP3 files
 - 512 MP3 files in a single folder
 - 9 folder levels (in the tree structure of files)

*Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play at all.

* This include folders that have no MP3 or other files. The number of folders that the system can recognize may be less than actual number of folders, depending on the folder structure.

Creating your own program (Program Play)

- 1 Select the CD function.
Press CD FUNCTION **2** on the remote or press FUNCTION **2** on the unit repeatedly.
- 2 Select the play mode.
Press PLAY MODE **15** repeatedly until "PGM" appears while the player is stopped.
- 3 Select a folder (MP3 disc only).
Press **☞** **+/-** **21** repeatedly to select the desired folder.
- 4 Select the desired track or file number.
Press **◀** **▶** **5** repeatedly until the desired track or file number appears.



Total playing time for all the programmed tracks or files, including the selected track or file, is displayed at right on the panel.

- 5 Program the selected track or file.
Press **○** **17** to enter the selected track or file. "...-" appears when the total playing time exceeds 100 minutes for an CD or when you program MP3 files.
- 6 Repeat steps 3 through 5 to program additional tracks or files, up to a total of 25 tracks or files.

- 7 To play your program of tracks or files, press **▶** **3** (or **▶** **3**) on the unit).
The program remains available until you remove the disc from the disc compartment **12** or unplug the power cord.
To play the same program again, press **▶** **3** (or **▶** **3**) on the unit).

To cancel Program Play

Press **▲** (Open/Close) **9** repeatedly until "PGM" disappears while the player is stopped.

To delete the last track or file of the program
Press CLEAR **22** while the player is stopped.

Listening to the radio

- 1 Select the TUNER function.
Press TUNER FM/AM FUNCTION **2** on the remote repeatedly or press FUNCTION **2** on the unit repeatedly.
- 2 Perform tuning.

For automatic scanning

Press TUNING MODE **15** repeatedly until "AUTO" appears, and then press **+/-** **5**. Scanning stops automatically when a station is tuned in, and "TUNED" and "STEREO" (for stereo programs only) light up in the display.



If "TUNED" does not light up and the scanning does not stop, press **■** **4** to stop scanning, then perform manual tuning (below).

When you tune in a station that provides RDS services, information such as the service name or station name is provided by broadcasts.

For manual tuning

Press TUNING MODE **15** repeatedly until "MANUAL" appears, and then press **+/-** **5** repeatedly to tune in the desired station.

Tip
To reduce static noise on a weak FM stereo station, press FM MODE **16** repeatedly until "MONO" appears to turn off stereo reception.

Presetting radio stations

- 1 Tune in the desired station.
- 2 Press TUNER MEMORY **14** to select the tuner memory mode.



- 3 Press **+/-** **5** or **▶** **▶** **21** repeatedly to select the desired preset number.
If another station is already assigned to the selected preset number, the station is replaced by the new station.
- 4 Press **○** **17** to register the station.
- 5 Repeat steps 1 through 4 to register other stations. You can preset up to 20 FM and 10 AM stations.

To tune in to a preset radio station

If you registered a radio station to a preset number 1 to 6, the radio station will be tuned in by just pressing the TUNER MEMORY NUMBER (1 to 6) **13** when the system function is set to AM or FM.

If you registered a radio station to a preset number 7 or higher, press TUNING MODE **15** repeatedly until "PRESET" appears then press **+/-** **5** repeatedly to select the desired preset number.

Playing a file of the USB device

The audio format that can be played back on this system is MP3/WMA*.

* Files with DRM (Digital Rights Management) copyright protection or files downloaded from an online music store cannot be played on this system. If you try to play one of these files, the system plays the next unprotected audio file.

Check the websites below for the information about compatible USB devices.

For customers in Europe and Russia:
<http://support.sony-europe.com/>

For customers in Latin America:
<http://www.sony-latin.com/index.crp>

For customers in Asia and other countries/regions:
<http://www.sony-asia.com/support>

- 1 Select the USB function.
Press USB FUNCTION **2** on the remote or press FUNCTION **2** on the unit repeatedly.
- 2 Connect the USB device to the **☞** (USB) port **7**.
- 3 Start playback.
Press **▶** **3** on the remote or press **▶** **3** on the unit.

Other operations

To	Press
Pause playback	II 3 (or ▶ 3) on the unit). To resume play, press the button again.
Stop playback	■ 4 . To resume play, press ▶ 3 *1 (or ▶ 3) on the unit). To cancel resume play, press ■ 4 again*2.
Select a folder	☞ +/- 21 repeatedly.
Select a file	◀ ▶ 5 / ◀ ▶ 21 .
Find a point in a file	Hold down ◀ ▶ 5 (or ◀ ▶ 21) on the unit) during playback, and release the button at the desired point.
Select Repeat Play	REPEAT 16 repeatedly until "☞" or "☞1" appears.

*1 When playing a VBR MP3/WMA file, the system may resume playback from a different point.
*2 Resume play returns to the top folder.

To change the play mode

Press PLAY MODE **15** repeatedly while the player is stopped. You can select Normal Play mode (playback in sequence of all files on the USB device), Folder Play mode ("FLDR" for all files in the specified folder on the USB device), Shuffle Play mode ("SHUF" or "FLDR SHUF" for folder shuffle), or Program Play mode ("PGM").

Note on the play mode

When you turn off the system, the selected Shuffle Play mode ("SHUF") is cleared and the play mode returns to Normal Play mode.

Notes on Shuffle Play mode

- When Shuffle Play mode is set to "SHUF" the system shuffle-plays all audio files on the USB device. When Shuffle Play mode is set to "FLDR SHUF" the system shuffle-plays all audio files in selected folder.
- When you turn off the system, the selected Shuffle Play mode ("SHUF" or "FLDR SHUF") is cleared and the play mode returns to Normal Play mode ("FLDR").

Notes on Repeat play

- If you select **☞** when the system is in Normal Play mode, the system executes repeat play of all audio files in the USB device until you stop playback. If you select **☞** when the system is in Folder Play mode, the system executes repeat play of all audio files in the selected folder until you stop playback.
- If you select **☞1**, the system executes continuous repeat play of the selected file until you stop playback.

Notes

- The playback order for the system may differ from the playback order of the connected digital music player.
- Be sure to turn off the system before removing the USB device. Removing the USB device while the system is turned on may corrupt the data on the USB device.
- When USB cable connection is necessary, connect the USB cable supplied with the USB device to be connected. See the operation manual supplied with the USB device to be connected for details on the operation method.
- It may take time before "READING" appears, depending on the type of USB device connected.
- The system does not support a USB hub. Do not connect the USB device through a USB hub.
- When the USB device is inserted, the system reads all the files on the USB device. If there are many folders or files on the USB device, it may take a long time to finish reading the USB device.
- With some connected USB devices, after an operation is performed, there may be a delay before it is performed by this system.
- Compatibility with all encoding/writing software cannot be guaranteed. If audio files on the USB device were originally encoded with incompatible software, those files may produce noise or interrupted sound, or may not be played back at all.
- This system cannot play audio files on the USB device in the following cases:
 - when the total number of audio files in a folder exceeds 999
 - when the total number of audio files on a USB device exceeds 3000
 - when the total number of folders on a USB device exceeds 1000 (including the "ROOT" folder and empty folders)
- These numbers may vary depending on the file and folder structure. Do not save other types of files or unnecessary folders on a USB device that has audio files.
- The system can play back to a depth of 9 folders only (including the "ROOT" folder).
- This system does not necessarily support all the functions provided in a connected USB device.
- Folders that have no audio files are skipped.

The audio formats that you can listen to with this system are as follows:

- MP3: file extension ".mp3"
- WMA: file extension ".wma"

Note that even when file name has the correct file extension, if the actual file differs, the system may produce noise or may malfunction.

To use the system as a battery charger
You can use the system as a battery charger for USB devices that have a recharge function when the system is on.

Charging begins when the USB device is connected to a ↔ (USB) port [7]. The charging status appears on the USB device display. For details, see the user’s guide for your USB device.

To stop charging the USB device
Remove the USB device.

Note on charging the USB device
You cannot charge a USB device when the system is off.

Using optional audio components

- Prepare the sound source.
 - Connect additional audio component to the AUDIO IN jack [8] on the unit using an audio analog cord (not supplied).
- Turn down the volume.
 - Press VOLUME − [8].
- Select the AUDIO IN function.
 - Press AUDIO IN FUNCTION [2] on the remote or press FUNCTION [2] on the unit repeatedly.
- Start playback.
 - Start playback of the connected component and adjust the volume.

Note
The system may enter Standby mode automatically if the volume level of the connected component is too low. Adjust the component’s volume accordingly. See “To turn off the Automatic Standby function.”

Adjusting the sound

To	Press
Adjust the volume	VOLUME +/- [8] .
Generate a more dynamic sound	BASS BOOST [24] .
Set the sound effect	SOUND EFFECT [25] repeatedly until desired sound effect is displayed. <p>Each time you press this button, sound effects are displayed in the order “ROCK” → “POP” → “JAZZ” → “FLAT.”</p>

Changing the display

To	Press
Change the information on the display ¹⁾	DISPLAY [23] repeatedly when system is on.
Change Display mode (see below).	DISPLAY [23] repeatedly when the system is off.

¹⁾ For example, you can view CD/MP3 disc information or the USB device information, such as:

CD-DA disc

- remaining playing time of a track during playback
- total remaining playing time

MP3 disc/USB device

- track or file name (“Ⓙ”)
- artist name (“♫”)
- album name (“□”)

The system offers the following display modes.

Display mode	When the system is off
Power Saving mode ¹⁾	The display is turned off to conserve power. The timer and clock continue to operate.
Clock ²⁾	The clock is displayed.

¹⁾ You cannot set the clock in Power Saving mode.

²⁾ The clock display automatically turns to Power Saving mode after 8 seconds.

Notes on the display information

- When the information includes double-byte characters, each double-byte character will occupy 2 bytes
- Characters that cannot be displayed appear as “_”
- The following are not displayed:
 - total playing time for an MP3 disc and a USB device
 - total remaining playing time for an MP3 disc and a USB device
 - remaining playing time for an MP3 file on MP3 disc or a MP3/WMA file in USB device
- The following are not displayed correctly:
 - elapsed playing time of an MP3 file encoded using VBR (variable bit rate)
 - folder and file names that do not follow either the ISO9660 Level 1, Level 2, or Joliet in the expansion format
- The following are displayed:
 - total playing time for a CD-DA disc (except when PGM mode is selected and the player is stopped)
 - remaining playing time for a track of CD-DA disc
 - remaining playing time for a CD-DA disc (only when Normal Play mode is selected during playback)
 - ID3 tag information for MP3 files when ID3 version 1 and version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a single MP3 file)
 - up to 64 characters for an ID3 tag, where characters allowed are uppercase letters (A to Z), lowercase letters (a to z) (lowercase will be displayed as uppercase), digits (0 to 9), and symbols (“\$%’() *+,-./<=>?@ [\] ’”)

Using the timers

The system offers 2 timer functions. If you use both timers, the Sleep Timer has priority.

Sleep Timer:

You can fall asleep to music. This function works even if the clock is not set.
Press SLEEP [19] repeatedly.
With each press of SLEEP [19], the setting time is decreased by 10 minutes from a maximum of 90 minutes to minimum of 10 minutes.
To cancel the Sleep Timer, select “OFF”

Play Timer:

You can wake up to CD, FM/AM reception, or USB device at a preset time. Make sure you have set the clock.

- Prepare the sound source.
 - Prepare the sound source, and then press VOLUME +/- [8] to adjust the volume. You can set the CD, USB, FM, or AM function as the sound source.
 - To start from a specific CD track, audio file, and radio station create your own program.
- Select the timer set mode.
 - Press TIMER MENU [18].
- Set the play timer.
 - Press ⏮/⏭ [21] repeatedly to select “PLAY SET”, then press [17].
- Set the time to start playback.
 - Press ⏮/⏭ [21] repeatedly to set the hour, then press [17]. Use the procedure above to set the minutes.
- Use the same procedure as in step 4 to set the time to stop playback.
- Select the sound source.
 - Press ⏮/⏭ [21] repeatedly until the desired sound source appears, then press [17].
- Turn off the system.
 - Press I/⏻ [1]. The system automatically turns on before the preset time.
 - If the system is on at the preset time, the Play Timer will not play. Do not operate the system from the time the system turns on until the playback starts.

If the sound source is set to an FM/AM station for a timer, the system automatically turns on 15 seconds before the preset time. If the sound source is set to CD/USB, the system automatically turns on 30 seconds before the preset time.

To check the setting
1 Press TIMER MENU [18] .
2 Press ⏮ / ⏭ [21] repeatedly to select “SELECT,” and then press [17] .
3 Press ⏮ / ⏭ [21] repeatedly to select “PLAY SEL,” and then press [17] .

To cancel the timer
Repeat the same procedure as above until “OFF” appears in step 3, and then press [17].

To change the setting
Start over from step 1.

Notes

- If you select a USB device as a timer and have many files or folders on that device, it takes time for read processing, causing a slight delay before start of play in response to the timer.
- If the sound source for a Play Timer is set to an FM/AM station tuned in using auto scanning or manual scanning, when you change the radio station after setting the Play Timer, radio station tuning for the Play Timer will also change.
- If the sound source for a Play Timer is set to an FM/AM station with a registered preset number, the radio station tuning for the Play Timer is fixed at what you set for it. Even if you change the radio station after setting the Play Timer, the radio station setting for the Play Timer will not change.

Tip
The Play Timer setting remains in effect as long as the setting is not canceled manually and clock setting is completed.

Troubleshooting

- Make sure the power cord is firmly connected.
- Find your problem in the checklist below, and take the indicated corrective action.
 - If the issue persists, contact your nearest Sony dealer.

General

The system does not turn on.

- Is the power cord plugged in correctly?

The system has entered Standby mode unexpectedly.

- This is not a malfunction. The system enters Standby mode automatically in about 30 minutes when there is no operation or audio signal output. See “To turn off the Automatic Standby function.”

The clock setting or the Play Timer operation has been cancelled unexpectedly.

- If about a minute elapses with no operation, the clock setting or Play Timer setting is cancelled automatically. Perform the operation again from the beginning.

There is no sound.

- Press VOLUME + [8] to turn up the volume.
- Make sure additional audio components are connected correctly.
- Make sure the function is set to AUDIO IN.
- Is anything blocking the ventilation holes of the system?
- The specified station may have temporarily stopped broadcast.

- Severe hum or noise.**
- Move the system away from sources of noise.
- Connect the system to a different wall outlet.
- Install a noise filter (not supplied) to the power cord.

The remote does not function.

- Remove any obstacles between the remote and the remote sensor [10] on the unit, and position the unit away from fluorescent lights.
- Point the remote at the system’s sensor [10].
- Move the remote closer to the system.

CD/MP3 disc

The sound skips, or the disc will not play.

- Wipe the disc clean, and replace it.
- Move the system to a location away from vibration (for example, on top of a stable stand).

Play does not start from the first track.

- Return to normal play by pressing PLAY MODE [15] repeatedly until both “PGM” and “SHUF” disappear.

Starting playback takes more time than usual.

- The following discs can increase the time it takes to start playback:
 - a disc recorded with a complicated tree structure
 - a disc that has many folders

Erroneous display.

- The data stored in the CD-DA, MP3 disc may have been corrupted. Perform the transfer again.
- The character codes that can be displayed by this system are as follows:
 - Uppercase (A to Z)
 - Lowercase (a to z) (lowercase will be displayed as uppercase)
 - Digits (0 to 9)
 - Symbols (“\$%’() *+,-./<=>?@ [\] ’”
 - Other characters appear as “_”

USB device

Are you using a supported USB device?

- If you connect an unsupported USB device, the following problems may occur. Check the information on the websites about compatible USB devices with URLs listed under “Playing a file of the USB device.”
 - The USB device is not recognized
 - File or folder names are not displayed on this system
 - Playback is not possible
 - The sound skips
 - There is noise
 - A distorted sound is output

There is no sound.

- The USB device is not connected correctly. Turn off the system and reconnect the USB device.

There is noise, skipping, or distorted sound.

- You are using an unsupported USB device. Check the information on the websites about compatible USB devices.
- Turn off the system and reconnect the USB device, then turn on the system.
- The music data itself contains noise, or the sound is distorted. Noise may have entered during the transferring process. Delete the file, and try transferring again.
- The bit rate used when encoding audio files was low. Send audio files with higher bit rate to the USB device.

“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 extremely complex
 - The memory capacity is excessive
 - The internal memory is fragmented

Erroneous display.

- The data stored in the USB device may have been corrupted. Perform the transfer again.
- The character codes that can be displayed by this system are as follows:
 - Uppercase (A to Z)
 - Lowercase (a to z) (lowercase will be displayed as uppercase)
 - Digits (0 to 9)
 - Symbols (“\$%’() *+,-./<=>?@ [\] ’”
 - Other characters appear as “_”

The USB device is not recognized.

- Turn off the system and reconnect the USB device, then turn on the system.
- Check the information on the websites about compatible USB devices.
- The USB device does not work properly. Refer to the operating instructions supplied with the USB device for how to deal with this problem.

Playback does not start.

- Turn off the system and reconnect the USB device, then turn on the system.
- Check the information on the websites about compatible USB devices.

Playback does not start from the first file.

- Set the play mode to Normal Play mode.

Audio file cannot be played back.

- MP3 files in MP3 PRO format cannot be played back.
- WMA files in Windows Media Audio Lossless and Professional format cannot be played back.
- USB device formatted with file systems other than FAT16 or FAT32 are unsupported.*
- In case multiple partitions exist in USB device that is being used, files may not be played back.

- The system can play back to a depth of 9 folders only.
- Files that are encrypted or protected by passwords, etc. cannot be played back.
- Files with copyright protection (Digital Rights Management) cannot be played back by this system.
 - This system supports FAT16 and FAT32, but some USB device may not support all of these FAT. For details, refer to the operating instructions of each USB device or contact the manufacturer.

Tuner

Severe hum or noise, or stations cannot be received. (“TUNED” or “STEREO” flashes on the display.)

- Connect the antenna properly.
- Find a location and an orientation that provide good reception, and then set up the antenna again.
- Keep the antennas away from the power cord to avoid picking up noise.
- Turn off nearby electrical equipment.

Several radio stations can be heard at the same time.

- Find a location and an orientation that provide good reception, and then set up the antenna again.
- Bundle the antenna cables using commercially available cord clips, for example, and adjust the cable lengths.

To reset the system to factory settings

If the system still does not operate properly, reset the system to factory settings.
Use buttons on the unit to reset the system to its factory default settings.

1 Disconnect and reconnect the power cord, and then turn on the system.

2 Press and hold ▶|| [3] and I/⏻ [1] on the unit until “RESET” appears in the display.
All user-configured settings, such as preset radio stations, timer, and the clock, are deleted.

To turn off the Automatic Standby function

This system is equipped with an Automatic Standby function. With this function, the system enters Standby mode automatically in about 30 minutes when there is no operation or audio signal output.
By default, the Automatic Standby function is turned on. Use buttons on the unit to turn off the Automatic Standby function.

Hold down I/⏻ [1] while the system is on, until “AUTO. STBY OFF” appears.

To turn on the function, repeat the procedure until “AUTO. STBY ON” appears.

- Notes**
- “AUTO. STBY” appears in the display for 2 minutes before the system enters Standby mode.
- The Automatic Standby function is invalid for the tuner function (FM/AM), even when you have enabled it.
 - The system may not enter Standby mode automatically in the following cases:
 - while an audio signal is being detected
 - during playback of audio tracks or files
 - while the preset Sleep Timer or Play Timer is in process
- The system counts down the time again until it enters Standby mode, even when Automatic Standby function is enabled in the following cases:
 - when the USB device is connected
 - when a button on the remote or unit is pressed
 - when a preset time of the Sleep or Play Timer is starts

Messages

CANNOT PLAY: You have inserted a disc that cannot be played back on this system.

COMPLETE: The preset operation ended normally.

DEVICE ERROR: Unpredictable situation (or an unknown device is connected).

FULL: You tried to program more than 25 tracks or files (steps).

No DEVICE: No USB device is connected or the connected USB device has been removed.

NO DISC: There is no disc in the player, or you have loaded a disc that cannot be played.

No MEMORY: No memory device has been plugged into the USB hub connected to the system.

NO STEP: All of the programmed tracks have been erased.

NO SUPPORT: An unsupported disc or USB device is connected.

NO TRACK: There are no playable files in the USB device or on the CD disc.

NOT USED: You tried to perform a specific operation under conditions where that operation is prohibited.

OVER CURRENT: The system has detected a power failure from a connected USB device. Remove the USB device from the system and turn the system power off then back on. If the problem persists, contact your nearest Sony dealer.

PROTECT: The system has detected a power failure. Unplug the AC adaptor. If the problem persists, contact your nearest Sony dealer.

PUSH STOP: You pressed PLAY MODE [15] during playback in the CD or USB function.

TIME NG: The Play Timer start and end times are set to the same time.

Precautions

Discs that this system CAN play

- Audio CD
- CD-R/CD-RW (audio data/MP3 files)

Discs that this system CANNOT play

- CD-ROM
- CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2, Joliet
- CD-R/CD-RW of poor recording quality, CD-R/CD-RW that have scratches or are dirty, or CD-R/CD-RW recorded with an incompatible recording device
- CD-R/CD-RW which is finalized incorrectly
- Discs containing files other than MPEG 1 Audio Layer-3 (MP3) files
- Discs of non-standard shape (for example, heart, square, star)
- Discs that have adhesive tape, paper, or sticker attached to them
- Rental or used discs with attached seals where the glue extends beyond the seal
- Discs that have labels printed using ink that feels tacky when touched

Notes on discs

- Before playing, wipe the disc with a cleaning cloth from the center out to the edge.
- Do not clean discs with solvents, such as benzine, thinner, or commercially available cleaners or anti-static spray intended for vinyl LPs.
- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.

On safety

- Completely disconnect the power cord (mains lead) from the wall outlet (mains) if it is not going to be used for an extended period of time. When unplugging the system, always grip the plug. Never pull the cord itself.
- Should any solid object or liquid get into the system, unplug the system, and have it checked by qualified personnel before operating it again.
- The AC power cord can be changed only by a qualified service facility.

On placement

- Do not place the system in an inclined position or in locations that are extremely hot, cold, dusty, dirty, or humid or lacking adequate ventilation, or subject to vibration, direct sunlight or a bright light.

- Be careful when placing the system on surfaces that have been specially treated (for example, with wax, oil, polish) as staining or discoloration of the surface may result.

- If the system 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, and cause the system to malfunction. In this situation, remove the disc, and leave the system turned on for about an hour until the moisture evaporates.

On heat buildup

- Heat buildup on the unit during operation is normal and is not cause for alarm.
- Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may have become hot.
- Do not obstruct the ventilation holes.

On the speaker system

This speaker system is not magnetically shielded, and the picture on nearby TV sets may become magnetically distorted. In this situation, turn off the TV, wait 15 to 30 minutes, and turn it back on.

Cleaning the cabinet

Clean this system with a soft cloth slightly moistened with a mild detergent solution. Do not use any type of abrasive pads, scouring powder, or solvents, such as thinner, benzine, or alcohol.

Specifications

Amplifier section
Power output (rated): 4 watts + 4 watts (8 ohms at 1 kHz, 1% THD) <p>Continuous RMS power output (reference): 5 watts + 5 watts (8 ohms at 1 kHz, 10% THD)</p>
Input
AUDIO IN (stereo mini jack): Sensitivity 900 mV, impedance 47 kilohms
CD player section
System: Compact disc and 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.
Frequency response: 20 Hz — 20 kHz
Signal-to-noise ratio: More than 80 dB
Dynamic range: More than 80 dB
Tuner section
Antenna: FM lead antenna
AM loop antenna
FM tuner section
Tuning range:
Brazilian model:
87.5 MHz — 108.0 MHz (100 kHz step)
Other models:
87.5 MHz — 108.0 MHz (50 kHz step)
AM tuner section
Tuning range:
European and Russian models:
531 kHz — 1602 kHz (9 kHz step)
Latin American models:
530 kHz — 1710 kHz (10 kHz step)
531 kHz — 1710 kHz (9 kHz step)
USB section
Supported bit rate:
MP3 (MPEG 1 Audio Layer-3): 32 kbps — 320 kbps, VBR
WMA: 48 kbps — 192 kbps, VBR
Sampling frequencies:
MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz
WMA: 44.1 kHz
↔ (USB) port: Type A, maximum current 500 mA
Speaker section
Full-range speaker: 80 mm, cone type
Rated impedance: 8 ohms
General
Power requirements:
European and Russian models:
AC adaptor
Input: 110 V — 240 V AC, 50/60 Hz
Output: DC 9.5 V 1.8 A
Latin American models:
AC adaptor
Input: 120 V — 240 V AC, 50/60 Hz
Output: DC 9.5 V 1.8 A
Power consumption: 13 watts
Dimensions (W/H/D):
Approx. 400 mm × 197 mm × 114 mm
Mass: Approx. 2.4 kg
Quantity of the main unit: 1 piece
Supplied accessories: Remote Commander (1), AC adaptor (1), AM loop antenna (1), R6 (Size AA) batteries (2)
Design and specifications are subject to change without notice.

Standby power consumption: 0.5 W
