Micro HI-FI

GB Operating Instructions

Component System

4-418-712-12 (1)

Location of Controls

Touch Panel*

4 5

1 2 3

FUNCTION SCORD BAS

14 13

► II II H4 = 100 ± P1

FUNCTION SOUND

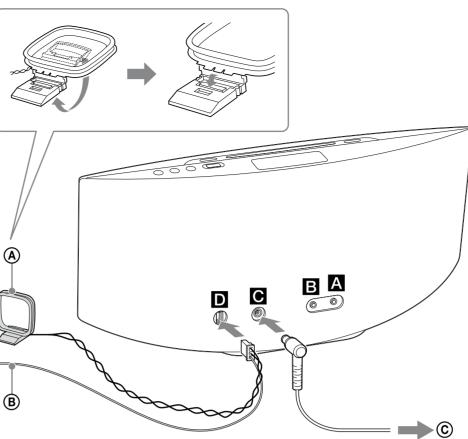
Unit (Top)

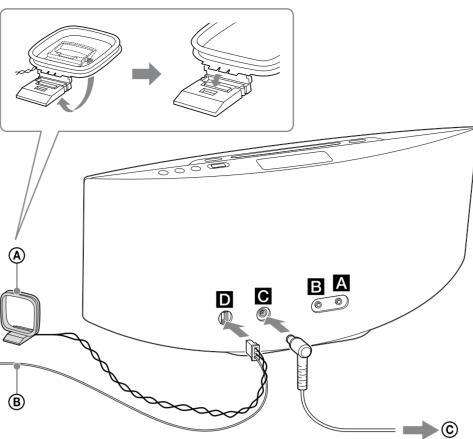
7 Display

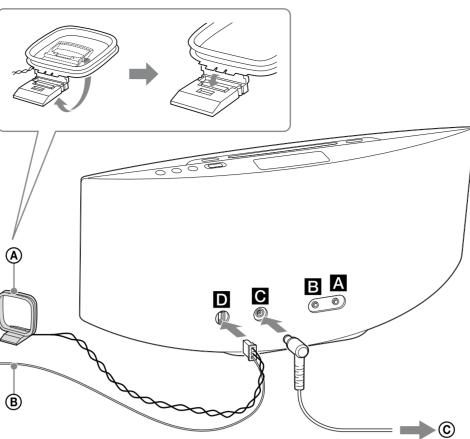
12 Disc slot

Unit (Front)

8 ↔ (USB) Port







A (phones) jack Connect the headphones.

B AUDIO IN jack

the power cord in to a wall outlet.

D Antennas











CMT-V50iP

http://www.sony.net/

S-Master ORDS Made for

□ iPod **□** iPhone **□** iPad

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 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.

Do not expose batteries or apparatus with batteryinstalled to excessive heat such as sunshine, fire or the

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

The nameplate is located on the bottom exterior of the unit.

Excessive sound pressure from earphones and headphones can cause hearing loss

CAUTION

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

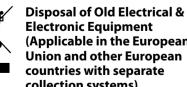


as a CLASS 1 LASER s located on the bottom exterior of the unit.

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

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

For customers in Europe and Australia



(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

Applicable accessory: Remote commander



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

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

•iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. iPad is a trademark of Apple Inc.

• MPEG Layer-3 audio coding technology and patents nofer IIS and Thomsor • 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.

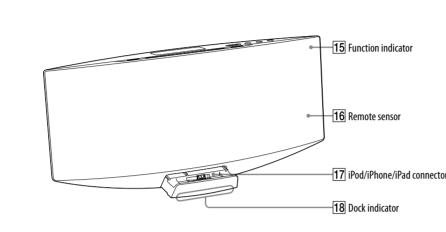
BASS SOUND BOOST EFFECT DISPLAY 3 **9**^{*} 2 3 4 5 6 FM AM AUDIO CD USB iPod PLAY MODE/ REPEAT TUNING MODE FM MOD 27- \odot 26-÷ E 25-24 -0 5

¹ 9 🖧 (Illumination) button Turn ON/OFF the dock indicator 18

² 28 DISPLAY button

· 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.

• The function indicated by pink on the remote can be activated using SHIFT 24. If you want to operate the function indicated by pink, press and hold SHIFT 24 and press the button of the function indicated by pink. If you press the button without holding the SHIFT 24 pressed the system activates the function indicated \overline{by} white.



To use the remote

* The system is set at the factory for the key-

9 10

turn off the beep sound

8

touch confirmation beep to sound when you press a touch panel key on the unit. You can

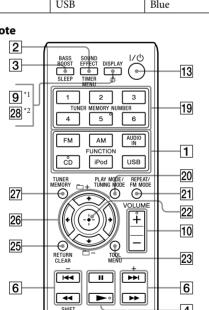
About the function indicator 15

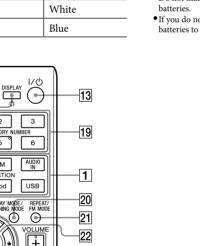
The function indicator lights in different colors according to the function. You can tell the current function by the color of the indicator.

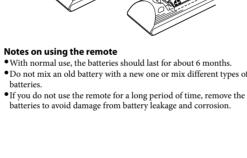
The indicator color of each function is same color as that of the corresponding FUNCTION button on the remote.

Function	Button on the remote	Indicator color	
FM	FM	Pink	
AM	AM	Sky blue	
AUDIO IN	AUDIO IN	Amber	
CD	CD	Yellow	
iPod	iPod	White	
USB	USB	Blue	

Remote







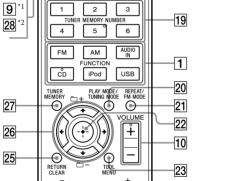
Slide and remove the battery compartment lid, and insert

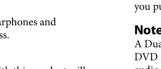
the two supplied R6 (size AA) batteries, \bigcirc side first,

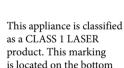
matching the polarities shown below.











you purchased the product. Note on DualDiscs

Getting Started

AM loop antenna (B) FM lead antenna (Extend it horizontally.) © To AC Adapter

Attaching a protective cushion

protective cushion

Attach the supplied protective cushion to avoid contact of

Protective cushio

Adjust the attaching position of the protective cushion to

2 Press and hold SHIFT 24 and TIMER MENU 2 to

If "PLAY SET" flashes, press ♠/♣ 26 repeatedly to

3 Press ♠/♥ 26 repeatedly to set the hour, then press

The clock settings are reset when you disconnect the power cord or if

select "CLOCK," and then press (+) (enter) 22.

4 Use the same procedure to set the minutes.

To display the clock when the system is off

Press DISPLAY **28**. The clock is displayed for about

suit to your iPod/iPhone/iPad.

select the clock set mode

1 Press I/\bigcirc 13 to turn on the system.

Setting the clock

(+) (enter) 22.

8 seconds

an iPod/iPhone/iPad with the front panel of the system.

You can protect against scratching the front panel

and your iPod/iPhone/iPad by attaching the supplied

Connect an optional audio component.

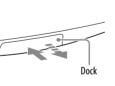
Power (DC IN 19.5 V)

1 Connect the power cord to the AC adapter. 2 Connect the AC adapter to the unit, and then plug

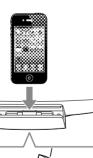
Find a location and an orientation that provide good reception, and then set up the antennas. Keep the antennas away from the power cord to avoid picking up noise.

To use the iPod/iPhone/iPad

1 Open the dock by pushing the center of the dock.



2 Place the iPod/iPhone/iPad.



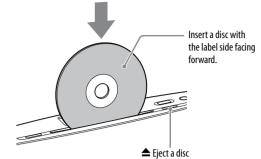


Be careful not to drop the unit when disconnecting an iPod/iPhone/ iPad from the iPod/iPhone/iPad connector.

Operations

Playing a CD/MP3 disc

- 1 Select the CD function.
- Press CD FUNCTION **1** on the remote or press FUNCTION 1 on the unit repeatedly.
- The function indicator lights in yellow. 2 Insert a disc.
- Insert a disc in the disc slot with the label side facing forward



Playback starts automatically after "READING" disappear

When you changing from another function to the CD function while a disc is already inserted in the disc slot, press \blacktriangleright 4 on the remote or press \triangleright 1 4 on the unit to start playback.

- When you turn on the system, the disc will not be pulled into the disc slot until "NO DISC" appears in the display. Do not attempt to push in the disc until "NO DISC" appears. If you cannot insert the disc into the disc slot even when "NO DISC"
- appears in the display, there may already be a disc in the slot. Press and hold down \triangleq [1] to eject such a disc forcibly. If even the system does not then eject the disc, contact your nearest Sony dealer.
- If you cannot eject the disc and "LOCKED" appears in the display, contact your nearest Sony dealer.
- Do not insert a disc with non-standard shapes (e.g., heart, square, star). The disc may fall into the system and cause irreparable
- When pressing \triangleq [1] on the unit and then reinserting the disc that appears in the disc slot, do not simply push in the disc. Remove the disc from the disc slot and then reinsert it.
- ${}^{\bullet}\textsc{Do}$ not turn off the system with a disc halfway inserted in the disc slot. Doing so may cause the disc to fall. •Do not use a disc with tape, seals or paste on it as this may cause
- •When you eject a disc, handle the disc by its edge. Do not touch the
- •Do not insert an 8 cm disc with an adapter. Doing so may cause the system to malfunction

Other operations

То	Press
Pause playback	II 4 (or ►II 4 on the unit). To resume play, press the button again.
Stop playback	■ 5.
Select a folder on an MP3 disc	Ê⊐ +/− <u>26</u> .
Select a track or file	I4 / ▶I6 .
Find a point in a track or file	Hold down $\triangleleft \land \triangleright \flat$ 6 (or $\triangleleft \triangleleft \land \triangleright \flat$ 6 and the unit) during playback, and release the button at the desired point.
Select Repeat Play	REPEAT 21 repeatedly until " \clubsuit " or " \clubsuit 1" appears.
Eject a disc	▲ 11 on the unit.

To change the play mode

Press PLAY MODE 20 repeatedly while the player is stopped. You can select Normal Play mode ("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 or FLDR SHUF Play performs the same operation as Normal or SHUF Play

Notes on Repeat Play

- "
 G" indicates that all tracks or files will be repeated until you stop playback. •" T1" indicates that a single track or file will be repeated until you
- stop playback.

Notes on Shuffle Play mode

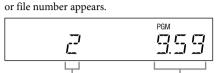
- When Shuffle Play mode is set to "SHUF," the system shuffle-plays all tracks or files on the disc. When Shuffle Play mode is set to "FLDR SHUF," the system shuffle-plays all tracks or files in selected
- •When you turn off the system, the selected Shuffle Play mode ("SHUF" or "FLDR SHUF") is cleared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

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: -999* folders (including the root folder)
- -999 MP3 files
- -250 MP3 files in a single folder
- -8 folder levels (in the tree structure of files)
- Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatibl MP3 discs may produce noise or interrupted audio or may not play
- * 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 **1** on the remote or press FUNCTION **1** on the unit repeatedly. The function indicator lights in yellow
- **2** Select the play mode. Press PLAY MODE 20 repeatedly until "PGM" appears while the player is stopped.
- **3** Select a folder (MP3 disc only). Press \square +/- 26 repeatedly to select the desired folder. If you want to program all files in the folder, press 🕀 22.
- 4 Select the desired track or file number. Press **I** (**)** repeatedly until the desired track



Selected track or file Total playing time of the number selected track or file

- **5** Program the selected track or file. Press \oplus **22** to enter the selected track or file. "--.--" appears when the total playing time exceeds 100 minutes for an CD or when you program an 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 ► 4 (or ►II 4) on the unit).
- The program remains available until you remove the disc from the disc slot **12** or unplug the power cord. To play the same program again, press 🕨 👍 (or 州 **4** on the unit).

To cancel Program Play

Press PLAY MODE 20 repeatedly until "PGM" disappears while the player is stopped.

To delete the last track or file of the program Press and hold SHIFT 24 and CLEAR 25 while the player is stopped.

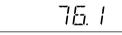
Listening to the radio

1 Select the TUNER function.

Press FM or AM FUNCTION **1** on the remote or press FUNCTION 1 on the unit repeatedly. The function indicator lights in pink (FM) or sky blue (AM).

2 Perform tuning.

For automatic scanning Press TUNING MODE 20 repeatedly until "AUTO" appears, and then press +/- 6. 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 \blacksquare **5** 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

STEREO TUNED

Press TUNING MODE 20 repeatedly until "MANUAL" appears, and then press +/-6repeatedly to tune in the desired station.

To reduce static noise on a weak FM stereo station, press FM MODE [1] repeatedly until "MONO" appears to turn off stereo reception.

To change the AM tuning interval

(except for European and Russian models) The default setting for AM tuning interval is 9 kHz (or 10 kHz for some areas). Use the buttons on the unit to perform this operation.

- 1 Press AM FUNCTION 1 on the remote or press FUNCTION 1 on the unit repeatedly to select the AM station
- 2 Press 🕛/I 13 to turn off the system.
- 3 Press and hold VOL + 10 and press $\bigcirc/1$ 13 on the
- "STEP 9K" or "STEP 10K" appears in the display. When you change the interval, all the AM preset stations are erased.

Presetting radio stations

- 1 Tune in the desired station.
- 2 Press TUNER MEMORY 27 to select the tuner memory mode

Preset numbe



- **3** Press +/- **6** 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 🕂 22 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) 19 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 20 repeatedly until "PRESET" appears then press +/- 6 repeatedly to select the desired preset number.

Playing the iPod/iPhone/iPad

Select the iPod function.

2 Place the iPod/iPhone/iPad.

3 Start playback.

Press iPod FUNCTION **1** on the remote or press FUNCTION **1** on the unit repeatedly. The function indicator lights in white.

То

- Press \blacktriangleright 4 on the remote or press \triangleright 4 on the

To control the iPod/iPhone/iPad

То	Press
Pause playback	II <u>4</u> / ■ <u>5</u> .
Select a track or chapter of audiobook/ podcast	(▲◀ /▶▶) ⓑ. To fast-forward or fast-rewind, hold down the button.
Find a point in a track or chapter of audiobook/ podcast	Hold down $4/ \rightarrow 6$ during playback, and release the button at the desired point.
Choose the selected item	⊕ 22 .
Scroll up/down the iPod menus	▲/♥ 26 .
Return to the previous menu or select a menu	TOOL MENU 23/RETURN 25.

To use the system as a battery charger

You can use the system as a battery charger for an iPod/ iPhone/iPad whether the system is on or off. To see whether charging is operating or not, check the battery icon of the iPod/iPhone/iPad display. Check the "iPod/iPhone/iPad section" of the "Specifications" for a list of iPod/iPhone/iPad models compatible with this system

To stop charging an iPod/iPhone/iPad Remove the iPod/iPhone/iPad.

Notes on charging an iPod/iPhone/iPad

- •When a USB function is selected while the system is on, you cannot charge an iPod/iPhone/iPad.
- If you press DISPLAY **28** while charging when the system is off, the system stops charging an iPod/iPhone/iPad. To restart charging of an iPod/iPhone/iPad, reconnect the iPod/iPhone/iPad when the display mode is Power Saving mode.

• The performance of the system may be vary, depending on the specifications of your iPod/iPhone/iPad. • When placing or removing the iPod/iPhone/iPad, handle the iPod/iPhone/iPad in the same angle as that of the iPod/iPhone/iPad connector on the unit and do not twist or sway the iPod/iPhone/iPad

- to prevent connector damage. • Do not carry the system with an iPod/iPhone/iPad set on the
- connector. Doing so may cause a malfunction. • When placing or removing the iPod/iPhone/iPad, brace the system with one hand and take care not to press the controls of the iPod/
- iPhone/iPad by mistake. • To change the volume level, use VOLUME +/-10. The volume
- level does not change if you adjust it on the iPod/iPhone/iPad. • To use an iPod/iPhone/iPad, refer to the user's guide of your iPod/ iPhone/iPad.

• Sony cannot accept responsibility in the event that data recorded to iPod/iPhone/iPad is lost or damaged when using an iPod/iPhone/ iPad with this system

Playing a file of the USB device

- The audio format that can be played back on this system is MP3/WMA*/AAC*.
- * 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 <http://support.sony-europe.com/>

- For customers in other countries/regions:
- <http://www.sony-asia.com/support>
- **1** Select the USB function.
- Press USB FUNCTION **1** on the remote or press FUNCTION **1** on the unit repeatedly. The function indicator lights in Blue.
- 2 Connect the USB device to the ↔ (USB) port 8. **3** Start playback.
- Press \blacktriangleright 4 on the remote or press \triangleright 4 on the unit

Other operations

Press **II** 4 (or **II** 4 on the unit). To Pause playback resume play, press the button again.

■ 5. To resume play, press ► Stop playback 4^{*1} (or 1 4 on the unit). To cancel resume play, press \blacksquare 5 again*2 Select a folder +/- 26 repeatedly. Select a file Hold down **◄**/**▶ 6** (or Find a point in a file playback, and release the button at the desired point. Select Repeat Play REPEAT 21 repeatedly until "5" or " \square 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.

Press

To change the play mode

Press PLAY MODE 20 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), or Shuffle Play mode ("SHUF" or "FLDR SHUF" for folder shuffle).

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
- 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 " \mathbf{G} " 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 " I," the system executes continuous repeat play of the selected file until you stop playback.

- 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 nanual 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

• 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 250.
- -when the total number of audio files on a USB device exceeds -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 8 folders only. • 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"
- -AAC: file extension ".m4a"
- 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 rechargeable function when the system is on.

Press USB FUNCTION 1 on the remote or press FUNCTION **1** on the unit repeatedly. The charging begins when the USB device is connected to the < (USB) port 🖲. The charge status appears in

the USB device display. For details, see the user's guide of

To stop charging the USB device

your USB device.

Remove the USB device.

Notes on charging the USB device • You cannot charge an iPod/iPhone/iPad and the USB device at the

same time. When charging USB device, select the function to USB function • You cannot charge the USB device when the system is off.

Using optional audio components

- **1** Prepare the sound source. Connect additional audio component to the AUDIO IN jack **B** on the unit using an audio analog cord
- (not supplied).
- **2** Turn down the volume. Press VOLUME - 10.
- **3** Select the AUDIO IN function.
- Press AUDIO IN FUNCTION **1** on the remote or press FUNCTION 1 on the unit repeatedly. The function indicator lights in amber.
- 4 Start playback.
- Start playback of the connected component and adjust

the volume.

The system may enter Standby mode automatically if the volume level of the connected component is too low. Adjust the compone volume accordingly. See "To turn off the Automatic Standby function."

Adjusting the sound

То	Press
Adjust the volume	VOLUME +/- 10.
Generate a more dynamic sound	BASS BOOST 3 .
Set the sound effect	SOUND EFFECT 2 repeatedly until desired sound effect is displayed.

Changing the display

Press DISPLAY **28** repeatedly when the Change information on system is on the display1) Change Display DISPLAY **28** repeatedly when the

mode (see below.) system is off.²⁾ 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 ("**1**")

-album name ("📛") ²⁾ The STANDBY indicator 14 on the unit lights up when the system is

011.			
The system offers the following display modes.			
Display mode	When the system is off ¹⁾		
Power Saving mode ²⁾	The display is turned off to conserve power. The timer and clock continue		
<u>(1 1 3)</u>	to operate.		

Clock3 The clock is displayed. ¹⁾ The STANDBY indicator 14 on the unit lights up when the system is

³⁾ The clock display automatically turns to Power Saving mode after 8

-total remaining playing time for an MP3 disc and a USB device.

-elapsed playing time of an MP3 file encoded using VBR (variable

-total playing time for a CD-DA disc (except when PGM mode is

-remaining playing time for a CD-DA disc (only when Normal Play

version 2 tags are used (ID3 version 2 tag information display has

-up to 64 characters for an ID3 tag, where characters allowed are

The system offers 2 timer functions. If you use both

You can fall asleep to music. This function works even if

Press and hold SHIFT 24 and press SLEEP 3 repeatedly.

pressed, the setting time is decreased by 10 minutes, from

You can wake up to CD, FM/AM reception, iPod/iPhone/

Prepare the sound source, and then press VOLUME

To start from a specific CD track, audio file, and radio

Press and hold SHIFT **24** and TIMER MENU **2**.

Press ♠/♥ 26 repeatedly to select "PLAY SET," then

Press 4/4 26 repeatedly to set the hour, then press \oplus

22. Use the procedure above to set the minutes.

Press 4/4 26 repeatedly until the desired sound

Press I/\bigcirc 13. The system automatically turns on

If the system is on at the preset time, the Play Timer

the system turns on until the playback starts.

will not play. Do not operate the system from the time

5 Use the same procedure as in step 4 to set the time

iPad or USB device at a preset time. Make sure you have

a maximum of 90 minutes to minimum of 10 minutes.

With each press of SLEEP **3** with SHIFT **24** held

priority when both ID3 version 1 and version 2 tags are used for a

uppercase letters (A to Z), numbers (0 to 9), and symbols (" \$ % ' (

-ID3 tag information for MP3 files when ID3 version 1 and

²⁾ You cannot set the clock in Power Saving mode

• Characters that cannot be displayed appear as "_."

-total playing time for an MP3 disc and a USB device.

maining playing time for an MP3/WMA/AAC file.

-folder and file names that do not follow either the ISO9660

Level 1, Level 2 or Joliet in the expansion format.

-remaining playing time for a track of CD-DA disc.

Notes on the display information

• The following are not displayed correctly:

selected and the player is stopped)

mode is selected during playback).

timers, the Sleep Timer has priority.

To cancel the Sleep Timer, select "OFF."

1 Prepare the sound source.

2 Select the timer set mode.

4 Set the time to start playback.

3 Set the play timer.

to stop playback.

7 Turn off the system.

6 Select the sound source.

before the preset time.

source appears, then press \oplus **22**.

press 🕂 🔁.

+/-10 to adjust the volume.

station create your own program.

The following are not displayed:

• The following are displayed:

single MP3 file).

Using the timers

Sleep Timer:

Play Timer:

set the clock.

the clock is not set.

bit rate).

 Do not insert a disc into the disc slot until "NO DISC" appears in the display. • a disc that has not been finalized (a disc to which data can be added).

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 20 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.

are as follows:

or "Flat."

iPhone/iPad.

change.

USB device

devices.

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 90

turns on 30 seconds before the preset time.

1 Press and hold SHIFT 24 and TIMER MENU 2

To check the setting

press 🕀 🔁

then press 🕀 22

To cancel the timer

in step 3, and then press \oplus **22**.

To change the setting

the Play Timer will not change.

the Play Timer also will be changed.

Troubleshooting

the indicated corrective action.

The system does not turn on.

the Automatic Standby function

has been cancelled unexpectedly.

• Is the power cord plugged in correctly?

The system has entered Standby mode

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 clock setting or the Play Timer operation

• If about a minute elapses with no operation, the clock

• Make sure the headphone is not connected to the \bigcirc

• Make sure additional audio components are connected

• Is anything blocking the ventilation holes of the system?

• The specified station may have temporarily stopped

• Install a noise filter (not supplied) to the power cord.

• Remove any obstacles between the remote and the

The STANDBY indicator 14 remains lit after

immediately after unplugging the power cord. The

indicator will turn off after about 40 seconds. This is

• Consult your nearest Sony dealer or local authorized

• The STANDBY indicator 14 may not turn off

The system does not eject the disc and

remote sensor **16** on the unit, and position the unit

Perform the operation again from the beginning.

• Press VOLUME + 10 to turn up the volume.

Make sure the function is set to AUDIO IN

• Move the system away from sources of noise.

• Connect the system to a different wall outlet.

• Point the remote at the system's sensor 16.

• Move the remote closer to the system.

unplugging the power cord.

not a malfunction.

"LOCKED" appears.

Sony service facility.

The disc cannot be inserted.

Check that the system is turned on.

CD/MP3 disc

The remote does not function.

away from fluorescent lights.

setting or Play Timer setting is cancelled automatically.

following items.

system?

circuited?

General

unexpectedly.

There is no sound.

(phones) jack A.

Severe hum or noise.

correctly.

broadcast.

If the STANDBY indicator flashes

connected iPod/iPhone/iPad

Notes for the iPod/iPhone/iPad user

Start over from step 1.

seconds before the preset time. If the sound source

2 Press ♦/♥ 26 repeatedly to select "SELECT," and then

Repeat the same procedure as above until "OFF" appears

• If you select a USB device as a timer and have many files or folder

on that device, it takes time for read processing, causing a slight

• When the sound source for a Play Timer is set to an FM/AM station

radio station after setting the Play Timer, the radio station setting for

• When the sound source for a Play Timer is set to an FM/AM station

that you set using auto tuning or manual tuning, if you change the

radio station after setting the Play Timer, the radio station setting for

• Make sure the iPod/iPhone/iPad is not playing when using the Play

• The Play Timer may not be activated depending on the status of the

The Play Timer setting remains as long as the setting is not cancelled

1 Make sure the power cord is firmly connected.

2 Find your problem in the checklist below, and take

Immediately unplug the power cord, and check the

• Is anything blocking the ventilation holes of the

• Is the iPod/iPhone/iPad connector 17 short-

After the STANDBY indicator 14 stops flashing,

reconnect the power cord, and turn on the system. If

the issue persists, contact your nearest Sony dealer.

If the issue persists, contact your nearest Sony dealer.

tuned from a preset radio station, the radio station tuning for the

Play Timer is fixed at what you set for it. Even if you change the

delay before start of play in response to the timer

3 Press ↑/ ◆ 26 repeatedly to select "PLAY SEL," and

is set to iPod/iPhone/iPad, the system automatically

• The data stored in the CD-DA, MP3 disc may have been corrupted, perform the transferring again. The character code that can be displayed by this system

-Upper cases (A to Z). -Numbers (0 to 9). -Symbols (< > * +, [] _).

Other characters appear as "_." iPod/iPhone/iPad

There is no sound.

Make sure the iPod/iPhone/iPad is connected securely. • Make sure the iPod/iPhone/iPad is playing music. • Make sure the iPod/iPhone/iPad is updated with the latest software. If not, update the iPod/iPhone/iPad before using with the system. Adjust the volume.

The sound is distorted.

- Make sure the iPod/iPhone/iPad is connected securely. • Turn down the volume Set the "EQ" setting of the iPod/iPhone/iPad to "Off"

The iPod/iPhone/iPad does not function.

- Shut down any other iOS applications running on the iPod/iPhone/iPad. For details, refer to the operation manual supplied with the iPod/iPhone/iPad. Make sure the iPod/iPhone/iPad is connected securely. • Make sure the iPod/iPhone/iPad is updated with the latest software. If not, update the iPod/iPhone/iPad before using with the system.
- Because the operation of the system and the iPod/ iPhone/iPad are different, you may not operate the iPod/iPhone/iPad using buttons on the remote or unit. In this case, use the control buttons on the iPod/

The iPod/iPhone/iPad cannot be charged.

- Make sure the iPod/iPhone/iPad is connected securely. • Make sure the system is not in USB function. An iPod/ iPhone/iPad cannot be charged in USB function. • You cannot charge the iPod/iPhone/iPad even if you connect the USB cable supplied with your iPod/iPhone/ iPad to the USB connector on the system.
- If you press DISPLAY **28** while charging when the system is off, the system stops charging an iPod/ iPhone/iPad. To restart charging of an iPod/iPhone/ iPad, reconnect the iPod/iPhone/iPad when the display mode is Power Saving mode.

The ring volume of the iPhone does not

• Adjust the ring volume on the iPhone.

The connected iPod/iPhone/iPad or USB device is not being charged, when both are connected at the same time.

• You cannot charge an iPod/iPhone/iPad and the USB device at the same time. Select the USB function to charge a 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
- 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
- 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 transferring again.
- The character code that can be displayed by this system
- are as follows: -Upper cases (A to Z).
- -Numbers (0 to 9).
- -Symbols ($< > * +, [] \setminus$).
- 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 on how to deal with this problem.

Playback does not start.

compatible USB devices.

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

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. • Some AAC files may not be played back correctly. • An AAC file which has video stream 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 8 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

- 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 5 and I/ 13 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. s on the unit to turn off Standby function.
- Hold down 1/ () [13] while the system is on, until
- "AUTO. STBY OFF" appears. To turn on the function, repeat the procedure until
- "AUTO. STBY ON" appears.

• "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 plavback 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 an iPod/iPhone/iPad is connected. -when a button on the remote or unit is pressed.

To turn off the beep sound

The system is set at the factory for the key-touch confirmation beep to sound when you press a touch panel key on the unit. You can turn off the beep sound.

1 Press the I/\bigcirc 13 to turn on the system.

2 Press and hold ■ 5 and VOLUME – 10 on the unit for 3 seconds or longer If you want to set the beep sound to on, use the same

Even if the beep sound is set to on, the system does not

beep to confirm key-touch while the Dock indicator is

CAN'T PLAY : You have inserted a disc that cannot be

COMPLETE : The preset operation ended normally.

LOCKED : The disc slot does not work. Contact your

NO DISC : There is no disc in the player, or you have

 $\operatorname{\textbf{NOSTEP}}$: All of the programmed tracks have been

NO SUPPORT : An unsupported USB device or iPod/

iPhone/iPad is connected or the iPod/iPhone/iPad

NOT USED : You tried to perform a specific operation

and turn off the system then turn on the system.

PUSH STOP : You pressed PLAY MODE **20** during

under conditions where that operation is prohibited.

OVER CURRENT : Remove the USB device from the port

TIME NG : The Play Timer start and end times are set to

NO TRACK : There is not playable files on the USB device

NO MEMORY : The memory media is not inserted in the

NO DEVICE : No USB device is connected or the

connected USB device has been removed.

loaded a disc that cannot be played.

whose battery is empty is connected.

playback in the CD or USB function.

Discs that this system CAN play

• CD-R/CD-RW (audio data/MP3 files)

Discs that this system CANNOT play

• CD-R/CD-RW of poor recording quality,

CD-R/CD-RW that have scratches or are dirty.

• CD-R/CD-RW which is finalized incorrectly

or CD-R/CD-RW recorded with an incompatible

• Discs of non-standard shape (for example, heart,

• CD-R/CD-RW other than those recorded in music CD

format or MP3 format conforming to ISO9660 Level

Discs containing files other than MPEG 1 Audio Layer-

• Discs that have adhesive tape, paper, or sticker attached

• Rental or used discs with attached seals where the glue

• Discs that have labels printed using ink that feels tacky

• Before playing, wipe the disc with a cleaning cloth from

• Do not clean discs with solvents, such as benzine,

thinner, or commercially available cleaners or anti-

• Do not expose discs to direct sunlight or heat sources

such as hot air ducts, nor leave it in a car parked in

• Completely disconnect the power cord (mains lead)

• Should any solid object or liquid get into the system,

unplug the system, and have it checked by qualified

• The AC power cord can be changed only by a qualified

• 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

• 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

• 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

remove the disc, and leave the system turned on for

• Heat buildup on the unit during operation is normal

continuously at a high volume because the cabinet may

cause the system to malfunction. In this situation,

about an hour until the moisture evaporates

• Do not touch the cabinet if it has been used

• Do not obstruct the ventilation holes.

vibration, direct sunlight or a bright light.

from the wall outlet (mains) if it is not going to be used

system, always grip the plug. Never pull the cord itself.

for an extended period of time. When unplugging the

ERROR: Unpredictable situations or an unknown device

FULL : You tried to program more than 25 tracks or files

lashing, although operation of the touch panel is enabled

procedure as in step 1, 2.

Messages

is connected.

USB device

or CD disc

the same time.

Audio CD

• CD-ROM

1/Level 2, Joliet

recording device

3 (MP3) files

square, star)

when touched

Notes on discs

direct sunlight.

service facility.

On placement

On heat buildup

have become hot.

and is not cause for alarm.

On safety

extends beyond the seal

the center out to the edge

static spray intended for vinyl LPs.

personnel before operating it again.

to them

Precautions

erased

nearest Sony dealer

(steps)

played back on this system

even while the Dock indicator is flashing.

On the speaker system

30 minutes, and turn it back on

Cleaning the cabinet

thinner, benzine, or alcohol.

Specifications

System: Compact disc and digital audio system

Laser Output*: Less than 44.6 µW

Frequency response: 20 Hz - 20 kHz Signal-to-noise ratio: More than 90 dB Dynamic range: More than 90 dB

FM stereo, FM/AM superheterodyne tu Antenna: FM lead antenna

87.5 MHz - 108.0 MHz (100 kHz step)

87.5 MHz - 108.0 MHz (50 kHz step)

Tuning range: European models: 531 kHz – 1602 kHz (9 kHz step)

531 kHz — 1710 kHz (9 kHz step) 530 kHz — 1710 kHz (10 kHz step)

531 kHz - 1602 kHz (9 kHz step)

530 kHz - 1610 kHz (10 kHz step

- iPod nano 5th generation (video camera

"Made for iPod," "Made for iPhone," and "Made for iPad" mean that an

electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple

formance standards. Apple is not responsible for the operation of this

device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless

Supported bit rate: MP3 (MPEG 1 Audio Layer-3): 32 kbps – 320 kbps, VBR WMA: 48 kbps – 192 kbps, VBR

ampling frequencies: MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz

← (USB) port: Type A, maximum current 500 mA

Full-range speaker: 65 mm, cone type

Input: 100 V - 240 V AC, 50/60 Hz

FM lead/AM loop antenna (1), Protective cushion (2),

Standby power consumption: 0.5 W

Design and specifications are subject to change without notice.

Approx. 449 mm \times 212 mm \times 137 (95) mm (incl. protruding parts)

Supplied accessories: Remote Commander (1), AC adapter (1), Power cord (1),

Passive radiator: 67 mm × 108 mm

Output: DC 19.5 V 3.9A

Power consumption: 32 watts Dimensions (W/H/D):

Quantity of the main unit: 1 piece

Mass: Approx. 2.8 kg

R6 (Size AA) batteries (2)

- iPod nano 4th generation (video)

- iPod nano 3rd generation (video)

Compatible iPod/iPhone/iPad models:

- iPod touch 4th generation

- iPod touch 3rd generation

- iPod touch 2nd generation

- iPod nano 6th generation

- iPod classic 160 GB (2009)

— iPhone 4S

- iPhone 3GS

— iPhone 3G

— iPad2

- iPad

USB section

AAC: 48 kbps - 320 kbps

WMA: 44.1 kHz

AAC: 44.1 kHz

Rated impedance: 8 ohms

Speaker section

General

Power requi

AC adapter

- iPhone 4

Latin American models:

AM loop antenna

Amplifier section

CD player section

Tuner section

FM tuner section

uning range:

Brazilian model:

Other models:

Other models:

iPod/iPhone/iPad section

AM tuner section

1 kHz, 10% THD

Laser Diode Properties Emission Duration: Cont

This speaker system is not magnetically shielded, and

distorted. In this situation, turn off the TV, wait 15 to

Clean this system with a soft cloth slightly moistened

abrasive pads, scouring powder, or solvents, such as

with a mild detergent solution. Do not use any type of

Power output (rated): 16 watts + 16 watts (8 ohms at 1 kHz, 1% THD)

Input AUDIO IN (stereo mini jack): Sensitivity 700 mV, impedance 47 kilohms

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.

PHONES (stereo mini jack): Accepts headphones of 8 ohms or more

ous RMS power output (reference): 20 watts + 20 watts (8 ohms at

the picture on nearby TV sets may become magnetically