Personal Audio System

GB Operating Instructions



The unit is not disconnected from the mains as

long as it is connected to the AC outlet, even if

The use of optical instruments with this product

the unit itself has been turned off

WARNING

contains a coin/button cell battery.

DO NOT INGEST BATTERY, CHEMICAL BURN

The remote control supplied with this product

If the coin/button cell battery is swallowed, it

Keep new and used batteries away from

If you think batteries might have been

Do not use this apparatus near water.

7) Do not block any ventilation openings.

8) Do not install near any heat sources such

9) Do not defeat the safety purpose of the

The wide blade or the third prong are

provided for your safety. If the provided

and a third grounding prong.

from the apparatus

by the manufacturer.

as radiators, heat registers, stoves, or other

apparatus (including amplifiers) that produce

polarized or grounding-type plug. A polarized

plug has two blades with one wider than the

other. A grounding type plug has two blades

plug does not fit into your outlet, consult an

electrician for replacement of the obsolete

10) Protect the power cord from being walked on

receptacles, and the point where they exit

11) Only use attachments/accessories specified

12) Use only with the cart, stand, tripod,

When a cart is used, use caution when

13) Unplug this apparatus during lightning

moving the cart/apparatus combination to

storms or when unused for long periods of

pracket, or table specified by the

manufacturer, or sold with the

avoid injury from tip-over.

or pinched particularly at plugs, convenience

Install in accordance with the manufacturer's

seek immediate medical attention.

Important Safety Instructions

Read these instructions.

2) Keep these instructions

4) Follow all instructions.

6) Clean only with dry cloth.

3) Heed all warnings.

can cause severe internal burns in just 2 hours

children. If the battery compartment does not

close securely, stop using the product and keep

swallowed or placed inside any part of the body,

will increase eye hazard.

and can lead to death.

it away from children

CAUTION

HAZARD

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CMT-X5CD

http://www.sony.net/



63 Bluetooth





Owner's Record

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

Serial No.

For the State of California, USA only Perchlorate Material-special handling may apply, See www.dtsc.ca.gov/hazardouswaste/

Perchlorate Material : Lithium battery contains

perchlorate

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To reduce the risk of fire, do not cover the ventilation opening of the appliance with newspapers, tablecloths, curtains, etc. Do not expose the appliance to naked flame sources (for example, lighted candles). To reduce the risk of fire or electric shock, do not

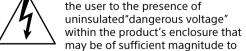
expose this appliance to dripping or splashing, and do not place objects filled with liquids, such as vases, on the appliance

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.

The nameplate is located on the bottom exterior. These following indications are located on the bottom exterior





persons

replaced. Replace only with the same or

Do not expose batteries or appliances with

battery-installed to excessive heat, such as

This symbol is intended to alert

constitute a risk of electric shock to

This symbol is intended to alert the

user to the presence of important

operating and maintenance

(servicing) instructions in the

literature accompanying the

14) Refer all servicing to qualified service personnel.

apparatus.

Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate

The following FCC statement applies only to the version of this model manufactured for sale in the U.S.A. Other versions may not comply with FCC technical regulations.

normally, or has been dropped.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the
- equipment and receiver. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

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

Properly shielded and grounded cables and connectors must be used for connection to host computers and / or peripherals in order to meet FCC emission limits

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

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

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and 🗕 ankles).

This device complies with industry Canada licence-exempt RSS standard(S). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities:hands, wrists, feet and ankles).

Before operating this system Malfunctions that occur during the normal use of the system will be repaired by Sony in accordance with the conditions defined in the limited warranty for this system. However, Sony will not be liable for any consequences arising from a failure to play caused by a damaged or

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.

Note on DualDiscs

malfunctioning system.

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.

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 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. MPEG Laver-3 audio coding technology and

patents licensed from Fraunhofer IIS and

Getting Started

Location of Controls

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trademark of NFC Forum, Inc. in the United

•Android and Google Play are trademarks of

•The system names and product names

"WALKMAN" and "WALKMAN" logo are

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iPod classic, iPod nano and iPod touch are

mean that an electronic accessory has been

designed to connect specifically to iPod and

iPhone, respectively, and has been certified

standards. Apple is not responsible for the

by the developer to meet Apple performance

operation of this device or its compliance with

safety and regulatory standards. Please note

or iPad may affect wireless performance.

Sony Mobile Communications AB.

that the use of this accessory with iPod, iPhone

• "Xperia" and "Xperia Tablet" are trademarks of

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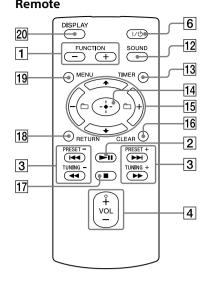
Google Inc.

this manual.

of Apple Inc.

registered trademarks owned by BLUETOOTH

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. Unit (front/top)

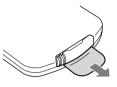


About operating with MENU 19

If MENU 19 is pressed twice, the operation

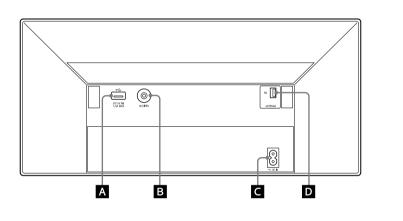
1 2 3 4 5 6 7 9

When you use the remote for the first time The battery is factory-installed in the remote. Before using the remote for the first time. remove the insulation sheet attached to the battery holder. For details, see "Changing the battery".



Unit (back)

is canceled



A ← (USB) port Connect a USB device.

You can use your iPhone/iPod with this system via Bluetooth or connection only.

B AUDIO IN (external input) jack Connect optional external equipment with an audio connecting cable (not supplied).

C ~ AC IN input

Connect the power cord (supplied) to the wall

D FM ANTENNA

Connect the FM antenna.

 Find a location and an orientation that provide good reception, and then fix the antennas to a stable surface (window, wall, etc.). Secure the end of the FM lead antenna with adhesive

Setting the clock

1 Press I/ (b) 6 to turn on the system.

2 Press TIMER 13. If "PLAY SET" is displayed, press ◆/◆ 15 to select "CLOCK," then press + 14

3 Press **↑/♦** 15 to set the hour, then press ⊕ 14. 4 Press ◆/◆ 15 to set the minutes, then press ⊕

•The clock settings are reset when you disconnect the power cord or if a power failure occurs.

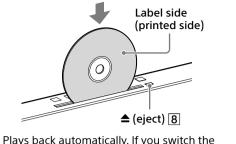
To display the clock when the system is off Press DISPLAY 20 repeatedly to display the clock. The clock is displayed for about 8 seconds. If the system is in BLUETOOTH Standby mode the clock does not appear by pressing DISPLAY

Listening to a CD

Playing a CD-DA/MP3 disc

1 Press FUNCTION 1 to select "CD."

2 Insert a CD to the disc slot 9 at the top of the Load a CD with the label side (printed side)



a CD is already inserted in the slot, press ►II 2 after "READING" has disappeared from the display window 7 The button of the remote or the unit enables

function to "CD" from another function when

you to fast-rewind/fast forward, select a track, file or folder (for MP3 disc), etc.

To eject the CD Press \triangleq (eject) $\boxed{8}$ on the unit.

•8 cm CD cannot be used with this system Do not load a CD with non-standard shapes (e.g., heart,

square, star). Doing this may cause irreparable damage to • Do not use a CD with tape, stickers or paste on it as this may cause malfunction

• When you remove a CD, do not touch the surface of the

To change the play mode

Play mode enables you to playback the same music repeatedly or shuffle-play.



If you select "REPEAT" in step 4, you do not have to stop playback. 2 Press MENU 19.

3 Press ◆/◆ 15 to select "CD MENU", then press

4 Press ◆/◆ 15 to select "PLAYMODE" or "REPEAT," then press 🕀 14.

5 Press ◆/◆ 15 to select the play mode, then press (±) |**14**| You can select the following play modes.

PLAYMODE

Play mode	Effect
NORMAL	Plays a track or file.
FOLDER*	Plays all tracks in the selected folder. "FLDR" lights up in the display window 7.
SHUFFLE	Plays all tracks or files in random order. "SHUF" lights up in the display window 7.
FLDR.SHUF*	Plays all tracks or files in the selected folder in random order. "FLDR. SHUF" lights up in the display window 7.
PROGRAM	Plays the programmed tracks or files. "PGM" lights up in the display window 7. For details, see "Creating your own program (Program Play)".

* This play mode is applicable only for playing an MP3 disc **REPEAT**

Play mode	Effect
ALL (Repeat plays all tracks)	The system plays all tracks in a disc or folder repeatedly. "←" lights up in the display window 7.
ONE (Repeat plays one track)	The system plays the selected track repeatedly. "←1" lights up in the display window 7.
OFF	Cancels repeat playback.

Note on playing MP3 discs

• Folders that have no MP3 files are not recognized on the

•The system can only play MP3 files that have a file extension of ".mp3." Even when file name has the ".mp3" file extension, if it is

not an audio MP3 file, playing this file may generate a loud •The maximum number of MP3 folders and files compatible with this system is:

-999* folders (including the root folder -999 files

-250 files in a single folder -8 folder levels (in the tree structure of files

* 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.

Compatibility with all MP3 encoding/writing software, CD-R/RW drive and recording media cannot be Listening to a file on a USB guaranteed. Incompatible MP3 discs may produce noise of

interrupted audio or may not play at all.

play mode", then press 🕀 14.

that you want to program.

(Program Play)

folder, press 🕀 14

tracks or files

To cancel program play

track or file will be deleted.

deleted, "NO STEP" appears.

4 Press ►II 2.

press 🕀 **14**.

file, then select 14

Creating your own program

Plays the programmed track or file in a CD.

1 Select "PROGRAM" in step 5 of "To change the

2 When using an MP3 disc, press = +/- 15 to

If you want to play all tracks or files in the

3 Press ► 1 3 to select a desired track or

Selected track Total playing time

Repeat the steps above to program additional

Your program of tracks or files starts playback.

In step 1, select "NORMAL" for "PROGRAM," then

Press CLEAR 16 while the play is stopped. Each

time you press the button, the last programmed

•Up to 25 tracks or files can be programmed. If you attempt

to program more than 25 tracks or files, "FULL" will be

disconnected after programming, all the programmed tracks and files are deleted.

displayed. In this case, delete unnecessary tracks

• To play the same program again, press ►II 2.

• When the disc is ejected or the power cord is

Listening to the radio

Tuning in a radio station

1 Press FUNCTION 1 to select "FM".

Manual tuning

desired station.

press (±) |14

2 Press and hold PRESET +/- 3 until the

frequency indication in the display window 7

Tuning stops automatically when a FM stereo

broadcast is received (Automatic Scanning).

starts changing, then release the button.

"ST" lights up in the display window 7.

Press PRESET +/- 3 repeatedly to tune-in the

If reception of an FM stereo broadcast is noisy, press MENU

19 and select "TUNE:MENU." "FM MODE" and "MONO" in

turn, to select monaural reception. This reduces noise.

Presetting radio stations

You can preset your desired radio stations

1 <u>Tune</u> in the desired station, then press MENU

4 Press ◆/♥ 15 to select "OK," then press ⊕ 14.

"COMPLETE" appears in the display window

Repeat the steps above to register further

6 Press I/ 6 to turn off the power, then press

•If you select an already-registered preset number in step

Press PRESET +/- 3 to select the preset number

5. the preset radio station is replaced by the currently

To tune in to a preset radio station

to which the desired station is registered.

I/🖰 6 again to turn on the power.

You can preset up to 20 FM stations.

7 and the radio station is registered with the

Preset number

5 Press ◆/◆ 15 to select the preset number,

MEMBRS

radio stations.

To delete a programmed track or file

When all the programmed tracks or files are

track or file

or file number of the selected

select the folder containing the tracks or files

Playing a file on a USB device

You can play audio files stored on a USB device such as WALKMAN® or digital media player, on this system by connecting a USB device to the

For details on compatible USB devices, see "Compatible devices and versions."

1 Press FUNCTION **1** to select "USB." **2** Connect the USB device to the ← (USB) port

A on the rear of the unit. Connect the USB device directly, or via the USB cable supplied with the USB device, to the -(USB) port A. Wait until "READING" disappears.

3 Press ►II 2.

Starts playback.

You can operate fast-rewind/fast-forward. selecting a track or file or selecting folder with the remote or the button of the unit.

To change the play mode

When playing the USB device, the play mode can be selected. Press MENU 19, then select "USB MENU." Select "PLAYMODE" or "REPEAT. For details, see "To change the play mode" of "Listening to a CD." When a file on a USB device is playing, programmed playback cannot be

• If a USB device is connected to the unit, battery chargin starts automatically. Even when the system is off, the USB device can be charged. • If the USB device cannot be charged, disconnect and reconnect it. For details on the charging status of the USB device, see the operating manual of the USB device.

 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 For details on connection, refer to the operation manual supplied with the USB device to be connected.

• It may take time before "READING" appears after connecting, depending on the type of USB device connected.

•Do not connect the USB device through a USB hub. When the USB device is connected, 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, it may take a long time to transmit signals from the system or to finish reading the USB device. *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, may malfunction. The maximum number of folders and files on the USB.

device compatible with this system is: -1,000* folders (including the root folder

-250 files in a single folder

-8 folder levels (in the tree structure of files) This includes folders that have no playable audio file and empty folders. The number of folders that the system

can recognize may be less than actual number of folders, depending on the folder structure. •The system does not necessarily support all the functions

provided in a connected USB device. Folders that have no audio files are not recognized

•The audio formats that you can listen to with this system

-MP3: file extension ".mp3 –WMA*: file extension ".wma" -AAC*: file extension ".m4a." "mp4" or ".3qp"

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

Files with DRM (Digital Rights Management) copyright 2 Press ◆/◆ 15 to select "TUNE:MENU," then protection or files downloaded from an online mus store cannot be played on this system. If you try to play one of these files, the system plays the next unprotected 3 Press ◆/▼ 15 to select "MEMORY," then press

Listening to music with optional audio components

Playing back the music of optional audio components

You can play a track of optional audio components connected to the unit.

•Beforehand, press the VOL – 4 to turn down the volume. 1 Press FUNCTION 1 to select "AUDIO IN."

2 Connect its audio connecting cord to the AUDIO IN jack **B** on the rear of the unit and the output terminal of the optional external

Adjust the volume on the connected component during playback.

4 Press VOL +/- 4 on the remote to adjust the volume.

volume level of the connected component is too low. For details, see "Setting the Automatic Standby function."

You can listen to music from BLUETOOTH device over a wireless connection Before using the BLUETOOTH function, perform pairing to register your BLUETOOTH device.

Place the BLUETOOTH device to be connected within one

skip the next procedure. See "Listening to music by one

2 Press MENU 19.

5 Press ◆/▼ 15 to select "OK" then press ⊕ 14.

window 7, the system changes to pairing

6 Search for this system with the BLUETOOTH A list of the devices found may appear on the

7 Select [SONY:CMT-X5CD] (this system). If prompted to enter a passkey on the BLUETOOTH device, enter "0000." If this system is not shown in the display of the device, proceed from step 1 again. When pairing is completed, the display changes to the connected BLUETOOTH device

> Depending on the BLUETOOTH device, press ▶II 2 again. Also, you may have to start up a

9 Press VOL +/- **4** to adjust the volume. If the volume cannot be changed on the system, adjust it on your BLUETOOTH device. Operation such as fast-rewind/fast-forward, selecting music and selecting a folder can be

connection is canceled when BLUETOOTH connection with another device is successfully established.

operations may differ depending on the connected BLUETOOTH device.

to be performed again. In the following cases, however, a pairing operation must be performed again: Pairing information was erased when the BLUETOOTH

device was repaired

BLUETOOTH devices. This system can pair with up to 9 BLUETOOTH devices If you pair another BLUETOOTH device after pairing with 9 devices was performed, pairing information o

from the connected device. -If you initialize the system or erase the pairing history

• The sound of this system cannot be sent to a BLUETOOTH • "Passkey" may be called "Passcode," "PIN code," "PIN

To check the address of a connected BLUETOOTH device

display window 7. The BLUETOOTH device address appears in two lines on the system display window 7 for 8 seconds

To cancel the connection with a BLUETOOTH device

display window 7.

3 Start playback of the connected component.

make a BLUETOOTH connection unless pairing is

Pairing the system with a **BLUETOOTH** device and listening

Listening to music through

a BLUETOOTH connection

to music

meter of the system • If your BLUETOOTH device is compliant with touch (NFC),

1 Press FUNCTION 1 to select "BT AUDIO."

3 Press ◆/◆ 15 to select "BT MENU," then press

4 Press ◆/◆ 15 to select "PAIRING," then press ⊕

When "PAIRING" starts flashing in the display

BLUETOOTH device display.

name from "PAIRING" and the BLUETOOTH indicator lights up.

8 Press ►II 2. Starts playback.

music player on the BLUETOOTH device.

operated with the remote or buttons of the

•You can perform a pairing operation or attempt to make a BLUETOOTH connection with another BLUETOOTH device while the BLUETOOTH connection is established with one BLUETOOTH device. The currently established BLUETOOTH

•The operations described above may not be available for certain BLUETOOTH devices. In addition, the actual

•Once a pairing operation is performed, it does not have

—You attempt to pair the system with more than 10

the device that was connected with the system first is overwritten with that of the new device. -Pairing registration information of this system is erased

with the system, all the pairing information will be

number" or "Password," etc

Press DISPLAY 20, while the name set on the connected BLUETOOTH device is shown in the

To erase the pairing registration information

Disconnect the BLUETOOTH connection on the

BLUETOOTH device. "BT AUDIO" appears in the

listening to music," then press 🕀 14. 2 Press ◆/▼ 15 to select "OK," then press ⊕ 14. "COMPLETE" appears in the display window

• If you have erased the pairing information, you cannot

7 and all the pairing information is erased.

appliance. CAUTION Danger of explosion if battery is incorrectly

equivalent type.

sunshine and fire.

1 Select "DEL LINK" after step 3 on "Pairing the system with a BLUETOOTH device and

•The system may enter Standby mode automatically if the

Listening to music through a

registered device

After step 1 on "Pairing the system with a BLUETOOTH device and listening to music. operate the BLUETOOTH device to connect with the system, then press ►II 2 of the unit to start playback.

Listening to music by one-touch action (NFC)

NFC is a technology for short-range wireless communication between various devices such as a mobile phone and IC tag. Just touch your smartphone/tablet on the system. The system is turned on automatically. and pairing and BLUETOOTH connection are established

- Beforehand, turn the NFC settings to on. 1 Touch your smartphone/tablet on the N-mark
- 10 on the unit. Touch the smartphone/tablet on the unit and maintain contact until the smartphone/tablet

Refer to the user's guide of your smartphone for the part of your smartphone/tablet used as touch contact

- **2** After completing the connection, press ►**II 2**. Starts playback.
- To disconnect the established connection, touch your smartphone/tablet on the N-Mark 10 on the unit.

 Compatible smartphones are those equipped with the NFC function (compatible operating system: Android version 2.3.3 or later with the exception of Android 3.x). Check the website below for information on compatible

devices. For customers in the United States: http://esupport.sony.com/ For customers in Canada

http://esupport.sony.com/CA/ • If the smartphone/tablet does not respond even though it is touched to the unit, download "NFC Easy Connect unit again, "NFC Easy Connect" is a free application for exclusive use with Android™. Scan the following 2D Code



When you touch an NFC-compliant smartphone/tablet or the unit while another BLUETOOTH device is connected with this system, the BLUETOOTH device is disconnected and the system is connected with the smartphone/table

•In some countries and regions, NFC-compliant application may not be downloaded.

• For some smartphones/tablets, this function may be available without downloading "NFC Easy Connect." In this tablet may be different from the description in this

For details, refer to the user's guide supplied with your smartphone/tablet

Playing with high quality sound codec (AAC/aptX)

You can receive the data in AAC or aptX codec format from a BLUETOOTH device. It provides the playback with a higher quality sound. The factory settings of "BT AAC" and "BT APTX" are "ON."

1 Press MENU 19.

- 2 Press ◆/◆ 15 to select "BT MENU," then press
- 3 Press ◆/◆ 15 to select "BT AAC" (AAC codec) or "BT APTX" (aptX codec), then press 🕀 14.
- 4 Press ◆/◆ 15 to select "ON," then press ⊕ 14.

• If you initiate setup during BLUETOOTH connection, the

connection is cut. • If sound is interrupted during reception in AAC codec format, set to "OFF" in step 4 to cancel the settings. In this

Additional information

Setting the Automatic Standby function

The system enters Standby mode automatically in about 15 minutes when there is no operation or audio signal output (Automatic Standby

By default, the Automatic Standby function is turned on.

1 Press MENU 19.

function)

- 2 Press ◆/◆ 15 to select "STBY:MODE," then press 🕀 **14**. 3 Press ◆/◆ 15 to select "AUTO:STBY," then press
- 4 Press ◆/◆ 15 to select "ON" or "OFF," then

displays in the display window [7]

press 🕀 **14**.

•2 minutes before entering standby mode, "AUTO:STBY"

-while the Play Timer or Sleep Timer is being used

•The system counts down the time (about 15 minutes)

when a button on the remote or unit is pressed.

again until it enters Standby mode, even when Automatic

-when a USB device is connected while "USB" function

Setting the BLUETOOTH Standby

When BLUETOOTH Standby mode is enabled,

the system enters Wait mode for BLUETOOTH

2 Press ◆/◆ 15 to select "STBY:MODE," then

4 Press ◆/◆ 15 to select "ON" or "OFF," then

• When this system is set to "ON." the system turns on

automatically and you can listen to music by activating

BLUETOOTH signal ON/OFF

5 Press **I**/ $^{\circlearrowleft}$ **6** to turn off the system.

BLUETOOTH on the connected component.

ettina the wireless

This mode is disabled by default.

connection even when the system is turned off.

3 Press ◆/◆ 15 to select "BT STBY," then press ⊕

-while an audio signal is being detected

-during playback of audio tracks or files

mode

1 Press MENU 19

press 🕀 14

press 🕀 14

• The Automatic Standby function is invalid for the tuner function (FM), even when you have enabled it. The system may not enter Standby mode automatically in the following cases:

-while using the FM function

You can listen to a CD or MP3 disc, USB device or radio every day at a preset time. The Play Timer setting remains as long as the setting is not canceled.

1 Prepare the sound source.

3 Press **↑**/**▼** 15 to select "PLAYTIMER," then press 🕀 14

The start time flashes in the display window

"MINUTE" of the time to stop the operation. 5 Press ◆/◆ 15 to select the desired sound

appears.

• Before the preset time, the system automatically turns on. —for FM: about 15 seconds before the preset time

• When the sound source is a CD, you can preprogram the Play Timer. See "Creating your own program (Program

• When the sound source is radio, make sure to tune-in the radio station in advance the beginning again.

•The Play Timer does not work if the system is already on at

When the unit is turned on, you can control a BLUETOOTH signal. The default setting is ON. Scanning (AUTO) or Manual Tuning (MANUAL), and you

change the radio frequency or band after setting the **1** Turn on the unit. timer, the radio station setting for the timer will also be 2 Press and hold ◄ 3 and I/ 6 of the unit. **3** After "RF OFF" (wireless BLUETOOTH signal is off) or "RF ON" (wireless BLUETOOTH signal is

• When this setting is set to OFF, the BLUETOOTH function is not available. • When this setting is off, the unit is turned on by the

on) appears, release the button

smartphone/tablet by one-touch action (NFC) on the unit •When this setting is off, the BLUETOOTH Standby mode • When the BLUETOOTH Standby mode is on and the unit is

turned off, the BLUETOOTH Standby mode turns off. • When this setting is off, the unit and BLUETOOTH device cannot be paired •Even when this setting is off, a wired connection can still

You can set the bass and treble or adjust the tone to your preferences.

Adjusting the sound

1 Press SOUND 12.

2 Press ◆/◆ 15 to select "CA+," "P-EQ" (sound effect), or "WIDE ST" (stereo effect), then press

CA+: Set to the recommended sound quality of P-EQ (EQUALIZER): Select the desired sound from the following styles

"R AND B/HIP HOP." "ROCK." "POPS." "CLASSIC," "JAZZ," "FLAT," "CUSTOM" WIDE ST (WIDE STEREO): Select "HIGH" or "NORMAL" then press \oplus 14. If you want to adjust to a more natural stereo sound, select "NORMAL

Using the timers

The system offers Sleep Timer and Play Timer.

•The Sleep Timer has priority over the Play Timer.

Setting the Sleep Timer At the specified time, the system is turned off

automatically. 1 Press MENU 19.

2 Press ◆/◆ 15 to select "SLEEP," then press ⊕

3 Press ◆/◆ 15 to select the specified time, then press 🕀 14. You can select from "10MIN" (10 minutes) to

"90MIN" (90 minutes) in 10 minute increments.

•To check the remaining time of Sleep Timer, perform steps 1 and 2 above. •The Sleep Timer works even if the clock is not set.

To cancel the Sleep Timer Select "OFF" in step 3 above.

Setting the Play Timer

• Make sure you have set the clock before setting the timer See "Setting the clock."

2 Press TIMER 13.

4 Press ◆/◆ 15 to select time, then press ⊕ 14. Follow the same procedure to set "MINUTE" of the time to start operation, then "HOUR" and

source, then press 🕀 14 The confirmation display for the Play Timer

6 Press **I**/ $^{\circlearrowleft}$ **6** to turn off the system.

-for a CD or USB device: about 90 seconds before the

ullet To change the timer setting, perform the procedures from

the preset time. Be careful not to operate the system until it is turned on and starts play with the timer • When the sound source for a Play Timer is set to a radio station that you set using Automatic

• When the sound source for a Play Timer is set to a radio station tuned from a preset radio station, and you change the frequency of the radio station or band after setting the timer, the radio station setting for the timer will not change. The radio station tuning for the timer is fixed at the frequency you set.

To check the setting

Press TIMER 13.

2 Press ◆/◆ 15 to select "SELECT", then press ⊕

3 Press ◆/◆ 15 to select "PLAY SEL," and then press 🕀 14 The timer setting appears in the display window 7.

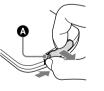
To cancel the timer

After step 2 on "To check the setting," select "OFF," then press \oplus 14.

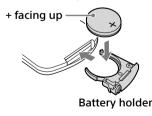
Changing the battery

The working distance of the remote shortens as the battery becomes exhausted. When the remote no longer operates the unit, replace the battery with a new CR2025 lithium battery (not

1 Push and hold **(A)** at the rear of the remote, then pull out the battery holder in the direction of the arrow.



2 Replace the battery with the"+" facing up, then insert the battery holder into the slot



• Wipe the battery with a dry cloth to assure a good contact. •Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur. •Use of batteries other than the CR2025 may cause a fire or

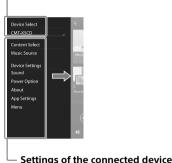
About "SongPal"

A dedicated App for this model is available on both Google Play™ and the App Store.

or music in a device connected to the USB

What you can control with "SongPal" varies depending on the connected device. The specification and design of the app may change without notice.

Device Select Select a "SongPal" compatible device.



Various sound settings are displayed This menu can be displayed from any screen by flicking right.

Home screen

Displays functions of selected device, and apps installed on your smartphone/iPhone



Controller for selected function.

Troubleshooting

Troubleshooting

1 Make sure the power cord is firmly connected.

2 Find your problem in the checklist below, and

take the indicated corrective action. If the issue persists, contact your nearest Sony

If the standby indicator 5 flashes

Immediately unplug the power cord, and make sure the power cord is not connected to a wall outlet other than AC 120 V. After the standby indicator 5 stops

flashing, plug the power cord again, and

turn on the system. If the issue persists,

contact your nearest Sony dealer.

The system does not turn on.

General

 Make sure you have connected the power cord to a wall outlet correctly

The system has entered Standby mode unexpectedly

 This is not a malfunction. The system enter Standby mode automatically in about 15 minutes when there is no operation or audio signal output. See "Setting the Automatic Standby function.

The clock setting or the Play Timer operation has been canceled unexpectedly

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

There is no sound.

supplied) is recommended

- Turn up the volume on the unit. Make sure an external component is connected correctly to the AUDIO IN jack **B** and set the function to AUDIO IN The specified station may have temporarily
- stopped broadcast. Severe hum or noise occurs.
- Move the system away from sources of noise. Connect the system to a different wall outlet. • Use of an AC power tap with a noise filter (not

The remote does not function

the unit.

Replace the batteries.

Sound settings You can easily customize your sound, or use Sony's recommended settings "CA+."

Controlling a CD inserted in the unit, or a device connected via USB You can play a CD that is inserted in the unit

CD-DA/MP3 disc

stand)

USB device

"LOCKED" appears in the display window 7 and the disc cannot be removed from the disc slot f 9 .

Remove any obstacles between the remote

and the remote sensor [1] on the unit, and

• Point the remote at the remote sensor 11 on

Move the remote closer to the system.

position the unit away from fluorescent lights

• Consult your nearest Sony dealer or local authorized Sony service facility.

The disc or file will not play. • The disc that has not been finalized (a CD-R or

CD-RW disc to which data can be added). The sound skips, or the disc will not play.

• The disc may be dirty or scratched. When the disc is dirty, wipe it clean Move the system to a location away from

vibration (for example, on top of a stable

Play does not start from the first track or • Make sure the current play mode is correct. If

the play mode is "SHUFFLE" or "PROGRAM," change the setting. Starting playback takes more time than

takes to start playback: –a disc recorded with a complicated tree structure.

The following discs can increase the time it

-a disc recorded in multi-session format. —a disc that has many folders.

For details on compatible USB devices, see 'Compatible devices and versions.' An unsupported USB device is connected.

• The following problems may occur —The USB device is not recognized. -File or folder names are not displayed on this

-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 then reconnect the USE

There is noise, skipping, or distorted sound.

 An unsupported USB device is connected. Connect a supported USB device. Turn off the system, then reconnect the USB

device and turn on the system • The music data itself contains noise, or the sound is distorted. Noise may have been entered when creating music data due to the onditions of the computer. In this case, delete

the file and send the music data again. The bit rate used when encoding the files was low. Send files encoded with higher bit rates to the USB device.

"READING" is displayed for an extended time, or it takes a long time before playback starts.

The reading process may take a long time in the following cases. -There are many folders or files on the USB

—The file structure is extremely complex. –Not enough free space in the memory. —The internal memory is fragmented.

The file or folder name (album name) is not displayed correctly. Send the music data to the USB device again,

been corrupted. • The character code that can be displayed by this system are as follows:

—Upper cases (A to Z). -Numbers (0 to 9). —Symbols (< > * +, [] @ \ _ Other characters appear as "_."

The USB device is not recognized.

Play does not start.

device, then turn on the system. An incompatible USB device may be connected. The USB device does not work properly. Refer to the operating manual supplied with the USB device for how to deal with this problem.

• Turn off the system and reconnect the USB

 An incompatible USB device may be connected. Play does not start from the first track.

Set the play mode to "NORMAL" play mode.

• Turn off the system and reconnect the USB

device, then turn on the system.

Precautions/Specifications

Precautions

The USB device cannot be charged.

to the \leftarrow (USB) port **A**.

Tuner

same time.

Make sure the USB device is connected securely

The USB device may not be supported by this

Disconnect the USB device and then reconnect

it. For details on the charging status of the USB

device, see the operating manual of the USB

Severe hum or noise occurs ("STEREO"

• Find a location and an orientation that provide

• Keep the antennas away from the unit, speaker

Several radio stations can be heard at the

• Find a location and an orientation that provide

good reception, and then set up the antenna

Bundle the antenna cables using commercially

To reset the system to factory settings

Use buttons on the unit to reset the system to its

that the standby indicator **5** is not lit. Then

the unit until "RESET" appears in the display.

All user-configured settings, such as preset

If the problem persists after doing all of the

reconnect the power cord and turn on the

2 Press and hold FUNCTION 1 and 1/0 6 on

radio stations, timer, and the clock, are

above, consult your nearest Sony dealer.

If you dispose of the unit or give it to another person,

The following messages may appear or flash

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

played back on this system, such as CD-ROM

COMPLETE: The station preset operation ended

FULL: You tried to program more than 25 tracks

cannot remove the disc. Contact your nearest

NO DEVICE: No USB device is connected or the

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

inserted in the USB device, or the system does

NO SUPPORT: The system does not support the

NO TRACK: There are not playable files on the

NOT IN USE: You pressed an unplayable button.

the port and turn off the system then turn on

play mode during playback in the CD or USB

READING: The system is reading the information

on the CD or USB device. Some buttons do not

TIME NG: The Play Timer start and end times are

OVER CURRENT: Remove the USB device from

PUSH STOP: You attempted to change the

connected USB device has been removed.

have loaded a disc that cannot be played.

NO STEP: All of the programmed tracks have

NO MEMORY: The memory media is not

not identify the memory media.

DATA ERROR: You tried to play an unplayable

ERROR: You operated the system during

LOCKED: The disc slot **9** is locked and you

initialization. Wait for a while until the

initialization is completed

available cord clips and adjust the cable

If the system still does not operate properly

1 Disconnect the power cord and confirm

reset the system to factory settings.

factory default settings

reset the unit for security.

Messages

during operation.

and DVD disc

Sonv dealer

been erased

the system.

connected USB device

work during reading.

set to the same time

USB device or disc

normally

cord or other AV components to avoid picking

good reception, and then set up the antenna

flashes in the display window 7), or

broadcasts cannot be received.

• Turn off nearby electrical equipment.

Connect the antenna properly.

Discs that this system CAN play

 Audio CD-DA discs • CD-R/CD-RW (audio data of CD-DA tracks and

Do not use a CD-R/CD-RW disc with no data

stored. Doing so may damage the disc. 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 recorded in multi-session format and not closed the session

• 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

 CD-R/CD-RW which is finalized incorrectly • CD-R/CD-RW containing files other than MPEG 1 Audio Layer-3 (MP3) files •8 cm disc

recording device

attached to them

 Discs of non-standard shape (for example, heart, square, star) Discs that have adhesive tape, paper, or sticker

• Rental or used discs with attached seals where the glue extends beyond the seal • Discs that have labels printed using ink that

Notes on CD-DA discs

feels tacky when touched

• 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 viny

 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

it checked by qualified personnel before operating it again • The AC power cord can be changed only by a

the system, unplug the system, and have

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. If the

system still does not operate, even after an

extended period, consult your nearest Sony

On heat buildup

Cleaning the cabinet

alcohol.

• Heat buildup on the unit during charging or operation over a long period of time is normal and 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

Clean this system with a soft cloth slightly

moistened with a mild detergent solution. Do

powder, or solvents, such as thinner, benzine, or

not use any type of abrasive pads, scouring

iPhone/iPad/iPod touch

Check the websites below for details on the

Compatible models

iPad (3rd generation)*

iPod touch (5th generation)

iPod touch (4th generation)

iPod touch (3rd generation)*

iPod nano (7th generation)*

Pod classic, and iPod nano.

"SongPal" does not support iPod touch (3rd generation),

"SongPal" does not support iPad as of January 2014

Bluetooth technology works with iPhone 5s,

Check the websites below for details on the

BLUETOOTH wireless technology

BLUETOOTH wireless technology is a short-range

wireless technology linking digital devices, such

as personal computers and digital still cameras.

Using the BLUETOOTH wireless technology, you

can operate the units involved within a range of

commonly used between two devices, but a

single device can be connected to multiple

You do not need wires to get connected as you

do with a USB connection, and you do not need

to place the devices face to face as you do with

technology with one BLUETOOTH device in your

standard supported by thousands of companies.

These companies produce products that meet

Profile refers to a standard set of capabilities for

various BLUETOOTH product capabilities. See

'Specifications" for details on the supported

To use a BLUETOOTH device connected to this system.

the device must support the same profile as this system.

different depending on the specifications of the device,

technology, playback on this system is slightly delayed

compared with audio playback on the transmitting device.

approximately 10 meters (unobstructed distance)

range may become shorter under the following

-When a person, metal object, wall or other

obstruction is between the devices with a

-Locations where a wireless LAN is installed

-Around microwave ovens that are in use

Locations where other electromagnetic

Because of the properties of BLUETOOTH wireless

BLUETOOTH devices should be used within

of each other. The effective communication

Note that the functions of the BLUETOOTH device may be

wireless infrared technology. You can use the

BLUETOOTH wireless technology is a global

Supported BLUETOOTH version and

BLUETOOTH version and profiles

even if it has the same profile as this

Effective communication range

BLUETOOTH connection

waves occur

The BLUETOOTH wireless technology is

For customers in the United States

http://esupport.sony.com/CA/

http://esupport.sonv.com/

For customers in Canada

about 10 meters.

devices.

bag or pocket

conditions

the global standard.

iPhone 5c, iPhone 5, iPhone 4s, iPhone 4, iPhone

iPhone 5s

iPhone 5c

iPhone 5

iPhone 4s

iPhone 4

iPad Air *

iPad 2*

generation).

USB device

iPad*

iPhone 3GS

For customers in the United States: http://esupport.sonv.com/

> wireless LAN equipment. Bluetooth[®]

-Turn off the power to the wireless LAN equipment when using your BLUETOOTH device within 10 meters

near a device with wireless LAN capability,

Near automatic doors or fire alarms

 This system supports security functions that comply with the BLUETOOTH specification as a means of ensuring security during communication using BLUETOOTH technology. However, this security may be insufficient depending on the setting contents and other factors, so always be careful when performing communication using BLUETOOTH technolog Sony cannot be held liable in any way for damages

with all BLUETOOTH devices that have the same profile as BLUETOOTH devices connected with this system must comply with the BLUETOOTH specification prescribed by the BLUETOOTH SIG. Inc., and must be certified to comply. However, even when a device complies with the BLUETOOTH specification, there may be cases where the

Noise may occur or the audio may cut off depending on the BLUETOOTH device connected with this system, the communications environment, or surrounding conditions

characteristics or specifications of the BLUETOOTH device

latest supported versions of the compatible

Amplifier section **AUDIO POWER SPECIFICATIONS** POWER OUTPUT AND TOTAL HARMONIC

(The United States model only) With 8 ohm loads, both channels driven, from 120 - 10,000 Hz; rated 12 watts per channel minimum RMS power, with no more than 0.7% total harmonic distortion from 250 milliwatts to rated output.

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

Inputs/Outputs AUDIO IN (external input) jack: Stereo mini jack, sensitivity 700 mV, impedance 47 kilohms

CD-DA/MP3 player section System: Compact disc and digital audio system Laser Diode Properties **Emission Duration: Continuous** Laser Output*: Less than 44.6 µW

Frequency response: 20 Hz - 20 kHz

Speaker section Speaker system:

75 ohms unbalanced

Antenna terminals

Passive radiator Rated impedance: 8 ohms BLUETOOTH section Communication system

Maximum communication range: Line of sight approx. 10 m*1 Frequency band:

FHSS Compatible BLUETOOTH profiles*2:

20 Hz – 20,000 Hz (with 44.1 kHz sampling)

software application, etc. ²BLUETOOTH standard profiles indicate the purpose of BLUETOOTH communication

static electricity, reception sensitivity,

¹The actual range will vary depending on

factors such as obstacles between devices,

magnetic fields around a microwave oven.

antenna's performance, operating system,

Power consumption: 24 watts Dimensions (W/H/D) (incl. projecting parts): Approx. 385 mm × 178 mm × 81 mm Mass: Approx. 2.7 kg

Supplied accessories: Remote (RM-AMU197) (1) CR2025 lithium battery (1), AC power cord (1), FM lead antenna (1), Operating Instructions (this manual) (1)

Networked Standby mode:3 W (all wireless network ports

Compatible devices and versions BLUETOOTH devices and wireless LAN (IEEE 802.11b/g) use the same frequency band (2.4) GHz). When using your BLUETOOTH device

Effects of other devices

electromagnetic interference may occur. This could result in lower data transfer rates, noise or inability to connect. If this happens, try the between devices. -Try connecting this system and BLUETOOTH General mobile phone or BLUETOOTH device when Power requirements you are at least 10 meters away from the AC 120 V, 60 Hz

Design and specifications are subject to change without notice

Standby power consumption: 0.5 W (all wireless network

latest supported versions of the compatible

following remedies: For customers in Canada nttp://esupport.sony.com/CA

0

0

0

0

0

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0

0

0

0

0 Effects on other devices The radio waves broadcast by this system may 0 interfere with the operation of some medical 0 devices. Since this interference may result in malfunction, always turn off the power on 0 this system, BLUETOOTH mobile phone and 0 BLUETOOTH device in the following locations iPad mini with Retina display* 0 In hospitals, on trains, and in airplanes iPad (4th generation)* 0

or other loss resulting from information leaks during communication using BLUETOOTH technology. BLUETOOTH communication is not necessarily guaranteed

make it impossible to connect, or may result in different control methods, display or operation. 3GS, iPod touch (5th generation), iPod touch (4th

Specifications

DISTORTION

RMS power output (reference): 20 watts + 20 watts (per channel at 8 ohms, 1 kHz)

USB port: Type A, 5 V DC 1.5 A

*This output is the value measurement at a distance of 200mm from the objective lens

surface on the Optical Pick-up Block with 7mm

Signal-to-noise ratio: More than 90 dB Dynamic range: More than 90 dB

Tuner section

aperture.

FM tuner section FM stereo, FM superheterodyne tuner Tuning range: 87.5 MHz – 108.0 MHz (100 kHz Antenna: FM lead antenna

Full-range speaker

BLUETOOTH Standard version 3.0 **BLUETOOTH Standard Power Class 2**

2.4 GHz band (2.4000 GHz - 2.4835 GHz) Modulation method:

A2DP (Advanced Audio Distribution Profile) AVRCP (Audio Video Remote Control Profile)

Supported content protection method: SCMS-T method Supported codec: SBC (Sub Band Codec), AAC, aptX

Transmission bandwidth