®R∙D∙S

Micro HI-FI Component System

GB Operating Instructions



4-278-003-**12** (1)

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waste handling of this product. The recycling of materials

will help to conserve natural resources. For more detailed

Disposal of waste batteries

countries with separate

This symbol on the battery or on the packaging indicates

that the battery provided with this product shall not be

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

By ensuring these batteries are disposed of correctly,

for the environment and human health which could

battery contains more than 0.0005% mercury or 0.004%

you will help prevent potentially negative consequences

otherwise be caused by inappropriate waste handling of

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

For all other batteries, please view the section on how

battery over to the applicable collection point for the

For more detailed information about recycling of this

A DualDisc is a two sided disc product which mates

audio material on the other side. However, since the

audio material side does not conform to the Compact

This product is designed to playback discs that conform

to the Compact Disc (CD) standard. Recently, various

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

•iPhone, iPod, iPod classic, iPod nano, and iPod touch

•MPEG Layer-3 audio coding technology and patents

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property rights of Microsoft Corporation. Use or

is prohibited without a license from Microsoft or an

• All other trademarks and registered trademarks are of

their respective holders. In this manual, ™ and ® marks

distribution of such technology outside of this product

• This product is protected by certain intellectual

licensed from Fraunhofer IIS and Thomson.

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authorized Microsoft subsidiary.

are trademarks of Apple Inc., registered in the U.S. and

Disc (CD) standard, playback on this product is not

Music discs encoded with copyright

music discs encoded with copyright protection

License and Trademark Notice

protection technologies

playable by this product.

other countries.

are not specified.

DVD recorded material on one side with digital

product or battery, please contact your local Civic Office,

your household waste disposal service or the shop where

to remove the battery from the product safely. Hand the

the battery. The recycling of the materials will help to

collection systems)

(applicable in the European **Union and other European**

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

treated as household waste.

conserve natural resources.

electrical and electronic equipment.

recycling of waste batteries.

you purchased the product.

Note on DualDiscs

guaranteed.

CMT-CX5iP

http://www.sony.net/





WARNING

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

To reduce the risk of fire or electric shock, do not expose this apparatus to dripping or splashing, and do not place objects filled with liquids, such as vases, on the apparatus. Do not install the appliance in a confined space, such as a bookcase or built-in cabinet

As the main plug 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 main unit.

WARNING

To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions

CAUTION

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



This appliance is classified as a CLASS 1 LASER product. This marking s located on the bottom exterior of the main unit. The unit is equipped with three ferrite cores for the

speaker cords and power cord Do not remove the ferrite cores. Doing so may cause EMI (Electro Magnetic Interference) interference. (except for Bahrain, Jordan, Lebanon, and the United Arab

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

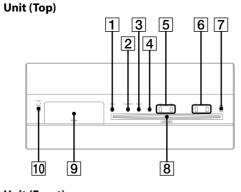
airectives. The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the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



Disposal of Old Electrical & **Electronic Equipment** (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate

Location of Controls



Getting Started

Α

To use the iPod/iPhone

Installations

Push up the panel **9** and insert a Dock Adapter into the

Dock before using. When using an iPod model, use the

Dock Adapter supplied with your iPod. When using an

iPhone model, use the Dock Adapter supplied with the

system. For details on the Dock Adapters, refer to the

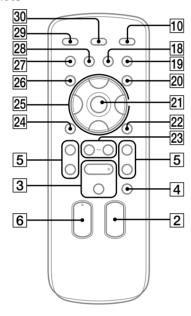
Attaching the stand to the system

instructions supplied with the Dock Adapters.

В

Connector

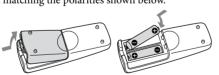
Unit (Front)



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

To use the remote

Slide and remove the battery compartment lid, and insert the two R6 (size AA) batteries (not supplied), \bigcirc side first, matching the polarities shown below



Notes on using the remote

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

To remove the stand from the system While holding down bottom of the stand, pull up the tabs

of the stand from the unit.

tabs of the stand into the grooved section.

1 Insert the tabs of the stand into the grooved section

2 While holding down bottom of the stand, insert the

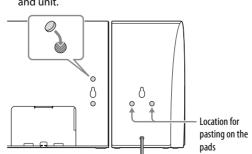
Hanging the system on a wall

You can install the system on a wall. Before installing,

Make sure that the power cord is disconnected from the wall outlet

before installing the system Use screws that are suitable for the wall material and strength Contact a screw shop or professional installer regarding the

- installation, wall material, or screws. Insufficient wall strength or use of inappropriate screws may cause
- the system to fall and be damaged and may result in personal injury.
- 1 Attach the supplied pads to the rear of the speakers and unit.



2 Prepare screws (not supplied) that are suitable for the holes on the back of the unit and speakers. See

A FM lead antenna (Extend it

(right)

© Speaker cord (left)

(D) To AC Adapter

When not using an iPod/iPhone, keep the panel closed.

fingernail or a flat object using the slot inside the adapter.

To remove the Dock Adapter, pull it up with your

About Dock Adapters for iPhone models

Apple Inc.

12: For iPhone

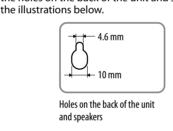
19: For iPhone 4

(5): For iPhone 3G and iPhone 3GS

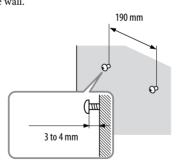
The adapter number is shown on the bottom of Dock

For iPod models, use the Dock Adapter supplied with

your iPod, or purchase a compatible dock adapter from



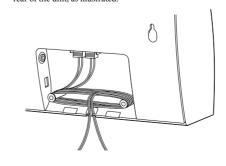
3 Fasten the screws to the wall. The commercially available screws should protrude 3 to 4 mm. Install the system on a vertical and flat reinforced area of the wall.



• When installing the speakers and unit close together, fasten the

screws to the wall according to the ∇ marks on the lower side, as illustrated in this manual.

- The distance between the screw of the unit and a speaker is 90 mm minimum. To install the system leaving space bet the unit and speakers, adjust the length of the speaker cord $\,$
- You can wrap the speaker cord around the protruding on the rear of the unit, as illustrated.



4 Hang the system onto the screws.

A FM antenna

B Speakers

the unit.

C Power

To set the clock

(enter) 21.

Find a location and an orientation that provide good

Keep the antennas away from the speaker cords and the

Connect the speaker cords to the SPEAKERS jacks on

2 Connect the AC adapter to the unit, and then plug

The demonstration appears on the display. When you press 1/0 10, the system turns on and the

demonstration automatically ends. When you turn off

the system, the demonstration appears again on the

When you set the clock, the system goes to Power

Saving mode and the demonstration is canceled.

2 Press TIMER MENU 20 to select the clock set mode.

If "PLAY SET?" flashes, press ♠/♥ 25 repeatedly to

3 Press ◆/◆ 25 repeatedly to set the hour, then press

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

4 Use the same procedure to set the minutes.

To display the clock when the system is off

Press DISPLAY 30. The clock is displayed for about

select "CLOCK SET?," and then press (+) (enter) 21.

1 Connect the power cord to the AC adapter.

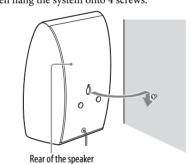
the power cord in to a wall outlet

1 Press I/ (10) to turn on the system.

reception, and then set up the antenna.

power cord to avoid picking up noise.

Align the holes the back of the system to the screws, then hang the system onto 4 screws.



• Make sure the screws are properly aligned, with their heads evenly protruding enough to engage the holes on the back of the unit and ${}^{\bullet}\textsc{Be}$ aware that if a person or object happens to hit the system hanging

- on a wall, it may fall. • Do not hang or put anything on the system hanging on a wall. • Depending on the materials of the wall, heat from the system or dust
- may cause peeling or discoloration of wallpaper. • Sony is not responsible for accidents or damage caused by improper
- installation, insufficient wall strength or improper screw installation, natural calamity, etc.

To enjoy better sound quality

You can get better sound quality with optimal location of the speakers.

For better sound quality, install the system according to the reference below.

- It is better to arrange left-right placement of the speakers according to the usual orientation of the listener in the room
- Speakers are better installed at usual ear level in a room.

Operations

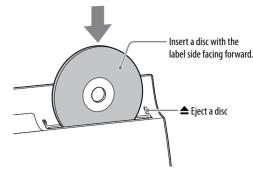
Playing a CD/MP3 disc

1 Select the CD function.

Press FUNCTION +/— 2 repeatedly.

2 Insert a disc.

Insert a disc in the disc slot with the label side facing forward



3 Start playback. Press \blacktriangleright (play) $\boxed{3}$.

• When you turn on the system, the disc is not pulled into the disc slot until "No Disc" appears in the display. Do not attempt to push in the disc until "No Disc" appears.

• 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 **≜** (eject) 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.
- 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 push a disc into the disc slot when the system is off. Doing so
- may cause the system to malfunction • Do not insert an 8 cm disc with an adapter. Doing so may cause the

Other operations

То	Press
Pause playback	II (pause) 3. To resume play, press
	the button again.
Stop playback	■ (stop) 4 .
Select a folder on	\square (select folder) +/ \square 23
an MP3 disc	repeatedly.
Select a track or	I◀◀ (go back)/▶►I (go forward)
file	5.
Find a point in a	Hold down ◄ (rewind)/▶▶ (fast
track or file	forward) 5 during playback, and
	release the button at the desired
	point.
Select Repeat Play	REPEAT 28 repeatedly until "REP"
	or "REP1" appears.
Eject a disc	△ on the unit 7 .

To change the play mode

Press PLAY MODE 27 repeatedly while the player is stopped. You can select Normal Play mode (" for all MP3 files in the folder on the disc), Shuffle Play mode ("SHUF" or " SHUF*" for folder shuffle), or Program Play mode ("PGM").

* When playing a CD-DA (audio) disc, 🛅 (SHUF) Play performs the same operation as normal (SHUF) Pla

Note on Repeat Play

"REP1" indicates that a single track or file is repeated until you stop

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 " SHUF," the system shuffle-plays all tracks or files in selected folder. • When you turn off the system, the selected Shuffle Play mode

("SHUF") or " SHUF") is cleared and the play mode returns to Normal 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.
- MP3 files are played back in the order that they are recorded onto
- The system can only play MP3 files that have a file extension of
- Even when file name has the ".mp3" file extension, if the actual file differs, playing this file may generate a loud noise which could
- -folders is 255 (including the root folder).

• The maximum number of:

- -MP3 files is 511. -MP3 files and folders that can be contained on a single disc is 512.
- —folder levels (the tree structure of files) is 8. • Compatibility with all MP3 encoding/writing software, recording device, and recording media cannot be guaranteed. Incompatible MP3 discs may produce noise or interrupted audio or may not play

Notes on playing multisession discs • If the first session on the disc is a CD-DA session, the other sessions

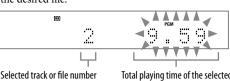
on the disc cannot be recognized regardless of the session format; only CD-DA tracks in the first session can be played back. • If the session format for the first session is CD-ROM and the

following sessions are recorded in the same format, the system will continue to play back MP3 files accordingly in multiple sessions until the system encounters another session recorded in a different

Creating your own program (Program Play)

- 1 Select the CD function. Press FUNCTION +/— 2 repeatedly.
- 2 Select the play mode. Press PLAY MODE 27 repeatedly until "PGM"
- appears while the player is stopped. 3 Select the desired track or file number. Press | 5 repeatedly until the desired track

or file number appears. When programming audio files, press +/- 23 repeatedly to select the desired folder, and then select the desired file.



track or file 4 Program the selected track or file. Press (+) 21 to enter the selected track or file.

5 Repeat steps 3 through 4 to program additional tracks or files, up to a total of 25 tracks or files.

6 To play your program of tracks or files, press **► 3**. The program remains available until you remove the disc from the disc slot **8** or unplug the power cord. To play the same program again, press \triangleright **3**.

To cancel Program Play

Press PLAY MODE 27 repeatedly until "PGM" disappears while the player is stopped.

To delete the last track or file of the program Press CLEAR 18 while the player is stopped.

To view program information Press DISPLAY 30 repeatedly.

Listening to the radio 1 Select the TUNER function.

- Press FUNCTION +/— 2 repeatedly.
- Perform tuning.

For automatic scanning Press TUNING MODE 27 repeatedly until "AUTO"

appears, and then press ± -5 . Scanning stops automatically when a station is tuned in, and "TUNED" and "STEREO" (for stereo programs only) light up in the display.

87.50 _{MHz}

If "TUNED" does not light up and the scanning for an FM station does not stop, press **4** to stop scanning, then perform manual tuning (below). When you tune in an FM station that provides RDS services, information such as the service name or station name is provided by broadcasts.

For manual tuning

Press TUNING MODE 27 repeatedly until "AUTO" and "PRESET" disappear, and then press +/- 5 repeatedly to tune in the desired station.

To reduce static noise on a weak FM stereo station, press FM MODE 28 repeatedly until "MONO" appears to turn off stereo reception

Presetting radio stations

1 Tune in the desired station.

2 Press TUNER MEMORY 26 to select the tuner



3 Press +/- 5 repeatedly to select the desired preset If another station is already assigned to the selected

preset number, the station is replaced by the new

4 Press

21 to store the station.

5 Repeat steps 1 through 4 to store other stations. You can preset up to 20 FM stations. **6** To call up a preset radio station, press TUNING

MODE 27 repeatedly until "PRESET" appears, and then press +/- 5 repeatedly to select the desired preset number.

(Center) Left Speaker Main unit Right Speaker

Playing the iPod/iPhone

- 1 Select the iPod function.
- 3 Start playback.
- Press

 3.

To control the iPod/iPhone

То	Press
Pause playback	II (pause) 3 / ■ (stop) 4 .
Select a track or chapter of audiobook/	Idd (go back)/▶►I (go forward)5. To fast-forward or fast-rewind hold down the button.
podcast	
Find a point in a track or chapter of audiobook/ podcast	Hold down ◀◀ (rewind)/▶▶ (fas forward) ⑤ during playback, and release the button at the desired point.
Choose the selected item	(enter) 21.
Scroll up/down the iPod menus	♠ /♥ 25.
Return to the previous menu or select a menu	TOOL MENU 22/RETURN (return) 24.

To use the system as a battery charger

You can use the system as a battery charger for an iPod/ iPhone whether the system is on or off.

The charging begins when the iPod/iPhone is placed on the iPod/iPhone connector **9**. The charge status appears in the iPod/iPhone display. When charging the iPod/ iPhone, place the iPod/iPhone on the connector with the iPod/iPhone player stopped.

For details, see the user's guide of your iPod/iPhone.

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

Notes on charging an iPod/iPhone

• When a USB function is selected while the system is on, you cannot charge an iPod/iPhone.

- If the display mode is Demonstration or Clock, you cannot charge an iPod/iPhone even if the system is off.
- If charging an iPod/iPhone when the system is off, after charging is complete the system automatically enters Power Saving mode. The
- naximum charging time while the system is off is about 4 hours. • If you press DISPLAY 30 while charging when the system is off,
- the system stops charging an iPod/iPhone. To restart charging of an iPod/iPhone, reconnect the iPod/iPhone when the display mode is Power Saving mode.

\bullet If the battery of the iPod/iPhone is empty, the system may not

recognize it. In such a case, recharge it with a computer, etc. then connect it to the system.

- The performance of the system may be vary, depending on the specifications of your iPod/iPhone.
- When placing or removing the iPod/iPhone, handle the iPod/iPhone in the same angle as that of the iPod/iPhone connector on the unit and do not twist or sway the iPod/iPhone to prevent connector
- Do not carry the unit with an iPod/iPhone set on the connector. Doing so may cause a malfunction.
- When placing or removing the iPod/iPhone, brace the unit with one hand and take care not to press the controls of the iPod/iPhone by
- Before disconnecting the iPod/iPhone, pause playback
- Hold down ◄◄/▶▶ 5 to fast-forward (fast-rewind) while playing video if ◄◄/▶▶ 5 does not function. • When the iPhone is connected to the system and you receive a call
- during playback, playback will pause and you can take an incoming \bullet To change the volume level, use VOLUME +/- $\boxed{\mathbf{6}}$. The volume level
- does not change if you adjust it on the iPod/iPhone. • This system is designed for iPod/iPhone only. You cannot connect any other portable audio players.
- To use an iPod/iPhone, refer to the user's guide of your iPod/iPhone. • Sony cannot accept responsibility in the event that data recorded to iPod/iPhone is lost or damaged when using an iPod/iPhone with

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

- 1 Select the USB function.
- Press FUNCTION +/— 2 repeatedly.
- 2 Connect the USB device to the ← (USB) port 15.
- **3** Start playback. Press \triangleright 3.

Other operations

То	Press
Pause playback	■ (pause) 3. To resume play, press
	the button again.
Stop playback	■ (stop) 4. To resume play, press
	play, press ■ 4 again*2.
Select a folder	\Box +/ $-$ 23 repeatedly.
Select a file	I◀◀ (go back)/▶▶I (go forward)
	5.
Find a point in	Hold down ◀◀ (rewind)/▶▶ (fast

Select Repeat Play REPEAT 28 repeatedly until "REP"

*1 When playing a VBR MP3/WMA file, the system may resume

or "REP1" appears.

forward) 5 during playback, and

release the button at the desired

Press FUNCTION +/- 2 repeatedly. **2** Place the iPod/iPhone.

To change the play mode

playback from a different point

*2 Resume play returns to the top folder

Press PLAY MODE 27 repeatedly. You can select Normal Play mode (playback in sequence of all files on the USB device), Folder Play mode ("a" for all files in the specified folder on the USB device), or Shuffle Play mode

Notes on the play mode • When you select Shuffle Play mode "SHUF," the system shuffle-plays

- all audio files in the connected USB device in random order. Shuffle Play mode may play the same file repeatedly. • When the play mode is set to Folder Play mode, "REP1" is not
- ${}^{\bullet}$ When the play mode is set to Shuffle Play mode, the repeat function
- When repeat play is set, Shuffle Play mode is not available. When repeat play is set to "REP1," Folder Play mode is not available. • When you turn off the system, the selected Shuffle Play mode ("SHUF") is cleared and the play mode returns to Normal Play

Note on Repeat play If you select "REP" 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 "REP" 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.

- When USB cable connection is necessary, connect the USB cable supplied with the USB device to be connected. See the operation manual supplied with the USB device to be connected for details on
- It may take about 10 seconds before "Reading" appears depending
- on the type of USB device connected. • Do not connect the system and 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
- following cases;
- -when the total number of audio files in a folder exceeds 100. -when the total number of audio files on a USB device exceeds
- Do not save other types of files or unnecessary folders on a USB
- 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.
- -WMA: file extension ".wma

To use the system as a battery charger

system is on.

Press FUNCTION +/— 2 repeatedly to select the USB

The charging begins when the USB device is connected to the \leftarrow (USB) port $\boxed{15}$. The charge status appears in the USB device display. For details, see the user's guide of your USB device.

Using optional audio components

1 Prepare the sound source.

Connect additional audio component to the AUDIO IN jack [16] on the unit using an audio analog cord (not supplied).

2 Turn down the volume. Press VOLUME – 6.

3 Select the AUDIO IN function.

Press FUNCTION +/- 2 repeatedly. 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 component's volume accordingly. See "To turn off the Automatic Standby function."

Adjusting the sound

o	Press
Adjust the volume	VOLUME +/— 6 .
Generate a more lynamic sound	DSGX 1 on the unit.
Dynamic Sound	
Generator X-tra)	
et the sound	EQ 19 repeatedly to select "BASS"
ffect	or "TREBLE," and then press ◆/◆
	25 to adjust the level.

То	Press
Change	DISPLAY 30 repeatedly when the
information on	system is on.
the display1)	
Change Display	DISPLAY 30 repeatedly when the
mode (see below.)	system is off.2)

- 1) For example, you can view CD/MP3 disc information or the USB

- interrupted sound, or may not be played back at all.
- This system cannot play audio files on the USB device in the
- -when the total number of folders on a USB device exceeds 100
- (including the "ROOT" folder and empty folders). These numbers may vary depending on the file and folder structure
- device that has audio files.
- Folders that have no audio files are skipped. The audio formats that you can listen to with this system are as
- -MP3: file extension ".mp3"
- Note that even when file name has the correct file extension, if the
- actual file differs, the system may produce noise or may malfunction

You can use the system as a battery charger for USB devices that have a rechargeable function when the

timers, the Sleep Timer has priority.

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

Play Timer: You can wake up to CD, FM reception, iPod/iPhone or

1 Prepare the sound source.

Prepare the sound source, and then press VOLUME +/- **6** to adjust the volume.

your own program.

Press TIMER MENU 20. **3** Set the play timer.

4 Set the time to start playback.

to stop playback.

source appears, then press \oplus 21.

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

the system turns on until the playback starts.

- 1 Press TIMER MENU 20.

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

then press (+) 21

To cancel the timer

Repeat the same procedure as above until "TIMER OFF?" appears in step 3, and then press \oplus 21.

	Press
just the volume	VOLUME +/— 6 .
nerate a more	DSGX 1 on the unit.
namic sound	
ynamic Sound	
nerator X-tra)	
the sound	EQ 19 repeatedly to select "BASS"
ect	or "TREBLE," and then press ◆/◆
	05 4 1:1

Changing the display

То	Press
Change	DISPLAY 30 repeatedly when the
information on	system is on.
the display1)	
Change Display	DISPLAY 30 repeatedly when the
mode (see below.)	system is off.2)

- device information, such as;
- -track or file number
- -track or file name ("□") —artist name ("♥")
- -album or folder name ("") -total playing time and total number of tracks on the CD-DA
- disc (only when Normal Play mode is selected and the player is -total number of folders (albums) on the MP3 disc (only when
- Normal Play mode is selected and the player is stopped). -volume label if it exists on the MP3 disc (only when Normal Play mode is selected and the player is stopped).

 $^{2)}$ The STANDBY indicator $\boxed{12}$ on the unit lights up when the system is off. The system offers the following display modes.

Display mode	When the system is off1)
Demonstration	The demonstration is turned on.
Power Saving mode ²⁾	The display is turned off to conserve power. The timer and clock continue to operate.
Clock ³⁾	The clock is displayed.

 $^{1)}$ The STANDBY indicator $\boxed{12}$ on the unit lights up when the system is off.

2) You cannot set the clock in Power Saving mode 3) The clock display automatically turns to Power Saving mode after 8

- Notes on the display information • Characters that cannot be displayed appear as "_". The following are not displayed;
- -total playing time for an MP3 disc and a USB device. -remaining playing time, except in the case of CDDA. The following are not displayed correctly;
- -elapsed playing time of an MP3 file encoded using VBR (variable
- -folder and file names that do not follow either the ISO9660 Level 1, Level 2 or Joliet in the expansion format. • The following are displayed:
- -remaining playing time for a CDDA disc track. -ID3 tag information for MP3 files when ID3 version 1 and version 2 tags are used (ID3 version 2 tag information display has priority when both ID3 version 1 and version 2 tags are used for a

Using the timers

The system offers 2 timer functions. If you use both

the clock is not set Press SLEEP 29 repeatedly.

USB device at a preset time. Make sure you have set the clock.

To start from a specific CD track or audio file, create

2 Select the timer set mode.

Press ♠/♣ 25 repeatedly to select "PLAY SET?," then

Press ♠/♣ 25 repeatedly to set the hour, then press ⊕ 21. Use the procedure above to set the minutes. **5** Use the same procedure as in step 4 to set the time

6 Select the sound source.

Press ♠/♣ 25 repeatedly until the desired sound

7 Turn off the system. Press 1/ 10. The system automatically turns on

To check the setting

- 2 Press ◆/▼ 25 repeatedly to select "TIMER SEL?," and then press (+) 21
- 3 Press ♠/♥ 25 repeatedly to select "PLAY SEL?," and

To change the setting

Start over from step 1

If you select a USB device as a timer and have many files or folders on that device, it takes time for read processing, causing a slight delay before start of play in response to the time

Notes for the iPod/iPhone user • Make sure the iPod/iPhone is not playing when using the Play

 ${}^{\bullet}\text{The Play Timer may not be activated depending on the status of the}$

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

Troubleshooting

1 Make sure the power cord and speaker cords are correctly and firmly connected **2** Find your problem in the checklist below, and take

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

If the STANDBY indicator flashes Immediately unplug the power cord, and check the following items

• Are the + and — speaker cords short-circuited?

• Is anything blocking the ventilation holes of the system? • Is the iPod/iPhone connector **9** short-circuited? After the STANDBY indicator 12 stops flashing,

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

the issue persists, contact your nearest Sony dealer.

General

The demonstration appears in the display after plugging in the power cord even though the system is not turned on

• Press DISPLAY 30 once while the system is off. The demonstration disappears.

• Is the power cord plugged in? The system has entered Standby mode

The system does not turn on.

unexpectedly. • This is not a malfunction. The system enters Standby mode automatically in about 30 minutes when there is no operation or audio signal output. See "To turn off

the Automatic Standby function. The clock setting or the Play Timer operation

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

There is no sound.

• Are the + and — speaker cords short-circuited? • Are you using only the supplied speakers?

• Is anything blocking the ventilation holes of the system?

• The specified station may have temporarily stopped

Sound comes from one channel, or the left and right volumes are unbalanced.

• Place the speakers as symmetrically as possible. Connect only the supplied speakers.

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

The remote does not function. • Remove any obstacles between the remote and the remote sensor 17 on the unit, and position the unit

- away from fluorescent lights Point the remote at the system's sensor. Move the remote closer to the system.
- The STANDBY indicator 12 remains lit after unplugging the power cord. • The STANDBY indicator 12 may not turn off immediately after unplugging the power cord. The indicator will turn off after about 40 seconds. This is not

The sound skips, or the disc will not play.

Move the speakers away from the system, or place them

• Wipe the disc clean, and replace it. • Move the system to a location away from vibration (for

example, on top of a stable stand).

CD/MP3 player

start playback;

on separate stands. At high volume, speaker vibration may cause the sound to skip. Play does not start from the first track. \bullet Return to normal play by pressing PLAY MODE $\boxed{27}$

repeatedly until both "PGM" and "SHUF" disappear. Starting playback takes more time than usual.

-a disc that has not been finalized (a disc to which data can be added).

-a disc recorded with a complicated tree structure.

-a disc recorded in multisession mode.

-a disc that has many folders.

• The following discs can increase the time it takes to

There is no sound. Make sure the iPod/iPhone is connected securely.

• Make sure the iPod/iPhone is updated with the latest

Make sure the iPod/iPhone is connected securely.

• Set the "EQ" setting of the iPod/iPhone to "Off" or

• If the battery of the iPod/iPhone is empty, it may not

• Shut down any other iOS applications running on the

Make sure the iPod/iPhone is connected securely.

Because the operation of the system and the iPod/

iPhone are different, you may not operate the iPod/

iPhone using buttons on the remote or unit. In this

• If the battery of the iPod/iPhone is empty, the system

Make sure the iPod/iPhone is connected securely.

may not be able to charge it even if you connect it to the

system. In such a case, recharge it with a computer, etc.

• When charging an iPod/iPhone when the system is off

Make sure the system is not in USB function mode. An

iPod/iPhone cannot be charged in USB function mode.

• You cannot charge the iPod/iPhone even if you connect

the USB cable supplied with your iPod/iPhone to the

The ring volume of the iPhone does not

The connected iPod/iPhone or USB device is

not being charged, when both are connected at

• You cannot charge an iPod/iPhone and the USB device

at the same time. Select the USB function to charge a

following problems may occur. Check the information

-File or folder names are not displayed on this system.

• The USB device is not connected correctly. Turn off the

There is noise, skipping, or distorted sound.

• Turn off the system, then reconnect the USB device.

• The music data itself contains noise, or the sound is

music data due to the conditions of the computer.

distorted. Noise may have been entered when creating

• 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

-There are many folders or files on the USB device.

• Send the music data to the USB device again, as the

• The character codes that can be displayed by this

system are numbers and alphabets only. Other

data stored in the USB device may have been corrupted.

• Turn off the system and reconnect the USB device, then

it takes a long time before playback starts.

The reading process can take a long time in the

The file structure is extremely complex.

The memory capacity is excessive.

-The internal memory is fragmented.

characters are not displayed correctly.

The USB device is not recognized.

"Playing a file of the USB device."

"Playing a file of the USB device."

Press ➤ 3 to start playback.

Check the information on the websites about

Check the information on the websites about

compatible USB devices with URLs listed under

compatible USB devices with URLs listed under

• The USB device does not work properly. Refer to the

USB device operation manual for how to deal with this

• Turn off the system and reconnect the USB device, then

on the websites about compatible USB devices with

URLs listed under "Playing a file of the USB device."

Are you using a supported USB device?

The USB device is not recognized.

Playback is not possible.

A distorted sound is output.

Create the music data again.

following cases.

Erroneous display

turn on the system.

Play does not start.

turn on the system.

problem.

system, then reconnect the USB device.

—The sound skips.

There is no sound.

-There is noise.

• If you connect an unsupported USB device, the

 \bullet Adjust the ring volume on the iPhone.

(Standby mode), the system does not perform charging

case, use the control buttons on the iPod/iPhone.

The iPod/iPhone cannot be charged.

then connect it to the system.

if the iPod/iPhone is fully charged.

USB connector on the system

USB device

the same time.

USB device.

• Make sure the iPod/iPhone is updated with the latest

software. If not, update the iPod/iPhone before using

iPod/iPhone. For details, refer to the operation manual

work with this system. In such a case, recharge it with a

The iPod/iPhone does not function.

supplied with the iPod/iPhone.

with the system

computer, etc. then connect it to the system.

software. If not, update the iPod/iPhone before using

Make sure the iPod/iPhone is playing music.

iPod/iPhone

with the system.

Adjust the volume.

The sound is distorted.

• Turn down the volume

Files cannot be played back.

• If you use a partitioned USB storage device, only files

• Files that are encrypted or protected by passwords, etc.

This system supports FAT16 and FAT32, but some USB storage

devices may not support all of these FAT. For details, see the

operation manual of each USB storage device or contact the

Severe hum or noise, or stations cannot be

received. ("TUNED" or "STEREO" flashes on the

• Find a location and an orientation that provide good

• Keep the antennas away from the speaker cords and the

reception, and then set up the antenna again.

To reset the system to factory settings

If the system still does not operate properly, reset the

Use buttons on the unit to reset the unit to its factory

1 Disconnect and reconnect the power cord, and then

2 Press and hold ■ 4 and FUNCTION 2 on the unit

All user-configured settings, such as preset radio

To turn off the Automatic Standby function

function. With this function, the system enters Standby

mode automatically in about 30 minutes when there is no

By default, the Automatic Standby function is turned on.

Hold down $1/\bigcirc$ 10 while the system is on, until

To turn on the function, repeat the procedure until

• "AUTO STBY" appears in the display for 2 minutes before the

• The Automatic Standby function is invalid for the tuner function

• The system may not enter Standby mode automatically in the

-while the preset Play Timer or Sleep Timer is in process.

CD Over: You have reached the end of the disc while

Error: The USB device could not be recognized or an

LOCKED: The disc slot does not work. Contact your

No Disc: There is no disc in the player, or you have

No Step : All of the programmed tracks have been

No Memory : The memory media is not inserted in the

No Track : Playable file on the USB device is not loaded

Not in Use: You tried to perform a specific operation

Push STOP!: You pressed PLAY MODE **27** during

playback in the CD function

under conditions where that operation is prohibited.

Not Supported : An unsupported USB device or iPod is

connected or the iPod/iPhone whose battery is empty

Step Full!: You tried to program more than 25 tracks or

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

pressing **>> 5** during playback or pause.

unknown device is connected.

loaded a disc that cannot be played.

nearest Sony dealer.

USB device

in the system.

the same time.

This system is equipped with an Automatic Standby

Use buttons on the unit to turn off the Automatic

stations, timer, and the clock, are deleted.

power cord to avoid picking up noise.

• Turn off nearby electrical equipment.

• The audio file does not have the extension ".mp3,"

than FAT16 or FAT32 are unsupported.*

on the first partition can be played.

cannot be played back.

• Connect the antenna properly.

system to factory settings

turn on the system

for 3 seconds or longer

operation or audio signal output.

"AUTO STBY OFF" appears.

"AUTO STBY ON" appears.

(FM), even when you have enabled it.

-while an audio signal is being detected.

-during playback of audio tracks or files.

system enters Standby mode.

Standby function

default settings

manufacturer

Tuner

display.)

Set the play mode to Normal Play mode.

Play does not start from the first track.

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

• The data is not stored in MP3/WMA/AAC format. • USB storage devices formatted with file systems other

Precautions

Discs that this system CANNOT play

Discs that this system CAN 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 multisession that have not
- ended by "closing 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 recording device
- CD-R/CD-RW which is finalized incorrectly • Discs containing files other than MPEG 1 Audio Layer-

• Rental or used discs with attached seals where the glue

3 (MP3) files \bullet Discs of non-standard shape (for example, heart, square, star)

to them

when touched

direct sunlight.

service facility.

- Discs that have adhesive tape, paper, or sticker attached
- extends beyond the seal Discs that have labels printed using ink that feels tacky - iPod touch 4th generation

- iPod touch 2nd generation

- **Notes on discs** • Before playing, wipe the disc with a cleaning cloth from the center out to the edge
- Do not clean discs with solvents, such as benzine. thinner, or commercially available cleaners or anti-

static spray intended for vinyl LPs. • Do not expose discs to direct sunlight or heat sources

such as hot air ducts, nor leave it in a car parked in "Made for iPod," and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone, respectively, and has been certified by the developer to meet Apple performance standards. Apple

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

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

 Should any solid object or liquid get into the system, unplug the system, and have it checked by qualified personnel before operating it again. • The AC power cord can be changed only by a qualified

• 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 unit or speakers on surfaces that have been specially treated (for example,
- 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

Heat buildup on the unit during operation is normal

with wax, oil, polish) as staining or discoloration of the

about an hour until the moisture evaporates.

On heat buildup

have become hot.

and is not cause for alarm. • Do not touch the cabinet if it has been used continuously at a high volume because the cabinet may

• Do not obstruct the ventilation holes.

On the speaker system This speaker system is not magnetically shielded, and No Device: No USB device is connected or the the picture on nearby TV sets may become magnetically connected USB device has been stopped. distorted. In this situation, turn off the TV, wait 15 to

30 minutes, and turn it back on.

from the TV. Cleaning the cabinet

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

If there is no improvement, move the speakers far away

Specifications

European, Russian, and Israel models:

- Power output (rated): 15 watts + 15 watts (8 ohms at 1 kHz, 1 % THD) Music power output (reference): 20 watts + 20 watts (8 ohms at 1 kHz. 10 %
- Other models: Power output (rated): 15 watts + 15 watts (8 ohms at 1 kHz, 1 % THD) Continuous RMS power output (reference): 20 watts + 20 watts (8 ohms at 1 kHz, 10 % THD)
- AUDIO IN (stereo mini jack): Sensitivity 700 mV, impedance 47 kilohms

SPEAKERS: Accepts impedance of 8 ohms **CD player section**

System: Compact disc and digital audio system Laser Diode Properties

Emission Duration: Cont

Laser Output*: Less than 44.6uW

This output is the value measu t at a distance of 200mm from the objective lens surface on the Optical Pick-up Block with 7mm aperture.

Dynamic range: More than 90 dB Tuner section

FM stereo, FM superheterodyne tune Tuning range: 87.5 MHz — 108.0 MHz (50 kHz step)

Frequency response: 20 Hz - 20 kHz

- iPod/iPhone section
- iPod touch 3rd generation
- iPod touch 1st generation
- iPod nano 6th generation - iPod nano 5th generation (video camera)
- iPod nano 4th generation (video) - iPod nano 3rd generation (video)
- iPod nano 2nd generation (aluminum - iPhone 4 - iPhone 3GS

is not responsible for the operation of this device or its compliance with safet and regulatory standards. Please note that the use of this accessory with iPod

- iPhone 3G

iPhone

or iPhone may affect wireless performance. Supported bit rate

MP3 (MPEG 1 Audio Layer-3): 32 kbps — 320 kbps, VBR

- WMA: 48 kbps 192 kbps, VBR AAC: 48 kbps 320 kbps Sampling frequencies: MP3 (MPEG 1 Audio Layer-3): 32/44.1/48 kHz
- WMA: 44.1 kHz AAC: 44.1 kHz (USB) port: Type A, maximum current 500 mA
- Speaker system: 2 way speaker system, Bass reflex peaker units: Woofer 80 mm, cone type Tweeter 40 mm, cone typ Rated impedance: 8 ohms

Approx. 140 mm × 245 mm × 103 mm ss: Approx. 1.2 kg net per speaker Quantity: 2 pieces (left/right)

Dimensions (W/H/D):

Power requirements:

- AC adapter Input: 100 V — 240 V AC, 50/60 Hz Output: DC 19.5 V 3.9A Power consumption: 28 watts
- Quantity of the main unit: 1 piece applied accessories: Stand (1), Remote Commander (1), AC adapter (1),

Design and specifications are subject to change without notice Standby power consumption: 0.5 W

imensions (W/H/D) (excl. speakers): Approx. 250 mm × 245 mm × 130 mm

Mass (excl. speakers): Approx. 2.2 kg

Power cord (1), FM lead antenna (1), Pads for hanging on wall (1 sheet), Dock Adapters for iPhone models (1 set