# SONY

## Personal Audio System Operating Instructions

**iPod i**Phone **i** 



## **N** Bluetooth

## ICF-CS20BT

English Per sonal Audio System Before operating the system, please read this guide thoroughly and retain it for future reference. **Owner's Record** 

The model number and the serial number are located on the bottom Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product. Model No. ICF-CS20BT

## Serial No.

## WARNING

DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

#### This graphical symbol is located on the bottom of the unit.

For customers in the USA: Please register this product on line at http://www.sony.com/

#### productregistration. For Customers in Canada:

Please register this product online at http://productregistration.sony.ca Proper registration will enable us to send you periodic updates about new products, services and other important announcements. Registering your product will also allow us to contact you in the unlikely event that the product needs adjustment or modification. Thank you

## WARNING

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 system to an easily accessible AC outlet. Should you notice an abnormality in the

system, disconnect the main plug from the AC outlet immediately. The system is not disconnected from the AC power source (mains) as long as it is connected to the wall outlet, even if the system itself has been turned off. Battery may explode if mistreated. Do not recharge, disassemble or dispose of in

## On Copyrights and Licenses

The BLUETOOTH<sup>®</sup> word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Sony Corporation is under license. The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

#### Android and Google Play are trademarks of Google Inc. iPad, iPhone, iPod, iPod classic, iPod nano, iPod touch and Mac are trademarks of

Apple Inc. registered in the U.S. and other countries. Lightning is a trademark of Apple Inc. "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 is not responsible for the operation of this device or its compliance with safety and

#### regulatory standards. Please note that the use of this accessory with iPod or Phone may affect wireless performance. No Power No Problem is a trademark of Sony Corporation.

Auto Time Set is a trademark of Sony Corporation Other trademarks and trade names are those of their respective owners.

## Notes

• This system is not specified for use with an iPad via USB connection, and malfunction may result if used with one. • In the Operating Instructions, "iPod" is used as a general reference to functions on an iPod, iPhone or iPad, unless otherwise specified by the text or illustrations

#### CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type

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

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

## antenna or transmitter.

The following FCC/IC statement applies only to the version of this model manufactured for sale in the U.S.A. and Canada. Other versions may not comply with FCC/IC technical regulations. This equipment complies with FCC/IC radiation exposure limits set forth for an

#### uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and 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).

For customers in Canada 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. Important Safety Instructions

- 1) Read these instructions. Keep these instructions.
- 3) Heed all warnings. Follow all instructions
- 5) Do not use this apparatus near water
- 6) Clean only with dry cloth. Do not block any ventilation openings
- Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

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\*446839711\*(1)

- polarized plug has two blades with one wider than the other. A grounding your outlet consult an electrician for replacement of the obsolete outlet
- convenience receptacles, and the point where they exit from the apparatus. Only use attachments/accessories specified by the manufacturer. 12) Use only with the cart stand tripod bracket or table specified by the
- manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time. 14) Refer all servicing to qualified service personnel. 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
- Precautions
- Note when using with a mobile phone • For details on operation of your mobile phone when receiving a telephone call

operate normally, or has been dropped.

while transmitting the sound using the BLUETOOTH connection, refer to the operating instructions supplied with the mobile phone. On safety

#### The nameplate indicating Sony trademark, model number and electrical rating is located on the bottom exterior of this system.

- Notes on the AC plug • Plug the AC plug into a nearby wall outlet (mains). In the case of a problem, unplug it from the wall outlet (mains) immediately
- Do not twist or place heavy objects on the AC plug cord. • To disconnect AC power, grasp the plug itself, not the cord.
- On placement
- Do not set the speaker in an inclined position. • Do not leave the system in a location near heat sources, or in a place subject to direct sunlight, excessive dust, moisture, rain or mechanical shock. • Do not expose the battery to excessive heat such as direct sunlight, fire or the

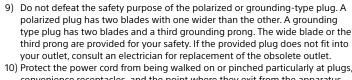
## On operation

- Do not insert any small objects, etc., into the jacks. The system may short out or malfunction On cleaning
- Do not use alcohol, benzine, or thinner to clean the cabinet.

#### Others • If you have any questions or problems concerning this system that are not

covered in this manual, please consult your nearest Sony dealer. FOR UNITED STATES CUSTOMERS, NOT APPLICABLE IN CANADA. INCLUDING IN THE PROVINCE OF QUEBEC.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance The Caution Marking is put on the Bottom Enclosure.





## Setting the clock for the first time This system is preset to the current EST (Eastern Standard Time) at the factory,

- and is powered by a backup battery. All you need to do the first time is just plug it in and select your time zone. apparatus, the apparatus has been exposed to rain or moisture, does not **1** Plug in the system.
  - The current EST (Eastern Standard Time) lights up in the display.
  - 2 Press and hold OFF 1 and CLOCK 4 until area number "2" begins to flash in the display.
  - **3** Press ALARM TIME SET +/- 3 to select the number as follows:

Area number	Time zone
0	Newfoundland Standard Time
1	Atlantic Standard Time
2 (default setting)	Eastern Standard Time
3	Central Standard Time
4	Mountain Standard Time
5	Pacific Standard Time
6	Alaska Standard Time
7	Hawaii Standard Time

## 4 Press **DISPLAY/ENTER** 5 to confirm.

• To cancel the time zone setting, press **OFF** 1 instead of **DISPLAY/ENTER** 5 in step 4. Though the clock is correctly set at the factory, discrepancies may arise during transport or storage. If necessary, set the clock to the correct time by referring to "Setting the clock manually."

## When daylight saving time (DST/summer time) begins

This system automatically adjusts for daylight saving time (summer time). "st" lights up from the beginning of daylight saving time (summer time) and turns off at the end of the daylight saving time (summer time) automatically. • Daylight saving time (summer time) begins at: 2:00 AM on the second Sunday

## • Standard time begins at: 2:00 AM on the first Sunday of November. To cancel Auto DST/summer time adjustment during the daylight

saving time (summer time) period The Auto DST/summer time adjustment can be canceled While the clock is displayed, press and hold **OFF** 1 and **DISPLAY/ENTER** 5 until \*\* and "OFF" light up in the display. Auto DST/summer time adjustment has been canceled, then the display returns to the clock. To activate Auto DST/summer time adjustment again, press and hold **OFF** 1 and **DISPLAY/ENTER** 5 until "\* and "On" light up in the display.

• Changes to Auto DST/summer time adjustment by the system (see above) are subject to circumstances and laws in each country/region. Should this interfere with desired adjustment, cancel the Auto DST/summer time adjustment and set the DST display manually as necessary. Customers living in a country/region that does not use daylight saving time (summer time) must cancel Auto DST/summer time adjustment before using the system.

## • When Hawaii Standard Time is set, Auto DST/summer time adjustment defaults to off. You can turn it on by the above operation.

#### Setting the clock manually To change the clock setting manually, operate the system as follows.

- **1** Plug in the system.
- 2 Press and hold **CLOCK** 4 until the year digits begin to flash in the display.
- **3** Press ALARM TIME SET +/- 3 to select the year, and then press **CLOCK** 4 to confirm. Press and hold **ALARM TIME SET +/-** 3 to change the year digits quickly.
- Once you confirm the setting by pressing **CLOCK** [4], the month digits begin **4** Repeat step 3 to set the month, day, hour and minute.
- The seconds start incrementing from zero. • If you do not press any button for about 1 minute while setting the clock, the clock setting will
- be canceled. • A 100-year calendar (2013 - 2112) is installed in the system. When the date is set, the day of the week is automatically displayed. MON = Monday, TUE = Tuesday, WED = Wednesday, THU = Thursday, FRI = Friday, SAT = Saturday, SUN = Sunday

#### To change the time format

You can choose the displayed time format between the 12-hour system (default) or the 24-hour system Press and hold **OFF** 1 and **SNOOZE/BRIGHTNESS** 2 for about 2 seconds. The time format toggles between the 12-hour system ("AM 12:00" = midnight) and the 24-hour system ("0:00" = midnight).

#### To display the year and date

While the clock is displayed, press **CLOCK** 4 once to display the month and date, and press again to display the year. To return to the current time display, press **CLOCK** 4 once again; or after a few seconds the display will return automatically.

Getting Started 4-468-397-**11**(1)

## Connecting to a Power Source

# **1** Plug the AC plug into a wall outlet firmly.

About the battery as a backup power source This system contains a CR2032 battery as a backup power source to keep the clock and the alarm operating during a power interruption. (No Power No

#### Problem system) CAUTION

Setting the Clock

When to replace the battery When the battery becomes weak, " $\Box$ " lights up in the display. If a power interruption occurs while the battery is weak, the current time and alarm will be erased Replace the battery with a Sony CR2032 lithium battery. Use of another battery may cause a fire or explosion To replace the battery, see "Replacing the Battery" for details.

time, the battery may be weak. In this case, consult your nearest Sony deale

• If "AM 12:00" flashes in the display when the system is connected to an AC outlet for the first

SNOOZE / BRIGHTNESS

Right side of the system

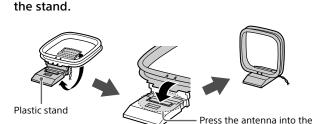
В

CLOCK

ENTER

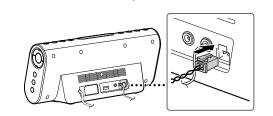
## **Connecting the AM Loop Antenna**

The shape and length of the antenna is designed to receive AM signals. Do not dismantle or roll up the antenna. 1 Raise the plastic stand and fit the antenna into the slot of



## 2 Insert the AM antenna connector in the AM ANTENNA jack

stand until it clicks.



#### To remove the AM loop antenna Push and hold down the tab of the antenna terminal clamp, and remove the AM

loop antenna.

on the rear of the system



## How to Make Wireless Connection with BLUETOOTH Devices

You can enjoy music and hands-free calling with the system wirelessly by using your device's BLUETOOTH function. Choose one of the following three connection methods, best suited for the

#### BLUETOOTH device. For details on how to operate your device, refer to the operating instructions supplied with the device.

Pairing with a BLUETOOTH device: see Pattern A BLUETOOTH devices need to be "paired" with each other beforehand.

#### Connecting with a paired device: see Pattern B To listen to music with a BLUETOOTH device that has been paired, see this

pattern. One-touch connection with a smartphone (NFC): SEE Pattern C

#### Using an $\overline{\rm NFC}$ compatible smartphone, you can establish BLUETOOTH connection

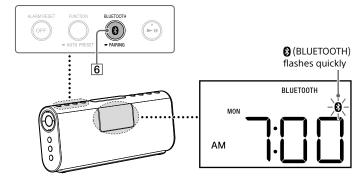
by just touching the system with it. For details about NFC, see "About NFC" in Pattern C.

#### Check the following before operating the system. • Both the system and the device are placed within 1 m (3 ft) of each other.

 The system is connected to a power source. • The operating instructions supplied with the device are kept at hand.

#### Pattern A

- Pairing and connecting with a BLUETOOTH device 1 Set the BLUETOOTH function of the BLUETOOTH device to
- For details, refer to the operating instructions supplied with the device. 2 Press and hold **BLUETOOTH – PAIRING** 6 on the system until beeps are heard and "() (BLUETOOTH)" begins to flash quickly in the display.
- From the factory, pairing information is not stored in the system. In this case, if you only press 🚯 BLUETOOTH – PAIRING 6, the system will beep and "🔂 (BLUETOOTH)" starts flashing quickly in the display.



**3** Perform the pairing procedure on the BLUETOOTH device to detect the system. If "SONY: ICF-CS20BT" does not appear on the device's display, repeat from

## • Some devices cannot display a list of detected devices.

step 1.

- 4 Select "SONY: ICF-CS20BT" shown in the display of the BLUETOOTH device.
- 5 If Passcode\* input is required on the display of the BLUETOOTH device, input "0000." The BLUETOOTH connection is established and " (BLUETOOTH)" in the display

\* Passcode may be called "Passkey," "PIN code," "PIN number," or "Password."

## • To pair with other BLUETOOTH devices, repeat steps 1 to 5 for each device.

- Pairing mode of the system is canceled after about 5 minutes, and " (BLUETOOTH)" in the display flashes slowly. If the pairing mode is canceled while performing this procedure, start over from step 2. • Passcode of the system is fixed as "0000." The system cannot be paired with a BLUETOOTH
- device whose Passcode is not "0000 • Once BLUETOOTH devices are paired, there is no need to pair those devices again. However,
- in the following cases, you will need to perform the pairing procedure again. - Pairing information is deleted after repair, etc. The system is paired with 5 or more devices.
- The system can be paired with up to 4 BLUETOOTH devices. If a new device is paired after 4 devices have been paired, the device whose latest connection time is the oldest among the 4 paired devices is replaced by the new one. • More than one device can be paired with the system, but sound will be heard from just one of those devices.

## Pattern B

## Connecting with a paired BLUETOOTH device

- 1 Set the BLUETOOTH function of the BLUETOOTH device to
- When BLUETOOTH 6 is pressed, the system tries to establish BLUETOOTH connection with the BLUETOOTH device connected to the system last time. The BLUETOOTH
- is established and "🚯 (BLUETOOTH)" in the display stays on. • When " (BLUETOOTH)" lights up in the display, the system is connected to a BLUETOOTH device. When you want to connect another BLUETOOTH device, terminate the current BLUETOOTH connection first by operating the connected BLUETOOTH device.
- 2 Select "SONY: ICF-CS20BT" shown in the display of the **BLUETOOTH** device. If necessary, select a BLUETOOTH profile that the system supports from the following: A2DP, HSP or HFP. For details on each profile, see "Listening to Music by BLUETOOTH Connection with a Smartphone, etc." or "Using Hands-free Calling While Listening to Music."

## • This step may not be necessary for some devices.

The BLUETOOTH connection is established and " (BLUETOOTH)" in the display stavs on

## Pattern C

#### Connecting with a smartphone by One touch (NFC) By just touching the system with an NFC compatible smartphone, the system pairs and connects with the smartphone. (After making the BLUETOOTH connection, the system switches to the BLUETOOTH function automatically.)

- Compatible smartphones • Smartphones with the NFC function built-in
- (OS: Android 2.3.3 or later, excluding Android 3.x) Customers in the U.S.A.
- Access the following Web site for details http://esupport.sonv.com/US
- Customers in Canada Access the following Web site for details:

## http://esupport.sonv.com/CA

#### About NFC NEC (Near Field Communication) is a technology enabling short-range wireless communication between various devices, such as mobile phones and IC tags Thanks to the NFC function, data communication can be achieved easily just by touching the relevant symbol or designated location on NEC compatible devices

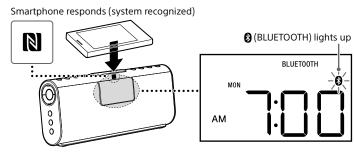
- 1 Set the NFC function of the smartphone to on. For details, refer to the operating instructions supplied with the smartphone. • If your smartphone OS is Android 2.3.3 or later, and less than Android 4.1: proceed to step 2
- If your smartphone OS is Android 4.1 or later: proceed to step 4. 2 Download and install the app "NFC Easy Connect" on the
- smartphone. "NFC Easy Connect" is an original app by Sony for Android phones, and is available at Google Play Store Search for "NFC Easy Connect" or scan the following two-dimensional code to download and install the free app. Communication fees are required to download the app.
- The App may not be available in some countries and/or regions. • For some smartphones, One-touch connection may be available without downloading the app "NFC Easy Connect." In that case, the operation and specifications may be different from the description here. For details, refer to the operating instructions
- supplied with the smartphone By the two-dimensional code:
- Use a two-dimensional code reader app.



**3** Start the app "NFC Easy Connect" on the smartphone. Make sure that the application screen is displayed.

#### **4** Touch the system with the smartphone. Keep touching the smartphone on the N marked part of the system until the smartphone responds.

#### • If the screen of your smartphone is locked, the smartphone will not function. In this case, release the lock, then touch the smartphone on the N marked part again.



Follow the on-screen instructions to establish the connection The BLUETOOTH connection is established and " (BLUETOOTH)" in the display stays on.

- If it is difficult to establish the connection, try the following. - Activate the app "NFC Easy Connect" and move the smartphone slightly on the N
- marked part of the system. - If the smartphone is in a case, remove it. • Touch the system with the smartphone again to disconnect. • If you have multiple NFC compatible devices, just touch the smartphone to a different device to switch the connection to that device. For example, when your smartphone is
- connected with NFC compatible headphones, just touch the smartphone to the system to change the BLUETOOTH connection to the system.



Status

**BLUETOOTH** function

Searching for a device

Connected to a device

Pairing with a device



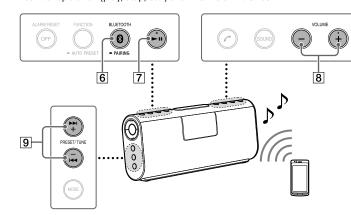
#### Display "BLUETOOTH" lights up "(BLUETOOTH)" flashes quickly "BLUETOOTH)" flashes

## " (BLUETOOTH)" lights up

## Listening to Music

## Listening to Music by BLUETOOTH Connection with a Smartphone, etc. You can enjoy listening to music and basic remote control operation of a

- BLUETOOTH device via BLUETOOTH connection. The BLUETOOTH device is required to support the following BLUETOOTH profiles A2DP (Advanced Audio Distribution Profile): enables you to enjoy high-guality
- audio content wirelessly. • AVRCP (Audio Video Remote Control Profile): enables you to enjoy basic remote control operation (play, stop, etc.) of a BLUETOOTH device.



Operations may vary depending on the BLUETOOTH device. Refer also to the operating instructions supplied with your BLUETOOTH device. 1 Make the BLUETOOTH connection between the system and the device.

For details on the BLUETOOTH connection procedure, see "How to Make Wireless Connection with BLUETOOTH Devices." The BLUETOOTH connection is established and "🚯 (BLUETOOTH)" in the display stays on.



- 2 Start playback on the BLUETOOTH device, then adjust the volume Set the volume of the BLUETOOTH device to a moderate level, and press VOLUME -/+ 8 on the system.
- After use Do any of the following to terminate the BLUETOOTH connection.
- Set the BLUETOOTH function of the BLUETOOTH device to off. For details, refer to the operating instructions supplied with the device. Turn off the BLUETOOTH device. • Touch the system with the smartphone again to disconnect (NFC compatible

## smartphones only).

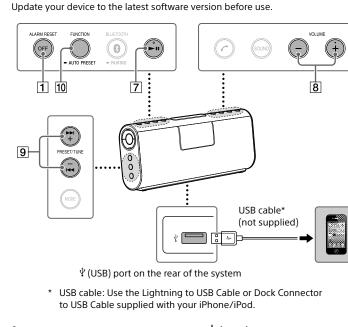
System button functions during music playback		
You can operate a BLUETOOTH device that supports AVRCP. Available functions may vary depending on the BLUETOOTH device. Refer to the operating instructions supplied with the BLUETOOTH device.		
Buttons	Functions	

►II (play/pause) 7	Press once to pause/resume playback.
►►I/I◀◀ (forward/ rewind) 9	<ul><li> Press once to skip to the next/previous track.</li><li> Press and hold to fast-forward/fast-rewind.</li></ul>
VOLUME -/+ 8	Press to adjust the volume.

## Listening to Music by Wired Connection

## Listening to Music via USB Connection with an iPhone/iPod

#### You can enjoy listening to music and play back an iPhone/iPod connected to the system via USB.



#### 1 Connect the iPhone/iPod to the $\frac{1}{2}$ (USB) port on the rear of the system.

2 Press FUNCTION 10 to select "USB." Press **FUNCTION** 10 repeatedly until "USB" lights up in the display.



**3** Start playback on the connected iPhone/iPod, then adjust the volume. Set the volume of the connected iPhone/iPod to a moderate level, and press the **VOLUME -/+** 8 on the system.

• When a USB device other than an iPhone/iPod is connected to the system, only charging begins automatically • Do not connect the multiple devices to the  $\psi$  (USB) port of the system.

After use Press FUNCTION 10 or OFF 1 to deactivate the USB function.

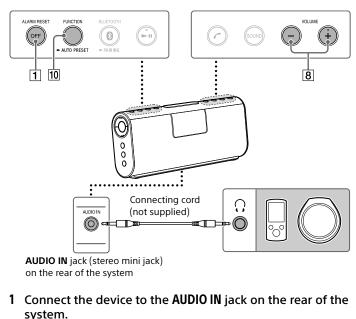
Buttons	Functions		
System button functions during music playback			
Press FUNCTION [10] or OFF [1] to deactivate the USB function.			

►II (play/pause) 7	Press once to pause/resume playback.
►►I/I◀◀ (forward/ rewind) ᠑	<ul><li>Press once to skip to the next/previous track.</li><li>Press and hold to fast-forward/fast-rewind.</li></ul>

Press to adjust the volume. VOLUME -/+ 8

#### Listening to Music by Wired Connection with a Portable Audio Device, etc.

You can enjoy sound from the external device, such as a portable digital music player, through the speaker of this system. Be sure to turn off the power of the device before making any connections.



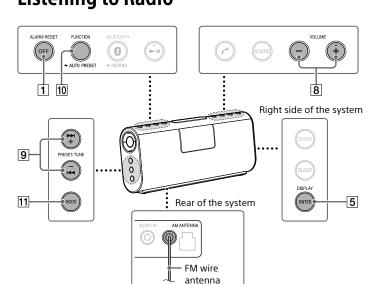
- 2 Press FUNCTION 10 to select "AUDIO IN."
- Press FUNCTION 10 repeatedly until "AUDIO IN" lights up in the display. 3 Start playback on the connected device, then adjust the
- Set the volume of the connected device to a moderate level, and press the VOLUME -/+ 8 on the system. After use

Press FUNCTION 10 or OFF 1 to deactivate the AUDIO IN function. To stop playback on the connected device, operate the connected device. Notes when connecting the device by wired connection

- The necessary type of cable or connecting cord depends on the device. Be sure to use the correct type of cable or cord. • When you watching TV or listening to the radio with a device connected to the system, the
- reception may be poor. When you listen to the radio with a device connected, turn off the connected device to prevent noise. If noise occurs, even when the device is turned off, disconnect and place the device away from the system

• You can use hands-free calling while the cable or connecting cord is used with this system

## Listening to Radio



## Presetting the radio stations automatically - Auto preset tuning

You can preset receivable radio stations in your area automatically by auto preset tuning. You can preset up to 20 FM stations and 10 AM stations 1 Press FUNCTION 10 to select "FM" or "AM."

Press FUNCTION 10 repeatedly until "FM" or "AM" lights up in the display. 2 Press and hold FUNCTION - AUTO PRESET 10 until "AP" begins to flash in the display.





Receivable radio stations will be preset automatically in order of frequency. • To cancel auto preset tuning, press **OFF** 1.

Listening to the radio from preset radio stations You can listen to the radio simply by selecting a preset number. Although radio frequencies are preset at the factory, we recommend you to preset receivable radio stations in your area by auto preset tuning.

- 1 Press FUNCTION 10 to select "FM" or "AM." Press FUNCTION 10 repeatedly until "FM" or "AM" lights up in the display.
- 2 Press MODE 11 to select "PRESET."



- **3** Press **PRESET** +/- 9 to select the preset number for the desired radio station.
- 4 Press VOLUME -/+ 8 to adjust the volume.

To display the preset number and the frequency when listening to radio Press **DISPLAY/ENTER** 5 once to display the preset number, and press again to

display the frequency of the current station. To return to the clock display, press

#### **DISPLAY/ENTER** 5 once again; or after a few seconds the display will return automatically.

After use Press **FUNCTION** 10 or **OFF** 1 to deactivate the radio function.

- To improve reception
- For FM radio reception, extend the FM wire antenna fully to increase reception sensitivity.
- For AM radio reception, connect the supplied AM loop antenna to the system. Rotate the antenna horizontally for optimum reception • If stereo FM reception is noisy, press and hold **MODE** [11] until "MONO" lights up
- Listening to the radio by manual tuning

in the display. You will lose the stereo effect, but noise will be reduced.

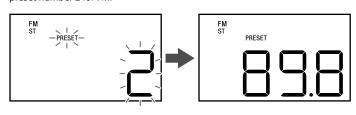
- 1 Press FUNCTION 10 to select "FM" or "AM."
- Press **FUNCTION** 10 repeatedly until "FM" or "AM" lights up in the display.
- 2 Press MODE 11 to select "TUNING."



- **3** Press and hold **TUNE** +/- **9** until the frequency digits begin to change quickly in the display. The system automatically scans the radio frequencies and stops when it finds a clear station (automatic tuning mode). If you cannot tune to a station using the automatic tuning mode, press **TUNE** +/- 9 repeatedly to change the frequency step by step. When an FM stereo broadcast is received, "ST" lights up in the display.
- 4 Press VOLUME -/+ 8 to adjust the volume.

To preset radio stations manually You can manually preset a radio station which cannot be preset automatically.

- 1 Tune to a station you want to preset. 2 Press and hold DISPLAY/ENTER 5 until "PRESET" begins to
- flash in the display
- 3 Press PRESET +/- 9 to select the preset number, and then press **DISPLAY/ENTER** 5 to confirm. The station is preset and assigned to the selected preset number. Example: The following displays appear when you preset FM 89.8 MHz to preset number 2 for FM.



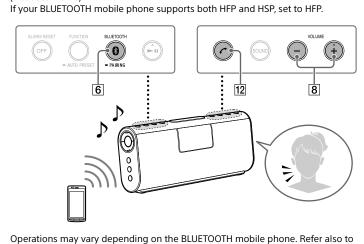
#### • To cancel the preset number, press **OFF** 1 instead of **DISPLAY/ENTER** 5 in step 3. Notes on radio reception

- Do not place the AM loop antenna near the system, power supply or other A/V equipment during use, as noise may result.
- Keep digital music players or mobile phones away from the AM loop antenna or the FM antenna, as this may lead to reception interference. When you are listening to radio with a BLUETOOTH device or USB device connected to the
- system, interference with radio reception may occur. In this case, terminate BLUETOOTH connection, or disconnect the USB device from the system.
- You can use hands-free calling while listening to the radio on this system.

## Useful Functions

## Using Hands-free Calling While Listening to Music

You can enjoy hands-free calling via BLUETOOTH connection with a BLUETOOTH mobile phone that has a music function and supports the BLUETOOTH profile A2DP (Advanced Audio Distribution Profile), and HFP (Hands-free Profile) or HSP (Headset Profile).



- the operating instructions supplied with your mobile phone 1 Make the BLUETOOTH connection between the system and the mobile phone. For details on the BLUETOOTH connection procedure, see "How to Make
- Wireless Connection with BLUETOOTH Devices." The BLUETOOTH connection is established and "() (BLUETOOTH)" in the display stays on. **2** Start playback on the BLUETOOTH mobile phone, then
- adjust the volume. Set the volume of the BLUETOOTH mobile phone to a moderate level, and press VOLUME -/+ 8 on the system. When the BLUETOOTH device is connected to the system ("() (BLUETOOTH)" is lit), you can use hands-free calling even if the BLUETOOTH function is not activated. When there is an incoming call or outgoing call, the system automatically
- changes to the BLUETOOTH function. To call

Operate the BLUETOOTH mobile phone. Check that a dialing tone is heard on the system and talk into the system. If no dialing tone is heard, press C (call) 12 on the system for about 2 seconds to change the call device to the system.

#### To receive a call

- When an incoming call arrives, the playback or radio pauses and a ring tone is heard from the system. Press *(* (call) 12 on the system and talk into the system.
- If no ring tone is heard from the system when an incoming call arrives, stop playback or radio and press 🌈 (call) 1 to talk. • You can use the hands-free calling when playback is completed.
- During a call, press VOLUME -/+ 8 on the system to adjust the volume. The volume of a call and that of a playback are set separately
- When using a mobile phone, keep it 50 cm or more away from the system. If they are too

#### close together, noise may be heard.

- To end a call Press C (call) 12. If you were listening to music with any function when the call arrived, music will be resumed when the call has finished
- After use
- Do any of the following to terminate the BLUETOOTH connection.
- Set the BLUETOOTH function of the BLUETOOTH device to off. For details, refer to the operating instructions supplied with the device. • Turn off the BLUETOOTH device.
- Touch the system with the smartphone again to disconnect (NFC compatible

#### smartphones only). System button functions during a call

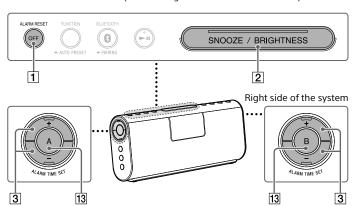
Available functions may vary depending on the BLUETOOTH mobile phone, or the profiles supported by the BLUETOOTH mobile phone. Refer to the operating instructions supplied with the BLUETOOTH mobile phone.		
Status		
Standby	<ul> <li>Press once to start voice dial (voice dial compatible mobile phones only).</li> <li>Press and hold for a few seconds to redial the phone number that is dialed last time.</li> </ul>	
Outgoing call	<ul> <li>Press once to cancel outgoing call.</li> <li>Press and hold for a few seconds to change call device between the system and mobile phone.</li> </ul>	
Incoming call	<ul><li>Press once to answer call.</li><li>Press and hold for a few seconds to reject call.</li></ul>	
During call	<ul> <li>Press once to finish call.</li> <li>Press and hold for a few seconds to change call device between the system and mobile phone.</li> </ul>	

## Using Hands-free Calling with Another BLUETOOTH Mobile Phone

- While Listening to Music You can enjoy hands-free calling with another BLUETOOTH mobile phone while
- listening to music with a BLUETOOTH music player. • One-touch connection (NFC) cannot be used in this procedure. • Operations may vary depending on the BLUETOOTH device. This type of BLUETOOTH connection may not be established depending on the combination of the BLUETOOTH devices. Refer also to the operating instructions supplied
- with your BLUETOOTH devices. 1 Make the BLUETOOTH connections between the system and a BLUETOOTH music player via A2DP, and between the
- system and a BLUETOOTH mobile phone via HFP or HSP. For details on the BLUETOOTH connection procedure, see "How to Make Wireless Connection with BLUETOOTH Devices." The BLUETOOTH connection is established and " (BLUETOOTH)" in the display stays on.
- To use only the calling function of a BLUETOOTH mobile phone that also has a music function, establish BLUETOOTH connection between the system and the mobile phone via HFP or HSP, not via A2DP. • Depending on the BLUETOOTH mobile phone, while the BLUETOOTH connection is established via HFP or HSP, the other BLUETOOTH connection via A2DP may also be
- occupied by the same BLUETOOTH mobile phone. A BLUETOOTH music player cannot be connected with this system in this case. • To make the same connection with the same devices after turning the system off, follow
- this procedure again.

## Setting the Alarm

- You can set the alarm mode from the following. - "FM," "AM": Set the radio alarm.
- **"USB":** Set the alarm to sound from an iPhone/iPod via USB connection. - "BLUETOOTH": Set the alarm to sound from a BLUETOOTH device, such as
- smartphone, iPod, etc., via BLUETOOTH connection. - "BUZZER": Set the buzzer alarm. • Set the clock to the current time before setting the alarm, so that the alarm will sound at the correct time. (See "Setting the clock for the first time.")



You can set alarm A and B. To set the alarm A. use A 13 and ALARM TIME SET +/- 3. To set alarm B, use B 13 and ALARM TIME SET +/- 3. The following explains how to set the alarm A.

1 Press and hold A 13 until the hour begins to flash in the display. "(A)" and "WAKE UP" light up and the hour flashes in the display.



- 2 Press ALARM TIME SET +/- 3 to select the following setting items, then press A 13 to confirm. Each time you press ALARM TIME SET +/- 3, the currently selected item begins to flash. Once you confirm the setting by pressing A 13, the following setting item begins to flash.
- Hour, minute: Press and hold ALARM TIME SET +/- 3 to change the hour and minute digits guickly. • Days of the week: Select one of the following three types.
- Every day: "MON TUE WED THU FRI SAT SUN" Week day: "MON TUE WED THU FRI" Weekend: "SAT SUN"
- **3** Press **ALARM TIME SET +/- 3** to select the alarm mode, then press A 13 to confirm. Select one of the following
- "FM," "AM": Set the radio alarm. Proceed to step 4. • "USB": Set the alarm to sound from an iPhone/iPod via USB connection.
- Skip step 4, and proceed to step 5. • "BLUETOOTH": Set the alarm to sound from a BLUETOOTH device, such as smartphone, iPod, etc., via BLUETOOTH connection. Skip step 4, and proceed
- to step 5. • "BUZZER": Set the buzzer alarm. The alarm setting is completed. The display returns to clock and "(A" lights up in the display. You do not need to
- do step 4 or later. 4 Press ALARM TIME SET +/- 3 to select the radio station, then press A 13 to confirm.
- Select the desired preset number or "- -." "- -" is the last station you listened
- 5 Press ALARM TIME SET +/- 3 to adjust the volume, then press A 13 to confirm. The alarm setting is completed. The display returns to clock and "(()" lights up in the display.
- **6** When "USB" or "BLUETOOTH" is selected as the alarm mode, connect an iPhone/iPod via USB or a BLUETOOTH device before the alarm sounds. If the system does not connect to the BLUETOOTH device, at the alarm time, the system tries to establish BLUETOOTH connection with the BLUETOOTH device connected to the system last time. If the system cannot connect to the BLUETOOTH device, or does not connect to an iPhone/iPod via USB, the alarm will be the buzzer. If you set "USB" as the alarm mode, and a smartphone is c the alarm will be the buzzer

#### To stop the alarm

repeatedly.

- Press ALARM RESET 1 to turn off the alarm. The alarm will sound again at the same time the next day.
- To doze for a few more minutes Snooze function
- 1 Press **SNOOZE** 2 once while the alarm sounds. The alarm sound turns off but will automatically come on again after about 10 You can change the snooze time as follows by pressing **SNOOZE** 2
  - $\rightarrow$  10  $\rightarrow$  20  $\rightarrow$  30  $\neg$

## L 60 ← 50 ← 40 ←

To stop the snooze timer, press ALARM RESET 1. System button functions for the alarm function

То	Do this
Confirm an alarm time setting	Press ALARM TIME SET +/- 3. The setting will be displayed for about 4 seconds.
Change an alarm time setting	<ol> <li>Press and hold ALARM TIME SET +/- ③ until the alarm time digits begin to change in the display. You can change the alarm time step by step by pressing ALARM TIME SET +/- ③ repeatedly.</li> <li>Release ALARM TIME SET +/- ③ when the desired alarm time is displayed.</li> </ol>
Turn off the alarm sound once	Press <b>SNOOZE</b> 2 once while the alarm sounds.
Stop the alarm	Press ALARM RESET 1.
Deactivate the alarm	Press A 13 again. "O" turns off in the display, and the alarm function is deactivated. To activate the alarm again, press A 13 again.

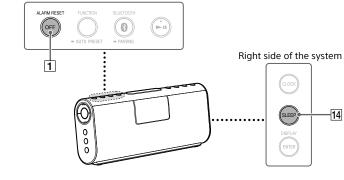
- Even if the alarm is deactivated, the alarm will be activated when you change the alarm setting. Notes
- When "USB" or "BLUETOOTH" is selected as the alarm mode, only the buzzer alarm will sound if an iPhone/iPod is not connected via USB, or a BLUETOOTH device is not connected, or music is not stored in the device, or the device is turned off. When Auto DST/summer time adjustment is set, the alarm sounds as follows:
- If the alarm is set between 2:00 AM and 3:00 AM, and daylight saving time begins, the alarm will sound at 3:00 AM. - If the alarm is set between 1:00 AM and 2:00 AM, and daylight saving time ends, the alarm will sound twice. • The volume of the buzzer is not adjustable If the same alarm time is set for both alarm A and B, alarm A takes priority.
- If no operation is performed while the alarm is sounding, the alarm will stop after about 60 Notes on the alarm in the event of a power interruption

In the event of a power interruption, the buzzer alarm will last about 5 minutes if the battery is not weak. However, certain functions will be affected as follows: The backlight will not light up. • If the alarm mode is set to "USB," "BLUETOOTH," "FM" or "AM," it will change to buzzer

- If ALARM RESET 1 is not pressed, the alarm will sound for about 5 minutes.
- If " Co" lights up in the display, the alarm will not sound in the event of a power interruption Replace the battery if "🖙" lights up. The snooze function cannot be set during a power interruption • During a power interruption, each alarm will sound at the set time only once

## Setting the Sleep Timer

You can fall asleep listening to radio or music from the connected device using the sleep timer. The system stops radio or playback automatically after a preset duration.



- 1 Press SLEEP 14 while listening to radio or music. "SLEEP" lights up and the sleep time duration begins to flash in the display.
- 2 Press SLEEP 14 to select the sleep time duration. You can change the sleep time duration (in minutes) as follows by pressing **SLEEP** 14 repeatedly. Only "OFF" does not flash.  $90 \rightarrow 60 \rightarrow 30 \rightarrow 15$
- C\_\_\_\_OFF ←\_\_\_\_ The sleep time duration flashes for a few seconds, then the display returns to the clock. The sleep timer setting is completed and the sleep timer starts.

"SLEEP" lights up in the display, and the system will stop radio or playback automatically after the setting duration.

To stop listening before the preset time Press OFF 1.

To change the sleep timer setting

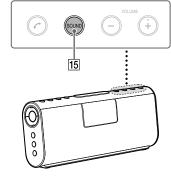
Press **SLEEP** 14. You can change the sleep time duration after the sleep timer has been activated.

To deactivate the sleep timer Press SLEEP 14 to select "OFF."

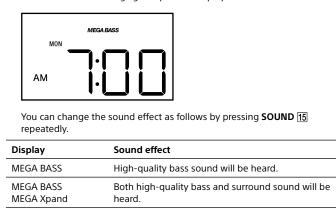
• Music playback on a device connected to the AUDIO IN jack does not stop automatically. To

stop playback on the connected device, operate the connected device. • When the alarm time is set during the sleep timer duration, the sleep timer will be deactivated automatically when the alarm sounds.

## To Enjoy the Sound Effect Setting



1 Press SOUND 15 to select the sound effect. The sound effect setting lights up in the display.



Surround sound will be heard.

The sound effect is off.

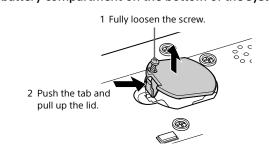
## ► Others

MEGA Xpand

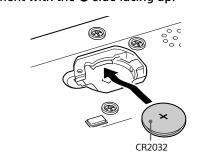
Off

## Replacing the Battery

1 Keep the AC plug connected to the wall outlet, then open the battery compartment on the bottom of the system.



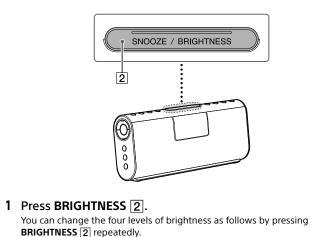
2 Remove the old battery and insert a new one in the battery compartment with the **①** side facing up.



- **3** Replace the battery compartment lid and tighten the
- screw. 4 Press FUNCTION, <sup>()</sup> BLUETOOTH or SNOOZE/ BRIGHTNESS on the system to turn off " $\Box$ " in the display.
- When you replace the battery, do not disconnect the plug from the AC outlet. Otherwise, the current date, current time, alarm and station presets will be erased. • If you are not going to use the system for a long time, remove the battery to avoid any

damage that may be caused by leakage or corrosion.

## Setting the Brightness of the Display



# High (default) → Off

Middle 🔶 Low Even if brightness level is set to Off, it will change to Low while the alarm is Press and hold **BRIGHTNESS** 2 to turn off the display directly.

## **Specifications**

AUDIO POWER SPECIFICATIONS POWER OUTPUT AND TOTAL HARMONIC DISTORTION: With 5 ohm loads both channels driven, from 150 Hz -10.000 Hz; rated 2 watts per channel minimum RMS power, with no more than 10 % total harmonic distortion

#### Time display

Switching between 12-hour system (default) and 24-hour system. Speaker section

#### Speaker system 50 mm (2 in) Enclosure type Bass reflex

Amplifier section

#### Reference output power

2 W + 2 W (10 % T.H.D., 1 kHz, 5 Ω) Stereo mini jack × 1 Input

#### USB section USB port (type A) Input

Supported sampling frequencies/bit USB input: Maximum 44.1 kHz/16 bit

#### BLUETOOTH Communication System

BLUETOOTH Specification version 3.0 BLUETOOTH Specification Power Class 2 Maximum communication range Line of sight approx. 10 m (30 ft)\*1

#### Frequency band 2.4 GHz band (2.4000 GHz - 2.4835 GHz) Modulation method

FHSS Compatible BLUETOOTH Profiles\*2

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

HSP (Headset Profile) HFP (Hands-free Profile)

#### SPP (Serial Port Profile) Supported Codec\*

SBC\*4 Transmission range (A2DP)

- 20 Hz 20,000 Hz (Sampling frequency 44.1 kHz) <sup>\*1</sup> The actual range will vary depending on factors such as obstacles between
- devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's performance, operating system, software application, etc. \*2 BLUETOOTH standard profiles indicate the purpose of BLUETOOTH

Frequency step

0.1 MHz

10 kHz

communication between devices. \*3 Codec: Audio signal compression and conversion format

#### \*4 Subband Coded

#### Microphone Type:

Electret condense Direction characteristic

#### Omni directiona Effective frequency range:

200 Hz – 3.600 Hz

#### Radio Frequency range

AM

#### Band

Frequency 87.5 MHz - 108 MHz 530 kHz - 1.710 kHz

General 120 V AC, 60 Hz, 16 W Power

#### For clock back up 3V DC, CR2032 battery (1) Dimensions

Approximately 281 mm × 126 mm × 80 mm  $(11^{1}/_{8} \text{ in } \times 5 \text{ in } \times 3^{1}/_{4} \text{ in}) (w/h/d)$ Approximately 1.3 kg (2 lb 14 oz) including batteries Mass Supplied accessories AM loop antenna (1)

#### BLUETOOTH Startup Guide (1) Operating Instructions (this document) (1)

Compatible iPhone/iPad/iPod models

#### The compatible iPhone/iPad/iPod models are as follows. Update the software of the iPhone/iPad/iPod to the latest version before using it

with this system.
USB works with
iPhone 5
iPhone 4S
iPhone 4
iPod touch (5th generation)
iPod touch (4th generation)
iPod touch (3rd generation)
iPod classic
iPod nano (7th generation)
iPod nano (6th generation)

iPod nano (5th generation)

## iPod nano (4th generation)

**BLUETOOTH technology works with** iPhone 5 iPhone 4S iPhone 4 iPhone 3GS

#### iPad (4th generation iPad mini iPad (3rd generation) iPad 2

iPac iPod touch (5th generation) iPod touch (4th generation) iPod touch (3rd generation) iPod nano (7th generation)

Design and specifications are subject to change without notice.

## What is **BLUETOOTH** wireless technology?

#### BLUETOOTH wireless technology is a short-range wireless technology that enables wireless data communication between digital devices, such as a

computer and digital camera. BLUETOOTH wireless technology operates within a range of about 10 m (30 ft). Connecting two devices as necessary is common, but some devices can be connected to multiple devices at the same time. You do not need to use a cable for connection, nor is it necessary for the devices to face one another, such is the case with infrared technology. For example, you can use such a device in a bag or pocket. BLUETOOTH standard is an international standard supported by thousands of companies all over the world, and employed by various companies worldwide.

#### **Communication System and Compatible BLUETOOTH Profiles of** the system Profile is standardisation of the function for each BLUETOOTH device specification.

The system supports the following BLUETOOTH version and profiles Communication System:

- **BLUETOOTH Specification version 3.0** Compatible BLUETOOTH Profiles:
- A2DP (Advanced Audio Distribution Profile): Transmitting or receiving audio content of high-quality. - AVRCP (Audio Video Remote Control Profile): Controlling A/V equipment;
- pausing, stopping, or starting playback, etc. HSP (Headset Profile): Talking on the phone/Operating the phone – HFP (Hands-free Profile): Talking on the phone/Operating the phone by
- hands-free - SPP (Serial Port Profile): Establishing serial communication with BLUETOOTH device.

#### Maximum communication range

- Use BLUETOOTH devices within 10 m (about 30 ft) (line of sight) of the system. Maximum communication range may shorten under the following conditions. There is an obstacle such as a person, metal, or wall between the system and BLUETOOTH device.
- A wireless LAN device is in use near the system. - A microwave oven is in use near the system.
- A device that generates electromagnetic radiation is in use near the system.

#### Interference from other devices Because BLUETOOTH devices and wireless LAN (IEEE802.11b/g) use the same

frequency, microwave interference may occur and resulting in communication speed deterioration, noise, or invalid connection if the system is used near a wireless LAN device. In such a case, perform the following.

- Use the system at least 10 m (about 30 ft) away from the wireless LAN device. - If the system is used within 10 m (about 30 ft) of a wireless LAN device, turn off the wireless LAN device.

#### Interference to other devices

Microwaves emitting from a BLUETOOTH device may affect the operation of electronic medical devices. Turn off the system and other BLUETOOTH devices in the following locations, as it may cause an accident. – where inflammable gas is present, in a hospital, train, airplane, or a gas station

#### – near automatic doors or a fire alarm Notes

- To be able to use the BLUETOOTH function, the BLUETOOTH device to be connected requires the same profile as the system's. Note also that even if the same profile exists, devices may vary in function
- depending on their specifications. • Due to the characteristic of BLUETOOTH wireless technology, the sound played on the system is slightly delayed from the sound played on the BLUETOOTH
- device during talking on the telephone or listening to the music. • This system supports security capabilities that comply with the BLUETOOTH standard to provide a secure connection when the BLUETOOTH wireless
- technology is used, but security may not be enough depending on the setting. Be careful when communicating using BLUETOOTH wireless technology. • We do not take any responsibility for the leakage of information during
- BLUETOOTH communication. • A device featuring the BLUETOOTH function is required to conform to the BLUETOOTH standard specified by Bluetooth SIG, and be authenticated. Even if the connected device conforms to the above mentioned BLUETOOTH standard, some devices may not be connected or work correctly, depending on the
- features or specifications of the device. • Noise or sound skips may occur depending on the BLUETOOTH device connected with the system, the communication environment or the usage environment.

## Troubleshooting



(口))

the connected device.

Check that both plugs of the

PAIRING

V

device again.

connecting cord (not supplied) or both

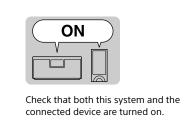
supplied) are firmly inserted into the

connectors of the USB cable (not

system and the connected device.

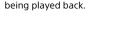
Pair this system and the BLUETOOTH

Turn up the volume of the system and



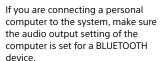














speaker.



"USB" or "AUDIO IN") is activated

If the connected device is monaural, Check that the function for the sound will only be output from the left connected device ("BLUETOOTH,"



**Distorted sound / Humming** or noise in the system output

If the connected device has an

Bring this system and the BLUETOOTH

device closer together. Remove any

obstacle between this system and the

equalizer function, set it to off



and the connected device.

(EQ OFF)



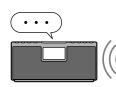
Keep the system away from a microwave oven, wireless LAN, etc

> BLUETOOTH device A2DP

> > device when HFP or HSP is set.

Keep the system away from a TV.

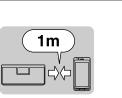
If you connect a device with a built-in radio or tuner to this system, broadcasts may not be received, or sensitivity may be reduced. Locate the system farther away from the device and check that you can listen to the broadcasts satisfactorily



For BLUETOOTH devices: Pairing is not possible

BLUETOOTH - PAIRING on the

system until beeps are heard.



Bring this system and the BLUETOOTH

device to within 1 m (3 ft) of each

other.

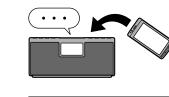
For BLUETOOTH devices: No voice voice from recipie
voice from recipie



Check that both this system and the connected device are turned on.

HFP/HSP 

Select HFP or HSP BLUETOOTH connection by operating the BLUETOOTH device.





devices: No voice / Low

voice from recipient

Check that output of the BLUETOOTH

mobile phone is set for the system.

( [

Turn up the volume of the system and

For BLUETOOTH devices:

One-touch connection

(NFC) is not possible

smartphone is set to on.

If the smartphone is in a case, remove

( 口))

the connected device.

Keep the smartphone close to the system until the smartphone responds. If you fail, move the smartphone slightly on the N marked part of the system.

NFC App

Check that the "NFC Easy Connect" app is displayed on the smartphone.



NFC receiving sensitivity depends on the device. If you fail to connect with a smartphone by One touch several times, connect to the system by on-screen operation.

• • • )

(A)



Check that the alarm indication "A" or "<sup>(B)</sup>" is properly displayed.

Check that the device set for the alarm is connected to the system

Switch the BLUETOOTH connection to A2DP by operating the BLUETOOTH

If the 🛿 (BLUETOOTH) indicator is not flashing quickly, press and hold

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This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software. Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. It is your responsibility to backup any data, software or other materials you may have stored or pre-

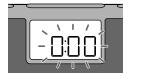
served on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss. A dated purchase receipt from Sony or a Sony Retailer is required. For specific instructions on how to obtain warranty service for your product. The Address of the Laredo Fulfillment Center is: Laredo Fulfillment Center 10227 Crossroads Loop Suite B Laredo, TX 78045 Visit Sony's Web Site: www.sony.com/support

Or call the Sony Customer Information Service Center 1-800-222-SONY (7669) For an accessory or part not available from your authorized dealer, call

1-800-488-SONY (7669) Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony. This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary

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## Clock is not displayed correctly



When the clock flashes "AM 12:00" or "0:00" due to a power interruption replace the battery with a new one.



If the clock does not employ the daylight saving time (summer time) automatically, press and hold OFF and DISPLAY/ENTER until "" and "On" light up in the display.