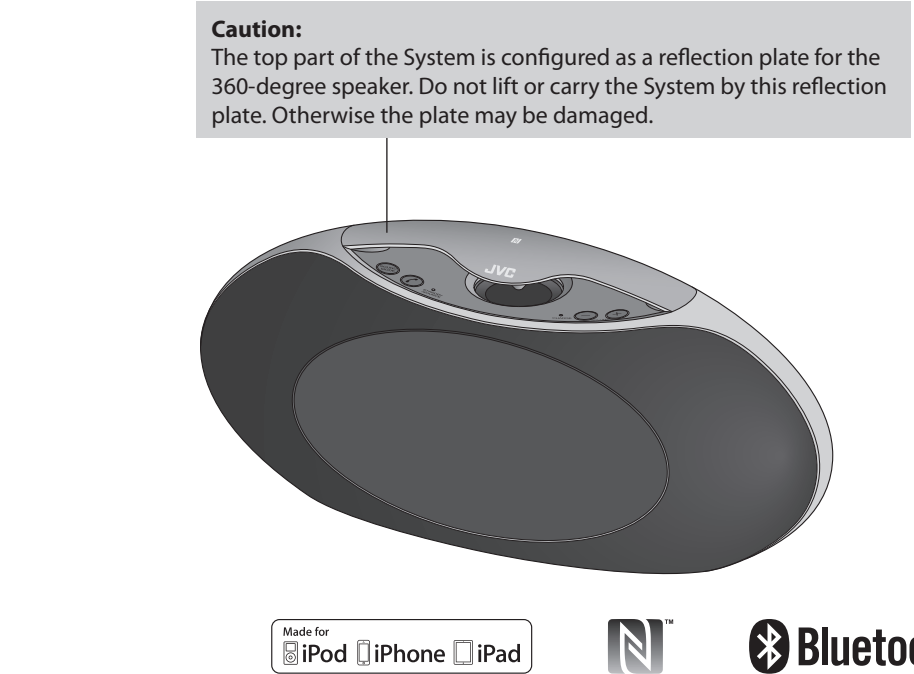


JVC

BLUETOOTH WIRELESS SPEAKER

SP-ABT30



Ⓢ BC mark means complies with Energy Efficiency Law.

Thank you for purchasing this product.
Before use, please read this “INSTRUCTIONS” and the information materials included to ensure proper use of this product.

© 2014 JVC KENWOOD Corporation LVT2566-002A

USA ONLY

TO OUR VALUED CUSTOMER

THANK YOU FOR PURCHASING THIS JVC PRODUCT.
WE WANT TO HELP YOU ACHIEVE A PERFECT EXPERIENCE.

NEED HELP ON HOW TO HOOK UP?
NEED ASSISTANCE ON HOW TO OPERATE?
NEED TO LOCATE A JVC SERVICE CENTER?
LIKE TO PURCHASE ACCESSORIES?

JVC IS HERE TO HELP!
TOLL FREE: 1(800)252-5722
<http://www.jvc.com>

Remember to retain your Bill of Sale for Warranty Service.

Do not attempt to service the product yourself

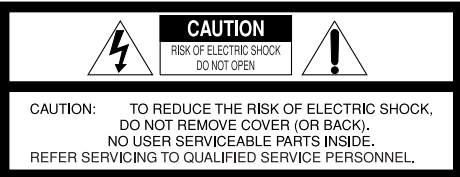
Caution
To prevent electrical shock, do not open the cabinet.
There are no user serviceable parts inside.
Please refer to qualified service personnel for repairs.

INSTRUCTIONS

Warnings, Cautions and Others

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
9. Only use attachments/accessories specified by the manufacturer.
10. Unplug this apparatus during lightning storms or when unused for long periods of time.
11. 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 apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

CAUTION
The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

CAUTION
Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

- CAUTION**
- Do not block the ventilation openings or holes.
(If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
 - Do not place any naked flame sources, such as lighted candles, on the apparatus.
 - When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
 - Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

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).

For U.S.A.
This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

For U.S.A.
Caution: Changes or modifications not expressly approved by party responsible for compliance could void the user's authority to operate the equipment.
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.

For Canada
This device complies with Industry Canada license-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.

A copy of the Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC can be downloaded from the following Web sites (<http://www.jvc.co.jp/ecdoc/>).



Hereby, JVC declares that this System SP-ABT30 is in compliance with the essential requirements and other relevant provision of Directive 1999/5/EC.

ATTENTION:
The product you have purchased is powered by a rechargeable battery that is recyclable. Please call 1-800-8-BATTERY for information on how to recycle this battery.
(USA and Canada only)

[European Union only]
Information on Disposal of Old Electrical and Electronic Equipment and Batteries (applicable for countries that have adopted separate waste collection systems)
Products and batteries with the symbol (crossed-out wheeled bin) cannot be disposed as household waste.
Old electrical and electronic equipment and batteries should be recycled at a facility capable of handling these items and their waste byproducts.
Contact your local authority for details in locating a recycle facility nearest to you.
Proper recycling and waste disposal will help conserve resources whilst preventing detrimental effects on our health and the environment.
Notice: The sign "Pb" below the symbol for batteries indicates that this battery contains lead.

Specifications

●BLUETOOTH	
Standard	BLUETOOTH Ver. 3.0 Class 2
Max. communication distance	Approx. 10 m (33 ft)*1
Supported BLUETOOTH profiles	HSP/HFP/A2DP/AVRCP/SPP
Supported codecs	SBC
Supported content protection	SCMS-T
Multi pairing	Supported (up to 8 devices can be registered)
Multipoint operation	Supported (simultaneous connection of one music playback device and one communication device possible)

*1 Communication distance is an approximate value.

●Power supply/General	
Power supply	Supplied AC adaptor or internal rechargeable lithium battery
Battery life	Approx. 10 hrs*2
Charging method	From supplied AC adaptor
Charging time	Approx. 3 hrs
AC adaptor	Input : AC 100 V–240 V, 50 Hz/60 Hz, 1.2 A Output : DC 13 V, 2.3 A
Power consumption (when using AC adaptor)	0.5 W or less (xx W (typ.) in normal standby mode, xx W (typ.) in BLUETOOTH standby mode)
Usage temperature range	5°C (41°F) to 35°C (95°F)
Dimensions (W x H x D)	300 mm (11-13/16") x 143 mm (5-11/16") x 80 mm (3-3/16")
Mass	Approx. 1.1 kg (Approx. 2.5 lbs) (including internal rechargeable battery, excluding AC adaptor)

*2 Depends on usage conditions.

●Audio	
Speakers	• L/R speakers: 50 mm (2") x 2 • 360-degree speaker: 40 mm (1-5/8") x 1 • Passive radiator x 1
Max. output power	• L/R speakers: 10 W + 10 W (THD 10%) • 360-degree speaker: 10 W (THD 10%) + R ch.: 10 W
Input terminal (AUDIO IN)	3.5 mm dia. stereo mini jack

About BLUETOOTH

BLUETOOTH is a standard for wireless communication between digital devices. BLUETOOTH comprises various protocols for different applications. These are called profiles.

About BLUETOOTH profiles

- A2DP (Advanced Audio Distribution Profile)
- AVRCP (Audio/Video Remote Control Profile)
- HSP (Headset Profile)
- HFP (Hands-Free Profile)
- SPP (Serial Port Profile)

Dear Customer,
This apparatus is in conformance with the valid European directives and standards regarding electromagnetic compatibility and electrical safety.

European representative of JVC KENWOOD Corporation is:
JVC Technical Services Europe GmbH
Konrad-Adenauer-Allee 1-11, 61118 Bad Vilbel, Germany

SAFETY INSTRUCTIONS

“SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT”

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instructions before you attempt to use the equipment.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug when making or changing connections.
Do consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
Do be careful with glass panels or doors on equipment.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way — switch off, withdraw the mains plug and consult your dealer.
DON'T remove any fixed covers or expose dangerous voltages.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Switch off using the switch on the equipment and make sure that your family know how to do this.
Special arrangements may need to be made for infirm or handicapped people.
DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving.
DON'T listen to headphones at high volume as such use can permanently damage your hearing.
DON'T obstruct the ventilation of the equipment, for example with curtains or soft furnishings.
Overheating will cause damage and shorten the life of the equipment.

DON'T use makeshift stands and NEVER fix legs with wood screws — to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T allow electrical equipment to be exposed to rain or moisture.

ABOVE ALL

— NEVER let anyone, especially children, push anything into holes, slots or any other opening in the case.

— this could result in a fatal electrical shock

— NEVER guess or take chances with electrical equipment of any kind — it is better to be safe than sorry!

E43486–340B

- The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such logos is under license.
- "Made for iPod," "Made for iPhone," and "Made for iPad" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple 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, iPhone, or iPad may affect wireless performance.iPod, iPhone, and iPad are trademarks of Apple Inc., registered in the U.S. and other countries.
- Android is a trademark and/or registered trademark of Google Inc..
- The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

- Specifications and appearance of this unit are subject to change for further improvements without prior notice.
- Rating label and other information are placed on the exterior of the bottom.

Troubleshooting

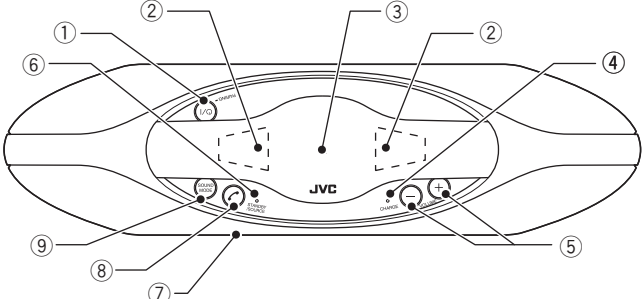
Latest product and Q&A information can be found on our web site (<http://www3.jvckenwood.com/>). Check this list for a possible solution before calling customer service.

Problem	Action
Power problem	
Power does not come on	Connect the supplied AC adaptor and charge the battery.
The System does not charge	Make sure that the supplied AC adaptor is connected correctly.
Connection problem	
Cannot connect via NFC	• If you are using a case for your smartphone, remove the smartphone from the case. • Bring the N Mark on the BLUETOOTH device into contact with the N Mark on the System. • Verify that the NFC function of your smartphone is enabled.
Pairing fails	Verify that the System is in pairing standby mode.
Cannot connect	• Check whether the System is connected to another device. • Cancel pairing at the BLUETOOTH device and then reconnect.
After connecting the BLUETOOTH device to the System, operation does not start right away	Depending on the BLUETOOTH device, there may be a delay until operation becomes possible, or sound may be interrupted, even after the LED indicator has lit up in blue.
Audio problem	
No sound is heard	• Verify that connection has been established properly. • Check whether your device supports the A2DP profile. Refer to the documentation for your device. • Adjust the volume setting of the System and the BLUETOOTH device.
Sound cuts out or is distorted, noise is heard	• If there are obstacles such as furniture, walls or people between the System and the BLUETOOTH device, the sound may be interrupted, or operation response may be sluggish. • Increase the distance between the System and appliances or devices using the 2.4 GHz frequency band (microwave ovens, wireless LAN, cordless telephones etc.). • Charge the battery. • Lower the volume setting of the System. Lower the volume setting of the System or the BLUETOOTH device.
Other problem	
Cannot use the hands-free call function	• Verify that connection has been established properly. • Check whether your device supports the HFP profile. Refer to the documentation for your device.

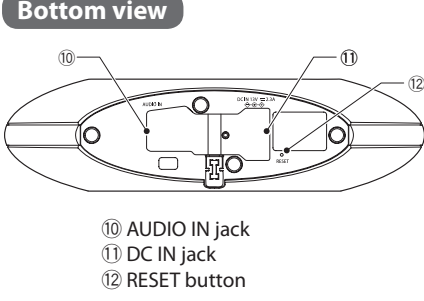
If the above steps do not solve the problem, use a pointed object such as the tip of a pen to press the [RESET] button on the bottom of the System.

Part names

Top view



Bottom view



① ⏻/I (Power) button

② Illumination LED

③ N Mark

④ CHARGE LED

⑤ VOLUME +/- buttons

⑥ STANDBY/SOURCE LED

⑦ Microphone (inside grille)

⑧ 📞 (Hands-free) button

⑨ SOUND MODE button

⑩ AUDIO IN jack

⑪ DC IN jack

⑫ RESET button

LED indicators of the System

[STANDBY/SOURCE LED]

While power is on

Operation	LED indication
BLUETOOTH device connection standby	Flashes in blue
Pairing standby	Flashes rapidly in blue
BLUETOOTH device connection standby	Lit in blue
Signal present at AUDIO IN	Lit in purple
No signal present at AUDIO IN	Flashing in purple

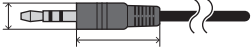
While power is off

Operation	LED indication
Normal standby (AC adaptor not connected)	Unlit
Normal standby (AC adaptor connected)	Lit in red
BLUETOOTH standby (no device connected)	Flashes slowly in blue
BLUETOOTH standby (device connected)	Flashes alternately in blue and red

[CHARGE LED]

Operation	LED indication
Remaining battery charge low (Connect AC adaptor to charge battery)	Flashing in orange
Charging	Lit in orange
Fully charged	Unlit

Max.
11 mm (7/16")



Max.
25 mm (1")

Depending on their shape, some stereo mini plugs may not fit the AUDIO IN jack. Use a cable with a mini plug (such as the recommended CN-MM100-B/W).

Supplied accessory : AC adaptor (For North America : JD1018-000A/For UK : JD1020-000A)

Connecting a BLUETOOTH device to the System

Choose one of the following three connection methods, depending on the BLUETOOTH device that you are using. For details on the connection steps, please refer to the documentation of your device.

Connecting to a BLUETOOTH device with NFC support

1 Enable the NFC function of the BLUETOOTH device.

2 Turn the System on.

There is no need to turn the system on in BLUETOOTH standby mode. Go to step 3.

3 Bring the BLUETOOTH device into contact with the N Mark on the System.

Bring the N Mark on the BLUETOOTH device into contact with the N Mark on the System. Then follow the instructions that appear on the screen of the BLUETOOTH device to complete the connection.

4 Verify that the STANDBY/SOURCE LED on the System is lit in blue.

The connection is established.

Connecting to a BLUETOOTH device without NFC support for the first time

The BLUETOOTH device must be paired with the System the first time that it is connected. If a cable with mini stereo plug is connected to the AUDIO IN jack, disconnect the cable.

1 Turn the System on.

2 Hold down the ⏻/I (Power) button for 3 seconds or more.

The System goes into pairing standby mode and the STANDBY/SOURCE LED flashes rapidly in blue. (The pairing standby mode will cancel itself automatically after 5 minutes.)

3 Turn on the BLUETOOTH device and enable pairing.

Example

Android deviceTap "Settings", then "Wireless & Networks" If "Bluetooth" is set to "Off", change the setting to "On" Tap "Bluetooth Settings", then "Scan Devices" (or a similarly named item)

iPhonePerform one of the following procedures. Tap "Settings", then "Bluetooth" or Tap "Settings", "General", then "Bluetooth" If "Bluetooth" is set to "Off", change the setting to "On"

Preparation

Charging the System

The System can be powered either with the supplied AC adaptor or the internal rechargeable lithium battery. Before using the System for the first time, be sure to connect the supplied AC adaptor and charge the battery.

Connecting the supplied AC adaptor

1 Insert the DC plug of the supplied AC adaptor into the DC IN jack on the bottom of the System.

2 Plug the AC adaptor into a wall outlet.

The CHARGE LED lights up in orange, and charging starts. When charging is complete, the indicator goes out. The charging time is approx. 3 hours.

Basic operations

Turning on the power

Press the ⏻/I (Power) button.

The illumination LEDs light up, and the System turns on. When a cable with mini stereo plug is inserted into the AUDIO IN jack, the AUDIO IN source is activated.

Turning off the System

Press the ⏻/I (Power) button.

The illumination LEDs go out, and the System turns off. In BLUETOOTH standby mode, the STANDBY/SOURCE LED keeps flashing. In normal standby mode, the STANDBY/SOURCE LED is lit in red. (If the AC adaptor is not connected, the LED will turn off.)

Auto Power Save (A.P.S.)

If no BLUETOOTH device is connected or there is no signal from the AUDIO IN jack for about 15 minutes, the System automatically turns itself off.

System standby modes

The System has two types of standby modes. In BLUETOOTH standby mode, connection of a BLUETOOTH device is possible also while power to the System is not turned on. In normal standby mode, which consumes less power, the System must be turned on to allow connection of a BLUETOOTH device.

Toggling the standby mode

While the System is on, hold down the [SOUND MODE] button and the [VOLUME +] button simultaneously for 3 seconds or more.

The factory default setting is normal standby mode. Immediately after standby mode is toggled, the System turns itself off.

Connecting a BLUETOOTH device to the System (continued)

4 Select "SP-ABT30" from the list of devices.

A connection between the System and the BLUETOOTH device will be established.

- During the pairing process, the other device may require input of a PIN code. In such a case, enter "0000" as the PIN code for the System.

5 Verify that the STANDBY/SOURCE LED on the System is lit in blue.

Pairing is now complete.

Connecting to a BLUETOOTH device for which pairing has been performed

1 Turn the System on.

2 Turn the BLUETOOTH device on and enable connection.

Example

Android deviceTap "Settings", then "Wireless & Networks" If "Bluetooth" is set to "Off", change the setting to "On" Tap "Bluetooth Settings", then "Scan Devices" (or a similarly named item)

iPhonePerform one of the following procedures. Tap "Settings", then "Bluetooth" or Tap "Settings", "General", then "Bluetooth" If "Bluetooth" is set to "Off", change the setting to "On"

3 Select "SP-ABT30" from the list of devices.

A connection between the System and the BLUETOOTH device will be established.

Multi pairing

Pairing information for up to 8 BLUETOOTH devices can be registered in the system. When pairing is performed for a 9th device, the oldest pairing information stored in the System will be overwritten.

Automatic connection

The System automatically attempts to reconnect to the BLUETOOTH device used the previous time.

Disconnecting a connected BLUETOOTH device

To disconnect a connected BLUETOOTH device, perform one of the following steps.

- Hold down the ⏻/I (Power) button of the System for 3 seconds or more.
- Bring the N Mark on the BLUETOOTH device into contact with the N Mark on the System (with NFC enabled BLUETOOTH device).

Listening to audio from BLUETOOTH devices

1 Turn power to the System on and connect to the BLUETOOTH device.

If connection to the device fails, see [Connecting to a BLUETOOTH device for which pairing has been performed].

2 Play audio on the BLUETOOTH device.

The sound is reproduced by the System.

3 Adjust the volume with the [VOLUME] buttons.

- Pressing the [VOLUME +] button increases the volume and pressing the [VOLUME -] button reduces the volume.
- You can also use the volume control on your BLUETOOTH device to adjust the level.

Selecting the sound mode

Select the desired sound mode, according to the type of source material.

Press the [SOUND MODE] button repeatedly.

The sound mode cycles through the following settings: Stereo → Enhanced Stereo → 360° Surround.

Stereo

: Conventional stereo playback

Enhanced Stereo

: Surround type sound with simulated speaker position located further away, providing greater depth

360° Surround

: Full 360 degree surround type sound

Other operations

Connecting to a device without BLUETOOTH support

The AUDIO IN jack on the bottom of the System allows connection of an audio player without BLUETOOTH support. When a cable with mini stereo plug is inserted into the AUDIO IN jack, the System switches to the AUDIO IN source. When the cable is disconnected from the AUDIO IN jack, the BLUETOOTH source is activated again.

Dimmer function

Pressing the 📞 (Hands-free) button and the [VOLUME -] button together cycles the brightness of the illumination LEDs as follows: Bright → Dim → Off.

Multipoint operation

- The System supports multipoint operation.
- While playing music with a BLUETOOTH compatible device without call support (using the A2DP/AVRCP protocol), it is possible to also use the System for hands-free communication, together with another BLUETOOTH device with call support (using the HSP/HFP protocol).

Precautions for multipoint operation

- First perform pairing between the System and both the music playback device and the call device.
- Proceed as follows to connect the System to the music playback device and the call device.

1 Turn the BLUETOOTH compatible music playback device on and connect to the System.

The music playback device and the System connect via the A2DP/AVRCP protocol, and music playback is possible.

2 Turn the BLUETOOTH compatible call device on and connect to the System.

The call device and the System connect via the HSP/HFP protocol, and hands-free call operation is possible.

- When a call is received and while using the System as a hands-free speakerphone, music playback will be paused.

* If the call device is connected first, it sometimes may connect to the System via the A2DP/AVRCP protocol. In this case, turn the call device off and repeat the above procedure from step 1. protocol. In this case, turn the call device off and repeat the above procedure from step 1.

Using the System as a speakerphone

- To use the System as a speakerphone, you must first connect to a BLUETOOTH device supporting hands-free operation.
- If connection to the device fails, see "Connecting to a paired device".

Accepting a call

When you hear the ring tone from the System, press the 📞 (Hands-free) button

If a call is accepted while music is playing, playback will automatically be paused.

- You can use the [VOLUME] buttons to adjust the talk volume.
- Depending on the type of smartphone or other device, the ring tone heard when a call comes in may be the ring tone of the System, regardless of the ring tone setting on the smartphone.
- To refuse the call, press and hold the 📞 (Hands-free) button.

Terminating a call

Press the 📞 (Hands-free) button while a call is in progress.

If music was playing before the call was received, playback will resume automatically.

Switching the call

Press and hold the 📞 (Hands-free) button while a call is in progress.

You can switch the call between the System and the smartphone.

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Using the remote control app

The dedicated remote control app "JVC Audio Control BR2" installed on a BLUETOOTH enabled Android device or iPhone can be used to control the System from a distance.

The Android app can be downloaded from Google Play. The iPhone app can be downloaded from the App Store. Before using the Android app, perform pairing between the device and the System. Before using the iPhone app, enable BLUETOOTH connection between the device and the System. If the system is currently connected via BLUETOOTH to other devices, disconnect all devices except the one on which the remote control app is used.

- UI design and functions of the app may be changed without notice.
- No assurance is given that the app will work on a particular device.

The remote control app provides the following functions.

- Power on/off
- Volume control
- Sound mode
- Audio source
- Mute
- DIMMER

To allow the System to be turned on from the remote control app, the System must be in BLUETOOTH standby mode. For information on the BLUETOOTH standby mode, see [System standby modes].

Example

Requirements for remote control app

[Android app]

- Android OS 2.3.3 or later
- Device with SPP support

[iPhone app]

- iOS 5.1 or later
- iPhone 3GS or later
- iPod touch 3G or later
- iPad

- 3 -

- 4 -