RSR®

DS409

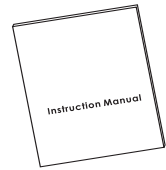# Instruction Manual

Contents

What's in the Box

Main Unit

Remote Control

Instruction Manual

AC Power Adapter

3.5mm to 3.5mm audio cable

FM wire antenna

Docking Stand

• Design and specifications are subject to change without notice.

Specifications

General

AC Power Adapter:	
INPUT	100-240V~ 50/60Hz, 0.6A
OUTPUT	DC5.0V ⎓ 3.0A
Power consumption:	15 W
Power consumption of standby mode:	< 0.5 W
Total Harmonic Distortion	1% (1kHz, 1W)
Audio Input Sensitivity	500mV
Frequency Response	40Hz - 20kHz
Tuning Range	87.5 - 108MHz
Unit Dimensions (W x H x D)	298 x 114 x 98 mm
Speaker Impedance	2Ω

Remote Control

Distance:	6m
Angle:	30°

Important Safety Instructions

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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 as 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.

Safety

1 **Read these instructions** – All the safety and operating instructions should be read before this product is operated.

2 **Keep these instructions** – The safety and operating instructions should be retained for future reference.

3 **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.

4 **Follow all instructions** – All operating and usage instructions should be followed.

5 **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool and the like.

6 Clean only with a dry cloth.

7 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.

9 Do not override the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, ask an electrician to replace the obsolete outlet.

10 Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles and at the point where they exit from the apparatus.

11 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 or rack is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

13 Unplug the apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified 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 unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

15 WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus should not be exposed to dripping or splashing. Objects filled with liquids, such as vases should not be placed on the apparatus.

16 WARNING: The direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable.

17 This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

18 The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases,shall be placed on the apparatus.

19 Minimum distance around the apparatus for sufficient ventilation is 5cm.

20 The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers,table-cloths, curtains, etc…

21 No naked flame sources, such as lighted candles, should be placed on the apparatus.

22 The apparatus shall be used in moderate climates only.

23 The plug shall remain readily operable.

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

25 Different types of batteries or new and used batteries are not to be mixed.

26 Batteries are to be inserted with the correct polarity.

27 Exhausted batteries are to be removed from the product.

28 Batteries shall be disposed of in a safe way. Only dispose of batteries in specific collection containers (contact the your retailer for more information) in order to protect the environment.

29 Warning: Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

30 If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

31 Batteries should be set up with the correct polarity.

32 The supplier is clear from his responsibility for all kinds of incidents caused by the non-respect of battery polarity; the appliance will not be covered by the warranty if damaged.

33 Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.

34 Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.

35 The rating label is pasted on the bottom of the equipment.

Adapter company: Aquilstar Precision Industrial (Shenzhen) Co., Ltd
Adapter Model: ASSAA53A-050300

⚠ **DO NOT INGEST BATTERY,CHEMICAL BURN HAZARD**

The remote control supplied with 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 lead to death. 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.

Made for
iPod iPhone iPad

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

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nfc
The N Mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

FCC STATEMENT (for US customers)

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.

- **"Warning:** Changes or modifications to this unit not expressly approved by the 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."

FCC ID: Z8M-DS409

FOR CANADIAN CONSUMERS

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.
IC: 255A - 8038990

Identifying the Parts

Main Unit
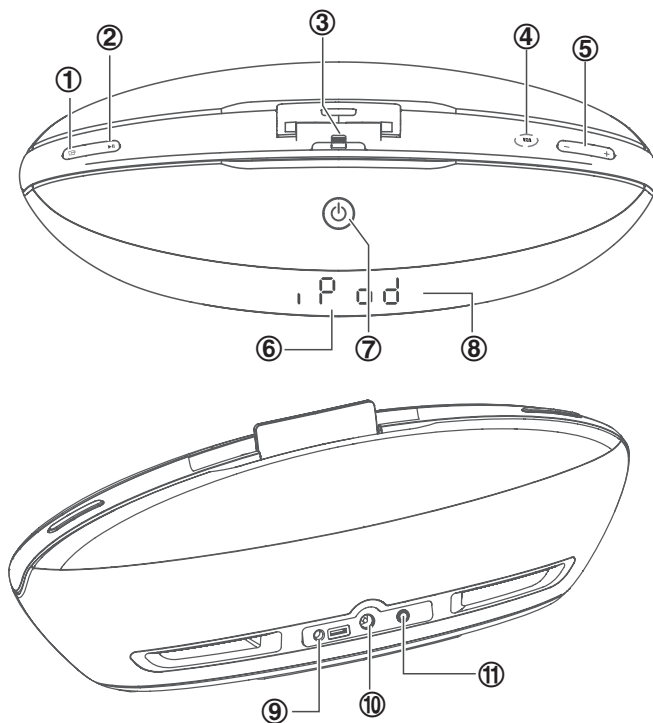
1 ⏏ button
Select a play function.

2 ►❚❚ button
Play/pause/resume playback.
Press and hold to activate the pairing
function in Bluetooth mode and disconnect
the existing paired Bluetooth device.
In FM mode, Press to automatically until a
station is found.
Mute or resume sound of unit in the AUX mode.

3 **Lightning Dock**
DOCK for iPod/iPhone/iPad

4 **N NFC Sensor area**

5 **VOL+/VOL-** button
Increase/decrease the volume level.
Press this button in the standby mode to
Adjust display brightness.

6 **Display**

7 ⏻ button
Switch the unit between ON and Standby
mode.

8 **Remote Control Sensor**
Receive the signal from the remote control.

9 **FM Antenna** Socket
Connect to a FM Antenna.

10 **DC~** Socket
Connect to adapter.

11 **LINE IN** Sockets

Remote Control
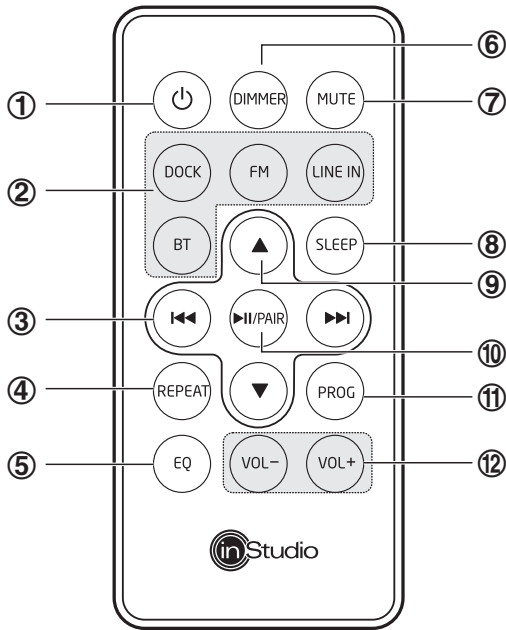
1 ⏻
   Switch the unit between ON and Standby mode.

2 **DOCK, FM, BT, LINE IN**
   Select the play function.

3 ⏮/⏭
   Skip to previous/next track.
   Search radio stations manually.
   Press and hold this button to search radio stations automatically.

4 **REPEAT**
   Select repeat play modes.

5 **EQ**
   Select a preset sound effect: POP, CLASS, ROCK, JAZZ, FLAT.

6 **DIMMER**
   Adjust display brightness.

7 **MUTE**
   Mute or resume the sound.

8 **SLEEP**
   Set the sleep timer.

9 ▲/▼
   Select a next/previous preset station.

10 ►❚❚/PAIR
   Start or pause play.
   Press and hold to activate the pairing function in Bluetooth mode and disconnect the existing paired Bluetooth device.

11 **PROG**
   Presets radio stations.
   Press and hold to scan for radio stations in FM mode.

12 **VOL+ /VOL-**
   Increase/decrease the volume level.

Preparations

Prepare the Remote Control

The provided Remote Control allows the unit to be operated from a distance.

Even if the Remote Control is operated within the effective range (6m), remote control operation may be impossible if there are any obstacles between the unit and the remote control.

If the Remote Control is operated near other products which generate infrared rays, or if other remote control devices using infra-red rays are used near the unit, it may operate incorrectly. Conversely, the other products may operate incorrectly.
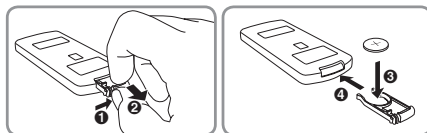

30°   30°

Max. 6 m
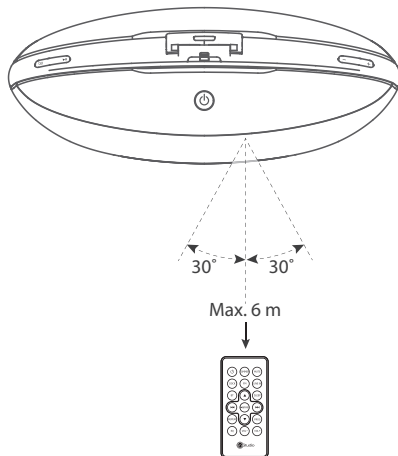
First-time use:

The unit has a pre- installed lithium CR2025 battery. Remove the protective tab to activate the remote control battery.
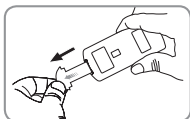
Replace the Remote Control Battery

1 Pull out the battery tray and remove the old battery.
2 Place a new CR2025 battery into the battery tray with correct polarity (+/-) as indicated.
3 Insert the battery tray back into the slot.


Precautions Concerning Batteries

- When the Remote Control is not going to be used for a long time (more than a month), remove the battery from the Remote Control to prevent it from leaking.
- If the batteries leak, wipe away the leakage inside the battery compartment and replace the batteries with new ones.
- Do not use any batteries other than those specified.
- Do not heat or disassemble batteries.
- Never throw them in fire or water.
- Do not carry or store batteries with other metallic objects as this may cause the batteries to short-circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.

Connect Power

1. Slot the jack plug on the power adaptor into the power point in the underside of the base as shown in the diagram above.
2. Slot the power adaptor into a wall socket and turn the power on, if required.t.

Note:
- Be sure to unplug the power cord from the outlet when the system is not in use for an extended period of time.
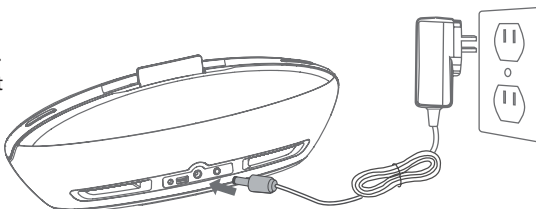
General Operation

Standby/ON

When you first connect the main unit to the mains socket, the main unit will be in Standby mode.

- Press the ⏻ button on the remote control or on main unit to switch the main unit **ON**.
- Press the ⏻ button on the remote control or on main unit to switch the main unit back to **Standby** mode.

Tips:

- When turning the system on, the system will continue in the mode it was in when it was turned off last time.
- Disconnect the mains plug from the mains socket if you want to switch the unit off completely.
- If there is no signal under the **DOCK, BT (Bluetooth)** or **LINE IN** mode, the unit will automatically switch off within 15 minutes.

Select Modes

Press the ⏏ button repeatedly on the unit or press the **DOCK, FM, LINE IN** or **BT** buttons on the remote control to select the desired mode. The selected mode will show on the display.

Adjust the Volume

- Press the **VOL +/–** buttons on the remote control or on the unit to adjust the volume.
- If you wish to turn the sound off, press the **MUTE** button on the remote control. Press the **MUTE** button again or press **VOL+/-** button on the remote control or on the unit to resume normal volume.

Select the Equaliser

Press the **EQ** button on the remote control or on the unit repeatedly to select:
[Pop] - [Class] -[Rock] - [Jazz] - [Flat]

Adjust the Brightness

In the standby mode, press the **VOL +/–** buttons on the unit or the **DIMMER** button on the remote control to adjust display brightness.

Set the Sleep Timer

This unit can switch to standby automatically after a set period of time.

1 Press the **SLEEP** button on the remote control repeatedly to select your desired number of minutes. The number of minutes shown will display in this sequence: 90 ➞ 60 ➞ 30 ➞ 15 ➞ 0

2 Stop pressing the **SLEEP** button when your desired number of minutes is displayed. The sleep timer is now set.

- Press the **SLEEP** button to view the remaining time before switch off.
- To cancel the sleep timer, press the **SLEEP** button repeatedly until "**0**" shows on the display.

LINE IN Operation

1 Ensure that the unit is connected to the TV or audio device.
- Connect the 3.5mm audio cable to the **LINE IN** socket on the rear of unit and to the headphone socket on the audio player.
2 Press the ⏎ button on the main unit or press the **LINE IN** button on the remote control to select **LINE IN** mode.
3 Operate your audio device directly for playback features.
4 Press the **VOL +/–** button to adjust the volume to your desired level.
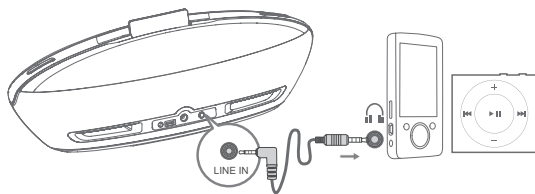
Bluetooth Operation

You can listen to music from a Bluetooth-enabled device via this player.

Note:
- The operational range between this player and a Bluetooth device is approximately 8 meters (without any object between the Bluetooth device and the unit).
- Before you connect a Bluetooth device to this unit, ensure you know the device's capabilities.
- Compatibility with all Bluetooth devices is not guaranteed.
- Any obstacle between this unit and a Bluetooth device can reduce the operational range.
- If the signal strength is weak, your Bluetooth receiver may disconnect, but it will re-enter pairing mode automatically.

Pair Bluetooth-enabled Devices

1 Press the ⏎ button on the main unit or press the **BT** button on the remote control to select **BT** (Bluetooth) mode. "**NO bt**" will show on the display if the unit is not paired to any Bluetooth device.
2 The system has entered pairing mode.
   Or press and hold the "►▐▐/PAIR" button on the remote control or the "►▐▐" button on the unit to be searchable. The display will show "**PAIR**" and you will hear **"Pairing"** from the unit.
3 Activate your Bluetooth device and select the search mode. **"IS 8038990"** will appear on your Bluetooth device.
4 Select **"IS 8038990"** in the pairing list. On successful pairing, you will hear **"Paired"** from the unit, and the display panel shows "**bt**".
5 Play music from the connected device.

To disconnect the Bluetooth function, you can :
- Switch to another function on the unit.
- Disable the function from your Bluetooth device. The Bluetooth device will be disconnected from the soundbar after the **"Disconnected"** voice prompt.
- Press and hold the ►▐▐/PAIR button on the remote control.

Tips:
- Enter "0000" for the password if necessary.
- If a connection exist, press and hold the "►▐▐/PAIR" button on the remote control or the "►▐▐" button on the unit to re-activate the pairing mode, the connection will be interrupted.
- If no other Bluetooth device pairs with this player within two minutes, the player will recover its previous connection.
- The player will also be disconnected when your device is moved beyond the operational range.

- If you want to reconnect your device to this player, place it within the operational range.
- If the device is moved beyond the operational range, when it is brought back, please check if the device is still connected to the player.
- If they are connected, display panel shows **"bt".**
- If the connection is lost, display panel shows **"NO bt".** Follow the instruction above to pair your device to the player again.

NFC (Near Field Communication) Operation

Pair your NFC-enabled mobile device directly with this unit by just a single tap.

1. Press the ⟳ button on the main unit or press the **BT** button on the remote control to select **BT** (Bluetooth) mode.
2. Activate NFC on your mobile device.
3. Tap the mobile device on the NFC sensing area of the unit. The device vibrates or a message pops up. Your unit will switch to Bluetooth mode automatically.
4. Operate your mobile device directly for playback features.
- To disconnect, tap the mobile device on the NFC sensing area of the unit again or disable NFC from your mobile device.

NOTE:
- The NFC function only works with mobile devices that support NFC technology.
- You may need to remove your mobile device case to connect using NFC.

Listen to Music from Bluetooth Device

- If the connected Bluetooth device supports Advanced Audio Distribution Profile (A2DP), you can listen to the music stored on the device through the player.
- If the device also supports Audio Video Remote Control Profile (AVRCP), you can use the player's remote control to play music stored on the device.
1 Pair your device with the player.
2 Play music via your device (if it supports A2DP).
3 Use supplied remote control to control play (if it supports AVRCP).
- To pause/resume play, press the ►❙❙ button on the unit or the ►❙❙/**PAIR** button on the remote control.
- To skip to a track, press the ❙◄◄,►►❙ buttons on the unit or on the remote control.

iPod/iPhone/iPad Operation

Using the dock, you can use the unit to play music files stored on your iPod/iPhone/iPad.

1. Press down docking cover of the unit to flip the docking cover up.
2. Insert the DOCK Stand behind the lightning dock connector. Insert your iPod/iPhone/iPad into the lightning dock.
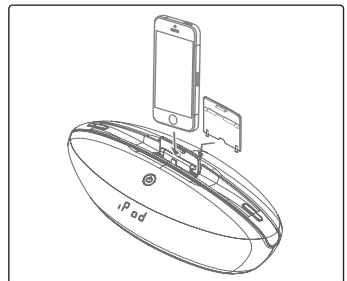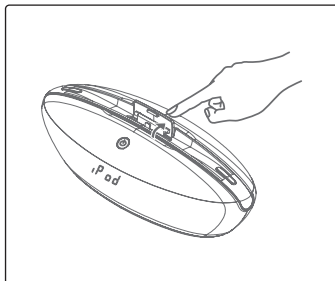
3   Press the ⏎ button on the main unit or press the **DOCK** button on remote control to select the DOCK mode.
4   Start to play the connected iPod/iPhone/iPad.
•   To pause/resume play, press the ►‖button.
•   To skip to a track, press the ◄◄/►►► buttons.
•   To search during play: press and hold ◄◄/►►► buttons, then release to resume normal play.
•   To select repeat play options: press the **REPEAT** button repeatedly to select a repeat option play mode.

Charge the iPod/iPhone/iPad

The docked iPod/iPhone/iPad begins to charge as soon as the unit is connected to AC power.

FM Operation

Auto Scan and Save Preset Station
-   Ensure that the unit is connected FM antenna.
1   Press the ⏎ button on the main unit or press the **FM** button on the remote control to select **FM** mode.
2   Press and hold the **PROG** button on the remote control to activate automatic programming. All available stations are programmed in the order of waveband reception strength.
-   The first programmed radio station is played automatically.
•   **Tune to a Preset Radio Station**
-   Press the ▲,▼ buttons to select a preset number that you want.
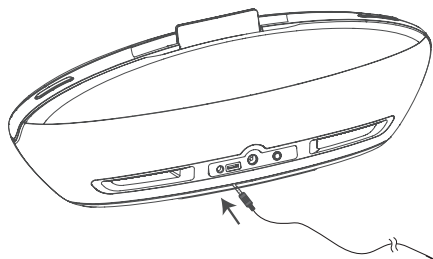
Tuning in a Station
•   **Tune in radio stations automatically**
-   Press and hold the ◄◄/►►► buttons, the frequency changes down or up automatically until a station is found.
-   The search may not stop at a station with a very weak signal.
•   **Tune in radio stations manually**
-   Press the ◄◄/►►► buttons repeatedly until you find the station you want.
-   If reception is still poor, try to adjust the position of the aerial or try to move the radio to another location.

Presetting Stations Manually
You can preset up to 20 FM stations.
1   Tune in the desired station, then press the **PROG** button.
2   Press the ▲/▼ or number (0~9) buttons to select the preset number.
3   Press the **PROG** button to store the station.
4   Repeat above steps 1 to 3 for each station you want to store in memory with a preset number.

Troubleshooting

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this unit, check the following points before requesting service.

No power
- Ensure that the AC Power Adapter of the unit is connected properly.
- Ensure that there is power at the DC outlet.
- Press standby button to turn the unit on.

Remote control does not work
- Before you press any playback control button, first select the correct source.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/-) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

I can't find the Bluetooth name of this unit on my Bluetooth device
- Ensure the Bluetooth function is activated on your Bluetooth device.
- Re-pair the unit with your Bluetooth device.

Poor radio reception
- Increase the distance between the unit and your TV and VCR.