# RSR®

## TB232SW

# USER MANUAL

# Contents

# 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 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 use 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 dry cloth.

7  Do not block any ventilation openings. Install in accordance with the manufacture'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  Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

10  Do not defeat 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, consult an electrician for replacement of the obsolete outlet.

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

12  Only use attachments/accessories specified by the manufacturer.

13  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/apparatuscombination to avoid injury from tip-over.

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

15  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 has been exposed to rain or moisture, does not operate normally, or has been dropped.

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

17  To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on apparatus.

18  The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

## Warning

-  The battery (batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

- These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- Avoid foreign bodies and liquids entering the device.
- Do not place open e.g. lit candles, on or directly adjacent to the device.
- Do not use any corrosive or abrasive cleaning agents. These could damage the surface of the device.
- Please refer the information on exterior bottom enclosure for electrical and safety information before installing or operating the apparatus.
- The marking label is pasted on the bottom or back of the equipment.

## ⚠ WARNING

### DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. 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. 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.

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

**Bluetooth**

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**FCC INFORMATION (for US customers)**

**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 equip ment 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 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.
- Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.
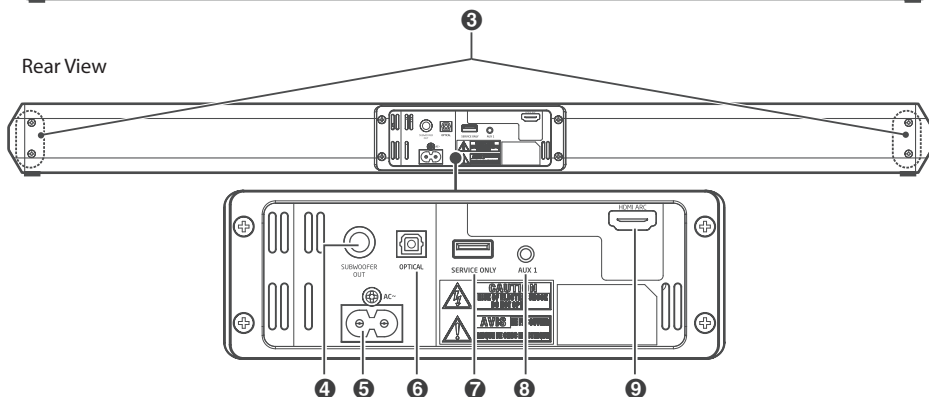
# Identifying the Parts

## Main Unit

Front View
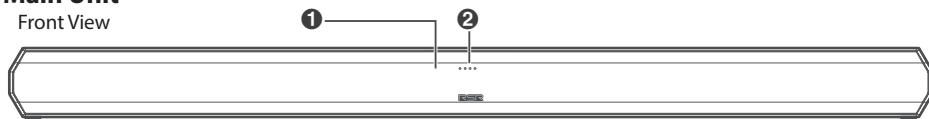


Rear View



**1 Remote Control Sensor**

**2 LED Indicators**
red/Green indicator: In STANDBY/AUX mode.
Orange indicator: In Optical mode.
Blue indicator: In Bluetooth mode.
Orange indicator: In HDMI ARC mode.

**3 Wall bracket screws**

**4 SUBWOOFER OUT Socket**

**5 AC~ Socket**
Connect a power cord.

**6 OPTICAL** Socket

**7 SERVICE ONLY** Socket
The USB socket is for service only. It is not designed to charge smartphones, tablets or similar devices.

**8 AUX 1** Socket
Connect to an external audio device.

**9 HMDI ARC** Socket

## Remote Control



| | | |
|---|---|---|
| **1** | ⏻ | Switch the unit between ON and STANDBY mode. |
| **2** | **MUTE** | Mute or resume the sound. |
| **3** | **SOURCE** buttons | Select the play mode. |
| **4** | **VOL+/VOL-** | Increase/decrease the volume level. |
| **5** | ►❚❚/**PAIR** | Play/pause/resume playback in Bluetooth mode. Press and hold to activate the pairing function in Bluetooth mode or disconnect the existing paired Bluetooth device. |
| **6** | ❙◄◄, ►►❙ | Skip to previous/next track in Bluetooth mode. |
| **7** | **EQ** buttons | Select a preset sound effect. |
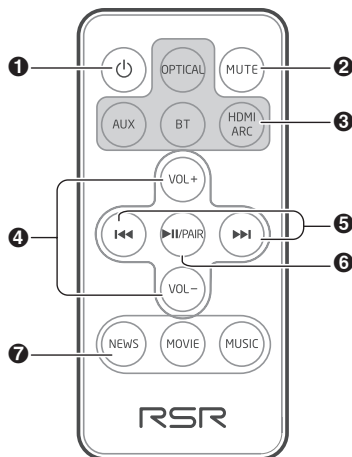
# Preparations

## 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.
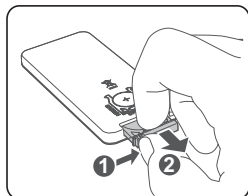
### First-time use:

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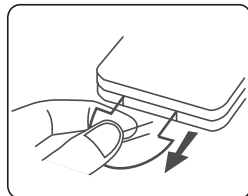
## Replace the Remote Control Battery

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 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. Doing so could cause batteries to short circuit, leak or explode.
- Never recharge a battery unless it is confirmed to be a rechargeable type.
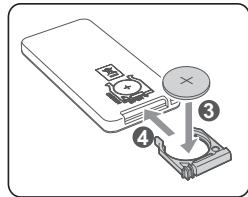
## Placement and Mounting

## Placement
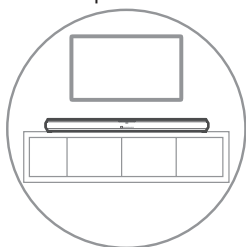
Option - A          Option - B
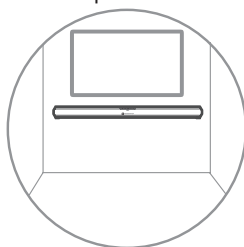
## Wall Mounting (if using option-B)

Note:

- Installation must be carried out by qualified personnel only. Incorrect assembly can result in severe personal injury and property damage (if you intend to install this product yourself, you must check for installations such as electrical wiring and plumbing that may be buried inside the wall). It is the installer's responsibility to verify that the wall will safely support the total load of the unit and wall brackets.
- Additional tools (not included) are required for the installation.
- Do not overtighten screws.
- Keep this instruction manual for future reference.
- Use an electronic stud finder to check the wall type before drilling and mounting.

**1** Remove the screws from the main unit.
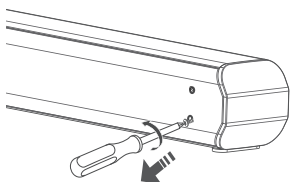
**2** Attach the wall brackets to the main unit with the screws removed from the main unit.
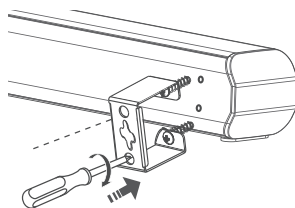
**3** Drill 2 parallel holes (Ø 3-8 mm each according to wall type) in the wall. The distance between the holes should be 760 mm.

wall mount guide
2.5 feet
(760 mm)
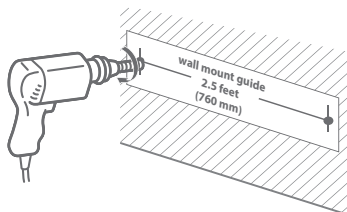
**4** Firmly fix 1 dowel into each hole in the wall if necessary.

Dowel

✔ Solid wall (i.e., Solid brick, Solid concrete, Solid wood, Solid wooden battens)

✘ Drywall, Plaster wall, Lath wall, etc.
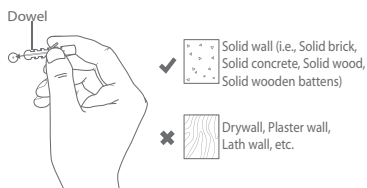
**5** Leave a 5 mm gap between the wall and the screw's head. Lift the unit with the attached wall brackets over the heads of the screws and slot into place.

3 -3.5 mm
5mm
> 25mm
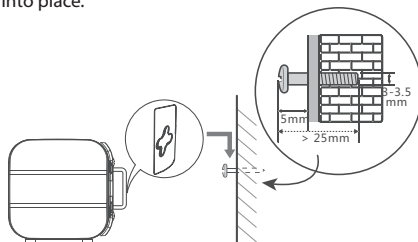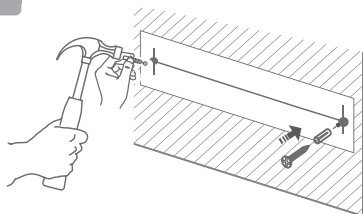
# Connections

## HDMI socket

Using HDMI to connect the soundbar, AV equipment and TV:
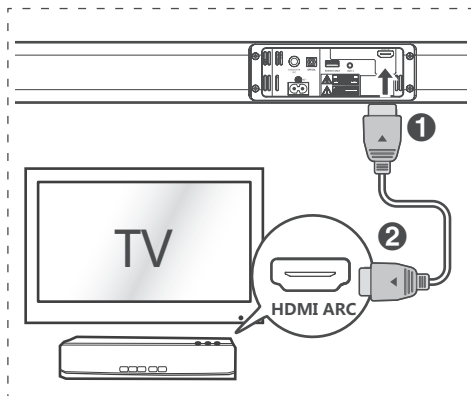


**ARC (Audio Return Channel)**

The ARC (Audio Return Channel) function allows you to send audio from your ARC- compliant TV to your sound bar through a single HDMI connection. To enjoy the ARC function, please ensure your TV is both HDMI-CEC and ARC compliant and set up accordingly. When correctly set up, you can use your TV remote control to adjust the volume output (VOL +/- and MUTE) of the sound bar.

- Connect the HDMI cable from unit's **HDMI OUT (ARC)** socket to the HDMI (ARC) socket on your ARC compliant TV. Then press the remote control to select **HDMI ARC**.

**Tips:**

- Your TV must support the HDMI-CEC and ARC function. HDMI-CEC and ARC must be set to On.
- The setting method of HDMI-CEC and ARC may differ depending on the TV. For details about ARC function, please refer to the owner's manual.
- Only HDMI 1.4 cables can support the ARC function.
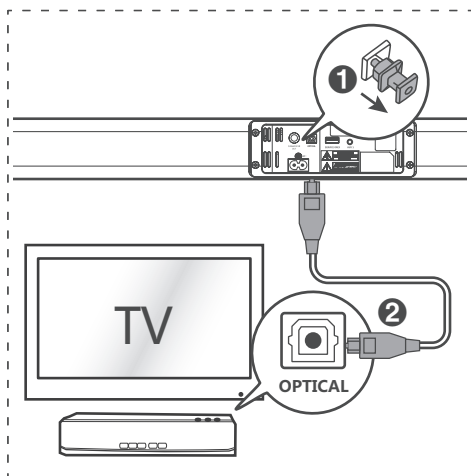


## Use the OPTICAL Socket

Remove the protective cap of the OPTICAL socket, then connect an OPTICAL cable (not included) to the TV's OPTICAL OUT socket and the OPTICAL socket on the unit.

**Tip:** While in **OPTICAL, HDMI ARC** mode, if there's no sound output from the unit, you may need to activate **PCM** Signal output on your source device (eg. TV, DVD or Blu-ray player).

## Use the AUX Socket

A. Use a RCA to 3.5mm audio cable (not included) to connect the TV's audio output sockets to the **AUX 1** socket on the unit.
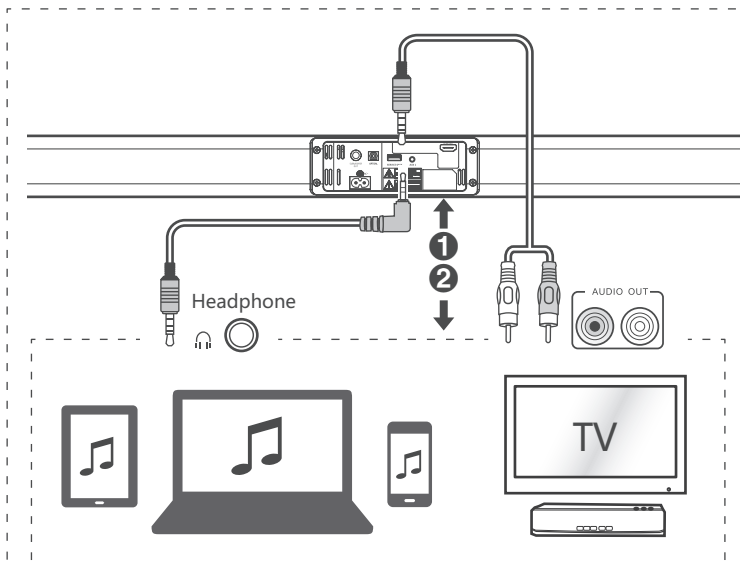


B. Use a 3.5mm to 3.5mm audio cable (included) to connect the TV's or external audio device headphone socket to the **AUX 1** socket on the unit.



The actual supply voltage is 120V~ 60Hz。
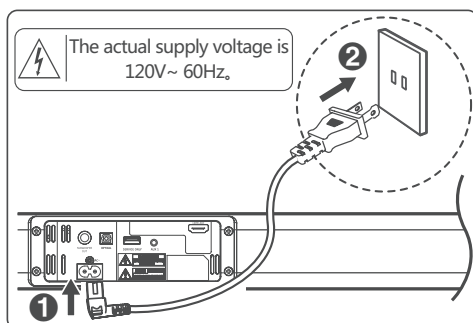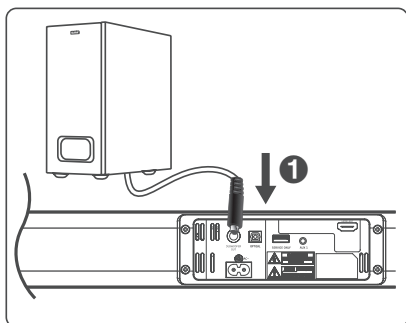
## Connect to Subwoofer

**Note:**

- For optimal sound, use the supplied Subwoofer only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the Specifications section of this manual.

## Connect Power

**Risk of product damage!**Ensure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.

- Before connecting the AC power cord, ensure you have completed all other connections.
- Connect the mains cable to the **AC~** Socket of main unit and then into a mains socket.

# Basic Operation

## Standby/ON

- When you first connect the unit to the main socket, the unit will be in STANDBY mode. The POWER indicator will light up red.
- Press the ⏻ button on the remote control to switch the main unit ON or OFF.
- Disconnect the main plug from the main socket if you want to switch the unit off completely.
- If a TV or an external device (Only for AUX socket) is connected, the unit will switch on automatically when the TV or the external device is switched on.
- When the unit no input signal for over 15 minutes, the unit will automatically switch to Standby mode.

## Select Modes

Press the **AUX** and **BT** (Bluetooth) buttons on the remote control to select the desired mode.

- In **AUX** mode: the status indicator lights up Green.
- In **Optical** mode: the status indicator lights up Orange.
- In **Bluetooth** mode: the status indicator lights up Blue.
- In **HDMI ARC** mode: the status indicator lights up Orange.

## Adjust the Volume

- Press the **VOL+ / VOL-** buttons on the unit or on the remote control 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 the **VOL+ / VOL-** buttons on the unit or on the remote control to resume normal listening.
- While adjusting the volume, the status indicator flashes quickly.
- While the volume level reaches its maximum level, if you press the **VOL+** button again, the status indicator flashes once. While the volume level reaches its minimum level, if you press the **VOL-** button again, the status indicator flashes once.

## Select a Preset Sound Effect

While playing, press the **NEWS** or **MOVIE** or **MUSIC** buttons on the remote control to select between preset equalisers: **Movie** (recommended for viewing movies), **Music** (recommended for listening to music), **NEWS** (recommended for listening to NEWS).

# AUX / OPTICAL / HDMI ARC Operation

1. Ensure that the unit is connected to the TV or audio device.
2. Press the **AUX / OPTICAL / HDMI ARC** button on the remote control to select the desired mode.
3. Operate your audio device directly for playback features.
4. Press the **VOL +/–** button to adjust the volume to your desired level.

**Tip:** While in **OPTICAL, HDMI ARC** mode, if there's no sound output from the unit, you may need to activate **PCM** Signal output on your source device (eg. TV, DVD or Blu-ray player).

# Bluetooth Operation

## Pair Bluetooth-enabled Devices

The first time you connect your bluetooth device to this player, you need to pair your device to 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.

1   Press the **BT** button on the remote control to select Bluetooth mode. The **Blue** indicator will light flash.
2   The system has entered pairing mode.
-   Or press and hold the **"►▮▮/PAIR"** button on the remote control to be searchable. After the "**Pairing**" voice prompt and the Blue indicator will flash rapidly.
3   Activate your Bluetooth device and select the search mode. **"TB232SW"** will appear on your Bluetooth device list.
4   Select **"B232SW"** in the pairing list. After the "**Paired**" voice prompt, the system is successfully connected and the Blue indicator will light up solidly.
5   Play music from the connected Bluetooth 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 unit after the "**Disconnected**" voice prompt.
-   Press and hold the "►▮▮/PAIR" button on the remote control.

**Tips:**

•   Enter "0000" for the password if necessary.
•   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 the connection is lost, follow the instructions above to pair your device to the player again.

## 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 ►▮▮/PAIR button on the remote control.
       - To skip to a track, press the ▮◄◄,►►▮ buttons on the remote control.

# 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 cord of the apparatus is properly connected .
- Ensure that there is power at the AC 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 for Bluetooth pairing
- Ensure the Bluetooth function is activated on your Bluetooth device.
- Ensure you have paired the unit with your Bluetooth device.

# Specifications

## Sound Bar

Power Supply ....................................................................................................................... AC120V~  60Hz

Power Consumption ....................................................................................................................30 W

Output Power ....................................................................................................................15 W x 2

Audio input sensitivity ................................................................................................................ 500mV

Frequency Response ....................................................................................................................30Hz - 20KHz

Unit Dimension (W x H x D) ................................................................................................31.5 x 2.4 x 2.4 inch

Speaker Impedance ....................................................................................................................4 Ω x 2

## Wire Subwoofer

Power Consumption ....................................................................................................................30 W

Frequency Response ....................................................................................................................40Hz - 200Hz

Impedance .................................................................................................................................... 6 Ω

Unit Dimension (W x H x D) ................................................................................................5.9 x 8.7 x 12.6 inch

## Remote Control

Distance/Angle....................................................................................................................19.7 feet (6m) / 30°

Battery Type........................................................................................................................CR2025

## Standard Accessories

Sound Bar .............................................................................................................................................. x 1

Wire Subwoofer ................................................................................................................................... x 1

Remote Control ................................................................................................................................... x 1

Power Cable .......................................................................................................................................... x 1

3.5mm to 3.5mm audio Cable ........................................................................................................ x 1

HDMI Cable ........................................................................................................................................... x 1

OPTICAL Cable ..................................................................................................................................... x 1

User Manual ......................................................................................................................................... x 1

QSG ......................................................................................................................................................... x 1

Wall mount guide ............................................................................................................................... x 1

Wall Brackets ........................................................................................................................................ x 1

- Design and specifications are subject to change without notice.