

**SAMSUNG**

# USER MANUAL

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HW-M450

# SAFETY INFORMATION

- The following also applies to the Wireless Subwoofer (PS-WM30).

## SAFETY WARNINGS

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

	<div style="background-color: black; color: white; padding: 5px; border: 1px solid black;"> <b>CAUTION</b>  <b>RISK OF ELECTRIC SHOCK.</b>  <b>DO NOT OPEN.</b> </div>	
	The lightning flash and arrowhead within the triangle indicates that there is dangerous voltage inside the product.	
	The exclamation point within the triangle indicates that there are important instructions accompanying the product.	
	Class II product : This symbol indicates that a safety connection to electrical earth (ground) is not required.	
	AC voltage : Rated voltage marked with this symbol is AC voltage.	
	DC voltage : Rated voltage marked with this symbol is DC voltage.	
	Caution. Consult Instructions for use : This symbol instructs the user to consult the user manual for further safety related information.	

## WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## CAUTION

- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases, on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

## FCC NOTE (for U.S.A):

### **Class B FCC Statement**

The included module(s) 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 of the following measures:

- Reorienting or relocating the receiving antenna.
- Increasing the separation between the equipment and receiver.
- Connecting the equipment to an outlet that is on a different circuit than the radio or TV.
- Consulting the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement :**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

**FCC Caution :**

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment. 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.
- This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

**Important Safety Instructions**

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below. Keep these operating instructions handy for future reference.

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 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 defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and 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 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 when the 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.

## PRECAUTIONS

1. Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the back of your product. Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches). Make sure the ventilation slots are not covered. Do not place the unit on amplifiers or other equipment which may become hot. This unit is designed for continuous use. To fully turn off the unit, disconnect the AC plug from the wall outlet. Unplug the unit if you intend to leave it unused for a long period of time.
2. During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.

3. Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and cause the unit to malfunction.
4. Protect the product from moisture (i.e. vases), and excess heat (e.g. a fireplace) or equipment creating strong magnetic or electric fields. Unplug the power cable from the AC wall socket if the unit malfunctions. Your product is not intended for industrial use. It is for personal use only. Condensation may occur if your product has been stored in cold temperatures. If transporting the unit during the winter, wait approximately 2 hours until the unit has reached room temperature before using.
5. The battery used with this product contains chemicals that are harmful to the environment. Do not dispose of the battery in the general household trash. Do not expose the battery to excess heat, direct sunlight, or fire. Do not short circuit, disassemble, or overheat the battery. Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type.

# ABOUT THIS MANUAL

The user manual has two parts: this simple paper USER MANUAL and a detailed FULL MANUAL you can download.



### USER MANUAL

See this manual for safety instructions, product installation, components, connections, and product specifications.



### FULL MANUAL

You can access the Full Manual on Samsung's on-line customer support center by scanning the QR code. To see the manual on your PC or mobile device, download the manual in document format from the website. (<http://www.samsung.com/support>)

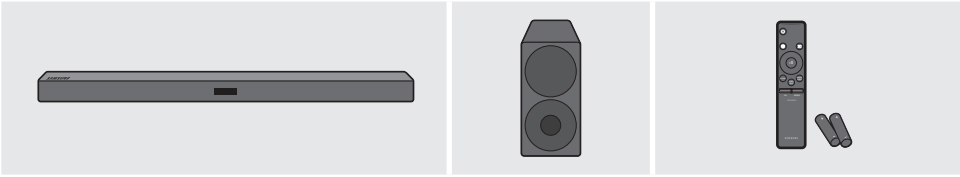
Design and specifications are subject to change without prior notice.

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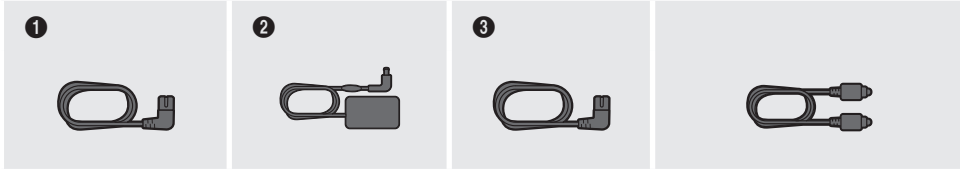
# 01 CHECKING THE COMPONENTS



Soundbar Main Unit

Subwoofer

Remote Control / Batteries  
(AH59-02758A)



1  
Power Cord  
(Subwoofer)  
(3903-001117)

2  
AC/DC Adapter  
(Main Unit)  
(BN44-00862A)

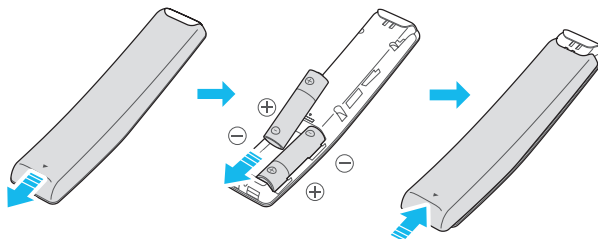
3  
Power Cord  
(AC/DC Adapter)  
(3903-001117)

Optical Cable  
(AH39-00779A)

- The power connection steps are labelled (1, 2, 3). For more information about power connections, see page 4.
- For Soundbar wall mounting components, see page 18.
- Micro USB to USB adapter and HDMI cables are sold separately. To purchase, contact a Samsung Service Center or Samsung Customer Care.

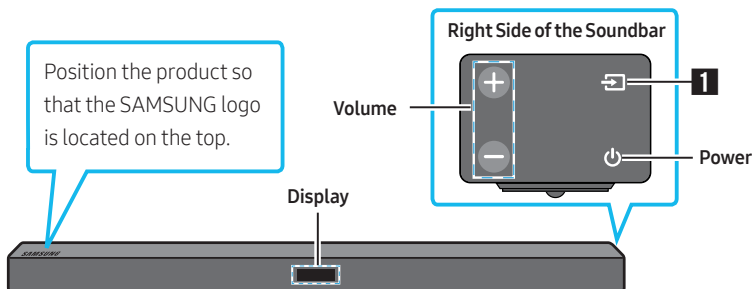
## Inserting Batteries before using the Remote Control (AA batteries X 2)

Slide the battery cover in the direction of the arrow until it is completely removed. Insert 2 AA batteries (1.5V) oriented so that their polarity is correct. Slide the battery cover back into position.

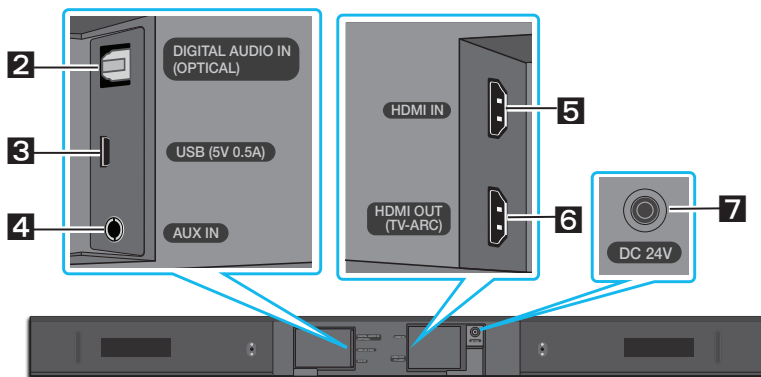



# 02 PRODUCT OVERVIEW

## Front Panel / Right Side Panel of the Soundbar



## Bottom Panel of the Soundbar



<b>1</b>	<b>Source</b>	Selects the source input mode. ( <b>D.IN / AUX / HDMI / BT / USB</b> ) <ul style="list-style-type: none"> <li>To turn on "<b>BT PAIRING</b>" mode, change the source to "<b>BT</b>" mode, and then press and hold the  (<b>Source</b>) button for more than 5 seconds.</li> </ul>
<b>2</b>	<b>D.IN</b>	Connect to the digital (optical) output of an external device.
<b>3</b>	<b>USB</b>	Connect a USB device here to play music files on the USB device through the Soundbar.
<b>4</b>	<b>AUX</b>	Connect to the Analog output of an external device.
<b>5</b>	<b>HDMI IN</b>	Inputs digital video and audio signals simultaneously using an HDMI cable. Connect to the HDMI output of an external device.
<b>6</b>	<b>HDMI OUT</b>	Connect to the HDMI (ARC) jack on a TV.
<b>7</b>	<b>DC 24V</b>	Connect the AC/DC power adapter. (Power Supply In)

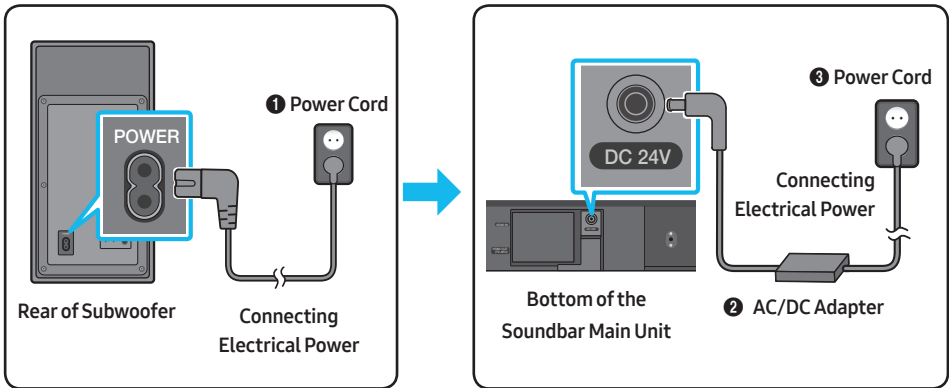
# 03 CONNECTING THE SOUNDBAR

## Connecting Electrical Power

Use the power components (1, 2, 3) to connect the units to electrical outlets in the following order:

1.) Subwoofer → 2.) Soundbar Main Unit. See the illustrations below.

- For more information about the required electrical power and power consumption, refer to the label attached to the product. (Label : Bottom of the Soundbar Main Unit)



- Make sure to rest the AC/DC Adapter flat on a table or the floor. If you place the AC/DC Adapter so that it is hanging with the AC cord input facing upwards, water or other foreign substances could enter the Adapter and cause the Adapter to malfunction.

# Connecting the Soundbar to the Subwoofer

When the subwoofer is connected, you can enjoy rich bass sound.

## Automatic connection between the subwoofer and the Soundbar

When you turn the power on after connecting the power cables to the Soundbar and subwoofer, the subwoofer is automatically connected to the Soundbar.

- When auto pairing is complete, the blue indicators at the rear of the subwoofer turn on.

## **LED Indicator Lights on the Rear of Subwoofer**

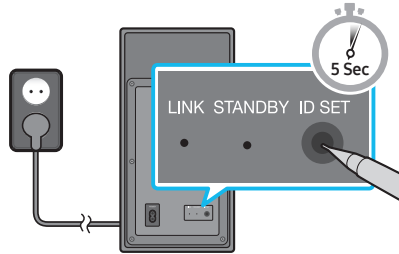
LED	Status	Description	Resolution
Blue	On	Successfully connected (normal operation)	-
	Blinking	Recovering the connection	Check if the power cable to the main Soundbar unit is connected properly or wait for a while. (If blinking persists, try manually connecting the subwoofer. See page 6.)
Red	On	Standby (with the Soundbar main unit turned off)	Check if the power cable to the main Soundbar unit is connected properly.
		Connection failed	Connect again. See the instructions for manual connection on page 6.
Red and blue	Blinking	Malfunction	See the contact information for the Samsung Service Center in the manual.

## Manually connecting the subwoofer if automatic connection fails

### Check before performing the manual connection

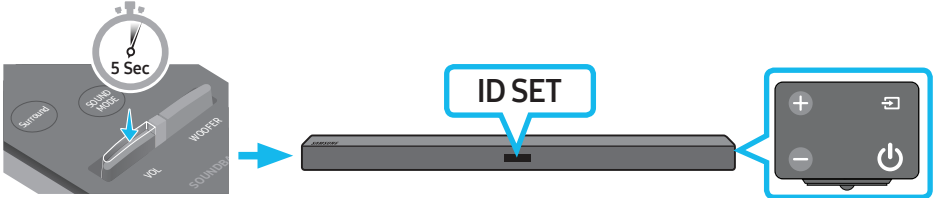
- Check whether the power cables for the Soundbar and subwoofer are connected properly.
- Make sure that the Soundbar is turned on.

1. Press and hold **ID SET** on the rear of the subwoofer for at least 5 seconds.  
The red indicator on the rear of the subwoofer turns off and the blue indicator blinks.



Rear of Subwoofer

2. Turn off the Soundbar.
3. Press and hold the **VOL** button on the remote control for at least 5 seconds with the Soundbar turned off (OFF).
4. The **ID SET** message appears on the display of the Soundbar for 1.3 seconds, and then disappears.



5. When the blue indicator on the subwoofer blinks, turn on the Soundbar's power by pressing **⏻ (Power)** button on the right side of the main unit or on the remote control.
6. When the connection is successfully established, the blue indicator on the rear of the subwoofer stops blinking and glows continuously.
  - If the connection process fails, the blue indicator will flash continuously. Go to Step 1 and start again.

**Expand to true wireless surround sound by connecting the Samsung Wireless Rear Speaker Kit (SWA-8500S) to your Soundbar (Sold separately). For more information, see the Samsung Wireless Rear Speaker Kit manual.**

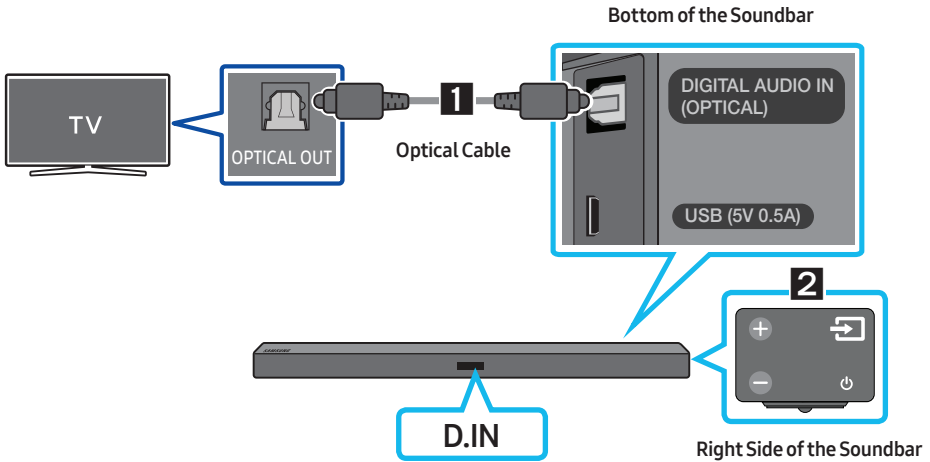
# 04 CONNECTING TO YOUR TV

Hear TV sound from your Soundbar through wired or wireless connections.

- When the Soundbar is connected to a selected Samsung TVs, the Soundbar can be controlled using the TV's remote control.
  - When using optical cable, this feature can be supported by 2017 Samsung Smart TVs that support Bluetooth.
  - This function also allows you to use the TV menu to adjust the sound field and various settings as well as the volume and mute.

## Method 1. Connecting with a Cable


### Connecting using an Optical Cable



1. Connect the **DIGITAL AUDIO IN (OPTICAL)** jack on the Soundbar to the OPTICAL OUT jack of the TV with a digital optical cable.
2. Press the **Source** button on the right side panel or remote control, and then select the **"D.IN"** mode.
  - When the Soundbar is connected to a Samsung smart TV released in 2017 or later, the Bluetooth POWER function automatically turns on to enable the Soundbar to be controlled with the TV remote control. (See page 16 for details on Bluetooth POWER.)

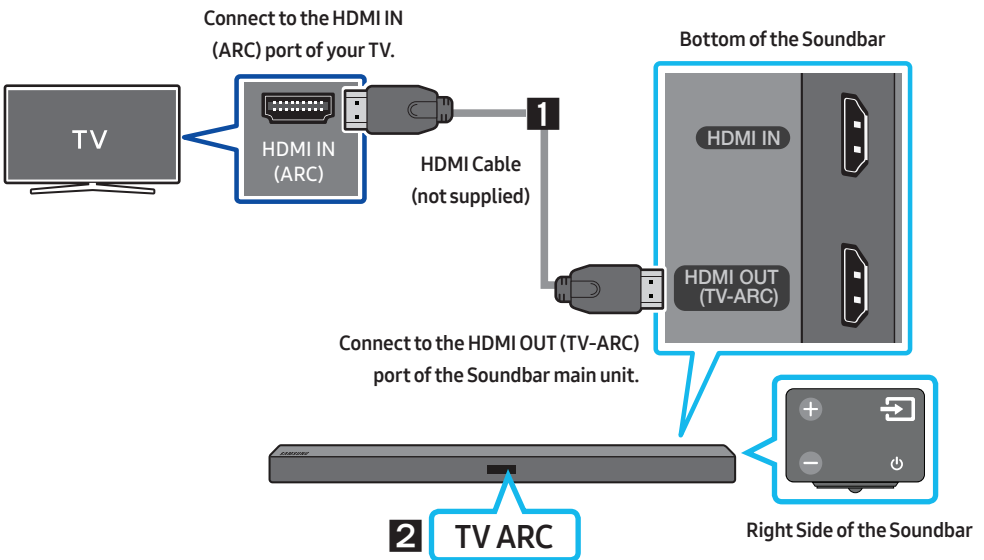
## Auto Power Link


Auto Power Link automatically turns on the Soundbar when the TV is turned on.

1. Connect the Soundbar and a TV with a digital optical cable.
2. Press the  (**Source**) button on the right side panel or on the remote control, and then select “D.IN”.
3. Press the **Left** button on the remote control for 5 seconds to turn Auto Power Link on or off.
  - Auto Power Link is set to ON by default.  
(To turn off this function, turn off Auto Power using the Soundbar.)
  - Depending on the connected device, Auto Power Link may not function.
  - This function is only available in the “D.IN” mode.



## Connecting a TV using an HDMI Cable



1. With the Soundbar and TV turned on, connect the HDMI cable (not supplied) as shown in the figure.
2. “TV ARC” appears in the display window of the Soundbar main unit and the Soundbar plays TV sound.
  - If TV sound is inaudible, press the  (**Source**) button on the remote control or on the right side of the Soundbar to switch to “D.IN” mode. The screen displays “D.IN” and “TV ARC” in sequence, and TV sound is played.

- If “TV ARC” does not appear in the display window of the Soundbar main unit, confirm that the cable is connected to the correct port.
- Use the volume buttons on the TV’s remote control to change the volume on the Soundbar.

## Method 2. Connecting Wirelessly



### Connecting a TV via Bluetooth

When a TV is connected using Bluetooth, you can hear stereo sound without the hassle of cabling.

- Only one TV can be connected at a time.




### The initial connection

1. Press the  (**Source**) button on the right side panel or on the remote control, and then select “BT”.
2. Change “BT” to “BT PAIRING”.
  - If “BT READY” appears, press and hold the  (**Source**) button on the right side panel of the Soundbar or on the remote control for more than 5 seconds to display “BT PAIRING”.
3. Select Bluetooth mode on the TV. (For more information, see the TV’s manual.)
4. Select “[AV] Samsung Soundbar Mxxx M-Series” from the list on TV’s screen.
 


An available Soundbar is indicated with “Need Pairing” or “Paired” on the TV Bluetooth device list. To connect to the Soundbar, select the message and establish a connection.

  - When the TV is connected, [TV Name] → “BT” appears on the Soundbar’s front display.
5. You can now hear TV sound from the Soundbar.

### If the device fails to connect

- If the previously connected Soundbar listing (e.g. “[AV] Samsung Soundbar Mxxx M-Series”) appears in the list, delete it.
- In “BT” mode, press and hold the  (**Source**) button for more than 5 seconds on the right side of the Soundbar or on the remote control to switch to “BT PAIRING” mode. Then, select “[AV] Samsung Soundbar Mxxx M-Series” from the TV’s search list.


## What are the BT READY and BT PAIRING statuses?

- **BT READY** : In this mode, you can search for previously connected TVs or connect to the Soundbar from a previously connected mobile device.
- **BT PAIRING** : In this mode, you can connect to a new device. (While in “BT” mode, press and hold the  (Source) button for more than 5 seconds on the right side of the Soundbar or on the remote control.)

## NOTES

- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Soundbar and the Bluetooth device exceeds 32.8 ft.
- The Soundbar automatically turns off after 5 minutes in the Ready state.
- The Soundbar may not perform Bluetooth search or connection correctly under the following circumstances:
  - If there is a strong electrical field around the Soundbar.
  - If several Bluetooth devices are simultaneously paired with the Soundbar.
  - If the Bluetooth device is turned off, not in place, or malfunctions.
- Electronic devices may cause radio interference. Devices that generate electromagnetic waves must be kept away from the Soundbar main unit - e.g., microwaves, wireless LAN devices, etc.

## Disconnecting the Soundbar from the TV

Press the  (Source) button on the right side panel or on the remote control and switch to any mode but “BT”.

- Disconnecting takes time because the TV must receive a response from the Soundbar. (The time required may differ, depending on the TV model.)
- To cancel automatic Bluetooth connection between the Soundbar and TV, press the **▶|| (Play/Pause)** button on the remote control for 5 seconds in “BT READY” status. (Toggle On → Off)

# 05 CONNECTING AN EXTERNAL DEVICE

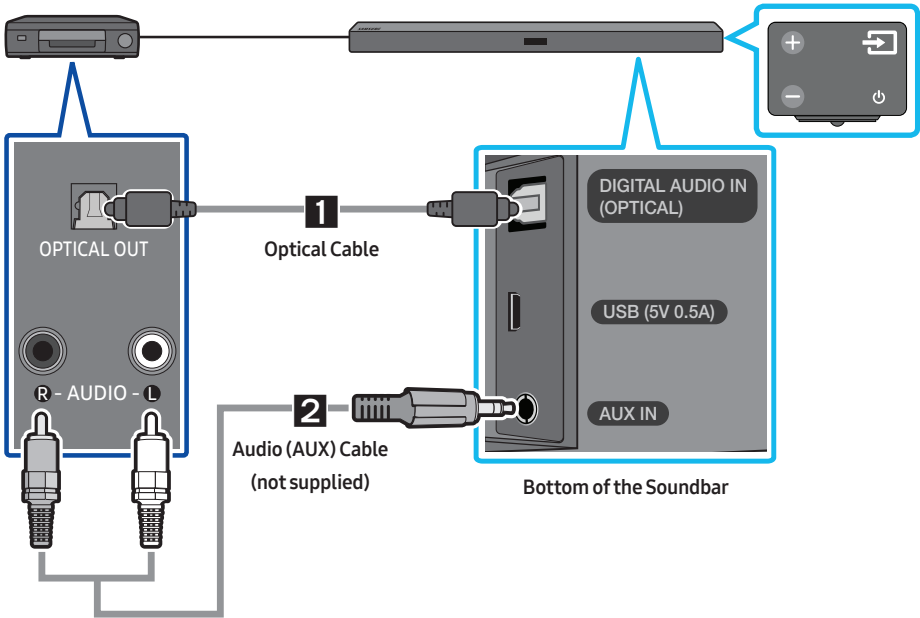
Connect to an external device via a wired or wireless network to play the external device's sound through the Soundbar.

## Connecting using an Optical or Analog Audio (AUX) Cable


BD / DVD player / Set-top box /

Game console


Right Side of the Soundbar



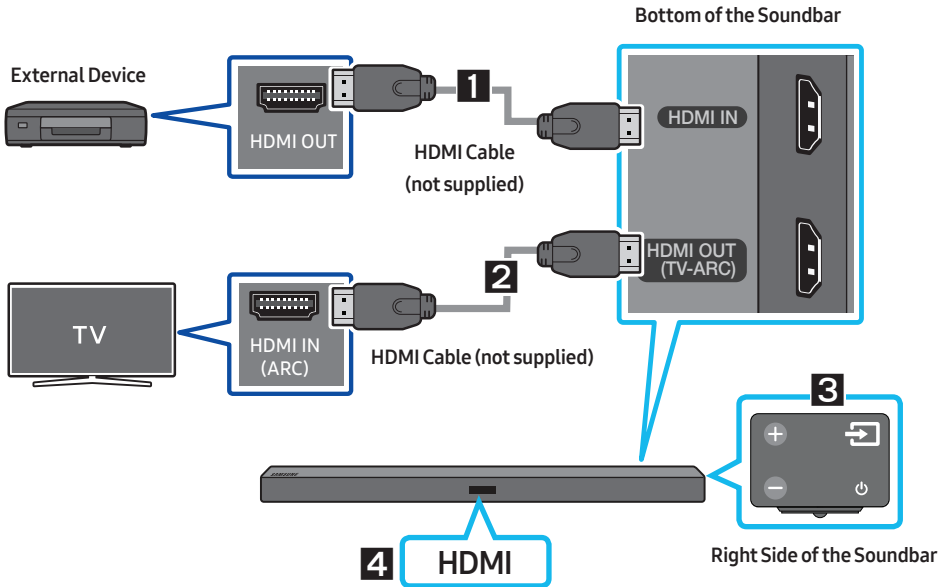
### 1 Optical Cable

- 1 Connect **DIGITAL AUDIO IN (OPTICAL)** on the main unit to the **OPTICAL OUT** jack of the Source Device using a digital optical cable.
- 2 Select "**D.IN**" mode by pressing the  (**Source**) button on the right side panel or on the remote control.

### 2 Audio (AUX) Cable

- 1 Connect **AUX IN** (Audio) on the main unit to the **AUDIO OUT** jack of the Source Device using an audio cable.
- 2 Select "**AUX**" mode by pressing  (**Source**) button on the right side panel or on the remote control.

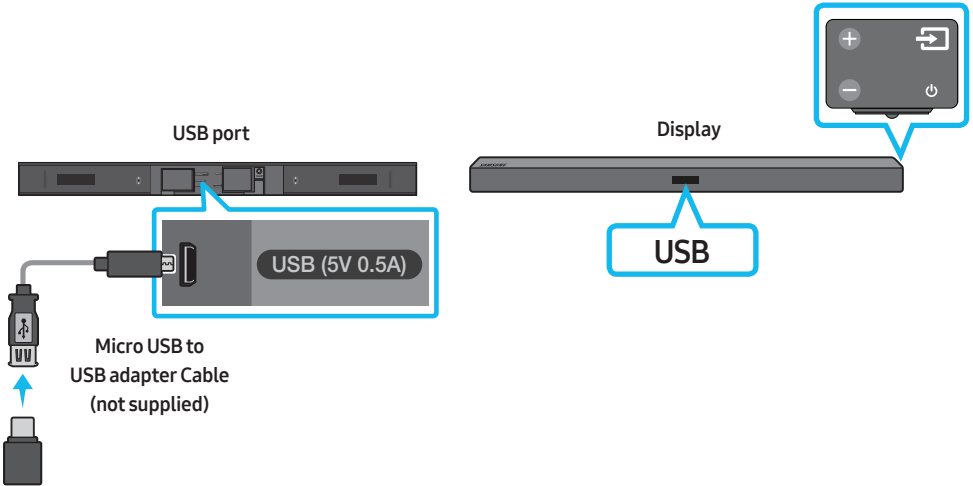
# Connecting using an HDMI Cable




1. Connect an HDMI cable (not supplied) from the **HDMI IN** jack on the back of the product to the **HDMI OUT** jack on your digital device.
2. Connect an HDMI cable (not supplied) from the **HDMI OUT (TV-ARC)** jack on the back of the product to the **HDMI IN** jack on your TV.
3. Press the **Source** button on the right side panel or on the remote control, and then select "HDMI".
4. "HDMI" mode is displayed on the Soundbar display panel and sound plays.

# 06 CONNECTING A USB

You can play music files located on USB storage devices through the Soundbar.



1. Connect a Micro USB to USB adapter cable with a male USB 2.0 Micro USB plug (Type B) on one end and a standard female 2.0 USB jack (Type A) on the other end to the micro USB jack on your Soundbar.
  - Micro USB to USB adapter Cable is sold separately. To purchase, contact a Samsung Service Center or Samsung Customer Care.
2. Connect your USB device to the female end of the adapter cable.
3. Press the  (**Source**) button on the right side panel or on the remote control, and then select "USB".
4. "USB" appears in the display screen.
5. Play music files from the USB storage device through the Soundbar.
  - The Soundbar automatically turns off (Auto Power Off) if no USB device has been connected for more than 5 minutes.

## Software Update

**Samsung may offer updates for the Soundbar's system firmware in the future.**

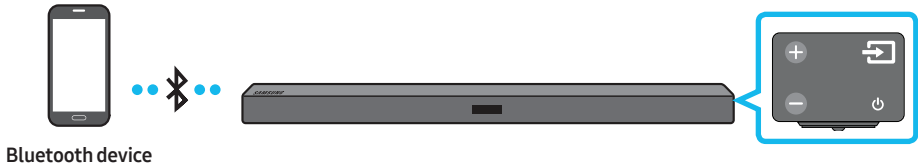
If an update is offered, you can update the firmware by connecting a USB device with the firmware update stored on it to the USB port on your Soundbar. For more information about how to download update files, go to the Samsung Electronics website at ([www.samsung.com](http://www.samsung.com) → Support). Then, enter or select the model of your Soundbar, select Software & Apps, and then Downloads. The option name can vary.

# 07 CONNECTING A MOBILE DEVICE



## Connecting via Bluetooth

When a mobile device is connected using Bluetooth, you can hear stereo sound without the hassle of cabling.


- You cannot connect more than one Bluetooth device at a time.



### The initial connection

1. Press the  (**Source**) button on the right side panel or on the remote control, and then select “BT”.
2. Change “BT” to “BT PAIRING”.
  - If “BT READY” appears, press and hold the  (**Source**) button on the right side panel of the Soundbar or on the remote control for more than 5 seconds to display “BT PAIRING”.
3. Select “[AV] Samsung Soundbar Mxxx M-Series” from the list.
  - When a Soundbar is connected to the Bluetooth device, [Bluetooth Device Name] → “BT” appears in the front display.
4. Play music files from the device, connected via Bluetooth, through the Soundbar.

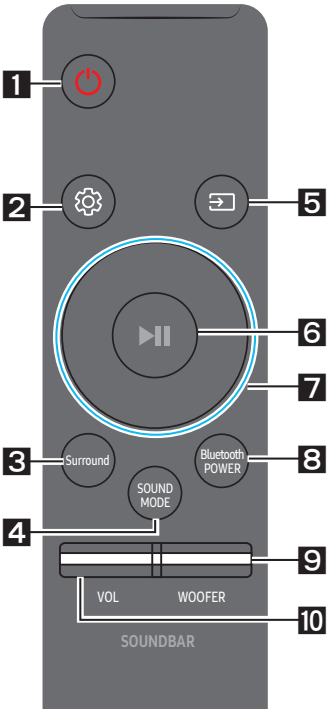
### If the device fails to connect







- If the previously connected Soundbar listing (e.g. “[AV] Samsung Soundbar Mxxx M-Series”) appears in the list, delete it.
- In “BT” mode, press and hold the  (**Source**) button for more than 5 seconds on the right side panel of the Soundbar or on the remote control to switch to “BT PAIRING” mode. Then, select “[AV] Samsung Soundbar Mxxx M-Series” from the Bluetooth device search list.





For more information about Bluetooth connections, refer to “Connecting a TV via Bluetooth” on pages 9~ 10.


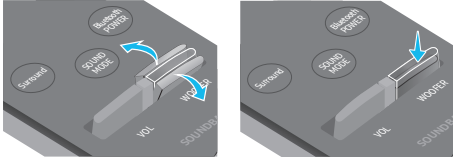

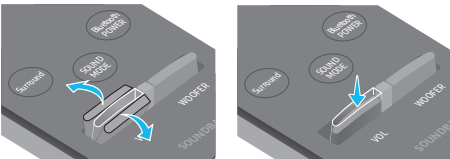
# 08 USING THE REMOTE CONTROL

## How to Use the Remote Control



<p><b>1</b></p>	 <b>Power</b>	<p>Turns the Soundbar on and off.</p>
<p><b>2</b></p>	 <b>Sound Control</b>	<p>You can select from <b>TREBLE</b>, <b>BASS</b>, or <b>AUDIO SYNC</b>.</p> <ul style="list-style-type: none"> <li>To control the volume of the treble or bass sound, select <b>TREBLE</b> or <b>BASS</b> in Sound Settings, and then adjust the volume between -6~+6 by using the <b>Up/Down</b> buttons.</li> <li>If the video and audio between the TV and your Soundbar are not synchronized, select <b>AUDIO SYNC</b> in Sound Settings, and then set audio delay between 0~300 milliseconds by using the <b>Up/Down</b> buttons. (Except “<b>USB</b>” mode)</li> <li>Audio Sync is only supported in some functions.</li> </ul>
<p><b>3</b></p>	 <b>Surround</b>	<p>The Surround Sound function adds depth and a sense of space to sound. Each time you press this button, ON and OFF alternate.</p> <ul style="list-style-type: none"> <li><b>ON</b> : Play sound over all the speakers.</li> <li><b>OFF</b> : You can hear the sound of the original source channel from several speakers.</li> </ul>
<p><b>4</b></p>	 <b>SOUND MODE</b>	<p>You can select the desired sound effect by choosing <b>STANDARD</b>, <b>MUSIC</b>, <b>CLEAR VOICE</b>, <b>SPORTS</b>, or <b>MOVIE</b>.</p> <ul style="list-style-type: none"> <li><b>DRC (Dynamic Range Control)</b> Lets you apply dynamic range control to Dolby Digital tracks. If you press and hold the <b>SOUND MODE</b> button while in standby mode, DRC (Dynamic Range Control) turns on or off. With the DRC turned on, loud sound is reduced. (The sound may be distorted.)</li> </ul>
<p><b>5</b></p>	 <b>Source</b>	<p>Press to select a source connected to the Soundbar.</p> <ul style="list-style-type: none"> <li><b>BT PAIRING mode</b> To turn on “<b>BT PAIRING</b>” mode in “<b>BT</b>” mode, press and hold the  (<b>Source</b>) button for more than 5 seconds. See page 14 for details.</li> </ul>

<p><b>6</b></p>  <p>Play / Pause</p>	<p>Press the ►   button to pause a music file temporarily. If you press the button again, the music file plays.</p>
<p><b>7</b></p>  <p>Up/Down/ Left/Right</p>	 <p><b>Press the indicated areas to select Up/Down/Left/Right.</b></p> <p>Press Up/Down/Left/Right on the button to select or set functions.</p> <ul style="list-style-type: none"> <li>• <b>Repeat</b> To use the Repeat function in “USB” mode, press the <b>Up</b> button.</li> <li>• <b>Music Skip</b> Press the <b>Right</b> button to select the next music file. Press the <b>Left</b> button to select the previous music file.</li> <li>• <b>Anynet+ / Auto Power Link</b> You can turn Anynet+ and Auto Power Link on or off. Anynet+ and Auto Power Link are controlled by the <b>Right</b> and <b>Left</b> buttons respectively. <ul style="list-style-type: none"> <li>– Anynet+ : If the Soundbar is connected to a Samsung TV through an HDMI cable, you can control your Soundbar with a Samsung TV remote control. Press and hold the <b>Right</b> button for 5 seconds to toggle Anynet+ ON and OFF.</li> <li>– Auto Power Link : If the Soundbar is connected to your TV through a digital optical cable, the Soundbar can automatically turn on when you turn on your TV. Press and hold the <b>Left</b> button for 5 seconds to toggle Auto Power Link ON and OFF.</li> <li>– Anynet+ / Auto Power Link are set to ON by default.</li> </ul> </li> </ul>
<p><b>8</b></p>  <p><b>Bluetooth POWER</b></p>	<p>Press to turn the Bluetooth POWER function on and off. When the Bluetooth POWER function is on, “<b>ON-BLUETOOTH POWER</b>” appears in the Soundbar’s display.</p> <ul style="list-style-type: none"> <li>• <b>Bluetooth POWER function</b> : If the Soundbar is in standby mode and the Bluetooth POWER function is On, when you turn on a previously connected Bluetooth device, the Soundbar automatically turns on and connects via Bluetooth to the device.</li> <li>• If you press the <b>Bluetooth POWER</b> button again to turn off the BT function, “<b>OFF-BLUETOOTH POWER</b>” appears in the Soundbar’s display.</li> <li>• If the “<b>D.IN</b>” mode is on and the Soundbar is connected to a Samsung smart TV released in 2017 or later, the Soundbar can be controlled with the TV remote control. In this mode, you cannot turn off Bluetooth POWER.</li> </ul>

<p><b>9</b></p>	 <p><b>WOOFER</b></p>	 <p>Push the button up or down to adjust the volume of the subwoofer to -12 or -6 to +6. Pressing the button reverts the subwoofer volume to level 0.</p>
<p><b>10</b></p>	 <p><b>VOL</b></p>	 <p>Push the button up or down to adjust the volume.</p> <ul style="list-style-type: none"> <li>• <b>Mute</b> Press the <b>VOL</b> button to mute the sound. Press it again to unmute the sound.</li> </ul>

## Adjusting the Soundbar volume with a TV remote control

Use the TV menu to set the TV speaker on a Samsung TV to external speakers. (For more information, see the TV's user manual.)

- After installing the Soundbar, you can adjust the Soundbar's volume using the IR remote control that came with a Samsung TV. (If you do not want to use this function, when the Soundbar is on, press and hold the **Surround** button for 5 seconds. "OFF-TV REMOTE" appears in the Soundbar's display and the function turns off.)  
To adjust the volume using only the Samsung TV remote control, press and hold the **Surround** button for more than 5 seconds until "**SAMSUNG-TV REMOTE**" appears in the Soundbar display.
  - Each time the **Surround** button is held for 5 seconds, the mode switches in the following order: "**SAMSUNG-TV REMOTE**" (Default mode) → "**OFF-TV REMOTE**" → "**ALL-TV REMOTE**".
- To adjust the Soundbar volume with the remote control that came with a TV made by a third party manufacturer, turn the Soundbar on, press and hold the **Surround** button for 5 seconds ("**OFF-TV REMOTE**" appears on the Soundbar's display), release the **Surround** button, and then press and hold the **Surround** button again for more than 5 seconds. ("**ALL-TV REMOTE**" appears on the Soundbar's display.)
  - This function may not be available, depending on the remote control.
  - For manufacturers that support this feature, refer to the FULL MANUAL for your Soundbar on the Samsung web site ([www.samsung.com/support](http://www.samsung.com/support)).
  - This volume control function works with IR TV remotes only. It does not work with Bluetooth TV remotes (remotes that require pairing)

# 09 INSTALLING THE WALL MOUNT

## Installation Precautions

- Install on a vertical wall only.
- Do not install in a place with high temperature or humidity.
- Verify whether the wall is strong enough to support the product's weight. If not, reinforce the wall or choose another installation point.
- Purchase and use the fixing screws or anchors appropriate for the kind of wall you have (plaster board, iron board, wood, etc.). If possible, fix the support screws into wall studs.
- Purchase wall mounting screws according to the type and thickness of the wall you want to mount the Soundbar on.
  - Diameter: M5
  - Length: 1 3/8 inches or longer recommended.
- Connect cables from the unit to external devices before you install the Soundbar on the wall.
- Make sure the unit is turned off and unplugged before you install it. Otherwise, it may cause an electric shock.

## Wallmount Components



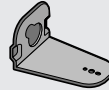
Wall Mount Guide (AH63-04369A)



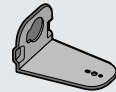
Holder-Screw (2 EA)  
(AH61-04110A)



Screw (2EA)  
(6003-001334)

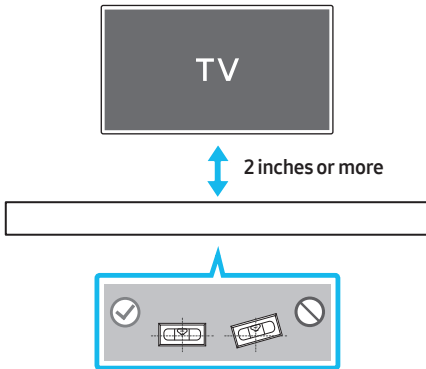


Bracket-Wall Mount L  
(AH61-04106A)

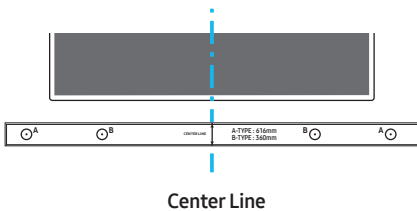


Bracket-Wall Mount R  
(AH61-04114A)

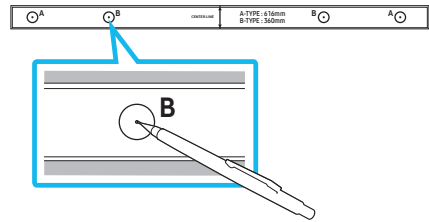
- Place the **Wall Mount Guide** against the wall surface.
  - The **Wall Mount Guide** must be level.
  - If your TV is mounted on the wall, install the Soundbar at least 2 inches (5 cm) below the TV.



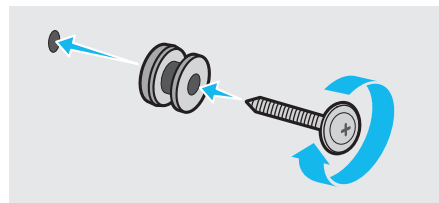
- Align the Paper Template's **Center Line** with the center of your TV (if you are mounting the Soundbar below your TV), and then fix the **Wall Mount Guide** to the wall using tape.
  - If you are not mounting below a TV, place the **Center Line** in the center of the installation area.



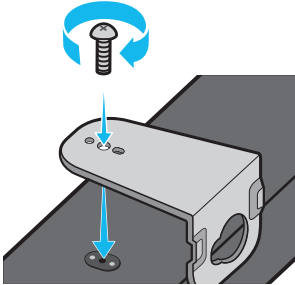
- Push a pen tip or sharpened pencil tip through the center of the **B-TYPE** images on each end of the Guide to mark the holes for the supporting screws, and then remove the **Wall Mount Guide**.



- Using an appropriately sized drill bit, drill a hole in the wall at each marking.
  - If the markings do not correspond to the positions of studs, make sure you insert appropriate anchors or mollies into the holes before you insert the support screws. If you use anchors or mollies, make sure the holes you drill are large enough for the anchors or mollies you use.
- Push a screw (not supplied) through each **Holder-Screw**, and then screw each screw firmly into a support screw hole.

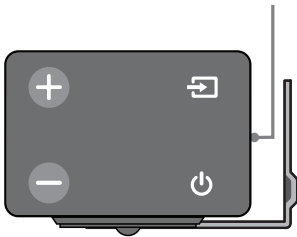


- Use the two **Screws** (M4 x L12) to attach both **Bracket-Wall Mount L** and **R** to the Soundbar's bottom.  
For a proper fit, make sure to align the bumps on the Soundbar to the holes on the brackets.



- When assembling, make sure the hanger part of the **Bracket-Wall Mounts** are located behind the rear of the Soundbar.

Rear of Soundbar



Right end of Soundbar

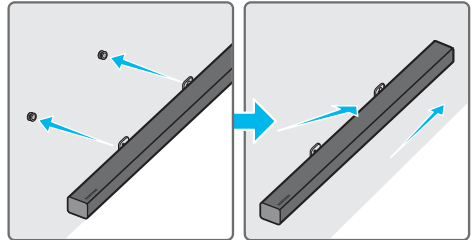
- The left and right mounts are different shapes. Make sure to position them correctly.



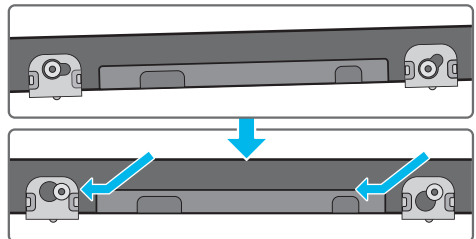
Wall Mount R

Wall Mount L

- Install the Soundbar with the attached **Bracket-Wall Mounts** by hanging the **Bracket-Wall Mounts** on the **Holder-Screws** on the wall.

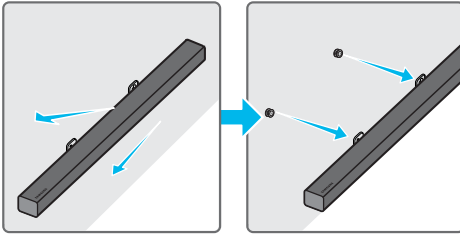


- Slightly tilt the Soundbar to insert both **Holder-Screw** heads into **Bracket-Wall Mount** holes. Push the Soundbar in the direction of the arrow to make sure both sides are firmly fixed.



## Detaching the Soundbar from the Wall

1. To separate the Soundbar from the wall mount, push it in the direction of arrow, tilt it up slightly, and then pull it away from the wall as shown.



- Do not hang onto the installed unit and avoid striking or dropping the unit.
- Secure the unit firmly to the wall so that it does not fall off. If the unit falls off, it may cause an injury or damage the product.
- When the unit is installed on a wall, please make sure that children do not pull any of the connecting cables, as this may cause it to fall.
- For the optimal performance of a wall mount installation, install the speaker system at least 2 inches (5 cm) below the TV, if the TV is mounted on the wall.
- For your safety, if you do not mount the unit on the wall, install it on a secure, flat surface where it is unlikely to fall.

# 10 TROUBLESHOOTING

Refer to the table below if this product does not function properly. If the problem you are experiencing is not listed below or if the instructions below do not help, turn off the product, disconnect the power cord, and contact Samsung Electronics at 1-800-SAMSUNG (1-800-726-7864).

## **The unit will not turn on.**

### **Is the power cord plugged into the outlet?**

- Connect the power plug to the outlet.

## **A function does not work when the button is pressed.**

### **Is there static electricity in the air?**

- Disconnect the power plug and connect it again.

## **Sound dropouts occur in BT mode.**

- See the Bluetooth connection sections on pages 9 and 14.

## **Sound is not produced.**

### **Is the Mute function on?**

- Press the **VOL** button to cancel the function.

### **Is the volume set to minimum?**

- Adjust the Volume.

## **The remote control does not work.**

### **Are the batteries drained?**

- Replace with new batteries.

### **Is the distance between the remote control and Soundbar main unit too far?**

- Move the remote control closer to the Soundbar main unit.

## **The red LED on the subwoofer blinks and the subwoofer is not producing sound.**

### **This issue can occur if the subwoofer is not connected to the Soundbar main unit.**

- Try to connect your subwoofer again. (See page 5.)

## **The subwoofer drones and vibrates noticeably.**

### **Try to adjust the vibration of your subwoofer.**

- Push the **WOOFER** button on your remote control up or down to adjust the subwoofer volume. (between -12, -6 ~ +6).

## 11 LICENSE

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## 12 OPEN SOURCE LICENSE NOTICE

To send inquiries and requests regarding open sources, contact Samsung via Email ([oss.request@samsung.com](mailto:oss.request@samsung.com)).

## 13 IMPORTANT NOTES ABOUT SERVICE

- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
- An administration fee may be charged if either:
  - a. An engineer is called out to your home at your request and there is no defect in the product.
  - b. You bring the unit to a repair center and there is no defect in the product.
- You will be advised of the amount of the administration fee before any work is done or a home visit is made.
- If you have a problem with this product, we strongly recommend you read the appropriate section of this manual, visit the Support page for your product at [www.samsung.com](http://www.samsung.com), or call Samsung Product Support (1-800-726-7864) to find an answer before you contact a service center for a repair.

# 14 SPECIFICATIONS AND GUIDE

## Specifications

GENERAL	USB		5V/0.5A
	Weight	Soundbar Main Unit	4.4 lbs (2.0 kg)
		Subwoofer (PS-WM30)	15.9 lbs (7.2 kg)
	Dimensions (W x H x D)	Soundbar Main Unit	35.8 x 2.1 x 2.8 inches (908.5 x 53.5 x 70.5 mm)
		Subwoofer (PS-WM30)	7.9 x 15.4 x 14.9 inches (200.0 x 392.0 x 378.0 mm)
	Operating Temperature Range		+41°F to +95°F (+5°C to +35°C)
Operating Humidity Range		10 % ~ 75 %	
AMPLIFIER	Rated Output power	Soundbar Main Unit	40W x 4, 6 ohm
		Subwoofer (PS-WM30)	160W, 3 ohm
Supported play formats (DTS 2.0 sound is played in DTS format.)			LPCM 2ch, Dolby Audio™ (supporting Dolby® Digital), DTS

### NOTES

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.
- For more information about the power supply and power consumption, refer to the label attached to the product. (Label : Bottom of the Soundbar Main Unit)
- Dispose unwanted electronics through an approved recycler.  
To find the nearest recycling location, go to our website: [www.samsung.com/recyclingdirect](http://www.samsung.com/recyclingdirect) or call (877) 278 - 0799

## LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

### **One (1) Year Parts and Labor\*** **(\*90 Days Parts and Labor for Commercial Use)**

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. Transportation of the product to and from the service center is the responsibility of the purchaser.

SAMSUNG will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above.

All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG.

Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

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This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, and except to the extent otherwise expressly provided for in this statement, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied and authorized by SAMSUNG, or which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal or reinstallation; reception problems and distortion related to noise, echo, interference or other signal transmission and delivery problems. SAMSUNG does not warrant uninterrupted or error-free operation of the product.

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# SAMSUNG



Certification model only

The party responsible for product compliance:  
Samsung Electronics Co., LTD.  
America QA lab of Samsung  
19 Chapin Rd. Building D,  
Pine Brook, New Jersey 07058

## QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT	WRITE
IN THE US	1-800-SAMSUNG (726-7864)	<a href="http://www.samsung.com/us/support">www.samsung.com/us/support</a>	Samsung Electronics America, Inc. 85 Challenger Road Ridgefield Park, NJ 07660

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