

# USER GUIDE

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**HW-Q990F / HW-Q930F**

**HW-Q900F / HW-Q800F**

To receive more complete service, please register your product at  
[www.samsung.com](http://www.samsung.com)

Figures and illustrations in this User Manual are provided for  
reference only and may differ from actual product appearance.

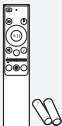
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# 01 CHECKING THE COMPONENTS



Soundbar



Remote Control / Battery



Subwoofer



Surround speaker  
(Left / Right)  
(HW-Q990F / HW-Q930F only)



Power cable  
(HW-Q990F / HW-Q930F only)



Power cable  
(HW-Q900F / HW-Q800F only)



HDMI Cable  
(HW-Q990F / HW-Q930F only,  
Not available in some regions)



Wall-mounting Guide



Holder-Screw



Screw  
(M4 x L10)



Wall-mounting Bracket

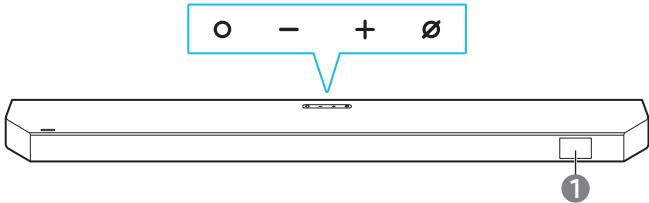


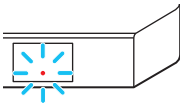
Rubber Foot

- For more information on power supply and power consumption, refer to the label attached on the bottom or back of the product.
- To purchase additional components or optional cables, contact a Samsung Service Center or Samsung Customer Care.
- For more details about the wall mount and rubber foot, see 21~23 page.
- To enhance the product, product design, specifications, and app interface may change without prior notice.
- The color and shape of parts may vary from what is depicted.

# 02 PRODUCT OVERVIEW

## Top side

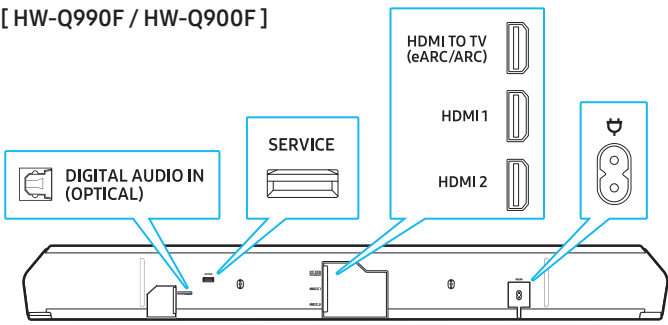


|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ○   | <b>(Multi) Button</b> <ul style="list-style-type: none"><li>• In Standby mode, you can turn on the soundbar by pressing the ○ <b>(Multi)</b> button.</li><li>• You can switch the source by pressing the ○ <b>(Multi)</b> button.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| — + | <b>(Volume) Button</b> <p>Adjusts the volume.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ∅   | <b>(Microphone) Button</b> <ul style="list-style-type: none"><li>• Press the button to turn the microphone on or off. When the microphone is off, the LED indicator will turn red.</li></ul> <div><div><b>Microphone off: red indicator on</b></div></div> <div><div><b>Microphone on: red indicator off</b></div></div> <ul style="list-style-type: none"><li>• Press and hold the ∅ <b>(Microphone)</b> button at the top of the soundbar for 3 seconds or longer to switch to <b>BT PAIRING</b> mode.</li></ul> |
| 1   | <b>Display</b> <p>Shows the status or current mode.</p> <p><b>TV ARC or eARC → HDMI or HDMI 1/HDMI 2 → Wi-Fi → BT → D.IN</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

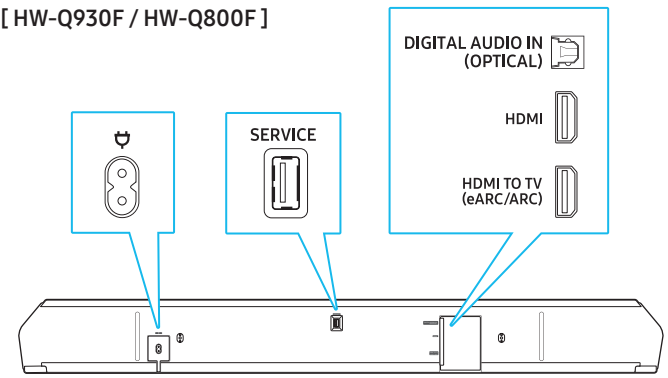
- When you turn on the soundbar, it may take 4 to 5 seconds for the sound to start.
- If audio plays from both the TV and soundbar, open the TV's Audio **Settings** menu, then select **External Speaker** instead of TV Speaker.

Bottom side

[ HW-Q990F / HW-Q900F ]



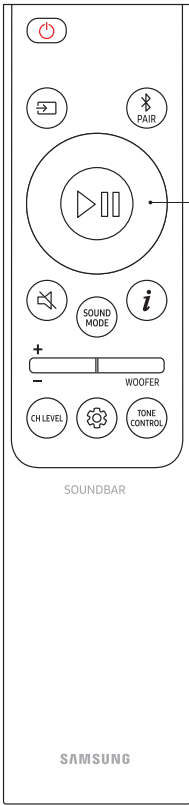
[ HW-Q930F / HW-Q800F ]



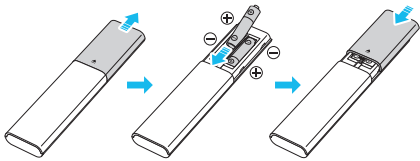
|                            |                                                                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIGITAL AUDIO IN (OPTICAL) | Connect to a digital (optical) output terminal of TV or external devices.<br>(Please see page 17.)                                                                            |
| SERVICE                    | Use this port to update firmware through USB.                                                                                                                                 |
| HDMI TO TV (eARC/ARC)      | Use this HDMI port to connect to a TV. (Please see page 12.)                                                                                                                  |
| HDMI or HDMI1/HDMI2        | This port is used for connecting an HDMI cable to transmit digital video and audio simultaneously.<br>Connect to an HDMI output of external devices.<br>(Please see page 16.) |
|                            | Connect the power cable to this power port.<br>(Please see page 8.)                                                                                                           |

03 USING THE REMOTE CONTROL

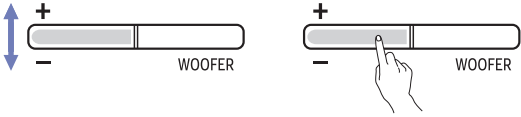
How to use the Remote Control



**Install Batteries (AAA battery X 2)**  
Slide the battery cover in the direction of the arrow until it is fully removed.  
After inserting the batteries (1.5V, AAA) in the correct direction, slide the back cover onto the remote control in the direction of the arrow.



|                            |                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>(POWER)                | Turns the soundbar on or off.<br>The soundbar will automatically turn off in the following situations. (Power saving mode)<br>• <b>TV ARC, HDMI or HDMI1/HDMI2, Wi-Fi, BT, D.IN</b> Mode: No audio signal input for 18 minutes or longer                                                                                                                                   |
| <br>(Source)               | • You can choose the device connected to the soundbar.<br>• Turn voice feedback on or off<br>You can turn voice feedback on or off.<br>With the soundbar turned off (in Standby mode), press and hold the  (Source) button on the remote control for 5 seconds.<br>Whenever you change the voice feedback settings, the display will show "AUI OFF" (default) or "AUI ON". |
| <br>(Bluetooth connection) | Puts the soundbar into the Bluetooth pairing mode. When you press the button, "BT PAIRING" will appear on the display and you can connect a new Bluetooth device.                                                                                                                                                                                                          |

|                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>(Up/Down/<br/>Left/Right)</p>        | <p>Use the Up/Down/Left/Right buttons to make fine adjustments.</p> <ul style="list-style-type: none"> <li>• <b>Skip a song</b><br/>Press the <b>Right</b> button to skip to the next song.<br/>Press the <b>Left</b> button to go to the previous song.</li> <li>• <b>ID SET</b><br/>Use this option if the subwoofer or surround speakers aren't connected and need to be reconnected.<br/>While powered off, press and hold the <b>Up</b> button for 5 seconds to perform <b>ID SET</b>. (Please see page 9.)</li> </ul>                                           |
|  <p>(Play/<br/>Pause)</p>               | <p>Starts or pauses playback.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  <p>(Mute)</p>                          | <p>To mute the soundbar, press the  (<b>Mute</b>) button. Press it again to unmute.</p>                                                                                                                                                                                                                                                                                                                                                                                              |
|  <p>(Sound<br/>mode)</p>                | <p>Select the desired sound mode among <b>Surround</b>, <b>Game Pro</b>, <b>Standard</b>, or <b>Adaptive Sound</b>.</p> <ul style="list-style-type: none"> <li>• <b>Standard</b><br/>The original sound will be played back.</li> <li>• <b>Surround</b><br/>Surround sound will be activated.</li> <li>• <b>Game Pro</b><br/>This mode is optimized for gaming, providing a more immersive sound experience.</li> <li>• <b>Adaptive Sound</b><br/>In this mode, content is analyzed in real time and optimal sound is played based on the type of content.</li> </ul> |
|  <p>(Info)</p>                        | <p>Press this button to view the codec information or the current status.<br/>In <b>BT</b> mode, the connected device (<b>Paired</b>) or <b>BT ready</b> (Need Pairing) will be displayed.</p>                                                                                                                                                                                                                                                                                                                                                                        |
|  <p>(Woofer<br/>(bass)<br/>Level)</p> |  <p>You can adjust the woofer (bass) levels by sliding the button up or down.</p>                                                                                                                                                                                                                                                                                                                                                                                                  |
|  <p>(Volume)</p>                      |  <p>Press the Up or Down button to adjust the volume.</p> <ul style="list-style-type: none"> <li>• <b>(Mute)</b><br/>Press the <b>Volume</b> button. Press it again to unmute.</li> </ul>                                                                                                                                                                                                                                                                                          |

|                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>(Channel<br/>level)</p>  | <p>You can adjust the volume of each speaker including the <b>Center level</b>, <b>Side level</b>, <b>Wide level</b>, <b>Front Top level</b>, <b>Rear level</b>, <b>Rear top level</b> and <b>Rear side level</b>.</p> <ul style="list-style-type: none"> <li>• To adjust the volume of each speaker, select <b>Center level</b>, <b>Side level</b>, <b>Wide level</b>, or <b>Front Top level</b> in the audio settings, then use the <b>Up/Down</b> buttons to adjust the volume within the range of -6 to +6.</li> <li>• When the surround speakers are connected, select <b>Rear level</b>, <b>Rear top level</b> or <b>Rear side level</b> and then use the <b>Up/Down</b> buttons to adjust the volume within the range of -6 to +6.</li> </ul> |
|  <p>(Sound<br/>Control)</p> | <p>You can select audio features such as <b>SpaceFit Sound Pro</b>, <b>AVA Pro</b>, <b>Voice Enhance</b>, <b>Night mode</b>, <b>Sync</b>, <b>Surround Speaker</b>, <b>Sound Grouping</b>, <b>Private Rear</b>, <b>Moderate Bass</b>, <b>Virtual</b>.<br/>To adjust a sound setting, press the Up or Down button to select your desired option.</p> <ul style="list-style-type: none"> <li>• (Please see Page “Setting the  (Sound Control)” of 6.)</li> </ul>                                                                                                                                                                                                     |
|  <p>(Tone<br/>control)</p>  | <p>Adjust the treble and bass levels by pressing the respective buttons. After selecting an option, use the <b>Up/Down</b> buttons to adjust the settings. This feature is available in all sound modes except the <b>Standard</b> mode.</p> <ul style="list-style-type: none"> <li>• Adjust the treble or bass levels by selecting <b>TREBLE</b> or <b>BASS</b> in the Sound Control. Then, use the <b>Up/Down</b> buttons to adjust the volume level within the range of -6 to +6.</li> <li>• When adjusting the BASS levels, the woofer levels will also be affected.</li> </ul>                                                                                                                                                                  |

## Setting the (Sound Control)

- **SpaceFit Sound Pro:** This feature analyzes your listening space using the soundbar's microphone to deliver optimal audio quality. Sound optimization runs automatically. (For more details, refer to "Using SpaceFit Sound Pro".)
- **AVA (Active Voice Amplifier) Pro:** This feature analyzes external noise to ensure clear voice quality. No data is collected or stored during analysis.
- **Voice Enhance:** Improves the dialogue quality in videos and TV shows, making it easier to hear.
- **Night Mode:** Optimizes the listening experience at night by lowering the volume while keeping spoken dialog clear.
- **Sound Grouping:** The full sound is played through both the soundbar and rear speakers, making it ideal for a group of people in a large space.
  - When the rear speakers are connected for the first time, the Sound Grouping menu will be available. After that, the menu will remain available, regardless of whether the rear speakers are connected.
  - In **Sound Grouping** mode, sound modes won't affect the audio.
  - Sound will only come from specific speakers, not from the soundbar and all rear speakers. This may vary by model.
- **Private Rear:** This feature allows you to send audio to only the rear speakers, so you can listen without being disturbed.
  - In this mode, no sound will come from the soundbar or subwoofer. Only the front channels of the rear speakers will produce sound.
  - In **Private Rear** mode, sound modes won't affect the audio.
  - When the soundbar is turned off or the connection to the rear speakers is lost, the mode will turn off.
  - The Private Rear Sound menu will only be available when a rear speaker is connected.
  - When connecting **Q-Symphony**, the Private Rear Sound mode will automatically turn off and can't be turned back on.
- If the video and audio are out of sync when played through the TV and soundbar, go to the Sound Control and select **Sync**. Then, use the Up/Down buttons to adjust the audio delay between 0 and 300 milliseconds.
  - Sync is supported only in certain functions.
- **Surround speaker** settings may vary, depending on the specifications of the compatible surround speakers (including soundbars).
- **Virtual :** While **Surround** sound mode is on, it provides extended sound effects when playing **Dolby/DTS** content. This feature can be turned On/Off by using the Up/Down buttons.
- **Moderate Bass:** When turned **On**, the subwoofer is muted and bass will be output through the soundbar. When turned **Off**, the subwoofer is turned on, and no bass will be output through the soundbar.
- To adjust the sound of each frequency, press and hold the  (**Sound Control**) button for about 5 seconds. You can select 150Hz, 300Hz, 600Hz, 1.2kHz, 2.5kHz, 5kHz, or 10kHz with the **Left/Right** buttons, and make adjustments within the range of -6 to +6 using the **Up/Down** buttons.  
(This feature only works when the sound mode is set to **Standard**.)

## Output specifications for each sound mode

### Using the subwoofer only

[ HW-Q900F ]

| Effect                           | Input               | Output                          |
|----------------------------------|---------------------|---------------------------------|
| Standard                         | 2.0 Channel         | 2.1 Channel                     |
|                                  | 5.1 Channel         | 5.1 Channel / 7.1 Channel (DTS) |
|                                  | 7.1 Channel         | 7.1 Channel                     |
|                                  | Dolby Atmos®, DTS:X | 7.1.2 Channel                   |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 7.1.2 Channel                   |
|                                  | 5.1 Channel         | 7.1.2 Channel                   |
|                                  | 7.1 Channel         | 7.1.2 Channel                   |
|                                  | Dolby Atmos®, DTS:X | 7.1.2 Channel                   |

[HW-Q800F]

| Effect                           | Input               | Output        |
|----------------------------------|---------------------|---------------|
| Standard                         | 2.0 Channel         | 2.1 Channel   |
|                                  | 5.1 Channel         | 5.1 Channel   |
|                                  | 7.1 Channel         | 5.1 Channel   |
|                                  | Dolby Atmos®, DTS:X | 5.1.2 Channel |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 5.1.2 Channel |
|                                  | 5.1 Channel         | 5.1.2 Channel |
|                                  | 7.1 Channel         | 5.1.2 Channel |
|                                  | Dolby Atmos®, DTS:X | 5.1.2 Channel |

### Using the subwoofer and surround speaker together

[HW-Q990F]

| Effect                           | Input               | Output                          |
|----------------------------------|---------------------|---------------------------------|
| Standard                         | 2.0 Channel         | 2.1 Channel                     |
|                                  | 5.1 Channel         | 5.1 Channel / 7.1 Channel (DTS) |
|                                  | 7.1 Channel         | 7.1 Channel                     |
|                                  | Dolby Atmos®, DTS:X | 7.1.4 Channel                   |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 11.1.4 Channel                  |
|                                  | 5.1 Channel         | 11.1.4 Channel                  |
|                                  | 7.1 Channel         | 11.1.4 Channel                  |
|                                  | Dolby Atmos®, DTS:X | 11.1.4 Channel                  |

[HW-Q930F]

| Effect                           | Input               | Output                          |
|----------------------------------|---------------------|---------------------------------|
| Standard                         | 2.0 Channel         | 2.1 Channel                     |
|                                  | 5.1 Channel         | 5.1 Channel / 7.1 Channel (DTS) |
|                                  | 7.1 Channel         | 7.1 Channel                     |
|                                  | Dolby Atmos®, DTS:X | 7.1.4 Channel                   |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 9.1.4 Channel                   |
|                                  | 5.1 Channel         | 9.1.4 Channel                   |
|                                  | 7.1 Channel         | 9.1.4 Channel                   |
|                                  | Dolby Atmos®, DTS:X | 9.1.4 Channel                   |

### Using the subwoofer and rear speaker (SWA-9500S, optional) together

[HW-Q900F]

| Effect                           | Input               | Output                          |
|----------------------------------|---------------------|---------------------------------|
| Standard                         | 2.0 Channel         | 2.1 Channel                     |
|                                  | 5.1 Channel         | 5.1 Channel / 7.1 Channel (DTS) |
|                                  | 7.1 Channel         | 7.1 Channel                     |
|                                  | Dolby Atmos®, DTS:X | 7.1.4 Channel                   |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 9.1.4 Channel                   |
|                                  | 5.1 Channel         | 9.1.4 Channel                   |
|                                  | 7.1 Channel         | 9.1.4 Channel                   |
|                                  | Dolby Atmos®, DTS:X | 9.1.4 Channel                   |

[ HW-Q800F ]

| Effect                           | Input               | Output                          |
|----------------------------------|---------------------|---------------------------------|
| Standard                         | 2.0 Channel         | 2.1 Channel                     |
|                                  | 5.1 Channel         | 5.1 Channel / 7.1 Channel (DTS) |
|                                  | 7.1 Channel         | 7.1 Channel                     |
|                                  | Dolby Atmos®, DTS:X | 7.1.4 Channel                   |
| Surround Game Pro Adaptive Sound | 2.0 Channel         | 7.1.4 Channel                   |
|                                  | 5.1 Channel         | 7.1.4 Channel                   |
|                                  | 7.1 Channel         | 7.1.4 Channel                   |
|                                  | Dolby Atmos®, DTS:X | 7.1.4 Channel                   |

The surround speakers won't produce sound for 2-channel output while the **Standard** effect mode is active. To turn on sound for the surround speakers, change the effect mode to **Surround**.

# Adjusting the Soundbar Volume with the TV Remote Control

This feature allows you to adjust the soundbar volume using the TV's remote control.

- This function can only be used with an IR remote control. Bluetooth remote controls (those that need pairing) aren't supported.
- Set the TV speaker to **External speaker** to use this function.
- Manufacturers that support this feature  
Samsung, VIZIO, LG, Sony, Sharp, PHILIPS, PANASONIC, TOSHIBA, Hisense, RCA

1. Turn off the soundbar.
2. Push the **Woofer Level** button up and hold for 5 seconds.  
When you press and hold the **Woofer Level** button for up to 5 seconds, the mode will change in the following sequence: **OFF-TV REMOTE** (default), **SAMSUNG-TV REMOTE**, and then **ALL-TV REMOTE**.

| Remote control button                                                     | Display                                                                                                                | Status                                                                      |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <div>5 seconds</div> <div><div>+</div><div>WOOFER</div><div>↑</div></div> | <br>(Default)<br><b>OFF-TV REMOTE</b> | Disables the TV remote control.                                             |
| <div>5 seconds</div> <div><div>+</div><div>WOOFER</div><div>↑</div></div> | <b>SAMSUNG-TV REMOTE</b>                                                                                               | Controls the soundbar with a Samsung TV IR remote control.                  |
| <div>5 seconds</div> <div><div>+</div><div>WOOFER</div><div>↑</div></div> | <b>ALL-TV REMOTE</b>                                                                                                   | Controls the soundbar with a different TV manufacturer's IR remote control. |

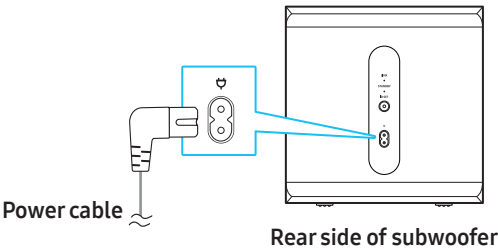
# 04 CONNECTING THE SOUNDBAR TO OTHER UNITS

## Connecting the Power and Devices

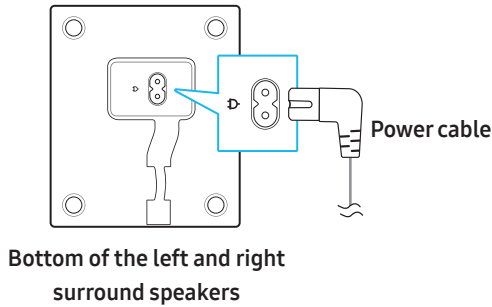
Using the power cords, connect the subwoofer, surround speakers, and soundbar to an electrical outlet in the following order:

- For more information on power supply and power consumption, refer to the label attached on the bottom or back of the product.
- Always grip the plug firmly and pull it directly when disconnecting the power cord from the wall outlet. Do not pull on the power cord itself.
- Once all devices are connected, connect the soundbar and other devices to an electrical power outlet.
- Surround speakers may not be included, depending on the product model.

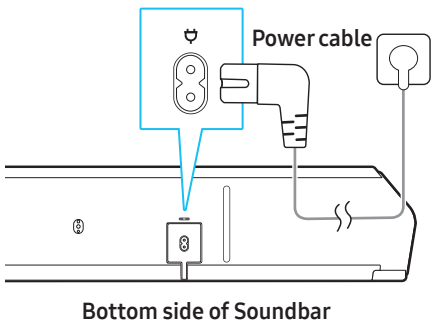
1. Connect the power cord to the subwoofer.



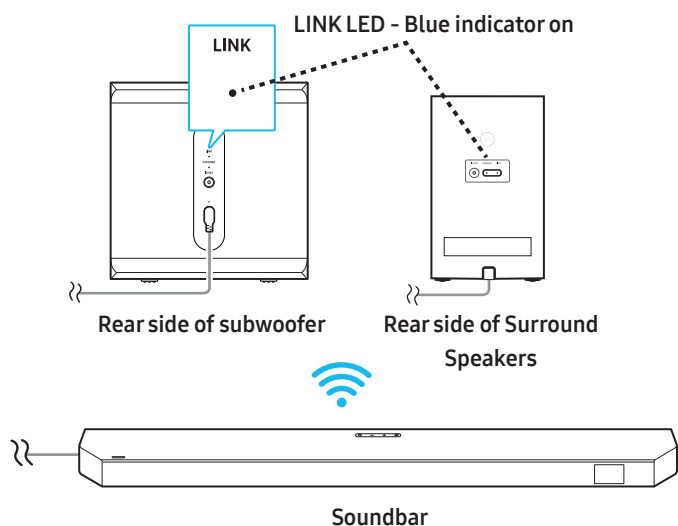
2. Connect the power cords to the left and right surround speakers.



3. Connect the power cord to the soundbar.



4. Connect the soundbar, subwoofer, and surround speakers to a power outlet. When the soundbar is turned on, the subwoofer and surround speakers will automatically connect to it.



#### Note

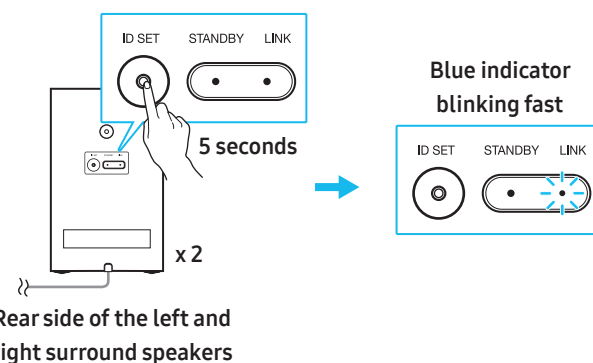
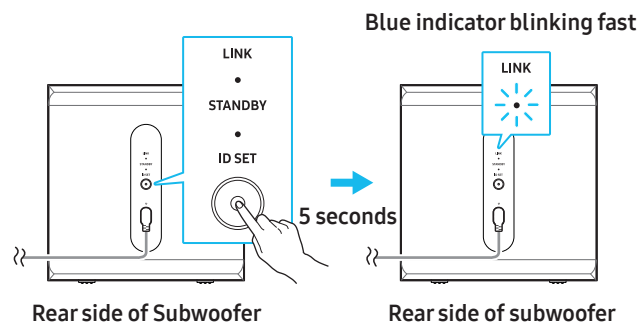
- First, connect the subwoofer and surround speakers to a power outlet, then turn on the soundbar once it is plugged in. When the soundbar is powered on, the subwoofer and surround speakers will automatically connect.
- If you disconnect the power cord while the soundbar is on, and reconnect it to a power outlet, the soundbar will automatically turn on.

## Manually Connecting the Subwoofer and Surround Speakers

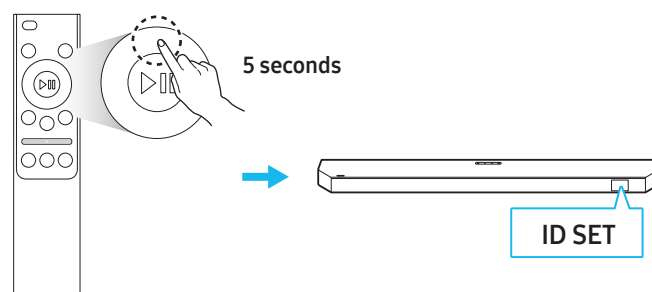
### Before manually connecting the speaker units

- Make sure the soundbar, subwoofer, and surround speakers are connected to a power outlet.
- Make sure the soundbar is turned on.

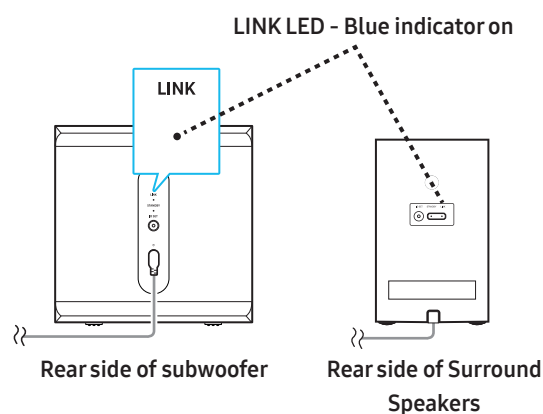
1. Press and hold **ID SET** button on the rear side of the subwoofer and surround speakers for 5 seconds or longer.
  - The red indicator on the rear of each speaker will turn off, and the blue indicator will blink rapidly.



2. Press and hold the **Up** button on the Remote Control for 5 seconds.
  - The **ID SET** message briefly appears on the soundbar display and then disappears.
  - After the **ID SET** message, the soundbar will automatically power on.



3. Make sure the LINK LED indicator turns blue (indicating a successful connection).

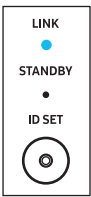
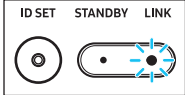
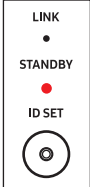
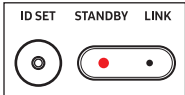
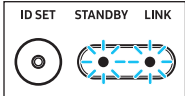


When the soundbar is properly connected to the subwoofer and surround speakers, the LINK LED indicator will stop blinking and turn solid blue.

#### Note

- Surround speakers may not be included, depending on the product model.
- How to reset the Tx module
  - 1) Turn off the soundbar.
  - 2) Press and hold the Left button on the Remote Control for 5 seconds.
  - 3) Follow the instructions in the **Manually Connecting the Subwoofer and Surround Speakers** section.

### Status of rear indicator in subwoofer and surround speakers

| LED                                                                                                                                                                 | Status                                   | Troubleshooting                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Subwoofer</b><br><br>(Blue indicator on)                                        | Connection successful (normal operation) | -                                                                                                                                                                                          |
| <b>Surround speaker</b><br><br>(Blue indicator blinking)                          | Restore connection                       | Check if the soundbar's power cable is securely connected or wait for about 5 minutes. If the blinking continues, manually connect the subwoofer and surround speakers. Please see Page 9. |
| <b>Subwoofer</b><br><br>(Red indicator on)                                        | In standby (with soundbar turned off)    | Check if the soundbar's power cable is securely connected.                                                                                                                                 |
| <b>Surround speaker</b><br><br>(Red indicator on)                               | Connection unsuccessful                  | Try reconnecting. Refer to manual connection in Page 9.                                                                                                                                    |
| <b>Subwoofer</b><br><br>(Red and blue indicator blinking simultaneously)         | Product malfunction                      | See the contact information for the Samsung Service Center in this manual.                                                                                                                 |
| <b>Surround speaker</b><br><br>(Red and blue indicator blinking simultaneously) |                                          |                                                                                                                                                                                            |

## Note

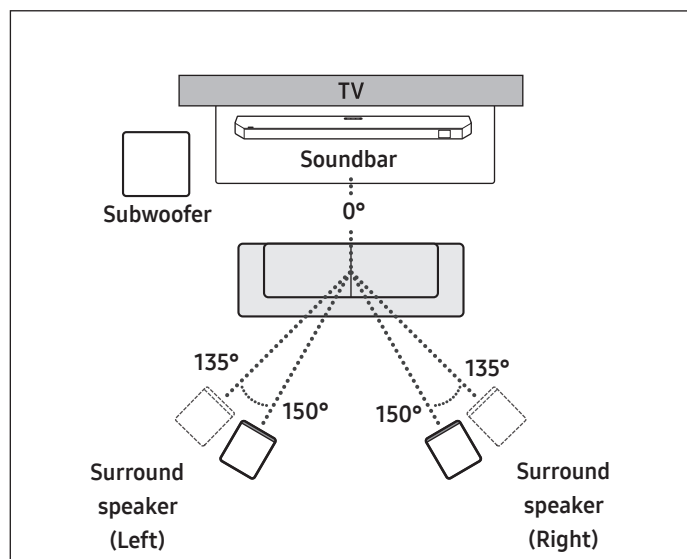
- When the soundbar is turned off, the subwoofer will enter Standby mode. The STANDBY indicator on the rear of the unit will rapidly blink blue and then turn red.
- If there is a nearby device using the same frequency as the soundbar, interference may occur, causing the sound output to be interrupted.
- The wireless signal from the soundbar can be transmitted up to 10 meters under normal installation conditions, but this distance may vary, depending on the operating environment. If there is a steel wall or reinforced concrete between the soundbar and the subwoofer or surround speakers, the wireless signal will be blocked, preventing the product from functioning properly.
- Surround speakers may not be included, depending on the product model.

## Caution

- A wireless antenna is built into the subwoofer and surround speakers. Keep away from water and moisture.
- For optimal sound quality, avoid placing obstacles around the subwoofer or surround speakers.

## Speaker layout guide

### Recommended speaker layout



## Caution

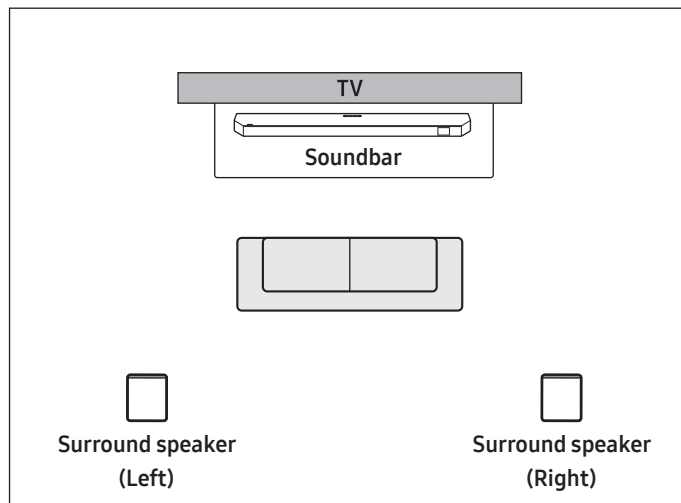
- A wireless antenna is built into the subwoofer and surround speakers. Keep away from water and moisture.
- For optimal sound quality, avoid placing obstacles around the subwoofer or surround speakers.
- Surround speakers may not be included, depending on the product model.

## Recommended speaker layout in Surround Speaker mode

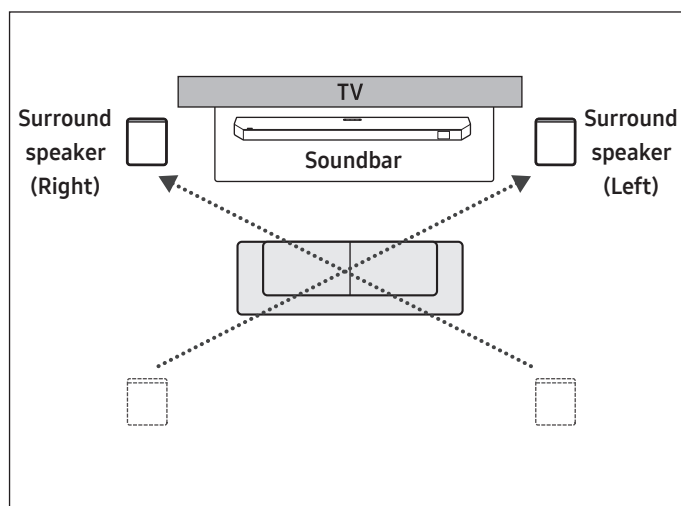
Adjust the surround speakers to position them effectively for optimal surround sound. Please arrange the units as shown in the diagram below.

To turn on this mode, select Surround Speaker mode on your soundbar remote control.

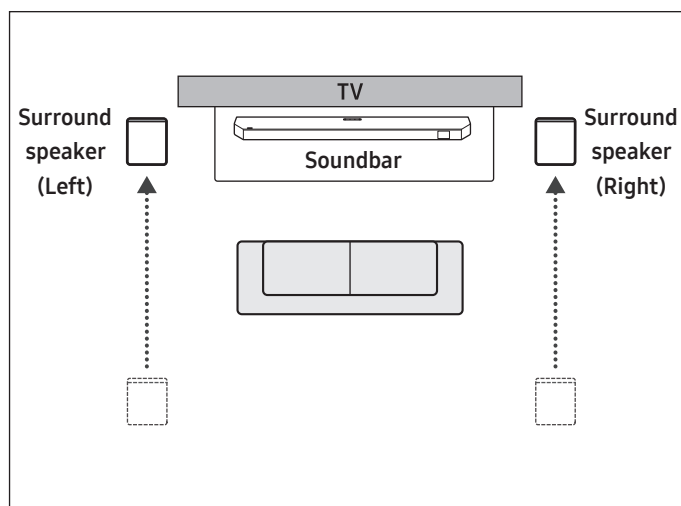
(⚙️ (Sound Control) → Surround Speaker → ▲ (Up) / ▼ (Down) → Front / Rear)



Rear layout



Front layout (HW-Q990F)



Front layout (HW-Q930F)

## Note

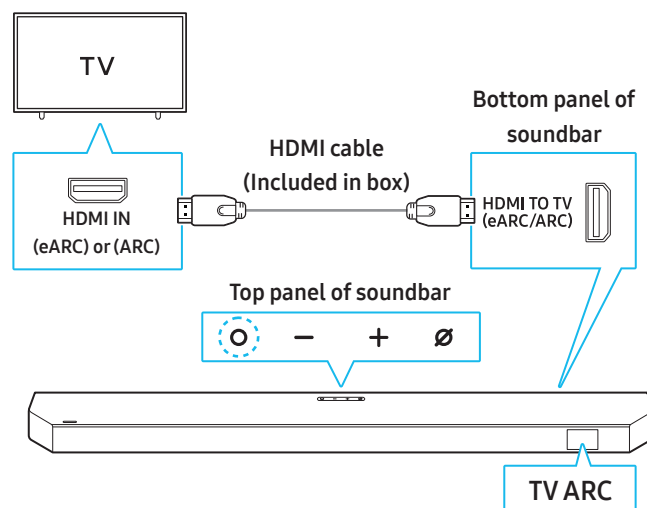
- This feature only works with soundbars that are included with specific surround speakers.
- In Front Speaker mode, position the front speakers so that they face the listener.
- By default, the rear layout is set for the Surround Speaker mode.
- Surround speakers may not be included, depending on the product model.

# 05 CONNECTING TO A TV

## Connect to a TV that supports HDMI ARC (Audio Return Channel)

### ⚠ Caution

- If both an HDMI cable and an optical cable are connected, the HDMI cable signal will take priority.
- When connecting the TV and soundbar with an HDMI cable, make sure to connect the cable to the ARC port. If the correct port isn't used, the TV won't make any sound.
- Using HDMI cables certified by HDMI.org is recommended.



1. While the soundbar and TV are turned off, connect the HDMI cable as shown in the diagram above.
2. Turn on the soundbar and TV.
3. "TV ARC" will appear on the soundbar display, and the TV audio will play through the soundbar.
  - If there is no TV sound output, press the **○ (Multi)** button at the top of the soundbar or press the **☐ (Source)** button on the remote control to switch to **TV ARC** mode. "TV ARC" will be displayed and the TV audio will sound.
  - When connected to a TV that supports the eARC feature, "TV eARC" will be displayed and audio will sound.
  - To connect with eARC, the eARC function in the TV menu should be turned on. Refer to the TV user manual for details about how to configure the settings.  
(e.g.) Samsung TV: Home (🏠) → Menu → Settings (⚙) → All Settings (⚙) → Sound → Expert Settings → HDMI-eARC Mode (Auto))
  - If "TV ARC" doesn't appear on the soundbar display, check if the HDMI cable is securely connected to the correct port.
  - You can use the volume buttons on your TV remote control to adjust the soundbar volume.

## Note

- When connecting a TV and soundbar that support HDMI ARC (Audio Return Channel) using an HDMI cable, digital video and audio data can be transmitted without a separate optical cable.
- Using a coreless HDMI cable is recommended whenever possible. If using a cored HDMI cable, ensure its diameter is less than 14 mm.
- This function won't work if the HDMI cable doesn't support ARC.
- If the broadcast audio is encoded in Dolby and the "Digital Output Audio Format" in your TV is set to PCM, changing the settings to Dolby Digital, Dolby Digital+, or Auto is recommended for optimal sound.

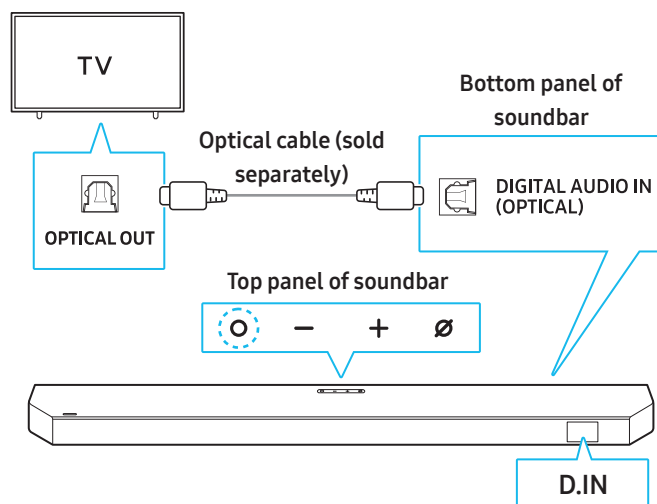
Changing the setting will provide better sound quality. (The TV menu may use different terms for Dolby Digital and PCM, depending on the manufacturer.)

- ARC/eARC protocol supports Dolby Atmos®.
- Check if the content you want for more information about Dolby Atmos® support.

## Connecting Using an Optical Cable

### Pre-connection Checklist

- If both an HDMI cable and an optical cable are connected, the HDMI cable signal will take priority.
- When using an optical cable, make sure to remove the cap from the optical cable before use.



1. While the TV and soundbar are turned off, connect the **DIGITAL AUDIO IN (OPTICAL)** on the soundbar to the **OPTICAL OUT** port on the external device using an optical cable (sold separately), as shown in the above diagram.
2. Turn on the soundbar and TV.
3. Press the **⊙ (Multi)** button or press the **📺 (Source)** button on the remote control to switch to **D.IN** mode.
4. TV sound will play through the soundbar.

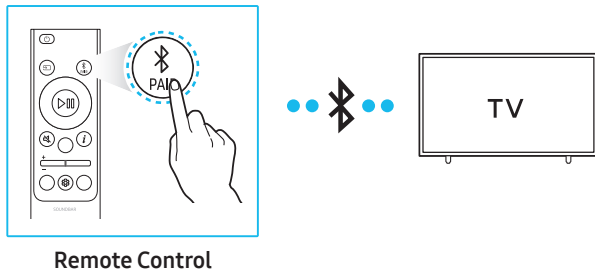
## Connecting to Bluetooth

Connecting your Samsung TV to the soundbar via Bluetooth allows you to enjoy stereo sound without the need for cables.

- Only one Samsung TV can be connected via Bluetooth at a time.
- You can connect to a Samsung TV with Bluetooth support. Make sure to check your TV's specifications.

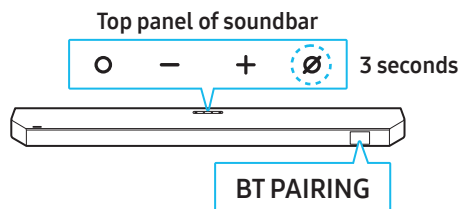
### Connecting to Bluetooth for the first time

1. Press the **Pair** button on the Remote Control to open **BT PAIRING** mode.



(Or)

Press the **Microphone** button on the soundbar's top panel for 3 seconds or longer until "BT PAIRING" is displayed.



2. Open the Bluetooth menu on the Samsung TV you want to connect.  
(Examples: Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Sound Output → Bluetooth Speaker List → Soundbar Q-series (Bluetooth))
3. Select "**Soundbar Q-series**" from the list on the TV screen.  
On the Samsung TV Bluetooth device list, "**Need Pairing**" or "**Paired**" will appear for a device. Select an option to establish a connection.
  - When the Samsung TV and soundbar are connected, [TV name] → "BT" will appear on the soundbar's front panel display.
4. You can now enjoy Samsung TV audio through the soundbar.
  - Once you have successfully connected the soundbar to your Samsung TV via Bluetooth, you can use the **BT READY** mode to reconnect.

## Disconnecting the Soundbar from the Samsung TV

Press the **Multi** button on the soundbar's top panel or **Source** button on the remote control and switch to any other mode besides **BT**.

- Ending the connection may take a few seconds as the TV waits for a response from the soundbar.  
(The disconnection time may vary, depending on the Samsung TV model.)

### What is the difference between BT READY and BT PAIRING?

- **BT READY:** In this mode, you can connect a previously connected TV or mobile device with the soundbar.
- **BT PAIRING:** In this mode, you can connect a new device to the soundbar.  
(Press the **Pair** button on the Remote Control or press and hold the **Microphone** button at the top panel of the soundbar for 3 seconds or longer while the soundbar is in **BT** mode.)

### Precautions when connecting to Bluetooth

- Position the device you are connecting to the soundbar via Bluetooth within 1 meter.
- If prompted for a PIN code when connecting to a Bluetooth device, enter <0000>.
- The soundbar will automatically turn off after 18 minutes of inactivity in Standby mode.
- The soundbar may have difficulty scanning for available Bluetooth devices or connecting properly under the following conditions:
  - If there are nearby electronic devices or equipment causing radio interference.
  - If multiple Bluetooth devices are simultaneously paired with the soundbar.
  - If the Bluetooth device is turned off, out of range, or experiencing a malfunction.
- Electronic devices may cause radio interference. Keep any device that generates electromagnetic waves away from the soundbar. (e.g., microwave oven, wireless LAN, etc.)
- Press and hold the **TONE CONTROL** button on the remote control for 30 seconds or longer to activate or deactivate the Bluetooth.  
**When you activate or deactivate the Bluetooth connectivity, the soundbar will automatically restart.**

#### If the Device Fails to Connect

- When a previously connected soundbar (e.g., **Soundbar Q-series**) appears in the speaker list, delete it.
- Repeat steps 1 through 3.

## Connecting via Wi-Fi (Wireless Network)

### Pre-connection Checklist

- Wi-Fi connection is only available on a Samsung TV.
- Check if the **wireless router (Wi-Fi)** is turned on and the **TV is connected to the wireless router**.
- Connect the soundbar and TV to the same Wi-Fi network.
- If your wireless router (Wi-Fi) uses a DFS channel, you won't be able to connect the TV and soundbar via Wi-Fi. Contact your Internet Service Provider for more details.
- Check your TV's manual since the menu may vary, depending on the year of manufacture.
- Connect the soundbar to the wireless router first so that you can connect the soundbar and TV via Wi-Fi. See page 18 to find how to establish a Wi-Fi connection.

1. For more information on how to connect your soundbar to a Wi-Fi network, go to 18, "Connecting via Wi-Fi (Wireless Network)".
2. On the TV Sound menu, change the input source to soundbar.
  - **For Samsung TVs released in 2017 or later**  
Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Sound Output → Soundbar Q-series (Wi-Fi)

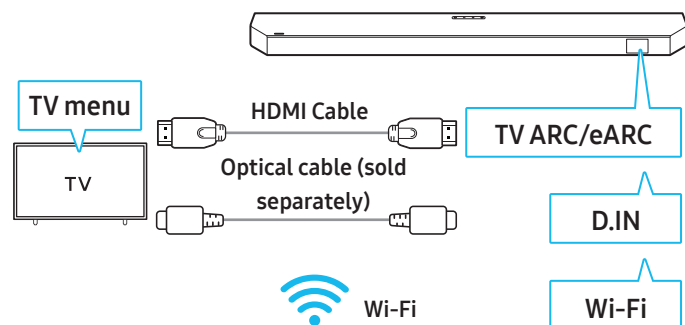
### Note

- Wi-Fi Dolby Atmos connectivity is only available on some Samsung TVs and soundbars.
- To ensure safe and secure use of the product, connect to the network using a securely managed router.
- When the network is connected, it enables casting YouTube content, Connecting via Wi-Fi, Apple Airplay, Spotify, Alexa, SmartThings, Tidal, ChromeCast and Roon Ready. Services supported by software updates are subject to change.
- To use Wi-Fi Direct, the Soundbar and your Smart TV must be connected to each other on the same network.
- Press and hold the **CH LEVEL** button on the remote control for 30 seconds or longer to activate or deactivate the Wi-Fi.

**When you activate or deactivate the Wi-Fi connectivity, the soundbar will automatically restart.**

## Using the Q-Symphony Feature

- If you connect the soundbar to a Samsung TV that supports Q-Symphony, sound will play from both the soundbar and TV at the same time. You can enjoy a richer, more immersive sound with the TV's surround sound.
- When the soundbar is connected to your TV, the **Q-Symphony** menu will appear.  
(Settings (⚙️) → All Settings (⚙️) → Sound → Sound Output)



### Note

- It will work with the codec supported by the TV.
- This feature is only supported when connected via HDMI cable, optical cable (sold separately), or Wi-Fi.
- The messages displayed on the TV may vary, depending on the model.
- Check and see if your soundbar and TV are connected to the same Wi-Fi network/frequency.
- This function is only available on some Samsung TVs and soundbars.

## Using SpaceFit Sound Pro

This feature analyzes your listening space using the soundbar's microphone to deliver optimal audio quality. Sound optimization runs automatically.

### Method 1. Connecting the Soundbar

To use this feature, turn on **SpaceFit Sound Pro** mode using the Remote Control.

1. ⚙️ Press the **(Sound Control)** button to turn on **SpaceFit Sound Pro** mode.  
"SPACEFIT SOUND PRO OFF" will appear on the display.
  2. Turn on **SpaceFit Sound Pro** by pressing the **Up** button on the remote control.  
"ON" will appear on the display.
  3. Turn off **SpaceFit Sound Pro** by pressing the **Down** button on the remote control.  
"OFF" will appear on the display.
- It is available in all sound modes.

### Method 2. Connecting to a TV

To use this feature, turn on Adaptive Sound+ mode in the Samsung TV menu.

(Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → General → AI Mode Settings → Adaptive Sound+)

- When you turn on **Adaptive Sound+** mode in the TV menu, the sound mode of the soundbar will change to **Adaptive Sound+** mode.

### Note

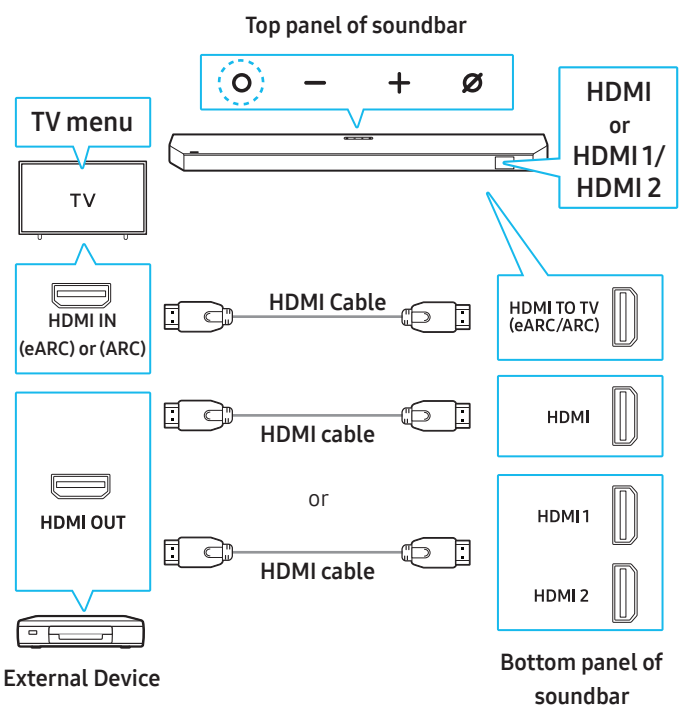
This feature works only on some Samsung TVs that are connected to a soundbar.

# 06 CONNECTING AN EXTERNAL DEVICE

## Connecting via HDMI Cable

### Pre-connection Checklist

- If any secondary audio settings are on, turn them off in your audio output options.
- Check whether the content you are viewing supports Dolby Atmos®/DTS:X.
- Choose an HDMI cable that meets the required HDMI input/output specifications.
- To receive UHD signals, you must use a proper HDMI cable certified by HDMI.org.
  - HW-Q990F/Q900F : Ultra High Speed HDMI cable
  - HW-Q930F/Q800F : Premium High Speed HDMI cable
- To receive UHD signals, check the video playback specifications of your TV and external device and also the settings of the device in use.
- Refer to your TV or external device manual for more details.



1. Use an HDMI cable to connect the **HDMI OUT** port on the external device to the HDMI port at the bottom of the soundbar.
2. Use an HDMI cable (included) to connect the HDMI IN port of the TV to the **HDMI TO TV (eARC/ARC)** port at the bottom of the soundbar.
3. Turn on the soundbar, TV, and external device.
4. Press the **Multi** button on the soundbar's top panel or press the **Source** button on the remote control to switch to **HDMI** or **HDMI1 / HDMI2** mode.
5. The selected **HDMI** or **HDMI1 / HDMI2** mode will appear on the soundbar display panel and audio will play.

### Note

- Using **Dolby Atmos®/DTS:X**: Please see **Page "Output specifications for each sound mode" of 7** if the inputted source is Dolby Atmos®/DTS:X.
- When Dolby Atmos® is active, "**DOLBY ATMOS**" will appear on the display.
- When DTS:X is active, "**DTS:X**" will appear on the display.
- **Configuring Dolby Atmos®/DTS:X on a BD player or other device**  
Check the audio output options in the settings menu on the BD player or other device. "No Encoding" should be selected for bitstream in the audio output options.  
Example) When using a Samsung BD Player: go to Home Menu → Sound → Digital Output and then select Bitstream (Unprocessed)

### UHD signal support specifications (3840 x 2160p)

[ HW-Q990F / HW-Q900F ]

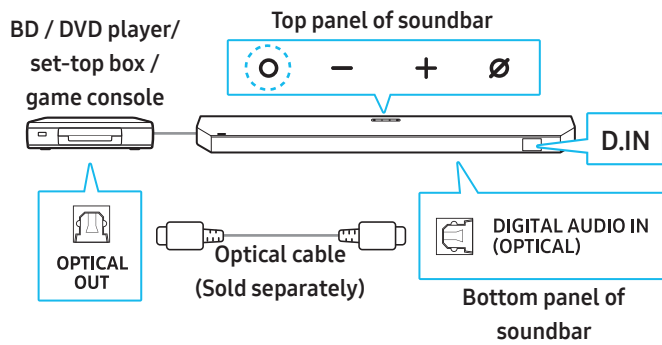
| Frame rate (fps) | Color depth | RGB 4:4:4 | YCbCr 4:4:4 | YCbCr 4:2:2 | YCbCr 4:2:0 |
|------------------|-------------|-----------|-------------|-------------|-------------|
| < 60             | 8 bit       | 0         | 0           | 0           | 0           |
|                  | 10 bit      | 0         | 0           | 0           | 0           |
|                  | 12 bit      | 0         | 0           | 0           | 0           |
| 120              | 8 bit       | 0         | 0           | 0           | 0           |
|                  | 10 bit      | 0         | 0           | 0           | 0           |
|                  | 12 bit      | -         | -           | 0           | 0           |

[ HW-Q930F / HW-Q800F ]

| Frame rate (fps) | Color depth | RGB 4:4:4 | YCbCr 4:4:4 | YCbCr 4:2:2 | YCbCr 4:2:0 |
|------------------|-------------|-----------|-------------|-------------|-------------|
| < 60             | 8 bit       | 0         | 0           | 0           | 0           |
|                  | 10 bit      | -         | -           | 0           | 0           |
|                  | 12 bit      | -         | -           | 0           | 0           |
| 120              | 8 bit       | -         | -           | -           | -           |
|                  | 10 bit      | -         | -           | -           | -           |

- Supported specifications may vary based on the external device connected to the soundbar or the usage conditions.

## Connecting using an Optical Cable



1. Use an optical cable (sold separately) to connect the **DIGITAL AUDIO IN (OPTICAL)** port on the soundbar to the **OPTICAL OUT** port on the external device.
2. Turn on the soundbar and external device.
3. Select **D.IN** mode by pressing the **○ (Multi)** button on the soundbar's top panel or the **📺 (Source)** button on the remote control.
4. Your soundbar will play audio from the external device.

## 07 CONNECTING A MOBILE DEVICE

### Connecting to Bluetooth

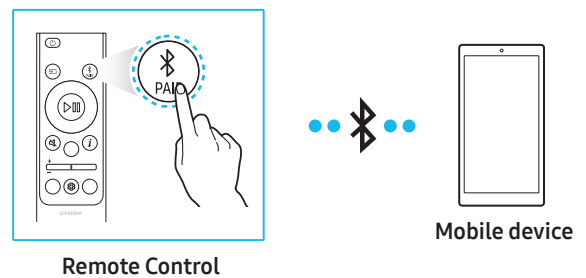
Connecting your mobile device to the soundbar via Bluetooth allows you to enjoy stereo sound without the need for cables.

- The soundbar will turn on if you try to connect a previously paired Bluetooth device while the soundbar is turned off.

### Connecting to Bluetooth for the first time

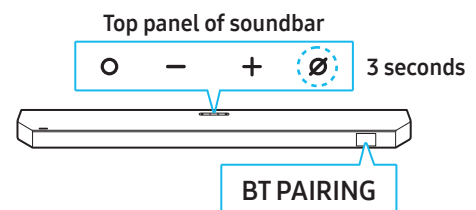
- Position the device you are connecting to the soundbar via Bluetooth within 3.28 ft (1 m).

1. Press the **Pair** button on the Remote Control to open **BT PAIRING** mode.



(Or)

Press the **⌀ (Microphone)** button on the soundbar's top panel for 3 seconds or longer until "**BT PAIRING**" is displayed.



2. Select "**Soundbar Q-series**" when it appears on the list in the device.
  - When the mobile device and soundbar are connected, [**Mobile device name**] → "**BT**" will appear on the soundbar's front panel display.
3. Enjoy music from your mobile device connected via Bluetooth through the soundbar.
  - Once you have successfully connected the soundbar to your mobile device via Bluetooth, you can use the **BT READY** mode to reconnect.

### If the Device Fails to Connect

- When a previously connected soundbar (e.g., "**Soundbar Q-series**") appears in the speaker list of your mobile device, delete it.
- Repeat steps 1 through 2.

## What is the difference between BT READY and BT PAIRING?

- **BT READY:** In this mode, you can connect a previously connected TV or mobile device with the soundbar.
- **BT PAIRING:** In this mode, you can connect a new device to the soundbar.  
(Press the **Pair** button on the Remote Control or press and hold the **⌂ (Microphone)** button at the top panel of the soundbar for 3 seconds or longer while the soundbar is in **BT** mode.)

## Precautions when connecting to Bluetooth

- Position the device you are connecting to the soundbar via Bluetooth within 1 meter.
- If prompted for a PIN code when connecting to a Bluetooth device, enter <0000>.
- The soundbar will automatically turn off after 18 minutes of inactivity in Standby mode.
- The soundbar may have difficulty scanning for available Bluetooth devices or connecting properly under the following conditions:
  - If there are nearby electronic devices or equipment causing radio interference.
  - If multiple Bluetooth devices are simultaneously paired with the soundbar.
  - If the Bluetooth device is turned off, out of range, or experiencing a malfunction.
- Electronic devices may cause radio interference. Keep any device that generates electromagnetic waves away from the soundbar. (e.g., microwave oven, wireless LAN, etc.)
- The soundbar supports SBC data (44.1kHz, 48kHz).
- Only connect to Bluetooth devices that support A2DP (AV).
- When connecting the soundbar to a Bluetooth device, keep them as close to each other as possible.
- The greater the distance between the soundbar and Bluetooth device, the lower the audio quality will be.  
The Bluetooth connection may be lost if the devices are out of range.
- The Bluetooth connection may not work properly in areas with weak signal reception.
- A Bluetooth device may experience noise or malfunction under the following conditions:
  - If a part of your body comes in contact with the signal transceiver of the Bluetooth device or soundbar
  - In corners or when there is an obstacle in proximity, such as a wall or partition, where electrical changes may occur.
  - When exposed to radio interferences by other products operating on the same frequency ranges, such as medical equipment, microwave ovens, and wireless LAN devices.
  - Obstacles such as doors and walls may degrade audio quality even if the devices are within operational range.
- Note that your soundbar can't be paired with other Bluetooth devices while Bluetooth audio is being played.
- This wireless device may cause electrical interference during operation.

## Disconnecting a connected Bluetooth device

Refer to the Bluetooth device's user manual for more details.

- When the soundbar is disconnected from the Bluetooth device, "**BT DISCONNECTED**" will appear on the front display.

## Disconnecting the soundbar from the Bluetooth device

Press the **⊙ (Multi)** button on the soundbar's top panel or **⏮ (Source)** button on the remote control and switch to any other mode besides **BT**.

- Ending the connection may take a few seconds as the Bluetooth device waits for a response from the soundbar. (The disconnection time may vary, depending on the Bluetooth device.)
- When the soundbar is disconnected from the Bluetooth device, "**BT DISCONNECTED**" will appear on the front display.

## Connecting via Wi-Fi (Wireless Network)

For SmartThings to work properly, a specific or higher version of the OS is required.

For more information on OS versions, please see the SmartThings App description in the app marketplace for your OS.

### 1 - Installing app

You can control the soundbar and adjust settings using the **SmartThings** app.

Download the **SmartThings** app from the App store or Play store on your mobile device or scan the QR code to download the app.



### 2 - Registering a device

1. On your mobile device, run the **SmartThings** app.
2. Follow the instructions displayed to register the product to your mobile device.
  - If a pop-up window doesn't appear, go to the app's home screen, then tap the **(+)** button to register the product.

### Note

- You can also register your soundbar to the **SmartThings** app by scanning the QR code on the soundbar.

### If the device isn't found

1. Connect the mobile device to the soundbar via Bluetooth.
2. Tap Connected Devices in the SmartThings App.
3. Slide left on the screen to select the soundbar card on your mobile device. Then, tap Register device to Samsung account to register the device.

### 3 - Controlling the Soundbar with SmartThings

1. Open the **SmartThings** app on your device, and then select the soundbar you have registered.
2. The settings menu will appear for the soundbar, and you can adjust the settings such as **Volume**, **Sound Mode**, and **Advanced Sound Settings**.
  - If a different user wants to control the soundbar, the user can tap the “**Menu** (≡) How to Use > Share control of devices” in the SmartThings app on their mobile device.

#### To change your Wi-Fi (wireless network)

1. On your mobile device (smartphone or tablet), run the **SmartThings** app.
2. After tapping the soundbar card, tap the (  ) icon.
3. Tap **Device settings** > **Network status** > **Change Wi-Fi network**, then follow the on-screen instructions.

### Using Group Play

- To use this feature, register your soundbar to the SmartThings app.
- This feature is available on Samsung TV models released in 2024 or later.
- To turn on this feature, connect two or more devices to the same 5GHz Wi-Fi network.

#### Configuring Group Play

1. On your mobile device, run the **SmartThings** app.
2. To register your soundbar to the **SmartThings** app, refer to “**Connecting via Wi-Fi (Wireless Network)**”.
3. Tap on the soundbar card.
4. On your mobile device, tap **Create Group** under the audio device icon.
  - Press the **○ (Multi)** button on the soundbar and set the source to Wi-Fi.
  - If your soundbar is connected to the TV via Wi-Fi, you must first disconnect from the TV.
5. Turn on **Group Play**.
6. Select a device from the list and tap **Apply**.
  - We recommend connecting no more than 4 devices.
  - In **Group Play**, audio will sound through the host device only.
  - If a device connected to the host device switches to another source, then that device is removed from the group.
  - When you connect a host device to the TV, the group that was created is deleted.

#### Disabling Group Play

1. Tap on the audio device card.
2. On your mobile device, tap **Edit Group** under the audio device icon.
3. Turn off **Group Play**.
  - To remove several devices, deselect (unmark) them in the list and tap **Apply**.

### Using the SmartThings Hub

- You can use the Soundbar's **SmartThings Hub** feature to connect to IoT devices (light bulbs, plugs, sensors, etc.) that require the **SmartThings Hub** to work.
- To use the **SmartThings Hub** feature, you need to register your soundbar to the **SmartThings** app.
- This feature is supported only by HW-Q990F/Q900F models.

#### Registering an IoT device to the SmartThings App

1. To register your soundbar to the **SmartThings** app, refer to **Connecting via Wi-Fi (Wireless Network)** > **1 - Installing app**.
2. Tap on the soundbar card.
3. Tap **SmartThings Hub** at the bottom of the screen.
4. Turn on the **SmartThings Hub** function by tapping **Using SmartThings Hub** and then tapping **Set up**.
  - When the **SmartThings Hub** feature is turned on, **unset** changes to **using**.
  - A **SmartThings Hub** device card appears next to the soundbar device card.
5. Add an IoT device by tapping “**+**” on the **Home** screen.
  - Once you have successfully added your IoT device, an IoT device card will appear in the app.
  - Disconnecting the power cord from the soundbar may disconnect devices connected through the **SmartThings Hub**. If a device is disconnected, you need to reconnect the device.

#### Deleting SmartThings Hub from the SmartThings App

1. Tap on the soundbar card on the device screen.
2. Tap **SmartThings Hub** at the bottom of the screen.
3. Disable the **SmartThings Hub** function by tapping **Removing SmartThings Hub**.
  - When the **SmartThings Hub** feature is turned on, **using** changes to **unset**.

## Connecting via Apple AirPlay

- This feature may not be available in some countries.
- The latest version of iOS, iPadOS, or macOS is recommended.
- To enable AirPlay in your Soundbar, you must first register the device with the Samsung Smart Things app by agreeing with the app's terms and conditions.
- Make sure the Soundbar is powered on and connected to the same Wi-Fi network as your Apple® device.

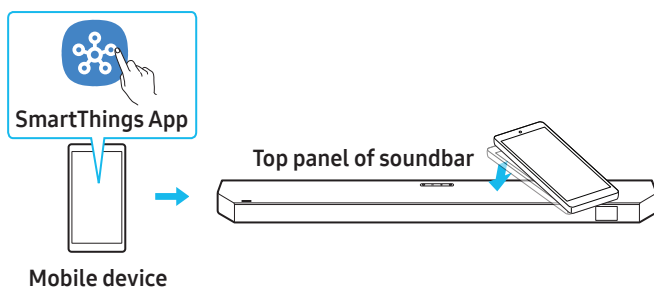
With AirPlay, you can enjoy music, podcasts, and other audio on the Samsung Soundbar right from your Apple devices.

- Select  from an AirPlay-supported app or Control Center on your iPhone®, iPad®, or Mac®.
- Select the Soundbar from the list of available devices to play the current audio to.

## Using Tap Sound

Tap the soundbar with your mobile device to play the audio content on the mobile device through the soundbar.

- This function may not be supported, depending on the device model.
- This function is only compatible with Samsung mobile devices with Android 8.1 or later.



1. Turn on the **Tap Sound** function on your mobile device.
  - Refer to “**Configuring Tap Sound**” below for setup instructions.
2. Tap the soundbar with your mobile device and select “**Start now**” when it appears on the screen.

A Bluetooth connection is established between the mobile device and the soundbar.
3. Play audio from the mobile device through the soundbar.
  - This function connects the mobile device to the soundbar via Bluetooth by detecting vibration when the device touches the soundbar.
  - Avoid tapping the sharp corners of the soundbar with your mobile device. The soundbar or mobile device may get scratched or damaged.
  - We recommend covering the mobile device with a case. Lightly tap the wide area on top of the soundbar.
  - To use this function, update the **SmartThings** app to its latest version.

The function may not be supported, depending on the app version.

## Configuring Tap Sound

You can turn on the **Tap View, Tap Sound** feature in the **SmartThings** app.

1. On your mobile device, open the **SmartThings** app.
2. On your mobile device, select Settings (  →  ) in the **SmartThings** app.
3. Set “**Tap View, Tap Sound**” to On to allow the function to work when a mobile device is near the soundbar. The function is on.

### Note

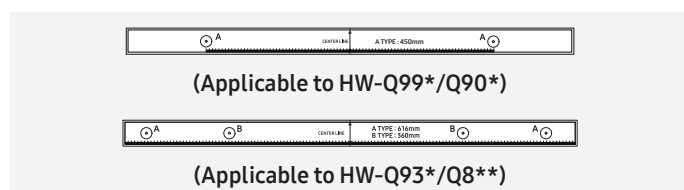
- If your mobile device is in Sleep mode, the **Tap Sound** feature won't work.
- The **Tap Sound** feature may not work if the soundbar is placed near an electronic device or appliance that causes radio interference. Place the soundbar away from any device that causes radio interference.

# 08 INSTALLING THE SOUNDBAR ON A WALL

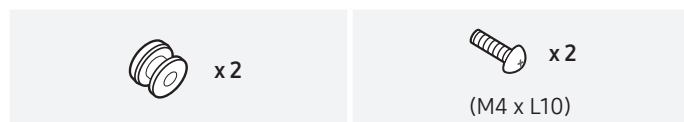
## Precautions when installing

- Mount the soundbar only on a vertical wall.
- Avoid installing the soundbar system in areas with high temperatures or humidity.
- Install the system on a sturdy wall capable of supporting the soundbar's weight. If the wall can't support the soundbar's weight, reinforce it before installation. If reinforcement isn't possible, choose a different wall that can support the soundbar.
- Use screws or anchors suitable for the wall where the soundbar is being installed.  
(Gypsum board/steel/wood, etc.)  
If possible, install the screws directly into the wall.
- Turn off the power and disconnect the soundbar before mounting it on the wall.  
Failure to do so may result in electric shock.
- Connect all cables from external devices before mounting the soundbar on the wall.

## Wall Mount Components



Ⓐ Wall-mounting Guide



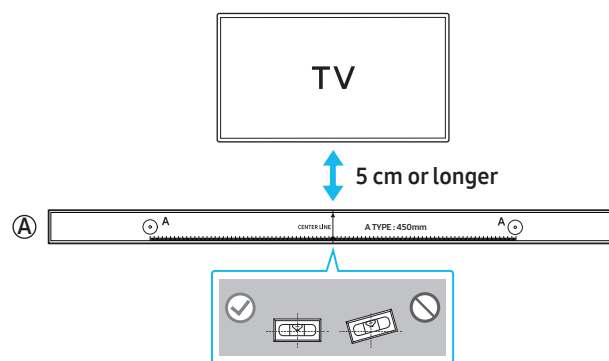
Ⓑ Holder Screw

Ⓒ Screw

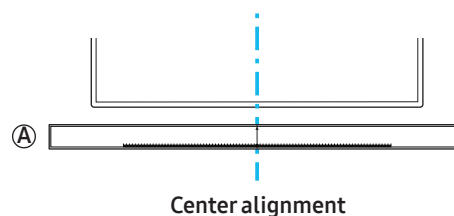


Ⓓ Wall-mounting Bracket

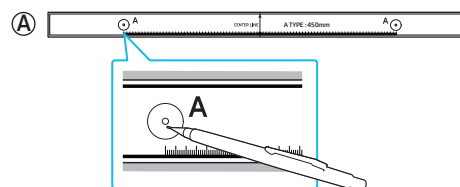
1. Attach the **Wall-mounting Guide** to the wall.
  - Attach the **Wall-mounting Guide** parallel to the wall.
  - If your TV is mounted on a wall, install the soundbar at least 5 cm from the bottom of the TV.



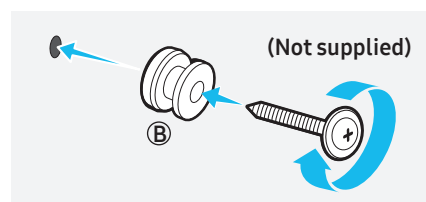
2. Align the **Wall-mounting Guide's center line** with the center of the TV on the wall (If you are mounting the soundbar below the TV), and then use tape to secure the **Wall-mounting Guide**.
  - If you aren't mounting below a TV, place the **Center line** in the center of the installation area.



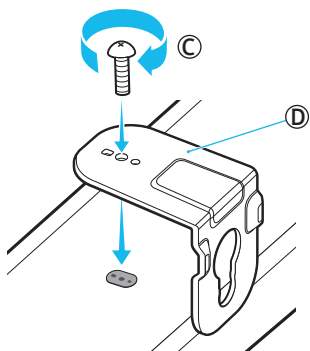
3. Use a pen or pencil to mark the center of the **A-TYPE** hole, and then remove the **Wall-mounting Guide**.



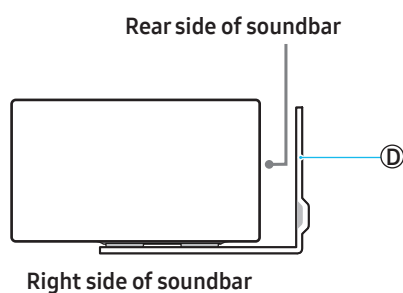
4. Using an appropriately sized drill bit, drill a hole where you marked on the wall.
5. Twist the screw through each **Holder screw**, and then fasten the **Screw for mounting on wall** into the marked spot.



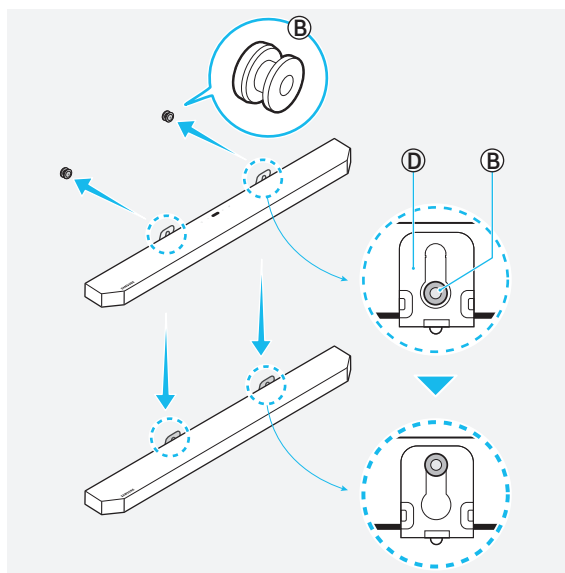
6. Install 2 **Wall-mounting Brackets** in the correct orientation at the bottom of the soundbar, using 2 **screws**.



- When assembling, make sure the hanger part of the **Wall-mounting Brackets** are located behind the rear of the soundbar.



7. With the **Wall-mounting Brackets** firmly attached, hang the soundbar on the **Holder Screws**.
  - Insert the **Holder Screws** into the wide (bottom side) holes of the **Wall-mounting Brackets** so that the **Wall-mounting Brackets** are firmly secured in the **Holder Screws** and then push the **Wall-mounting Brackets** down.



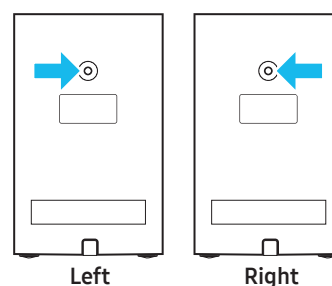
## Installing the Surround Speakers on a Wall

Wall mounts need to be purchased separately to install the surround speakers on a wall.

Samsung Electronics doesn't sell wall mounts.

### Notes for mounting surround speakers on a wall

- The wall used to mount the surround speakers must be able to support at least 8 kg.
- Hole size: fits 1/4 – 20 UNC screw
  - Standard screw: 6.35 mm  $\varnothing$ , 1.27 mm pitch
  - Length: 18 mm
  - Quantity: Left 1 / Right 1



- Before installing the Wall-mounting Bracket, check whether the wall is sturdy enough. If the wall can't bear the weight of the soundbar, reinforce the wall before installing the Wall-mounting Brackets and soundbar.
- Samsung Electronics isn't responsible for any damage to the product because of improper installation.
- Take care not to install the speakers sideways or upside down.

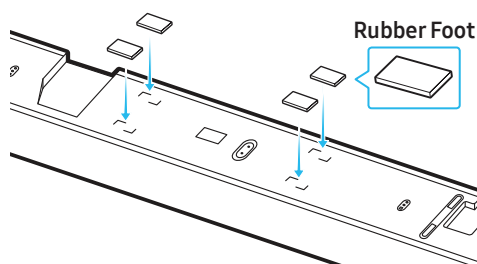
## 09 INSTALLING THE SOUNDBAR ON TOP OF THE TV STAND

### Parts

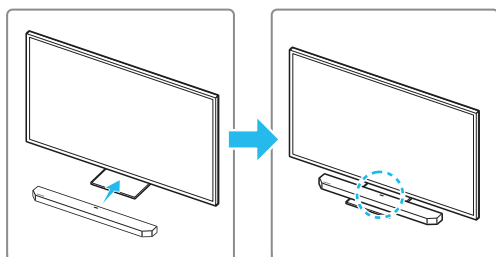


Rubber Foot

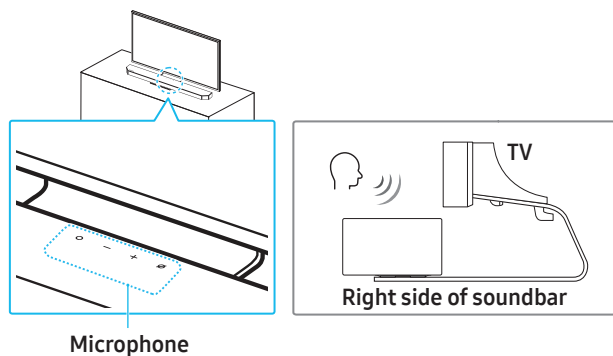
1. Attach the **rubber foot** to the bottom of the soundbar before placing it on top of the TV stand. The **rubber foot** should not be placed in a way that it extends beyond the TV stand's width. Please see the diagram below.



2. Install the soundbar on your TV.  
As shown in the image, align the center of the TV with the center of the soundbar, then carefully place the soundbar into the TV stand.



Make sure the microphone isn't blocked when placing the soundbar near the stand to ensure proper voice recognition.



### Note

- Make sure the soundbar is placed on a flat and solid surface.
- If the soundbar is too close to the TV, voice recognition may be affected, and audio issues could occur.
- The actual product may vary in appearance from the image above, depending on the model.
- Place the soundbar at least 2 cm away from the TV for optimal microphone performance.

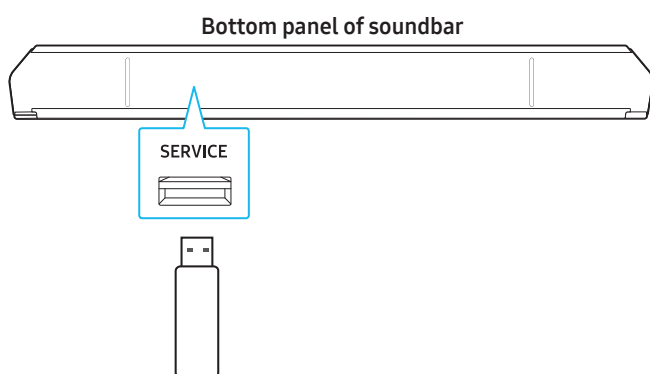
# 10 SOFTWARE UPDATE

## Automatic update

If your soundbar is connected to the internet, the software will automatically update even, while the soundbar is turned off.

- To use the automatic update feature, the soundbar must be connected to the internet.  
If power to the soundbar is cut off or disconnected, the Wi-Fi connection will be lost. If power is cut off, turn the soundbar back on, or disconnect the power cord and then connect it again. Then, turn on the soundbar, and reconnect it to the internet.

## USB update



**Samsung may provide firmware updates in the future for performance enhancements to the soundbar system.**

If a new update is available, you can update the soundbar by connecting a USB storage device containing the firmware update to the **SERVICE** port on the soundbar.

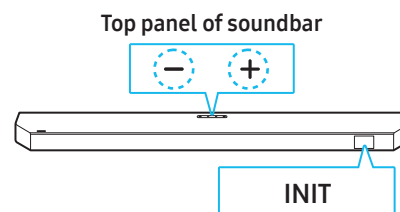
1. Go to the Samsung website ([www.samsung.com](http://www.samsung.com)) → Go to Customer Support and search for your soundbar model name.
  - For more information on firmware updates, see the upgrade guide.
2. Download the Upgrade File (USB Type).
3. Unzip the downloaded compressed file into a folder created with an identical name to the compressed file.
4. Save the created folder to a USB thumb drive and connect it to the soundbar.
5. Turn on the soundbar. **"UPDATE"** will appear on the display within 3 minutes at which point the update will begin.
  - Do not turn off the power or disconnect the USB thumb drive while the update is in progress.
  - If **"UPDATE"** doesn't show on the soundbar display, reconnect the soundbar's power cord.
  - If your soundbar has the latest firmware installed, the update won't run.
  - The update may not run, depending on the type of USB thumb drive.

## Security updates information

Security updates are provided to strengthen the security of your device and protect your personal information. For more information on security updates, visit <https://security.samsungtv.com>.

- The website supports only some languages.

## Reset



While the soundbar is turned on, press both **— + (Volume)** buttons on the soundbar for 5 seconds or longer. **"INIT"** will appear on the front display and the soundbar will reset.

### ⚠ Caution

- This will reset all settings of the soundbar. Reset the soundbar only when needed.

# 11 TROUBLESHOOTING

Before seeking assistance, check the following.

## When the power doesn't turn on

- Check if the power cord is securely connected to the soundbar.

## When some functions aren't working properly

- Disconnect the power cord, then connect it again.
- Turn off the connected external device, and then turn it back on.
- If there is no signal input, the soundbar will automatically turn off after a certain period.  
Turn on the power.

## If the remote control isn't working properly

- Bring the remote control closer to the soundbar and point it directly at the soundbar to select inputs.
- Replace the batteries with new ones.

## When the soundbar indicator light stays red

- The microphone is turned off. When the microphone is turned on, the indicator will turn off.

## If there is no sound coming from the soundbar

- The soundbar volume may be low, or the soundbar may be set to mute. Adjust the volume levels.
- When using external devices (STB, Bluetooth device, mobile device, etc.) connected to the soundbar, adjust the volume on each device.
- The sound output may be set to the TV. Select the soundbar as the sound output for the TV. (Samsung TV Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Sound Output → Select Soundbar)
- The cable connected to the soundbar may be loose. Disconnect the cable from the soundbar and then connect it again.
- Disconnect the power cord, connect it again, and then turn the soundbar on.
- Reset the soundbar and try again. (Please see page 24.)

## If there is no sound from the subwoofer or surround speakers

- Check if the LED indicator on the rear of the subwoofer or surround speaker is blue. If the indicator is red or blinking blue, reconnect the soundbar to the subwoofer and surround speakers. (Please see page 9.)
- If an object is placed between the soundbar and subwoofer, this can cause issues. Move the subwoofer to a place where there is no interfering object.
- If there is a device emitting radio frequency signals nearby, it may interrupt the connection.  
Keep the soundbar or speakers away from such devices.
- Disconnect the power plug, then connect it again.

## If the subwoofer or surround speaker emits noise or a stuttering sound

- If an object is placed between the soundbar and subwoofer, this can cause issues. Move the subwoofer to a place where there is no interfering object.
- Audio can be interrupted when the subwoofer and surround speakers are placed far away the soundbar. Place them closer to the soundbar.
- Audio may stutter if the soundbar is placed near an electronic device or appliance that causes radio interference. Place the soundbar away from any device that causes radio interference. Example) Wireless router, etc.
- Change the TV network connection from wireless to wired.

## When the subwoofer sound is low

- The original audio that is currently being played may have a low volume. Adjust the level of the subwoofer by using the **Woofer Level** button on the remote control.
- Bring the subwoofer speaker closer to you.

## When the TV can't connect to the HDMI TO TV (eARC/ARC)

- Make sure the HDMI cable is securely connected to the ARC or eARC port. (Please see page 12.)
- The soundbar connection may not work due to other devices (such as set-top boxes, game consoles, etc.) connected to the TV. Connect only the soundbar to the TV, without any other devices.
- HDMI-CEC may not be turned on for the TV. Enable CEC in the TV menu. (Samsung TV: Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Connection → External Device Manager → Anynet+ (HDMI-CEC) ON)
- To connect with eARC, the eARC function in the TV menu should be turned on.  
(Samsung TV: Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Expert Settings → HDMI-eARC Mode (Auto))

## There is no audio when the TV is connected in HDMI TO TV (eARC/ARC) mode

- The soundbar can't reproduce the inputted signal. Change the TV's audio output to PCM or Dolby Digital. (Samsung TV: Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Expert settings → Digital Output Audio Format)

#### When a Bluetooth connection can't be established

- When connecting a new device to the soundbar, switch to **BT PAIRING** to connect. (Press the **Pair** button on the Remote Control or press and hold the **Ø (Microphone)** button for 3 seconds or longer.)
- If the soundbar is connected to another device, disconnect that device first to switch to another device.
- Remove the speaker from the Bluetooth speaker list in the device, then reconnect.  
(Samsung TV: Home (🏠) → Menu → Settings (⚙️) → All Settings (⚙️) → Sound → Sound Output → Bluetooth Speaker List)
- The TV CONNECT feature may be turned off. While the soundbar is in **"BT READY"**, press and hold the **Left** button on the Soundbar Remote Control for 5 seconds to select **ON-TV CONNECT**. If you see **OFF-TV CONNECT**, press and hold the **Left** button for 5 seconds to switch the selection.
- Disconnect the power plug, connect it again, and then try again.
- Reset the soundbar and try again. (Please see page 24.)

#### When the audio stutters due to a weak Bluetooth connection

- Audio may stutter if the soundbar is placed near an electronic device or appliance that causes radio interference. (e.g., microwave oven, wireless router, etc.)
- The sound may cut out if the connected device is too far from the soundbar. Please move the device closer to the soundbar.
- If your body is in contact with the Bluetooth transceiver or the soundbar is placed on metal furniture, the audio may stutter. Check the installation environment and conditions.

#### When a Wi-Fi connection can't be established

- Check whether your wireless router is on.
- Turn off the router, turn it back on, and then try to reconnect.
- If the wireless router signal is weak, a Wi-Fi connection may not be possible. Move the wireless router closer to the soundbar or place it in an unobstructed location.
- If you have installed a new wireless router, you'll need to reconfigure the speaker's network settings. (Refer to the contents in 19 page **'To change your Wi-Fi (wireless network).'**)
- The soundbar doesn't support Wi-Fi 6.

#### When the TV is powered on, but the soundbar doesn't turn on together with it

- When you turn off the soundbar first while watching TV, the Auto Power Link on the soundbar will also be turned off. Power off the TV first.

#### The AVA Pro feature can't be used in the following cases.

- The AVA Pro feature can't be used when the microphone is turned off.

#### My TV and soundbar are connected, but when I switch to soundbar mode, no audio is played through the TV speakers.

- If you connect your mobile device to the soundbar while it is connected to a TV and audio is playing, the audio output will switch to your mobile device's, but the soundbar will remain connected to the TV.  
The TV audio won't make sound from any speakers in this case.
- When you end the connection between your mobile device, the soundbar will play the TV audio.

#### If the soundbar does not appear in the list of AirPlay-compatible devices

- Ensure that you have agreed to the terms of use for the Samsung SmartThings app and register the device. (Please see page 20.)
- Ensure that the soundbar is not deleted from the Samsung SmartThings app.
- Check and see if your soundbar and your Apple devices are connected to the same Wi-Fi network.
- Note that iOS version 13.4 or later is required.

#### The TV doesn't display the UHD input signal.

- You may need to adjust the settings on your TV or source device. Refer to your TV manual or device manual for more details.
- Check if your Ultra High Speed HDMI cable is certified by HDMI.org. (HW-Q990F/Q900F models only)

#### Group Play isn't activated.

- Check that your audio device is a new model released in 2024 or later.
- Check to make sure that the host device, which is the source, is connected to the Wi-Fi network.
- The audio devices must be connected to the same Wi-Fi network (5GHz).

## 12 LICENCES & OTHER INFORMATION

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- 



Being Roon Ready means that Samsung and Roon streaming technology, for an incredible user interface, simple setup, rock-solid daily reliability, and the highest levels of audio performance, without compromise.

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Please visit [www.samsung.com/global/ecodesign\\_energy](http://www.samsung.com/global/ecodesign_energy) to find further information about off mode, standby mode, and networked standby mode associated with EU standby ecodesign regulation.

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