SAMSUNG

FULL MANUAL

HW-LST70T

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SAFETY INFORMATION

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.
Refer to the table below for an explanation of symbols which may be on your Samsung product.

CAUTION **RISK OF ELECTRIC SHOCK. DO NOT OPEN.**	
	This symbol indicates that high voltage is present inside. It is dangerous to make any kind of contact with any internal part of this product.
	This symbol indicates that this product comes with important literature concerning operation and maintenance.
	Class II product : This symbol indicates that a safety connection to electrical earth (ground) is not required. If this symbol is not present on a product with a power cord, the product MUST have a reliable connection to protective earth (ground).
	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 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

- 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):

FCC Supplier's Declaration of Conformity

Responsible Party - U.S. Contact Information:
Samsung Electronics America, Inc.
85 Challenger Road.
Ridgefield Park, NJ 07660
Phone: 1-800-SAMSUNG (726-7864)

FCC Compliance Statement :
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.

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 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.

Class B FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

CALIFORNIA USA ONLY (Applicable for networking models only.)

This Perchlorate warning applies only to primary CR(Manganese Dioxide) Lithium coin cells in the product sold or distributed ONLY in California USA "Perchloate Material - special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate."

Dispose unwanted electronics through an approved recycler. To find the nearest recycling location, go to our website:www.samsung.com/recycling Or call, 1-800-SAMSUNG

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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. Clean only with dry cloth.
6. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
8. 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.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. 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.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as damage to the power-supply cord or plug, product malfunction, and product fall-down.

PRECAUTIONS

1. Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the bottom 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 other heat sources. This could lead to overheating and cause the unit to malfunction.
4. Protect the product from 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 or fire. Do not short circuit, disassemble, or overheat the battery.
   CAUTION : Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type.

DURABILITY

- The Soundbar provides the robust durability by IP55 so that it can be used in outdoor environment (when installed and used as per the instructions in this User Manual).
- The remote control of this product provides durability by IP56.

Protection against solids	IP		Protection against water
	5	5	
No protection	0	0	No protection
Solids > 50 mm	1	1	Vertically falling water
Solids > 12 mm	2	2	Vertically water - enclosure tilted 15°
Solids > 2.5 mm	3	3	Sprayed water 60° from vertical
Solids > 1.0 mm	4	4	Splashed water from all directions
Dust Protected	**5**	**5**	**Hosing jets from all directions**
Dust tight	6	6	Strong hosing jets from all directions
-		7	Temporary Immersion: 1 m for 30 minutes
-		8	Immersion: manufacturer defined depth and time

Despite the IP55 and IP56 ratings, your Soundbar and remote control are not impervious to water damage in any situation. To help prevent damage to your products, avoid the products being subjected to:

- Water projected by a source greater than 6.3 mm against enclosure from any direction or submersion in water.
- Water projected at greater than 30 kPs (4.4 psi) with a water volume greater than 12.5 litres/minute for more than 3 minutes and extreme weather conditions.

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01 CHECKING THE COMPONENTS

Soundbar Main Unit

Soundbar Remote Control (AH81-12825A) / Batteries

Optical Cable (AH39-00779A)

AC/DC Adapter (AH81-12828A)

Wall Mount Guide (AH81-13001A)

Holder-Screw (AH61-04110A)

Bracket-Top (AH61-04260A)

Bracket-Bottom (AH61-04259A)

Bracket-Guide (AH82-01875A)

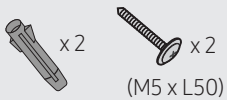
Bracket-Wall Mount (AH61-04258A)

Screw-Taptype (6003-000275)

Screw-Machine (6001-001202)

Bolt-Etc (6011-006960)

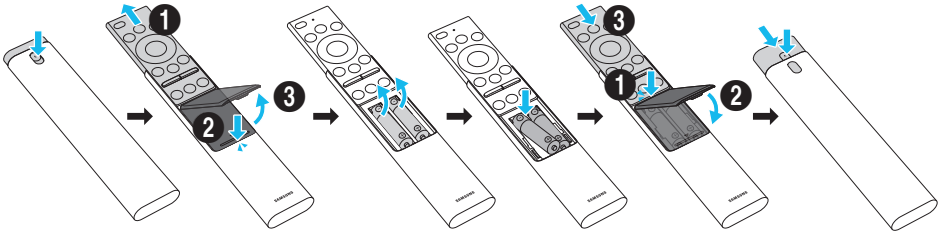
A/S Bolt-Etc (AH81-12742A)



Anchor / Screw (VA96-01005C)

- 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)
- To purchase additional components or optional cables, contact a Samsung Service Center or Samsung Customer Care.
- For Soundbar wall mounting components, see pages 18~23.
- This Soundbar is intended only for TV mount or wall mount.
- Design, specifications, and App screen are subject to change without prior notice.
- The appearance of the accessories may differ slightly from the illustrations above.

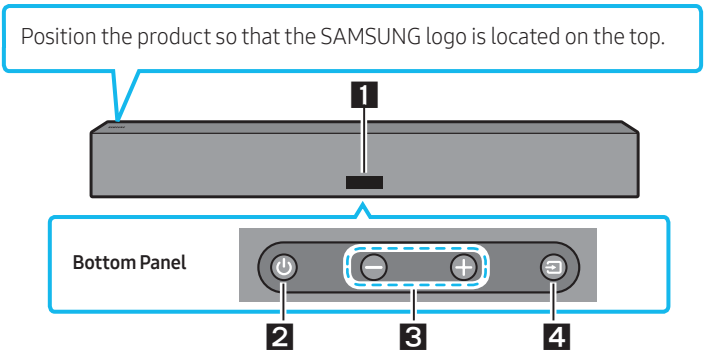
Inserting Batteries before using the Remote Control (AAA batteries X 2)



1. Press the ⏏ button at the top rear of the Soundbar remote control. The body will pop out slightly from the body cover.
2. Turn the remote over, push the body of the remote upwards until the battery compartment is revealed, and then remove the battery cover.
3. If there are batteries in the remote, to remove the existing batteries.
4. Insert two new batteries (1.5V AAA type) into the battery compartment making sure that the batteries' polarities (+, -) are oriented correctly.
5. Once the batteries have been inserted, attach the battery cover and then slide down the body of the remote.
6. Turn the remote over, press and hold the ⏏ button on the top rear, and then slide the body of the remote down into place.
   - Alkaline batteries are recommended for longer battery life.

02 PRODUCT OVERVIEW

Front Panel / Bottom Panel of the Soundbar

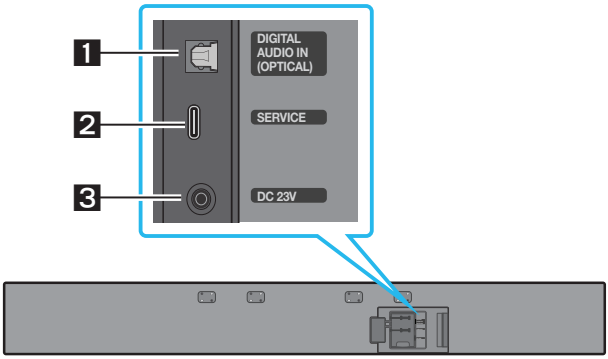


1	**Display** Displays the product's status and current mode.
2	**(Power) Button** Turns the power on and off.
3	**− +(Volume) Button** Adjusts the volume.
4	**(Source) Button** Selects the source input mode.

Input mode	Display
Optical Digital input	D.IN
Wi-Fi mode	WIFI
BLUETOOTH mode	BT

- When you plug in the AC cord, the power button will begin working in 4 to 6 seconds.
- When you turn on this unit, there will be a 4 to 5 second delay before it produces sound.
- If you hear sounds from both the TV and Soundbar, go to the **Settings** menu for the TV audio and change the TV speaker to **External Speaker**.

Rear Panel of the Soundbar

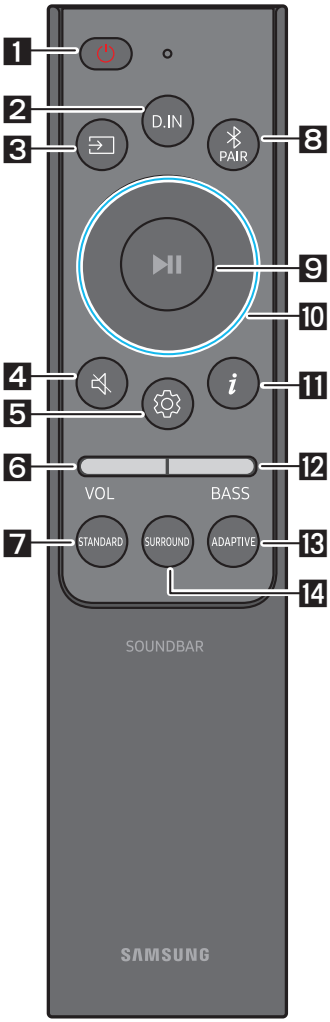


1	**DIGITAL AUDIO IN (OPTICAL)** Connect to the digital (optical) output of an external device. (See page 29)
2	**SERVICE** Connect a USB storage device to upgrade the product's software.
3	**DC 23V** (Power Supply In) Connect the AC/DC power adapter. (See page 17)

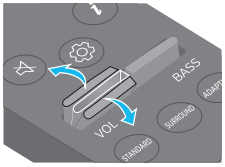
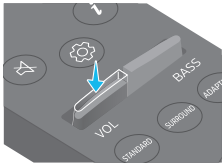
- When disconnecting the power cable of the AC/DC power adaptor from a wall outlet, pull the plug. Do not pull the cable.
- Do not connect this unit or other components to an AC outlet until all connections between components are complete.

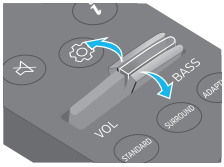
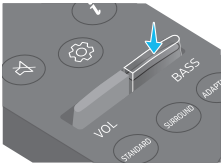
03 USING THE REMOTE CONTROL

How to Use the Remote Control



1	Power	Turns the Soundbar on and off. • **Auto Power Down Function** The unit turns off automatically in the following situations: – In **D.IN** / **Wi-Fi** / **BT** mode if there is no audio signal for 18 minutes.
2	D.IN D.IN	Press to enter the "**D.IN**" mode.
3	Source	Press to select a source connected to the Soundbar.
4	Mute	Press the **(Mute)** button to mute the sound. Press it again to unmute the sound.
5	Sound Control	When pressed, the setting items such as **TREBLE**, or **SYNC** are displayed in sequence. The desired item can be adjusted using the **Up**/**Down** buttons. – To adjust the **TREBLE** volume, select Sound Control → **TREBLE**, and then use the **Up/Down** buttons to adjust the volume within a -6 to +6 range. – Press and hold the **(Sound Control)** button for about 5 seconds to adjust the sound for each frequency band. 150Hz, 300Hz, 600Hz, 1.2kHz, 2.5kHz, 5kHz, and 10kHz are selectable using the **Left/Right** buttons and each can be adjusted to a setting between -6 to +6 using the **Up/Down** buttons. (Make sure the Sound mode is set to "**STANDARD**".) – If the video on the TV and audio from the Soundbar are not synchronized, select **SYNC** in Sound Control, and then set the audio delay between 0~300 milliseconds by using the **Up/Down** buttons. – **SYNC** is only supported for some functions.

6	VOLUME	  Push the button up or down to adjust the volume. • **Mute** Press the **VOL** button to mute the sound. Press it again to unmute the sound.
7	STANDARD STANDARD	Press this button to outputs the original sound.
8	PAIR Bluetooth PAIR	Switch the Soundbar to Bluetooth pairing mode. Press the button and wait for the "**BT PAIRING**" screen to connect to a new Bluetooth device.
9	Play / Pause	You can also play or pause music by pressing the button.
10	Up/Down/ Left/Right	**Press the indicated areas to select Up/Down/Left/Right.** Press Up/Down/Left/Right on the button to select or set functions. • **Repeat** To use the Repeat function, press the **Up** button. • **Music Skip** Press the **Right** button to select the next music file. Press the **Left** button to select the previous music file.
11	Info	When pressed, the information for the connected sources and Bluetooth devices appears.

12	BASS	  Push this button up or down to adjust the bass volume within a -6 to +6 range.
13	ADAPTIVE ADAPTIVE	Press this button to analyzes the content in real time and automatically provides the optimal sound field based on the characteristics of the content.
14	SURROUND SURROUND	Press this button to provide a wider sound stage than standard.

Using the Hidden Buttons (Buttons with more than one function)

Hidden Button		Reference page
Remote Control Button	**Function**	
BASS (Up)	TV remote control On/Off (Standby)	page 16
(Sound Control)	7 Band EQ	page 12

Output specifications for the different sound effect modes

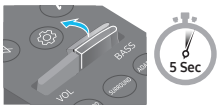
Effect	Input	Output
STANDARD	2.0 ch	2.0 ch
	5.1 ch	3.0 ch
SURROUND	2.0 ch	3.0 ch
	5.1 ch	3.0 ch
ADAPTIVE	2.0 ch	2.0 ch
	5.1 ch	3.0 ch

Adjusting the Soundbar volume with a TV remote control

Adjust the Soundbar volume using the TV's remote control.

- This function can be used with IR remote controls only. Bluetooth remote controls (remote controls that require pairing) are not supported.
- Set the TV speaker to **External Speaker** to use this function.
- Manufacturers supporting this function:
  VIZIO, LG, Sony, Sharp, PHILIPS, PANASONIC, TOSHIBA, Hisense, RCA

1. Turn Off the Soundbar.
2. Push up and hold the **BASS** button for 5 seconds.
   Each time you push the **BASS** button up and hold it for 5 seconds, the mode switches in the following order: "**SAMSUNG-TV REMOTE**" (Default mode), "**OFF-TV REMOTE**", "**ALL-TV REMOTE**".

Remote Control Button	Display	Status
	(Default mode) 	Enable a Samsung TV's IR remote control.
		Disable the TV remote control.
		Enable a third-party TV's IR remote control.

04 CONNECTING THE SOUNDBAR

Connecting Electrical Power

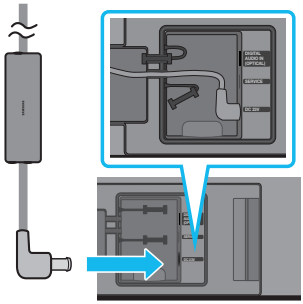
Connect the Soundbar to an electrical outlet in the following order:

1. Connect the AC/DC adapter to the Soundbar.
2. Connect the power cord to a wall socket.

- 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)

CAUTION ! TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE AC/DC ADAPTOR TO RAIN OR MOISTURE.

AC/DC Adapter



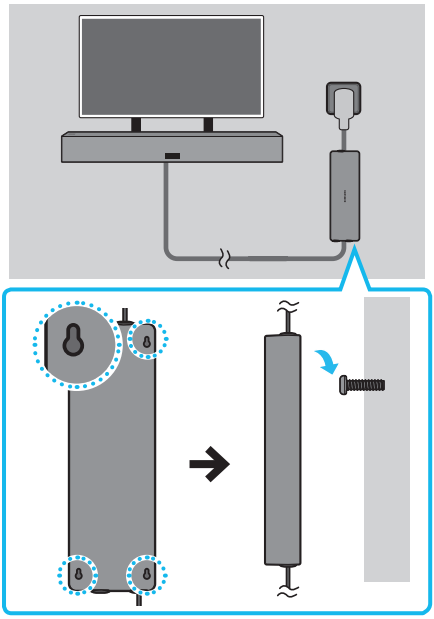
Rear of the Soundbar Main Unit

- While the cable is not in use, seal it with the silicone.

NOTES

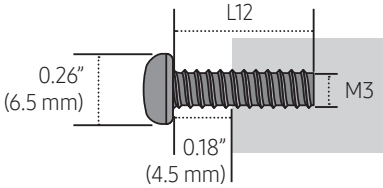
- If you unplug and reconnect the power cord when the product is turned on, the Soundbar turns on automatically.
- Never forcibly pull the power cord of AC/DC adapter.
- When installing the AC/DC adapter horizontally, place it with the Samsung logo facing upward.

How to mount the AC/DC adapter



- Tighten 2 or 4 screws (not supplied) on the wall or table and then insert them into the grooves on the rear of the AC/DC adapter. You cannot install the adapter directly on the floor.
- For the mounting screws, see the following figures.

Recommended Screw specification (not supplied)



05 INSTALLING THE WALL MOUNT

Installation Precautions

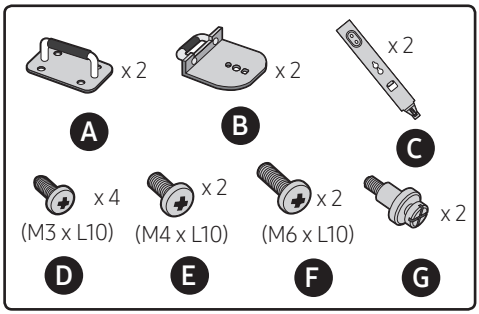
- Install on a vertical wall only.
- Verify whether the wall is strong enough to support the product's weight. If not, reinforce the wall or choose another installation point.
- Purchase and use the fixing screws or anchors appropriate for the kind of wall you have (plaster board, iron board, wood, etc.). 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 (35 mm) 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.
- When installing the Soundbar, keep away from other heat sources (e.g. a fireplace).
- For the stable use of the product, it should be installed in a place where there is no risk of freezing due to snow accumulation or exposure to rain for a long time.
- When leaving the Soundbar outdoors,dust or foreign substances may accumulate. When not in use, be sure to keep it covered with a cloth or cover.
  - It is recommended to use cover for Weather Resistance against water & dust.
- For more information about TV installation on a wall, refer to the TV's wall mounting guide.
- Samsung does not assume the responsibility for the damage caused by improper installation of the product.
- It is recommended that the Soundbar is installed undercover, protected from extreme weather conditions.

Method 1. TV mount

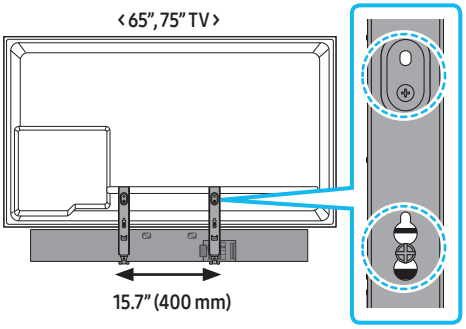
Pre-connection Checklist

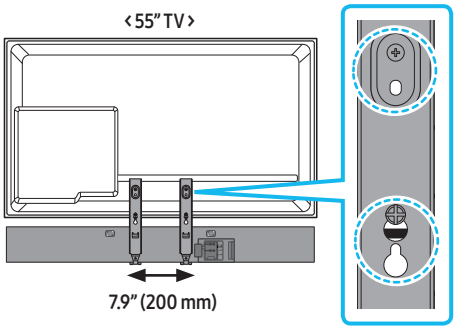
- This Soundbar is compatible with the Samsung outdoor TV model called "The Terrace" with the following model names: QN**LST**, GQ**LST**, QA**LST**, QE**LST** (e.g., QN65LST7T)

TV mount Components



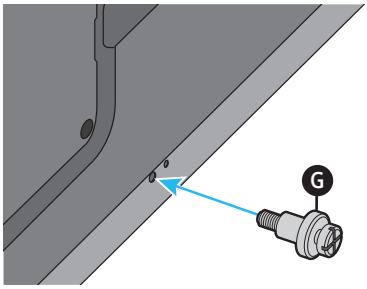
Installation Example





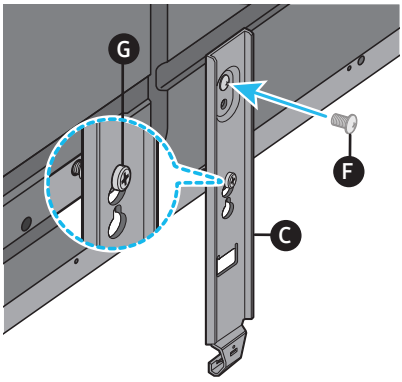
1.

‹Rear of the Samsung TV›



2.

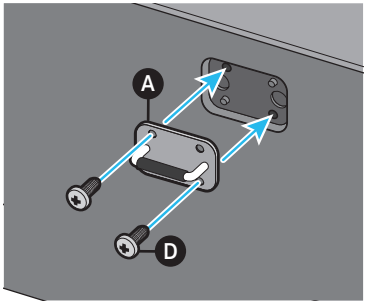
‹Rear of the Samsung TV›



- Tighten the TV with it lying down C.

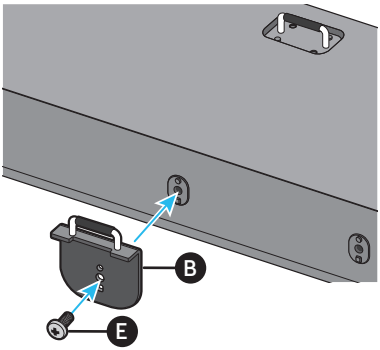
3.

‹ Rear of the Soundbar ›



4.

‹ Bottom of the Soundbar ›



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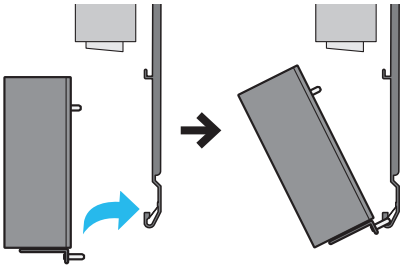
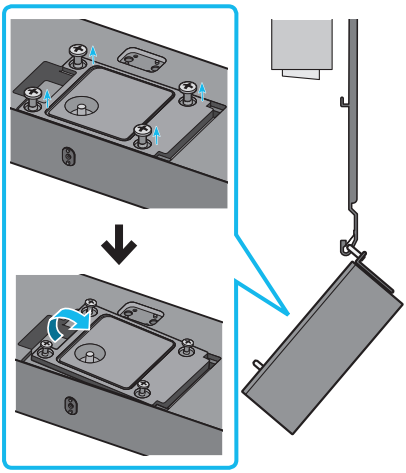


Deviation preventing plate

6.



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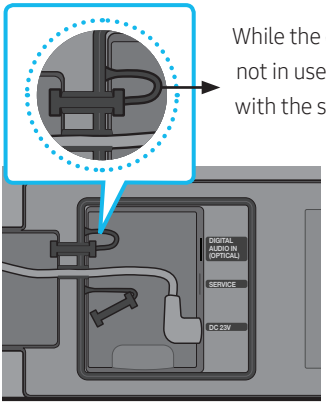
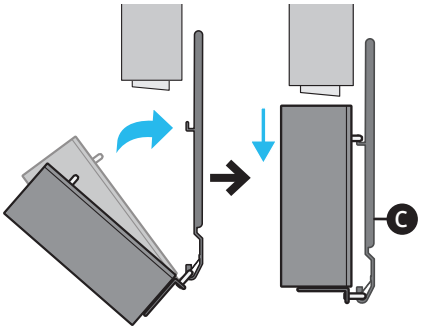


While the cable is not in use, seal it with the silicone.

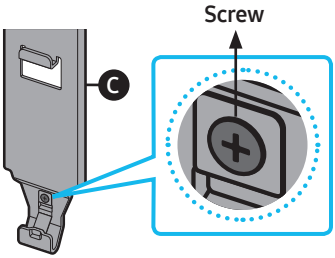
- After the cable is connected, close its cover and then tighten the loosened screws.

8.



- Before hooking up the Soundbar to C, slightly lift the product and then push it down for assembly.

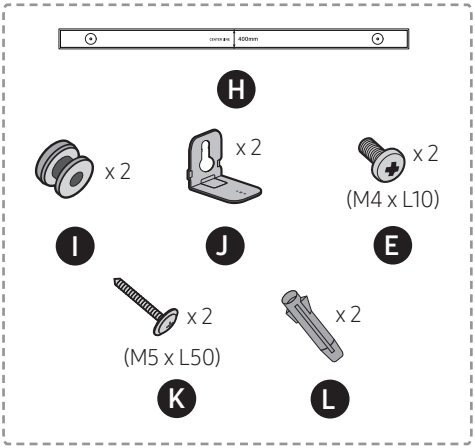
NOTES



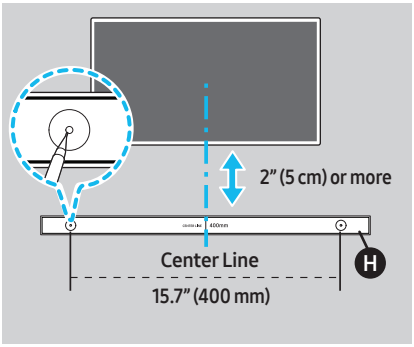
- When separating the Soundbar frome the TV, please loosen te screw on the C.
- When removing the Soundbar, be careful because the deviation preventing plate may be deformed.

Method 2. Wall mount

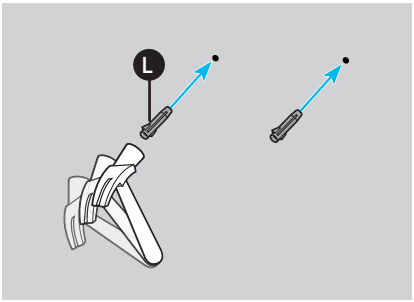
Wallmount Components



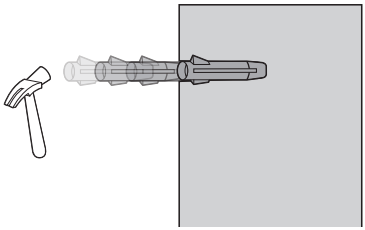
1.



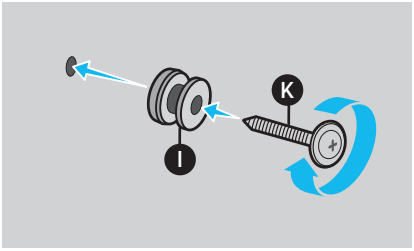
2.



3.

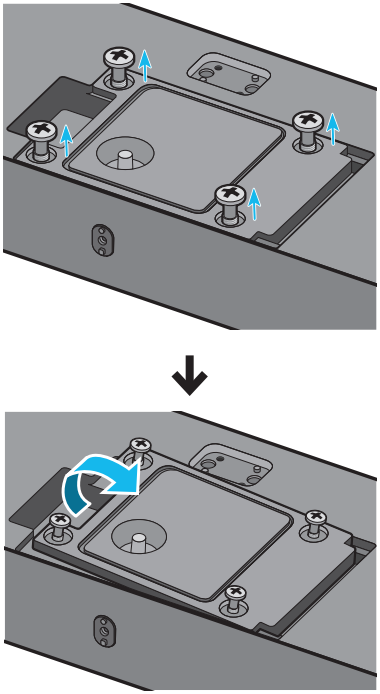


4.

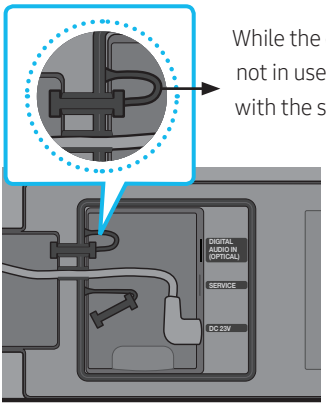


- Recommended torque : 10~12 kgf.cm

5.



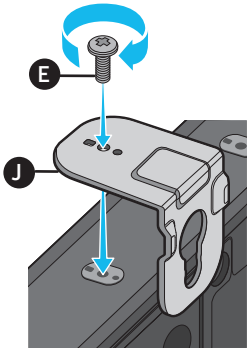
6.



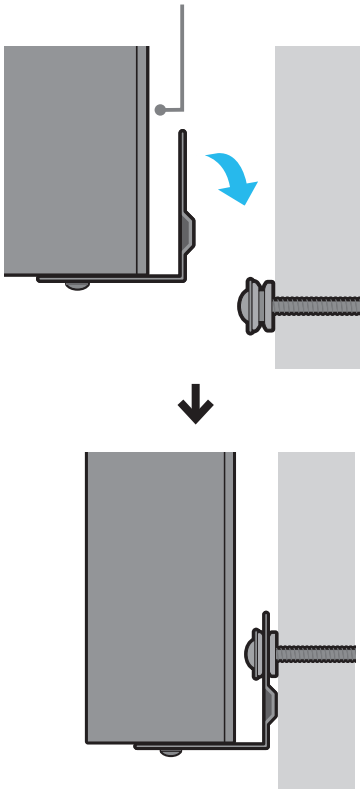
While the cable is not in use, seal it with the silicone.

- After the cable is connected, close its cover and then tighten the loosened screws.

7.



8. Rear of the Soundbar



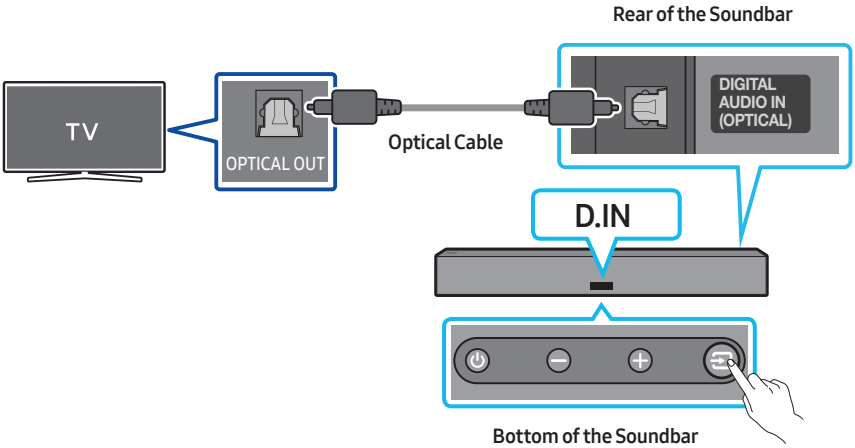
06 USING A WIRED CONNECTION TO THE TV

Connecting using an Optical Cable

When the audio in a broadcast is encoded in Dolby Digital and the “Digital Output Audio Format” on your TV is set to PCM, we recommend that you change the setting to Dolby Digital. When the setting on the TV is changed, you will experience better sound quality. (The TV menu may use different words for Dolby Digital and PCM depending on the TV manufacturer.)

Pre-connection Checklist

- When using the Soundbar outdoors, it is recommended to connect an Optical cable for smooth sound output.
- Be sure to use the optical cable provided with the product.
- To purchase any optical cable separately, contact the nearest dealer or Samsung Service Center.
- The optical cable provided with the product is designed to meet the specification (0.16 inches (4 mm)) for Water Resistance. When using an optical cable purchased from other site, the Water Resistance function may not work properly.
- When you use an optical cable and the terminals have covers, be sure to remove the covers.



1. With the TV and Soundbar turned off, connect the **DIGITAL AUDIO IN (OPTICAL)** port on the Soundbar and the OPTICAL output port on the TV with the optical cable, as shown in the figure.
2. Turn on the Soundbar and TV.
3. Select "**D.IN**" mode by pressing the **(Source)** button on the bottom of the Soundbar or the **D.IN** button on the Soundbar remote control.
4. The TV sound is output from the Soundbar.

07 USING A WIRELESS CONNECTION TO THE TV

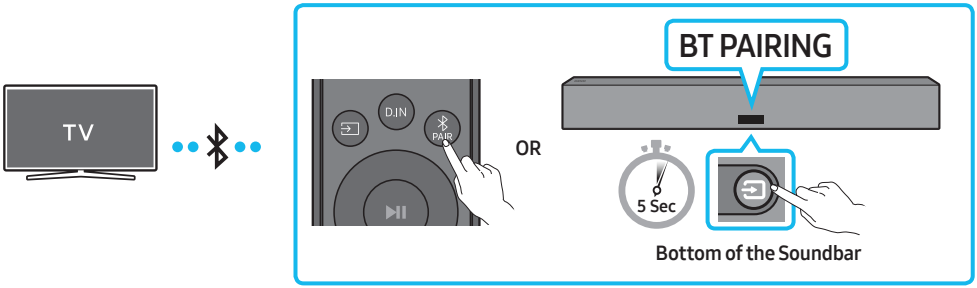
Pre-connection Checklist

- When used outdoors, wireless performance may degrade. Accordingly, use the provided optical cable if possible.

Method 1. Connecting via Bluetooth

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

- Only one Samsung TV can be connected at a time.
- Samsung TV that supports Bluetooth can be connected. Check the specifications of your TV.



The initial connection

1. Press the **PAIR** button on the Soundbar remote control to enter the "**BT PAIRING**" mode.

(OR)

a. Press the **(Source)** button on the bottom panel and then select "**BT**".
"**BT**" changes to "**BT PAIRING**" in a few seconds automatically or changes to "**BT READY**" if there is a connect record.

b. When "**BT READY**" appears, press and hold the **(Source)** button on the bottom panel of the Soundbar for more than 5 seconds to display "**BT PAIRING**".

2. Select Bluetooth mode on the Samsung TV.
(e.g. Home ( ) → Settings ( ) → Sound → Sound Output → Bluetooth Speaker List → [AV] Samsung Soundbar LST70T (Bluetooth))

3. Select "**[AV] Samsung Soundbar LST70T**" from the list on TV's screen.
   An available Soundbar is indicated with "**Needs Pairing**" or "**Paired**" on the TV's Bluetooth device list. To connect the Samsung TV to the Soundbar, select the message, and then establish a connection.
   - When the Samsung TV is connected, **[TV] Name** → "**BT**" appears on the Soundbar's front display.
4. You can now hear Samsung TV sound from the Soundbar.
   - After you have connected the Soundbar to your Samsung TV the first time, use the "**BT READY**" mode to reconnect.

If the device fails to connect

- If you have an existing Soundbar (e.g., **[AV] Samsung Soundbar LST70T**) on the list of speakers on the Samsung TV, delete it.
- Then repeat steps 1 through 3.

Disconnecting the Soundbar from the Samsung TV

Press the **(Source)** button on the bottom panel or on the remote control and switch to any mode but "**BT**".

- Disconnecting takes time because the Samsung TV must receive a response from the Soundbar. (The time required may differ, depending on the Samsung TV model.)

What is the difference between BT READY and BT PAIRING?

- **BT READY** : In this mode, you can reconnect any Samsung TV or mobile device that was connected before.
- **BT PAIRING** : In this mode, you can connect a new device to the Soundbar. (Press the **PAIR** button on the Soundbar remote control or press and hold the **(Source)** button on the bottom of the Soundbar for more than 5 seconds while the Soundbar is in "**BT**" mode.)

Notes on Bluetooth connection

- Locate a new device within 3.28 ft (1 m) to connect via Bluetooth communication.
- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- The Soundbar automatically turns off after 18 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.

Method 2. Connecting via Wi-Fi

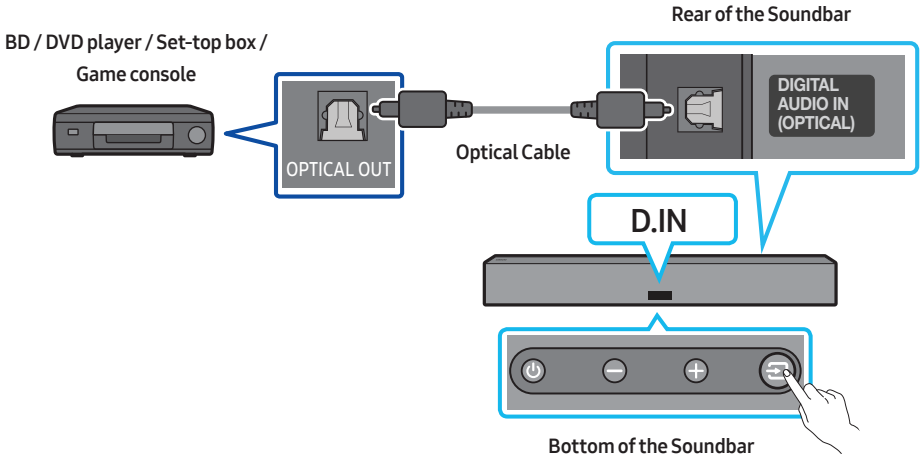
Pre-connection Checklist

- Wi-Fi connection is available only on Samsung TV.
- Check whether **the wireless router (Wi-Fi)** is turned on and the **TV is connected to the router**.
- The TV and Soundbar must be connected to the same wireless network (Wi-Fi).
- If your wireless router (Wi-Fi) uses a DFS channel, you will not be able to establish a Wi-Fi connection between the TV and Soundbar. Contact your Internet service provider for details.
- Because the menus may differ depending on the year of manufacture, refer to your TV manual.
- To connect the TV to the Soundbar via Wi-Fi, connect the Soundbar to the wireless router first. See page 33 for details on how to establish a Wi-Fi connection.

1. For more information about Wi-Fi connection to the Soundbar, see page 33, "**Method 2. Connecting via Wi-Fi (Wireless Network)**".
2. Change the input source of the TV by using the Audio menu to Soundbar.
   - **Samsung TVs released in 2017 or later**
     Home ( ) → Settings ( ) → Sound → Sound Output → [AV] Samsung Soundbar LST70T (Wi-Fi)

08 CONNECTING AN EXTERNAL DEVICE

Connecting using an Optical Cable



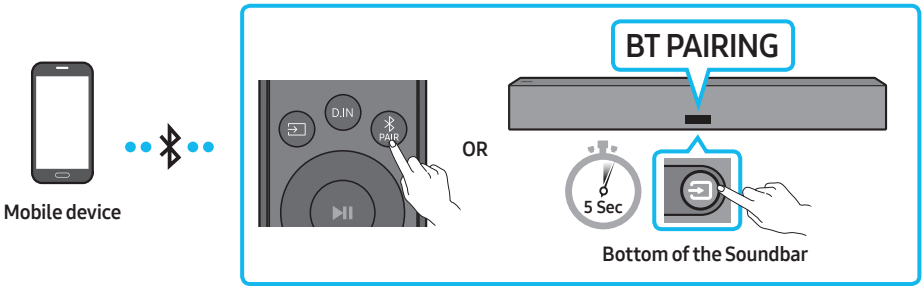
1. Use an optical cable to connect the **DIGITAL AUDIO IN (OPTICAL)** on the Soundbar main and the OPTICAL OUT port on the external device.
2. Turn on the Soundbar and external device.
3. Select "**D.IN**" mode by pressing the **(Source)** button on the bottom of the Soundbar or the **D.IN** button on the Soundbar remote control.
4. Your Soundbar will play sounds from the external device.

09 CONNECTING A MOBILE DEVICE

Method 1. Connecting via Bluetooth

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

- When you connect a paired Bluetooth device with the Soundbar off, the Soundbar automatically turns on.



The initial connection

- When connecting to a new Bluetooth device, make sure the device is within 3.28 ft (1 m) distance.

1. Press the **PAIR** button on the Soundbar remote control to enter the "**BT PAIRING**" mode.

(OR)

a. Press the **(Source)** button on the bottom panel and then select "**BT**".
"**BT**" changes to "**BT PAIRING**" in a few seconds automatically or changes to "**BT READY**" if there is a connect record.

b. When "**BT READY**" appears, press and hold the **(Source)** button on the bottom panel of the Soundbar for more than 5 seconds to display "**BT PAIRING**".

2. On your device, select "**[AV] Samsung Soundbar LST70T**" from the list that appears.
   - When the Soundbar is connected to the Mobile device, [**Mobile Device Name**] → "**BT**" appears in the front display.
3. Play music files from the device connected via Bluetooth through the Soundbar.
   - After you have connected the Soundbar to your mobile device the first time, use the "**BT READY**" mode to reconnect.

If the device fails to connect

- If you have an existing Soundbar (e.g., "**[AV] Samsung Soundbar LST70T**") in the list of speakers on the Mobile device, delete it.
- Repeat steps 1 and 2.

What is the difference between BT READY and BT PAIRING?

- **BT READY** : In this mode, you can reconnect any Samsung TV or mobile device that was connected before.
- **BT PAIRING** : In this mode, you can connect a new device to the Soundbar. (Press the **PAIR** button on the Soundbar remote control or press and hold the **(Source)** button on the bottom of the Soundbar for more than 5 seconds while the Soundbar is in "**BT**" mode.)

Notes on Bluetooth connection

- Locate a new device within 3.28 ft (1 m) to connect via Bluetooth communication.
- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- The Soundbar automatically turns off after 18 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.
- The Soundbar supports SBC data (44.1kHz, 48kHz).
- Connect only to a Bluetooth device that supports the A2DP (AV) function.
- You cannot connect the Soundbar to a Bluetooth device that supports only the HF (Hands Free) function.
- When connecting the Soundbar to a Bluetooth device, place them as close to each other as possible.
- The farther the Soundbar and Bluetooth device are from each other, the lower the sound quality will become.
  The Bluetooth connection may break when the devices are out of the effective range.
- The Bluetooth connection may not function as intended in areas with poor reception.

- A Bluetooth device may experience noise or malfunction under in the following conditions:
  - When the body is in contact with the signal transceiver on 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 still impact the sound quality even when the devices are within the effective range.
- Note that your Soundbar cannot be paired with other Bluetooth devices while using the Bluetooth option.
- This wireless device may cause electrical interference during operation.

Disconnecting the Bluetooth device from a Soundbar

You can disconnect a Bluetooth device from the Soundbar. For instructions, see the Bluetooth device's user manual.

- The Soundbar will be disconnected.
- When the Soundbar is disconnected from the Bluetooth device, the Soundbar will display "**BT DISCONNECTED**" on the front display.

Disconnecting the Soundbar from the Bluetooth device

Press the **(Source)** button on the bottom panel or on the remote control, and then change to any mode except "**BT**".

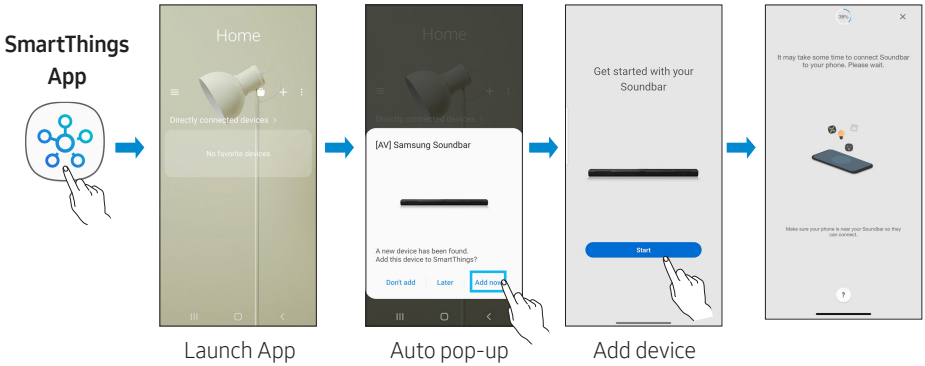
- Disconnecting takes time because the Bluetooth device must receive a response from the Soundbar. (Disconnection time may differ, depending on the Bluetooth device)
- When the Soundbar is disconnected from the Bluetooth device, the Soundbar will display "**BT DISCONNECTED**" on the front display.

Method 2. Connecting via Wi-Fi (Wireless Network)

To connect a Soundbar to a mobile device via a wireless network (Wi-Fi), the **SmartThings** app is required.

The initial connection

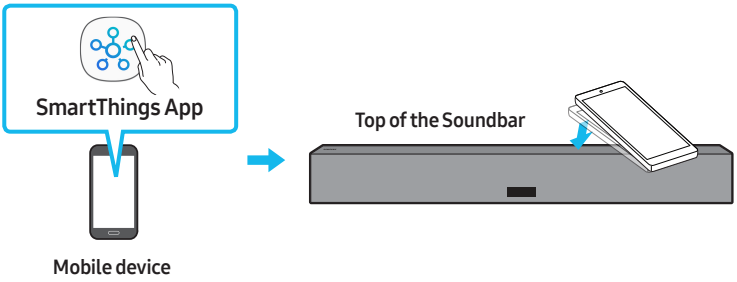
1. Install and launch the **SmartThings** app from your mobile device (smartphone or tablet).
2. On the app, follow the screen instructions to add the Soundbar.
   - The automatic pop-up (the second screenshot below) may not show on some devices.
     If the pop-up window does not appear, press "+" on the **Home** screen. The Soundbar is added to the app.



Using the Tap Sound

Tap the Soundbar with your mobile device to play the sound of content on the mobile device through the Soundbar.

- This function may not be supported, depending on the mobile device.
- 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.
   - For details on how to turn on the function, refer to "**Setting the Tap Sound function**" below.
2. Tap the Soundbar with the mobile device. Select "**Start now**" in the displayed message window. A connection is established between the mobile device and Soundbar via Bluetooth.
3. Play the sound of content on the mobile device through the Soundbar.
   - This function connects a mobile device to the Soundbar via Bluetooth by detecting vibration that occurs when the device touches the Soundbar.
   - Make sure the mobile device does not tap a sharp corner of the Soundbar. The Soundbar or mobile device may become scratched or damaged.
   - It is recommended that the mobile device be covered with a case. Lightly tap the wide area in the upper portion of the Soundbar, without using excessive force.
   - To use this function, update the **SmartThings** app to the latest version. The function may not be supported, depending on the app version.

Setting the Tap Sound function

Use the **SmartThings** app to turn on the **Tap View, Tap Sound** function.

1. On the mobile device, run the **SmartThings** app.
2. Select (→) in the **SmartThings** app screen displayed on the mobile device.
3. Set "**Tap View, Tap Sound**" to On to allow the function to work when a mobile device moves close to the Soundbar. The function is turned on.

NOTES

- When the mobile device is in power-saving mode, the **Tap Sound** function does not work.
- The **Tap Sound** function may not work if there are devices near the Soundbar that cause radio interference such as electric devices. Make sure devices that may cause radio interference are placed at a sufficient distance away from the Soundbar.

10 CONNECTING AN AMAZON PRODUCT

- This feature may not be available in some countries.
- This service is provided by Amazon and can be terminated at any time. Samsung does not assume responsibility for service availability.
- **Amazon Alexa** app screen is subject to change without prior notice.

Connect and use with an Amazon product (Amazon Echo)

Use an Amazon Echo product to control your Soundbar and enjoy music services provided by Amazon Echo.

NOTE

- Confirm that the Soundbar is connected to Wi-Fi. (Refer to “Method 2. Connecting via Wi-Fi (Wireless Network)”)

Use voice commands to control the Soundbar

- The Amazon Echo service you can use with your Soundbar is limited to music. Other services provided by Amazon Echo, such as news and weather, can only be accessed through your Amazon Echo product.

*** To use voice commands for the Soundbar named “Living room”**

Action	Voice Command
To set the volume level to 5	**"Alexa Set the volume to 5 on Living room"**
To increase the volume level	**"Alexa Volume up on Living room"**
To mute the sound	**"Alexa Mute on Living room"**
To listen to a radio station named KISS FM	**"Alexa Play Kiss FM on Living room"**
To play the next song	**"Alexa Next song on Living room"**
To stop the audio	**"Alexa Stop on Living room"**
To turn the audio off	**"Alexa Turn off on Living room"**

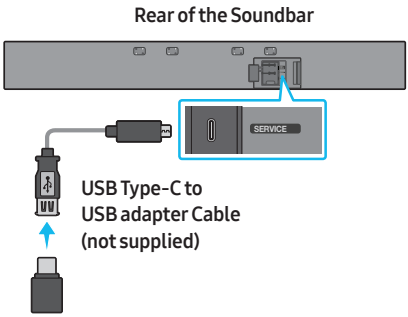
11 SOFTWARE UPDATE

Auto Update

When the Soundbar is connected to the Internet, software updates automatically occur even when the Soundbar is turned off.

- To use the Auto Update function, the Soundbar must be connected to the Internet. The Wi-Fi connection to the Soundbar will be terminated if the Soundbar's power cord is disconnected or the power is cut off. If the power is cut off, when the power comes back on or you reconnect the power cord, turn on the Soundbar, and then reconnect it to the Internet.

USB Update

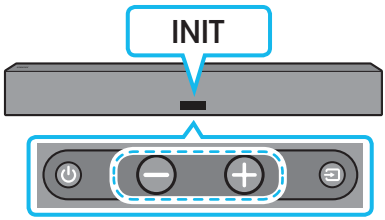


Samsung may offer updates for the Soundbar's system firmware in the future.

When an update is available, you can update the Soundbar by connecting the USB drive that contains the update firmware to the **SERVICE** port of the Soundbar.

1. Go to the Samsung Electronics website (www.samsung.com) → search for the model name from the customer support menu option.
   - For more information about update, refer to Upgrade Guide.
2. Download the upgrade file (USB type-C).
3. Unzip the file to create a folder with the file name.
4. Store the created folder in a USB and then connect it to the Soundbar.
5. Turn on the Soundbar. Then the product is updated within 3 minutes with displaying the message, "**UPDATE**".
   - During update, do not turn it off or remove the USB.
   - If "**UPDATE**" does not appear on the display window, remove the power cord from the Soundbar and then reconnect it.
   - When the latest version is installed, no update is performed.
   - Depending on the USB type, update may not be supported.

Initialization



Bottom of the Soundbar

With the Soundbar on, press the **− +(Volume)** buttons on the body at the same time for at least 5 seconds. "**INIT**" appears on the display and then the Soundbar is initialized.

⚠ **CAUTION**

- All the settings of the Soundbar are initialized. Be sure to perform this only when initialization is required.

12 TROUBLESHOOTING

Refer to the instructions 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).

In case the power is not turned on

- ➞ Check whether the power cord of the Soundbar is correctly inserted into the outlet.

In case the functions do not work properly

- ➞ After removing the power cord, insert it again.
- ➞ Remote the power cord from the external device and try again.
- ➞ If there is no signal, the Soundbar automatically turns off after a certain period of time. Turn on the power. (See page 12).

In case the remote control does not work

- ➞ Operate the remote control noting the Soundbar closely.
- ➞ Replace the batteries with new ones.

In case the Soundbar sound is not output

- ➞ The volume of the Soundbar is too low or muted. Adjust the volume.
- ➞ When any external device (STB, Bluetooth device, mobile device, etc.) is connected, adjust the volume of the external device.
- ➞ For sound output of the TV, select Soundbar. (Samsung TV: Home ( ) → Settings ( ) → Sound → Sound Output → Select Soundbar)
- ➞ The cable connection to the Soundbar may not be loose. Remove the cable and connect again.
- ➞ Remove the power cord completely, reconnect, and turn the power on.
- ➞ Initialize the product and try again. (See page 36.)

In case Bluetooth connection is not possible

- ➞ When connecting a new device, switch to "**BT PAIRING**" for connection. (Press the **PAIR** button on the remote control or press the **(Source)** button on the body for at least 5 seconds.)
- ➞ If the Soundbar is connected to another device, disconnect that device first to switch the device.
- ➞ Reconnect it after removing the Bluetooth speaker list on the device to connect. (Samsung TV: Home ( ) → Settings ( ) → Sound → Sound Output → Bluetooth Speaker List)
- ➞ The automatic TV connection may be disabled. While the Soundbar is in "**BT READY**", press and hold the ▶II button on the Soundbar remote control for 5 seconds to select **ON-TV CONNECT**. If you see **OFF-TV CONNECT**, press and hold ▶II button again for 5 seconds to switch the selection.
- ➞ Remove and reconnect the power plug, then try again.
- ➞ Initialize the product and try again. (See page 36.)

In case Bluetooth sound breaking occurs

- ➞ Sounds may be breaking due to interference by radio frequency or electronic devices nearby. Keep such devices away from the Soundbar to avoid radio interference. Example: microwave ovens.
- ➞ Because the device to connect is far away from the Soundbar, sound breaking may occur. Move the device near the Soundbar.
- ➞ If a part of your body is in contact with the Bluetooth transceiver or the product is installed on metal furniture, sound breaking may occur. Check the installation environment and conditions for use.

In case Wi-Fi connection is not possible

- ➞ Check whether your wireless router is on.
- ➞ Turn off the router, turn it back on, and then try again.
- ➞ When the signal of the wireless router is too weak, connection may not be possible. Move the router near the Soundbar or adjust the installed position with no obstacles.
- ➞ If your wireless router is new, you will need to reconfigure the speaker's network settings.

In case the Soundbar is not turned on as soon as the TV is turned on

- ➞ When you turn off the Soundbar while watching TV, power synchronization with the TV is disabled. First turn off the TV.

13 LICENSE

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Spotify

- Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how
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15 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, or call Samsung Product Support (1-800-726-7864) to find an answer before you contact a service center for a repair.

16 SPECIFICATIONS AND GUIDE

Specifications

Model Name	HW-LST70T
Weight	14.8 lbs (6.7 kg)
Dimensions (W x H x D)	48.0 x 5.5 x 2.1 inches (1220.0 x 140.0 x 53.5 mm)
Operating Temperature Range	-24°F to 122°F (-31°C to 50°C)
Operating Humidity Range	10% to 80%, non-condensing
Storage Temperature Range	-24°F to 122°F (-31°C to 50°C)
Storage Humidity Range	5% to 95%, non-condensing
AMPLIFIER Rated Output power	(45W x 4) + (10W x 3)
Supported play formats	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.
- This product may not operate safely under -4°F (-20 °C). It is recommended to connect the power cable to the outlet and after 1 hour, turn on the Soundbar power .
  - Be sure to stay connected to the power in -4°F to -24°F (-20°C to -31°C) environment.

Wi-Fi Port deactivation method	Press the **BASS** button on the Soundbar remote control for 30 seconds to turn Wi-Fi On / Off.
Bluetooth Port deactivation method	Press the **Info** button on the Soundbar remote control for 30 seconds to turn Bluetooth On / Off.

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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