

SAMSUNG

FULL MANUAL

HW-B450

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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.

	<div>CAUTION</div> <div>RISK OF ELECTRIC SHOCK.</div> <div>DO NOT OPEN.</div>	
	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 has included important literature concerning operation and maintenance.	
	Class II product : This symbol indicates that it does not require a safety connection to electrical earth (ground). 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 : This symbol indicates that the rated voltage marked with the symbol is AC voltage.	
	DC voltage : This symbol indicates that the rated voltage marked with the symbol is DC voltage.	
	Caution, Consult instructions for use : This symbol instructs the user to consult the user manual for further safety related information.	

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

- TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.
- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.
- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

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 (7~10 cm). Make sure the ventilation slots are not covered. Do not place the unit on amplifiers or other equipment which may become hot. This unit is designed for continuous use. To fully turn off the unit, disconnect the AC plug from the wall outlet. Unplug the unit if you intend to leave it unused for a long period of time.
2. During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.
3. Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and cause the unit to malfunction.
4. Protect the product from moisture (i.e. vases), and excess heat (e.g. a fireplace) or equipment creating strong magnetic or electric fields. Unplug the power cable from the AC wall socket if the unit malfunctions. Your product is not intended for industrial use. It is for personal use only. Condensation may occur if your product has been stored in cold temperatures. If transporting the unit during the winter, wait approximately 2 hours until the unit has reached room temperature before using.
5. The battery used with this product contains chemicals that are harmful to the environment. Do not dispose of the battery in the general household trash. Do not expose the battery to excess heat, direct sunlight, or fire. Do not short circuit, disassemble, or overheat the battery.
CAUTION : Danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type.

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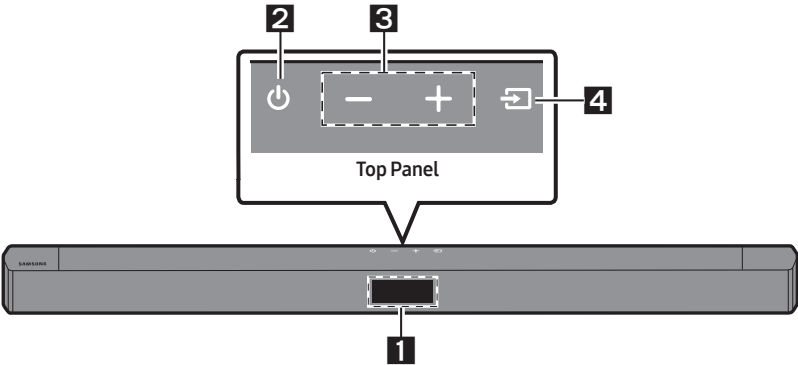
01 CHECKING THE COMPONENTS

		
Soundbar Main Unit	Subwoofer	Remote Control / Batteries
		
Power Cord (Subwoofer, Soundbar)	Optical Cable	Wall Mount Guide
		
Holder-Screw	Screw	Bracket-Wall Mount

- 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 Centre or Samsung Customer Care.
- The appearance of the accessories may differ slightly from the illustrations above.
- Design and specifications are subject to change without prior notice.

02 PRODUCT OVERVIEW

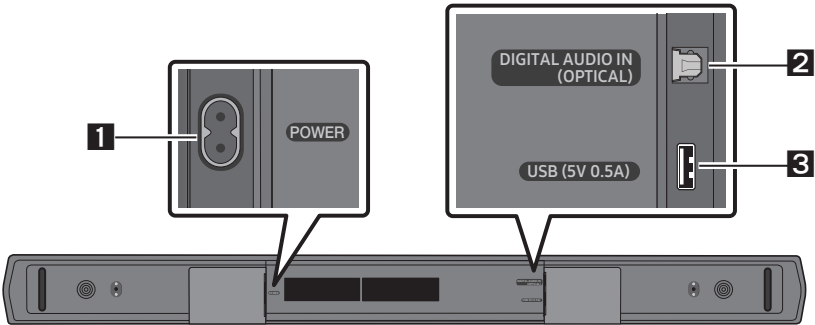
Front Panel / Top Panel of the Soundbar



1	Display Displays the product's status and current mode.								
2	(Power) Button Turns the power on and off. <ul style="list-style-type: none">• Auto Power Down Function The unit turns off automatically in the following situations:<ul style="list-style-type: none">– In D.IN / BT / USB Mode : If there is no audio signal for 18 minutes.								
3	– + (Volume) Button Adjusts the volume. <ul style="list-style-type: none">• When adjusted, the volume level appears on the Soundbar's front display.								
4	(Source) Button Selects the source input mode. <table><tr><th>Input mode</th><th>Display</th></tr><tr><td>Optical Digital input</td><td>D.IN</td></tr><tr><td>BLUETOOTH mode</td><td>BT</td></tr><tr><td>USB mode</td><td>USB</td></tr></table> <ul style="list-style-type: none">• To turn on "BT PAIRING" mode, change the source to "BT" mode, and then press and hold the (Source) button for more than 5 seconds.	Input mode	Display	Optical Digital input	D.IN	BLUETOOTH mode	BT	USB mode	USB
Input mode	Display								
Optical Digital input	D.IN								
BLUETOOTH mode	BT								
USB mode	USB								

- 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 want to enjoy sound only from the Soundbar, you must turn off the TV's speakers in the Audio Setup menu of your TV. Refer to the owner's manual supplied with your TV.

Bottom Panel of the Soundbar



1	POWER Connect the Soundbar's AC power cable.
2	DIGITAL AUDIO IN (OPTICAL) Connect to the digital (optical) output of an external device.
3	USB (5V 0.5A) Connect a USB device here to play music files stored on the USB device through the Soundbar.

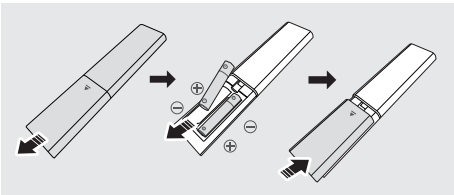
- When disconnecting the power cord from a wall outlet, pull the plug. Do not pull the cable.
- Do not connect this unit or other components to an AC outlet until all connections between components are complete.

03 USING THE REMOTE CONTROL

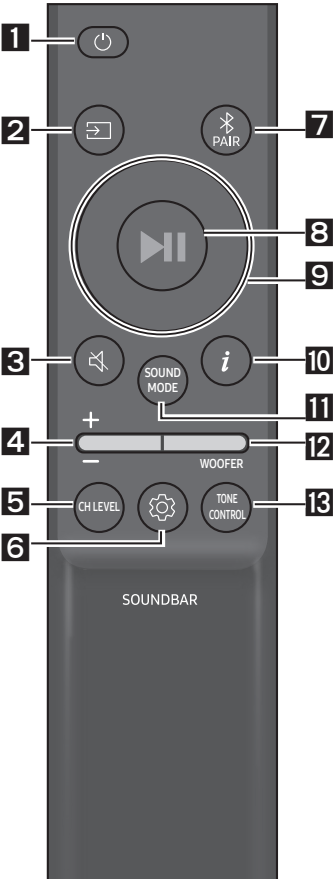
Inserting Batteries before using the Remote Control (AAA batteries X 2)






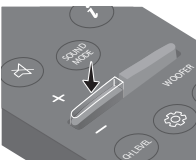
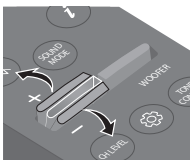
Slide the back cover in the direction of the arrow until it is completely removed.









Insert 2 AAA batteries (1.5V) oriented so that their polarity is correct. Slide the back cover back into position.








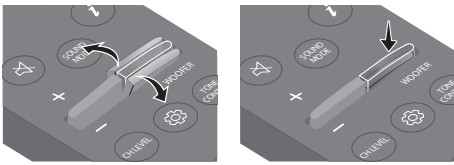

How to Use the Remote Control




1	 Power	Turns the Soundbar on and off.
2	 Source	Press to select a source connected to the Soundbar.
3	 Mute	Press the  (Mute) button to mute the sound. Press it again to unmute the sound.
4	 Volume	<div></div> <p>Push the button up or down to adjust the volume.</p> <ul style="list-style-type: none">• Mute Press the Volume button in to mute the sound. Press it in again to unmute the sound.

5	 CH LEVEL	<p>By pressing the button, you can adjust the volume of the each speaker.</p> <ul style="list-style-type: none"> Press the button to select VIRTUAL CENTER LEVEL and then adjust the volume between -6~+6 by using the Up/Down buttons. If the Rear Speakers (sold separately) are connected, the setting REAR LEVEL is supported. To adjust the volume of the REAR LEVEL between -6 to +6 by using the Up/Down buttons.
6	 Sound Control	<p>By pressing the button, you can set the audio function. The desired settings can be adjusted using the Up/Down buttons.</p> <p>AUDIO SYNC → VOICE ENHANCE ON/OFF → NIGHT MODE ON/OFF</p> <ul style="list-style-type: none"> AUDIO SYNC If the video on the TV and audio from the Soundbar are not synchronised, press the  (Sound Control) button to select AUDIO SYNC and then set the audio delay between 0~300 milliseconds by using the Up/Down buttons. (Not available in “USB” or “BT” mode.) VOICE ENHANCE ON/OFF This mode is makes it easier to hear spoken dialog in movies and TV. NIGHT MODE ON/OFF This mode is optimized for nighttime viewing with the settings adjusted to bring the volume down but keep the dialog clear. The VOICE ENHANCE, and NIGHT MODE audio function can be turned ON/OFF by using the Up/Down buttons. 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”.)
7	 Bluetooth PAIR	<p>Press the  PAIR button. “BT PAIRING” appears in the Soundbar’s display. You can connect the Soundbar to a new Bluetooth device in this mode by selecting the Soundbar from the Bluetooth device’s search list.</p>
8	 Play / Pause	<p>Press the  button to pause a music file temporarily. When you press the button again, the music file plays.</p>


<p>9</p>	 <p>Up/Down/ Left/Right</p>	 <p>Press the indicated areas to select Up/Down/Left/Right.</p> <p>Press Up/Down/Left/Right on the button to select or set functions.</p> <ul style="list-style-type: none"> • Repeat To use the Repeat function in “USB” mode, 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. • ID SET Press and hold the Up button for 5 seconds to complete ID SET (when connecting to a wireless subwoofer or wireless rear speakers).
<p>10</p>	 <p>Info</p>	<p>Press the button to display information about the current function. (See page 7.)</p>
<p>11</p>	 <p>SOUND MODE</p>	<p>By pressing the button, you can select the desired sound mode.</p> <p>SURROUND SOUND → GAME → ADAPTIVE → BASS BOOST → STANDARD</p> <ul style="list-style-type: none"> – SURROUND SOUND Provides a wider sound field than standard. – GAME Provides stereoscopic sound to immerse you in the action while gaming. – ADAPTIVE Analyzes the content in real time and automatically provides an optimal sound field based on the characteristics of the content. – BASS BOOST Sound field mode with emphasis on bass sound. – STANDARD Outputs the original sound. • DRC (Dynamic Range Control) Lets you apply dynamic range control to Dolby Digital tracks. Press and hold the SOUND MODE button for more than 5 seconds while the Soundbar is powered off to turn DRC (Dynamic Range Control) on or off. With the DRC turned on, loud sound is reduced. (The sound may be distorted.) • Bluetooth Power This feature automatically turns the Soundbar on when it receives a connection request from a previously connected TV or Bluetooth device. The setting is On by default. <ul style="list-style-type: none"> – Press and hold the SOUND MODE button for more than 5 seconds to turn off the Bluetooth Power function.

12	 WOOFER WOOFER (BASS) LEVEL	 <p>Push the button up or down to adjust the level of the woofer (bass) to -12 or between -6 to +6. To set the woofer (bass) volume level to 0 (Default), press the button.</p>
13	 TONE CONTROL	<p>By pressing the button, you can adjust the volume of the treble or bass sound.</p> <ul style="list-style-type: none">Press the button to select TREBLE or BASS and then adjust the volume between -6~+6 by using the Up/Down buttons.

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

Hidden Button		Reference page
Remote Control Button	Function	
WOOFER (Up)	TV remote control On/Off (Standby)	page 14
Left	TV Connect On/Off (BT Ready)	page 21
Up	ID SET	page 11
 (Sound Control)	7 Band EQ (Press and hold 5 seconds)	page 10
	Reset (Press and hold 10 seconds)	page 31
SOUND MODE	DRC ON/OFF (Standby)	page 11
	Bluetooth Power	page 11

Output specifications for the different sound effect modes

Effect		Input	Output	
			Without Wireless Rear Speaker Kit	With Wireless Rear Speaker Kit
 SOUND MODE	SURROUND SOUND	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	GAME	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	ADAPTIVE	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	BASS BOOST	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	STANDARD	2.0 ch	2.1 ch	2.1 ch
		5.1 ch	2.1 ch	2.1 ch

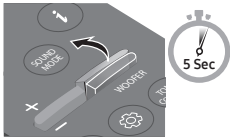
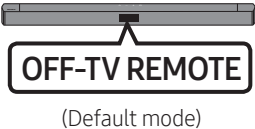
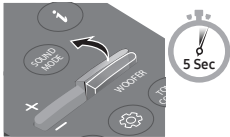

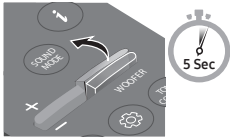

- The Samsung Wireless Rear Speaker Kit can be purchased separately. To purchase a Kit, contact the vendor you purchased the Soundbar from.

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:
Samsung, VIZIO, LG, Sony, Sharp, PHILIPS, PANASONIC, TOSHIBA, Hisense, RCA

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

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

04 CONNECTING THE SOUNDBAR

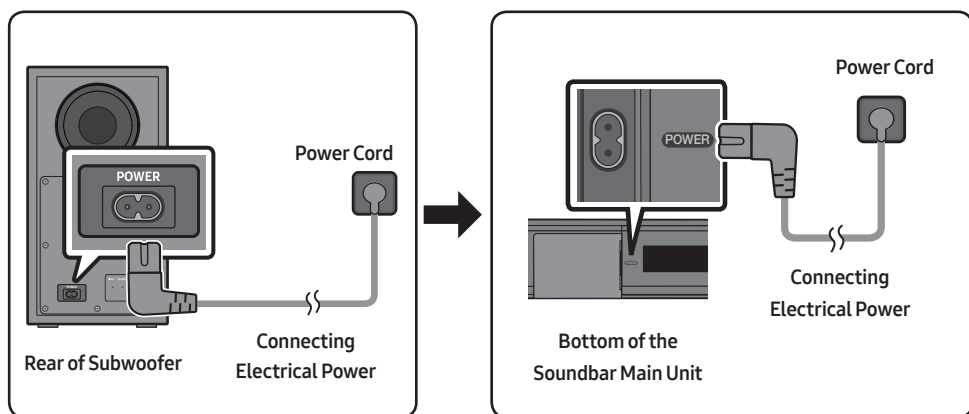
Connecting Electrical Power

Use the power components to connect the Subwoofer and Soundbar to an electrical outlet in the following order:

1. Connect the power cord to the Subwoofer.
2. Connect the power cord to the Soundbar.

See the illustrations below.

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



Connecting the Soundbar to the Subwoofer

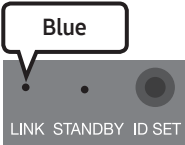
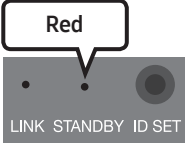
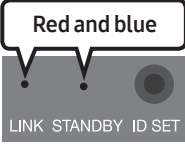
When the subwoofer is connected, you can enjoy rich bass sound.

Automatic connection between the Subwoofer and the Soundbar

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

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

LED Indicator Lights on the Rear of Subwoofer

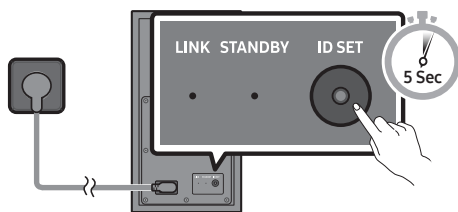
LED	Status	Description	Resolution
	On	Successfully connected (normal operation)	-
	Blinking	Recovering the connection	Check if the power cable attached to the main Soundbar unit is connected properly or wait about 5 minutes. If blinking persists, try manually connecting the subwoofer. See page 17.
	On	Standby (with the Soundbar main unit turned off)	Check if the power cable attached to the main Soundbar unit is connected properly.
		Connection failed	Connect again. See the instructions for manual connection on page 17.
	Blinking	Malfunction	See the contact information for the Samsung Service Centre in this manual.

Manually connecting the Subwoofer if automatic connection fails

Before performing the manual connection procedure below:

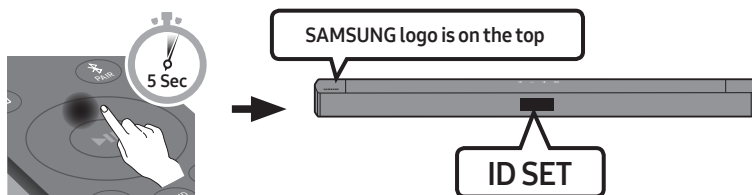
- Check whether the power cables for the Soundbar and subwoofer are connected properly.
- Make sure that the Soundbar is turned on.

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

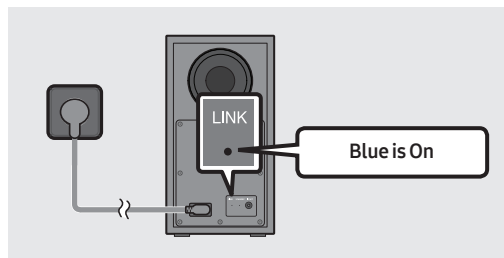


Rear of Subwoofer

2. Press and hold the **Up** button on the remote control for at least 5 seconds.
 - The **ID SET** message appears on the display of the Soundbar for a moment, and then it disappears.
 - The Soundbar will automatically power on when **ID SET** is complete.



3. Check if the LINK LED is solid blue (connection complete).



The LINK LED indicator stops blinking and glows a solid blue when a connection is established between the Soundbar and the Wireless Subwoofer.

NOTES

- Do not connect the power cord of this product or your TV to a wall outlet until all connections between components are complete.
- Before moving or installing this product, be sure to turn off the power and disconnect the power cord.
- If the main unit is powered off, the wireless subwoofer will go into stand-by mode and the STANDBY LED on the rear of the sub-woofer will turn red after blinking blue several times.
- If you use a device that uses the same frequency (5.8GHz) as the Soundbar near the Soundbar, interference may cause some sound interruption.
- The maximum transmission distance of the main unit's wireless signal is about 10 m, but may vary depending on your operating environment. If a steel-concrete or metallic wall is between the main unit and the wireless subwoofer, the system may not operate at all because the wireless signal cannot penetrate metal.

PRECAUTIONS

- Wireless receiving antennas are built into the wireless subwoofer. Keep the unit away from water and moisture.
- For optimal listening performance, make sure that the area around the wireless subwoofer and the Wireless Receiver Module (sold separately) is clear of any obstructions.

Connecting the Samsung Wireless Rear Kit to your Soundbar

Expand to true wireless surround sound by connecting the Samsung Wireless Rear Speaker Kit (SWA-9100S or SWA-9200S sold separately) to your Soundbar.

For detailed information on connections, see the Samsung Wireless Rear Speaker Kit manual.

05 USING A WIRED CONNECTION TO THE TV

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

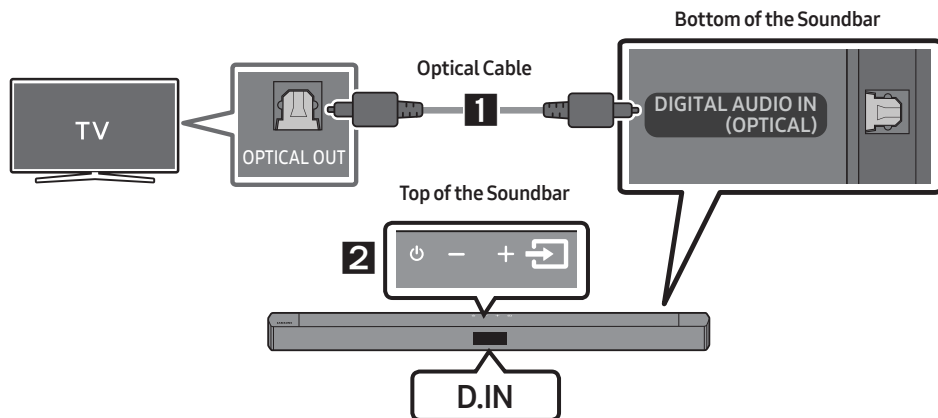
- When the Soundbar is connected to selected Samsung TVs, the Soundbar can be controlled using the TV's remote control.
 - This feature is supported by 2017 and later Samsung Smart TVs that support Bluetooth when you connect the Soundbar to the TV using an optical cable.
 - This function also allows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


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 you use an optical cable and the terminals have covers, be sure to remove the covers.



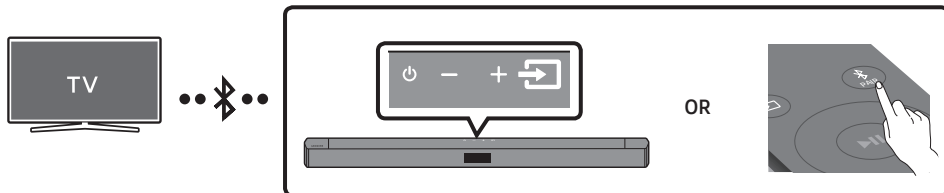
1. Connect the **DIGITAL AUDIO IN (OPTICAL)** port on the Soundbar to the OPTICAL OUT port of the TV with a digital optical cable.
2. Press the  (**Source**) button on the top panel or remote control, and then select the "**D.IN**" mode.

06 USING A WIRELESS CONNECTION TO THE TV

Connecting a TV via Bluetooth

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

- Only one TV can be connected at a time.



The initial connection

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

(OR) a. Press the **Source** button on the top 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 top panel of the Soundbar for more than 5 seconds to display **"BT PAIRING"**.

2. Select Bluetooth mode on the TV. (For more information, see the TV's manual.)

3. Select **"[AV] Samsung Soundbar B4-Series"** or **"[AV]Soundbar B4-Series"** from the list on TV's screen.

An available Soundbar is indicated with **"Need Pairing"** or **"Paired"** on the TV's Bluetooth device list. To connect the TV to the Soundbar, select the message, and then establish a connection.

- When the TV is connected, **[TV Name] → "BT"** appears on the Soundbar's front display.

4. You can now hear TV sound from the Soundbar.

If the Soundbar is not found by the TV

- Connect the TV and Soundbar with an optical cable, and select the **"D.IN"** mode by pressing **Source** button on the top of the Soundbar. See if the audio output works normally, and proceed with the step 2 and 3.

If the device fails to connect

- If a previously connected Soundbar listing (e.g. “[AV] Samsung Soundbar B4-Series” or “[AV] Soundbar B4-Series”) appears in the list, delete it.
- Then repeat steps 1 through 3.

NOTE



- After you have connected the Soundbar to your TV the first time, use the “**BT READY**” mode to reconnect.

Disconnecting the Soundbar from the TV

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

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

What is the difference between BT READY and BT PAIRING?

- **BT READY** : In this mode, you can search for previously connected TVs or connect a previously connected mobile device to 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  (**Source**) button on the top of the Soundbar for more than 5 seconds while the Soundbar is in “**BT**” mode.)

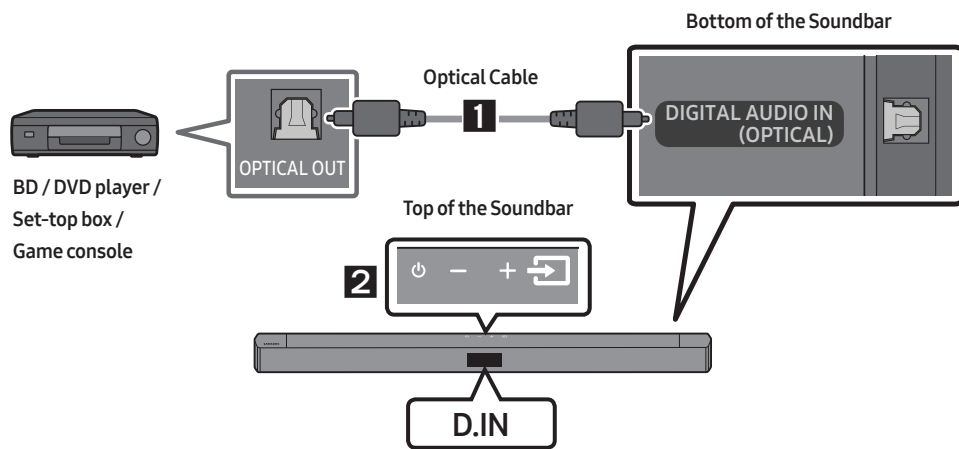
NOTES


- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Soundbar and the Bluetooth device exceeds 10 m.
- 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.

07 CONNECTING AN EXTERNAL DEVICE

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

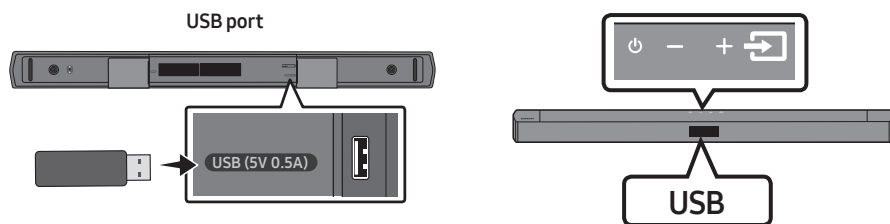
Connecting using an Optical Cable




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

08 CONNECTING A USB STORAGE DEVICE

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



1. Connect the USB device to the USB port on the bottom of the product.
2. Press the  (**Source**) button on the top panel or on the remote control, and then select “USB”.
3. “USB” appears in the display screen.
4. Play music files from the USB storage device through the Soundbar.
 - The Soundbar automatically turns off (Auto Power Down) if no USB device has been connected for more than 18 minutes.

File Format Type Compatibility list

Extension	Codec	Sampling Rate	Bit Rate
*.mp3	MPEG 1 Layer2	32kHz ~ 48kHz	32kbps~320kbps
	MPEG 1 Layer3	32kHz ~ 48kHz	32kbps~320kbps
	MPEG 2 Layer3	16kHz ~ 24kHz	8kbps~160kbps
	MPEG 2.5 Layer3	8kHz ~ 12kHz	8kbps~160kbps
*.wma	WMA7/8/9/STD	8kHz ~ 48kHz	32kbps~320kbps
*.aac	AAC	8kHz ~ 96kHz	< 1728kbps
	AAC-LC		
	HE-AAC		
*.ogg	Vorbis codec	(8, 16, 22.05, 32, 44.1, 48)kHz	unsupport ogg: 1. block size 0 < 256, block size 0 > 1024 2. block size 1 < 512, block size 1 > 4096 3. codebook counter > 64 4. codebook entry > 640 5. floor counter > 2 6. floor type 0 7. residua counter > 2 8. dimension != 2 9. mapping counter > 2 10. mode counter > 2 11. residue type != channel number
*.flac	-	8kHz ~ 192kHz	< 5Mbps
*.wav	PCM/LPCM/IMA_ ADPCM/MPEG/MULAW	8kHz ~ 192kHz	< 5Mbps
*.AIFF	Compression type: alwa, ulaw, sowt	(8, 16, 22.05, 32, 44.1, 48, 96, 192)kHz ≤ 2 channels	< 5Mbps

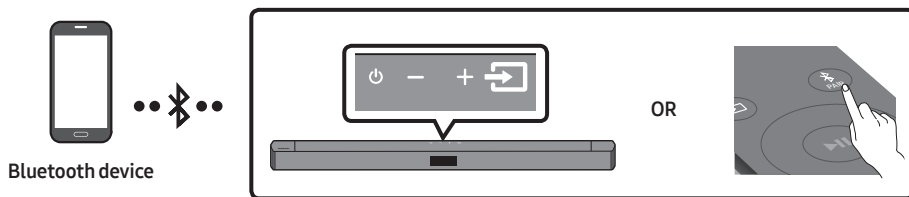
- If there are too many folders (about 256) and files (about 999) stored on the USB device, it may take the Soundbar some time to access and play files.

09 CONNECTING A MOBILE DEVICE

Connecting via Bluetooth

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

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



The initial connection

1. Press the **PAIR** button on the remote control to enter the **"BT PAIRING"** mode.
(OR) a. Press the **Source** button on the top 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 top panel of the Soundbar for more than 5 seconds to display **"BT PAIRING"**.
2. On your device, select **"[AV] Samsung Soundbar B4-Series"** or **"[AV]Soundbar B4-Series"** from the list that appears.
 - When the Soundbar is connected to the Bluetooth device, **[Bluetooth Device Name] → "BT"** appears in the front display.
3. Play music files from the device connected via Bluetooth through the Soundbar.



If the device fails to connect

- If a previously connected Soundbar listing (e.g. **"[AV] Samsung Soundbar B4-Series"** or **"[AV] Soundbar B4-Series"**) appears in the list, delete it.
- Then repeat steps 1 and 2.

NOTE

- After you have connected the Soundbar to your mobile device the first time, use the **"BT READY"** mode to reconnect.

What is the difference between BT READY and BT PAIRING?

- **BT READY** : In this mode, you can search for previously connected TVs or connect a previously connected mobile device to 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  (**Source**) button on the top of the Soundbar for more than 5 seconds while the Soundbar is in "BT" mode.)

NOTES

- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Soundbar and the Bluetooth device exceeds 10 m.
- 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.
- Once you have paired the Soundbar to a Bluetooth device, selecting "[AV] Samsung Soundbar B4-Series" or "[AV]Soundbar B4-Series" from the device's scanned devices list will automatically change the Soundbar to "BT" mode.
 - Available only if the Soundbar is listed among the Bluetooth device's paired devices.
(The Bluetooth device and the Soundbar must have been previously paired at least once.)
- The Soundbar will appear in the Bluetooth device's searched devices list only when the Soundbar is displaying "BT READY".
- The Soundbar cannot be paired to another Bluetooth device if already in Bluetooth mode and paired to a Bluetooth device.

Bluetooth Power On (SOUND MODE)

If a previously paired Bluetooth device tries to pair with the Soundbar when the Bluetooth Power On function is on and the Soundbar is turned off, the Soundbar turns on automatically.


1. Press and hold the **SOUND MODE** button for more than 5 seconds on the remote while the Soundbar is turned on.
2. "ON-BLUETOOTH POWER" appears on the Soundbar's display.

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 top 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.

NOTES

- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Soundbar and the Bluetooth device exceeds 10 m.
- The Soundbar automatically turns off after 18 minutes in the Ready state.

More About Bluetooth

Bluetooth is a technology that enables Bluetooth-compliant devices to interconnect easily with each other using a short wireless connection.

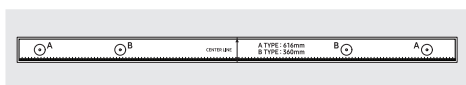
- A Bluetooth device may cause noise or malfunction, depending on usage, if:
 - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the Soundbar.
 - It is subject to electrical variation from obstructions caused by a wall, corner, or office partition.
 - It is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- Pair the Soundbar with the Bluetooth device while they are close together.
- The further the distance between the Soundbar and Bluetooth device, the worse the quality is. If the distance exceeds the Bluetooth operational range, the connection is lost.
- In poor reception areas, the Bluetooth connection may not work properly.
- The Bluetooth connection only works when it is close to the unit. The connection will be automatically cut off if the Bluetooth device is out of range. Even within range, the sound quality may be degraded by obstacles such as walls or doors.
- This wireless device may cause electric interference during its operation.

10 INSTALLING THE WALL MOUNT

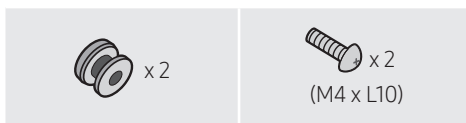
Installation Precautions

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

Wallmount Components



Wall Mount Guide



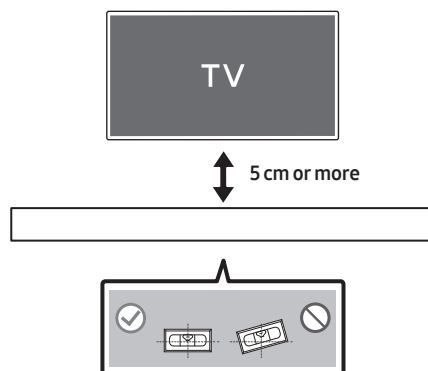
Holder-Screw

Screw



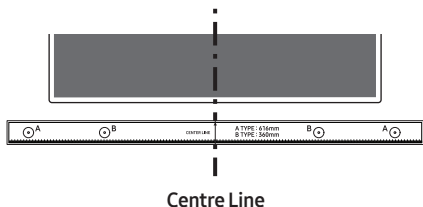
Bracket-Wall Mount

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

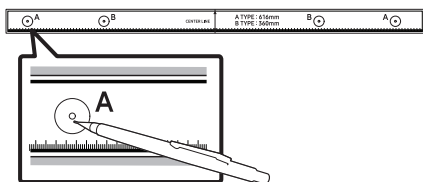


- Align the **Wall Mount Guide's Centre Line** with the centre of your TV (if you are mounting the Soundbar below your TV), and then fix the **Wall Mount Guide** to the wall using tape.

- If you are not mounting below a TV, place the **Centre Line** in the centre of the installation area.

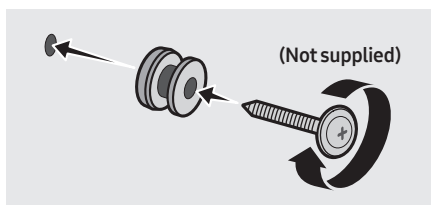


- Push a pen tip or sharpened pencil tip through the centre of the **A-TYPE** images on each end of the Guide to mark the holes for the supporting screws, and then remove the **Wall Mount Guide**.

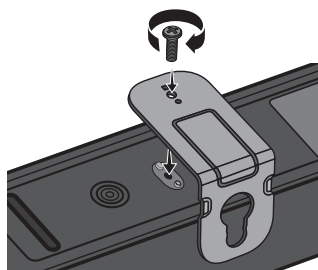


- Using an appropriately sized drill bit, drill a hole in the wall at each marking.
 - If the markings do not correspond to the positions of studs, make sure you insert appropriate anchors into the holes before you insert the support screws. If you use anchors, make sure the holes you drill are large enough for the anchors you use.

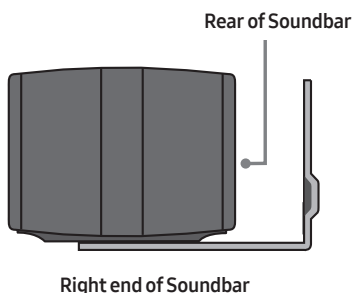
- Push a screw (not supplied) through each **Holder-Screw**, and then screw each screw firmly into a support screw hole.



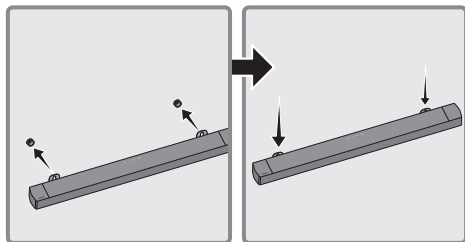
- Install the 2 **Bracket-Wall Mounts** in the correct orientation on the bottom of the Soundbar using 2 **Screws**.



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

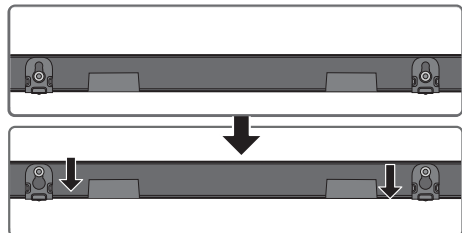


7. Install the Soundbar with the attached **Bracket-Wall Mounts** by hanging the **Bracket-Wall Mounts** on the **Holder-Screws** on the wall.



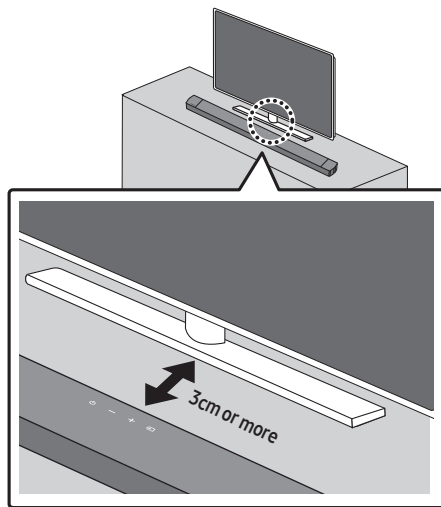
8. Slide the Soundbar down as shown below so that the **Bracket-Wall Mounts** rest securely on the **Holder-Screws**.

- Insert the **Holder-Screws** into the wide (bottom) part of the **Bracket-Wall Mounts**, and then slide the **Bracket-Wall Mounts** down so that the **Bracket-Wall Mounts** rest securely on the **Holder-Screws**.



11 PLACING THE SOUNDBAR ON A TV STAND

Place the Soundbar on a TV stand.



As illustrated in the image, align the centre of the Soundbar with the centre of the TV, carefully place the Soundbar onto the TV stand.

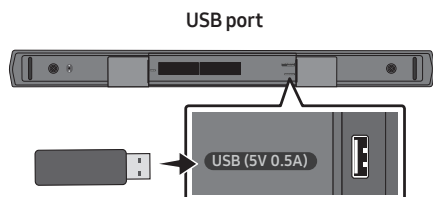
For optimal sound quality, position the Soundbar at least 3cm away from the TV front.

NOTE

- Make sure the Soundbar is placed on a flat and solid surface.

12 SOFTWARE UPDATE

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



If an update is offered, you can update the firmware by connecting a USB device with the firmware update stored on it to the USB port on your Soundbar. For more information about how to download update files, go to the Samsung Electronics website at www.samsung.com → Support. Then, select the product type or enter the model number of your Soundbar, select the Software & Apps option, and then Downloads. Note that the option names can vary.

Update Procedure

Important: The update function erases all user settings. We recommend you write down your settings so that you can easily reset them after the update. Note that updating the firmware resets the subwoofer connection too.

1. Connect a USB thumb drive to the USB port on your computer.
Important: Make sure there are no music files on the USB thumb drive. This may cause the firmware update to fail.
2. Go to (samsung.com) → select Enter Model Number and enter the model of your Soundbar. Select manuals and downloads and download the latest software file.
3. Save the downloaded software to a USB stick and select “Extract Here” to unzip the folder.
4. Turn off the Soundbar and connect the USB stick containing the software update to the USB port.
5. Turn on the Soundbar and change the source to “USB” mode. Within 3 minutes, “UPDATE” is displayed and the update begins.
6. When the update is complete, the Soundbar turns off. Turn on the Soundbar and then press the — + (Volume) button on the top panel for 5 seconds. “INIT OK” appears on the display and the Soundbar is reset.
 - This product has a DUAL BOOT function. If the firmware fails to update, you can update the firmware again. Soundbar AC code on when USB in with update file. Then update again but VFD no show anything. It will update finish after 2min.
7. Restore your settings on the Soundbar.

If UPDATE is not displayed

1. Turn off the Soundbar, disconnect and then reconnect the USB storage device that contains the update files to the Soundbar's USB port.
2. Disconnect the Soundbar's power cord, reconnect it, and then turn on the Soundbar.

NOTES

- The firmware update may not work properly if audio files supported by the Soundbar are stored in the USB storage device.
- Do not disconnect the power or remove the USB device while updates are being applied.
- After the update is completed, the user setup in the Soundbar is initialised so you can reset your settings. We recommend you write down your settings so that you can easily reset them after the update. Note that updating firmware resets the subwoofer connection too.

If the connection to the subwoofer is not re-established automatically after the update, refer to page 16.

If the software update fails, check if the USB stick is defective.

- Mac OS users should use MS-DOS (FAT) as the USB format.
- Updating via USB may not be available, depending on the USB storage device manufacturer.

13 TROUBLESHOOTING

Before seeking assistance, check the following.

Soundbar does not turn on.

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

Soundbar works erratically.

- After removing the power cord, insert it again.
- Power cycle 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 7.)

If the remote control does not work.

- Point the remote directly at the Soundbar.
- Replace the batteries with new ones.

Soundbar does not output any sound.

- 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 (🏠) → Menu → Settings (⚙️) → All 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.
- Reset the product and try again. (See page 31.)


Subwoofer does not output any sound.

- Check whether the LED indicator on the rear of the Subwoofer is on in blue. Reconnect the Soundbar and Subwoofer if the indicator is blinking slowly in blue or turned red. (See page 17.)
- You may experience an issue if there is an obstacle between the Soundbar and Subwoofer. Move devices to an area away from obstacles.
- Other devices sending radio frequency signals in proximity may interrupt the connection. Keep your speaker away from such devices.
- Remove and reconnect the power plug.






The Subwoofer volume is too low.

- The original volume of the content you are playing may be low. Try adjusting the Subwoofer level. (See page 12.)
- Bring the Subwoofer speaker closer to you.

Soundbar does not appear on the Bluetooth device list of the TV.

- Disconnect the power cord of the Soundbar completely and reconnect, and then try searching again. (See page 20.)
- Connect the TV and Soundbar with an optical cable, and select the "D.IN" mode by pressing the  (Source) button on the top of the Soundbar. See if the audio output works normally, and try searching again. (See page 20.)

Soundbar does not connect via Bluetooth.

- 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 () → Menu → Settings () → All Settings () → Sound → Sound Output → Bluetooth Speaker List)
- Remove and reconnect the power plug, then try again.
- Reset the product and try again. (See page 31.)

Sound drops out when connected via Bluetooth.

- Some devices can cause radio interference if they are located too close to the Soundbar. e. g. microwaves, wireless routers, etc.
- If your device that is connected via Bluetooth moves too far away from the Soundbar, it may cause the sound to drop out. Move the device closer to the Soundbar.
- If a part of your body is in contact with the Bluetooth transceiver or the product is installed on metal furniture, sound may drop out. Check the installation environment and conditions for use.

Soundbar does not turn on automatically with the TV.

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

14 LICENCE



Dolby, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright 1992-2019 Dolby Laboratories. All rights reserved.



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[ENERGY STAR]

ENERGY STAR qualified model only

- Your Samsung product is ENERGY STAR qualified in its factory default setting. Change to certain features, settings and functionality in this product can change the power consumption, possibly beyond the limits required for ENERGY STAR qualification.
- Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of the Government agencies, designed to promote energy efficient products and practices.

Refer to www.energystar.gov for more information of the ENERGY STAR Program.

ENERGY STAR qualified model only

(Applicable to Thin Client models only)

As an ENERGY STAR® Partner, SAMSUNG has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

- The ENERGY STAR Program has been to reduced greenhouse gas emissions and save energy through voluntary labeling.
- Power management setting of this product have been enabled by default, and have various timing setting from 1 minutes to 5 hours.
- The product can wake with a button press on the chassis from sleep mode.

ENERGY STAR qualified model only (The other models)

- As an ENERGY STAR Partner, Samsung has determined that this product or product models meets the ENERGY STAR guideline for energy efficiency.
-

15 OPEN SOURCE LICENCE NOTICE

To send inquiries and requests for questions regarding open sources, contact Samsung Open Source (<http://opensource.samsung.com>)

16 IMPORTANT NOTES ABOUT SERVICE

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

17 SPECIFICATIONS AND GUIDE

Specifications

Model Name	HW-B450
USB	5V/0.5A
Weight	1.4 kg
Dimensions (W x H x D)	858.8 x 59.0 x 75.0 mm
Operating Temperature Range	+5°C to +35°C
Operating Humidity Range	10 % ~ 75 %
AMPLIFIER Rated Output power	40W x 2, 6 ohm
Supported play formats (DTS 2.0 sound is played in DTS format.)	LPCM 2ch, Dolby Audio™ (supporting Dolby® Digital), DTS

Subwoofer Name	PS-WB45T
Weight	4.5 kg
Dimensions (W x H x D)	184.0 x 343.0 x 295.0 mm
AMPLIFIER Rated Output power	220W


NOTES

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

安全資訊

安全警告

為防止電擊，請勿拆卸蓋板 (或背板)。
本機內部無使用者可以自行維修的零件。如需維修，請由專門的服務人員進行維修。
參閱下表，以取得三星產品上標誌的詮釋。

	<div>注意</div> <div>為防止電擊，請勿打開。</div>	
	此符號表示內有高電壓。以任何方式與本產品內部之任何部件接觸均可導致危險。	
	此符號表示本產品隨附關於操作與維護的重要說明文件。	
	II 類產品：此符號表示不需要連接接地。 如此標誌沒有在帶有電源線的產品上出現，則產品必須正確連接保護地線。	
	AC 電壓：此符號表示額定電壓的標記為 AC 電壓。	
	DC 電壓：此符號表示額定電壓的標記為 DC 電壓。	
	注意，使用時需參照說明指示：此符號指示用戶查閱使用者手冊以取得進一步的安全相關資訊。	

警告

- 請勿將本機暴露在雨中或潮濕場所，以免火災或電擊。

注意

- 為防止電擊，請將寬片插頭完全插入匹配的寬插槽。
- 本設備應始終連接到帶有保護地線連接的交流電插座。
- 設備與電源斷開連接時，必須將插頭從電源插座上拔出，因此電源插頭應隨時保持便於操作。
- 請勿將水滴落或噴灑在設備上，不得在設備上放置裝有液體的物品，如花瓶。
- 要完全關閉本設備，須將電源插頭從牆上電源插座拔出。因此，電源插頭應隨時保持便於操作。

注意事項

1. 確定您屋內的交流電源供應符合產品底部識別標籤上列出的電源要求。請將產品安裝在水平、適當的基座 (家具) 上，並在周邊留下足夠的通風空間 7~10 公分。確保通風孔未被堵塞。請勿將本設備放在放大器或其他會發熱的設備上。本設備可供連續使用。要完全斷開設備的電源連接，請從牆上電源插座上拔掉交流電插頭。如果長時間不使用設備，請拔下其電源插頭。
2. 在雷雨天氣時，請從牆上電源插座拔下交流電插頭。閃電造成的電壓峰值會損壞本設備。
3. 請勿將本設備直接在陽光下暴曬或暴露於其他熱源下。這可能導致本設備過熱而發生故障。
4. 本產品應避免接觸潮濕 (如花瓶) 以及過熱 (如壁爐) 或者會產生強磁或電場的設備。如果設備發生故障，請從交流電源拔下電源線。本產品並非供工業使用，而是僅供個人使用。如果本產品存放在低溫環境中，則可能會出現冷凝現象。如果在冬天將本設備運送到室內，則需要等待大約 2 小時的時間，以便本機在使用前達到室內溫度。

5. 本產品使用的電池含有對環境有害的化學物質。請勿將電池作為普通生活垃圾棄置。請勿將電池置於火中。請勿使電池短路，分解或過熱。

注意：如果沒有正確替換電池，可能會導致危險。僅可使用同樣或相同類別的電池替換。

目錄

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01 查看元件



Soundbar 主設備



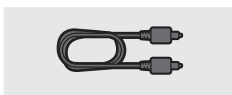
低音炮



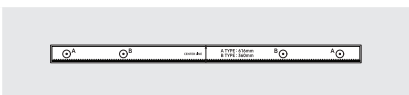
遙控器/電池



電源線
(低音炮, Soundbar)



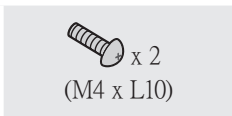
光纖線



牆壁安裝托架指示圖



螺絲固定器



螺絲

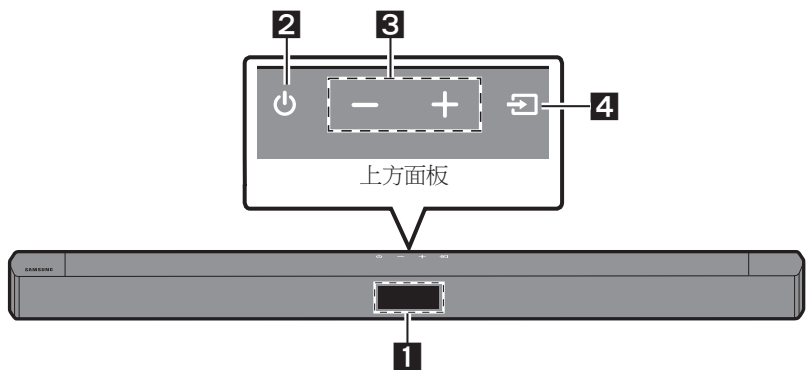


牆壁安裝托架

- 如需更多有關電源供應和耗電資料，請參閱產品貼附標籤。
(標籤：Soundbar 主設備底部)
- 如欲購買其他元件或連接線，請聯絡 Samsung 服務中心或 Samsung 客戶服務中心。
- 配件的外觀與上圖可能有些不同。
- 設計和規格畫面可能會隨時變更，恕不另行通知。

02 產品概覽

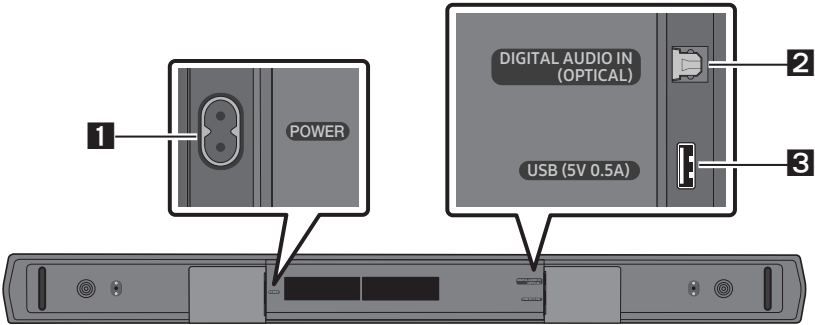
Soundbar 的前方面板/上方面板



1	顯示螢幕 顯示產品狀態和目前模式。								
2	⏻ (電源) 按鈕 開啟或關閉電源。 <ul style="list-style-type: none">• Auto Power Down 功能 裝置會在以下情況下自動關閉。<ul style="list-style-type: none">- D.IN / BT / USB 模式: 若 18 分鐘沒有音訊。								
3	— + (音量) 按鈕 調整音量。 <ul style="list-style-type: none">• 調整時, 音量會在 Soundbar 的前方顯示螢幕上出現。								
4	↗ (來源) 按鈕 選擇來源輸入模式。 <table><tr><th>輸入模式</th><th>顯示螢幕</th></tr><tr><td>光纖數位輸入</td><td>D.IN</td></tr><tr><td>BLUETOOTH 模式</td><td>BT</td></tr><tr><td>USB 模式</td><td>USB</td></tr></table> <ul style="list-style-type: none">• 如要開啟「BT PAIRING」模式, 將來源變更為「BT」模式, 然後按住 ↗ (來源) 按鈕超過 5 秒。	輸入模式	顯示螢幕	光纖數位輸入	D.IN	BLUETOOTH 模式	BT	USB 模式	USB
輸入模式	顯示螢幕								
光纖數位輸入	D.IN								
BLUETOOTH 模式	BT								
USB 模式	USB								

- 插入交流電電源線時, 電源按鈕會在 4 至 6 秒後開始運作。
- 開啟本設備時, 您需要等待 4 至 5 秒才會聽到聲音。
- 如果您只想透過 Soundbar 聆聽音訊, 則必須在電視的「自動設定」選單中關閉電視揚聲器。請參閱您電視隨附的使用者手冊。

Soundbar 底部面板



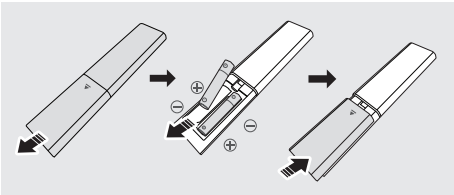
1	POWER 連接 Soundbar 的 AC 電源線。
2	DIGITAL AUDIO IN (OPTICAL) 連接至外部裝置的數位 (光纖) 輸出。
3	USB (5V 0.5A) 在此連接 USB 裝置以透過 Soundbar 播放 USB 裝置上的音樂檔案。

- 如要從牆上插座拔除電源線，請拔除插頭。不要拉扯電源線。
- 元件之間完成所有連接之前，不要將本設備或其他元件連接至交流電插座。

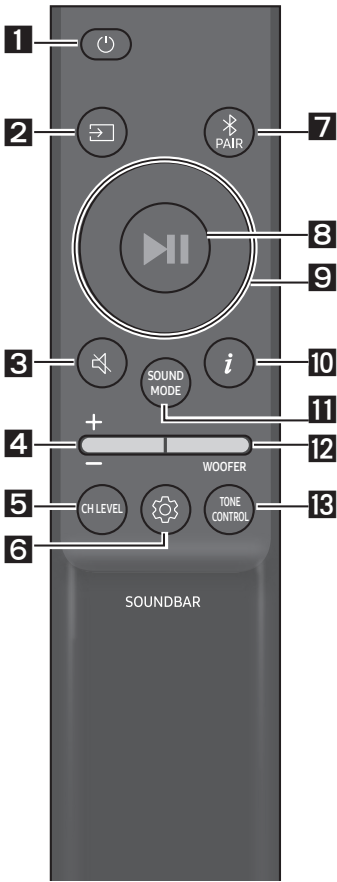
03 使用遙控器

使用遙控器前插入電池 (2 粒 AAA 電池)

向箭頭方向滑動背蓋，直至將其完全移除。以正確電極方向插入 2 粒 AAA 電池 (1.5V)。
將背蓋滑動回原位。



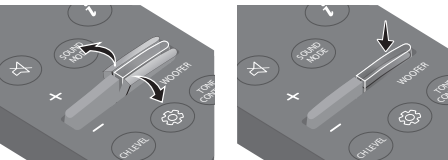

使用遙控器的方法




1	 電源	開啟和關閉 Soundbar。
2	 來源	按下以選擇連接至 Soundbar 的來源。
3	 靜音	按下  (靜音) 按鈕即可設為靜音。 再次按下按鈕即可取消靜音。
4	 音量	<div></div> <p>將按鈕向上或向下推，以調整音量。</p> <ul style="list-style-type: none">靜音 按下 音量 按鈕以設定為靜音。再次按下按鈕以取消靜音。

5	 CH LEVEL	<p>按下按鈕，即可調較各揚聲器的音量。</p> <ul style="list-style-type: none"> • 按下按鈕以選擇 VIRTUAL CENTER LEVEL，以及使用上/下按鈕來設定，以將的音量在 -6 至 +6 之間進行調整。 • 連接後置揚聲器 (單獨出售) 時，可支援 REAR LEVEL 設定。使用上/下按鈕來設定，以將的 REAR LEVEL 的音量在 -6 至 +6 之間進行調整。
6	 聲音控制	<p>按下按鈕，即可設定音訊功能。 可使用上/下鈕調整所需的設定。</p> <p>AUDIO SYNC → VOICE ENHANCE ON/OFF → NIGHT MODE ON/OFF</p> <ul style="list-style-type: none"> - AUDIO SYNC 如果電視影片和 Soundbar 音訊並非同步，按下  (聲音控制) 按鈕來選擇 AUDIO SYNC，然後使用上/下按鈕將音訊延遲設定為 0~300 毫秒之間。(不適用於「USB」或「BT」模式。) - VOICE ENHANCE ON/OFF 此模式讓您更可輕鬆地聽到電影和電視播放的語音對話。 - NIGHT MODE ON/OFF 此模式針對夜間觀看作出最佳化，已調整設定以降低音量，同時保持對話清晰。 • VOICE ENHANCE、NIGHT MODE 功能可透過上/下鈕來 ON/OFF。 • 按住  (聲音控制) 按鈕 5 秒，為各頻段調整音效。可使用左/右按鈕選擇 150Hz、300Hz、600Hz、1.2kHz、2.5kHz、5kHz 和 10kHz，而各頻率可使用上/下按鈕在 -6 至 +6 之間進行設定。 (請確保聲音模式已設置為「STANDARD」。)
7	 Bluetooth PAIR	<p>按下  PAIR 按鈕。「BT PAIRING」會在 Soundbar 的螢幕上顯示。</p> <p>您可以在這個模式下從藍牙裝置的搜尋清單選擇 Soundbar，以將 Soundbar 連接至新藍牙裝置。</p>
8	 播放/暫停	<p>按下 ▶ 按鈕即可暫停音樂檔案。</p> <p>若您再次按下按鈕，音樂檔案便會播放。</p>

<p>9</p>	 <p>上/下/左/右</p>	 <p>按下指示區域以選擇上/下/左/右。</p> <p>在按鈕上按下上/下/左/右以選擇或設定功能。</p> <ul style="list-style-type: none"> • 重覆 如要在「USB」模式下使用重覆功能，按下上按鈕。 • 音樂跳播 按下右按鈕以選擇下一個音樂檔案。按下向左按鈕以選擇上一個音樂檔案。 • ID SET 按住上按鈕 5 秒，以完成 ID SET (連接無線有源重低音箱或無線後置揚聲器的時候。)
<p>10</p>	 <p>資料</p>	<p>按下按鈕，即可顯示現有功能的資訊。(請參閱第 7 頁)。</p>
<p>11</p>	 <p>SOUND MODE</p>	<p>按下按鈕，即可選擇所需的聲音模式。</p> <p>SURROUND SOUND → GAME → ADAPTIVE → BASS BOOST → STANDARD</p> <ul style="list-style-type: none"> - SURROUND SOUND 提供比標準更寬闊的音場。 - GAME 提供立體聲，讓您在玩遊戲時盡情投入。 - ADAPTIVE 即時分析內容，並自動根據內容特性提供最佳音場。 - BASS BOOST 聲場模式強調低音。 - STANDARD 輸出原始聲音。 • DRC (Dynamic Range Control) 讓您將動態範圍控制套用至 Dolby Digital 歌曲。Soundbar 關閉時，按住 SOUND MODE 按鈕 5 秒，即可開啟或關閉 DRC (動態範播控制)。開啟 DRC 後，音量會降低。(聲音可能會失真。) • Bluetooth Power 此功能可在收到先前已連接的電視或藍牙裝置的連接要求時自動開啟 Soundbar。設定預設為開啟。 <ul style="list-style-type: none"> - 按住 SOUND MODE 按鈕超過 5 秒，以關閉 Bluetooth Power 功能。

12	 <p>WOOFER</p> <p>WOOFER (BASS) 水平</p>	 <p>將按鈕向上或向下推，以調整 -12 或 -6 至 +6 的低音炮 (低音) 水平。如要將低音炮 (低音) 音量設為 0 (預設)，按下按鈕。</p>
13	 <p>TONE CONTROL</p>	<p>按下按鈕，即可調較高音或低音的音量。</p> <ul style="list-style-type: none"> 按下按鈕以選擇 TREBLE 或 BASS，以及使用上/下按鈕來設定，以將的音量在 -6 至 +6 之間進行調整。

使用隱藏按鈕 (具有多個功能的按鈕)

隱藏按鈕		參考網頁
遙控器按鈕	功能	
WOOFER (上)	電視遙控器開/關 (備用)	第 14 頁
左	TV Connect 開啟/關閉 (藍牙準備就緒)	第 21 頁
上	ID SET	第 11 頁
 (聲音控制)	7 頻 EQ (按住 5 秒)	第 10 頁
	重設 (按住 10 秒)	第 31 頁
SOUND MODE	DRC ON/OFF (備用)	第 11 頁
	Bluetooth Power	第 11 頁

不同音效模式的輸出規格

效果		輸入	輸出	
			不包含無線後置揚聲器套件	包含無線後置揚聲器套件
 SOUND MODE	SURROUND SOUND	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	GAME	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	ADAPTIVE	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	BASS BOOST	2.0 ch	2.1 ch	4.1 ch
		5.1 ch	2.1 ch	4.1 ch
	STANDARD	2.0 ch	2.1 ch	2.1 ch
		5.1 ch	2.1 ch	2.1 ch

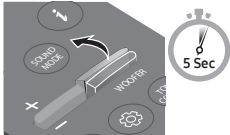

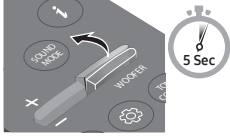

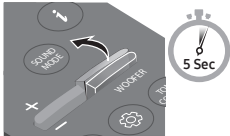

- Samsung 無線後置揚聲器套件獨立發售。如要選購套件，請聯絡您購買 Soundbar 的供應商。

使用電視遙控器調校 Soundbar 音量

使用電視遙控器調校 Soundbar 音量。

- 此功能只可以與 IR 遙控器一併使用。藍牙遙控器 (需要進行配對的遙控器) 不受支援。
- 將電視揚聲器設定至**外部揚聲器**以使用此功能。
- 支援該功能的製造商：
Samsung, VIZIO, LG, Sony, Sharp, PHILIPS, PANASONIC, TOSHIBA, Hisense, RCA

1. 關閉 Soundbar。
2. 按住 **WOOFER** 按鈕 5 秒。
每次向上推動 **WOOFER** 按鈕 5 秒時，模式會按以下次序切換：「OFF-TV REMOTE」(預設模式)、「SAMSUNG-TV REMOTE」、「ALL-TV REMOTE」。

遙控器按鈕	顯示	狀態
		停用電視遙控器。
		啟用三星電視的 IR 遙控器。
		啟用第三方電視的 IR 遙控器。

04 連接 SOUNDBAR

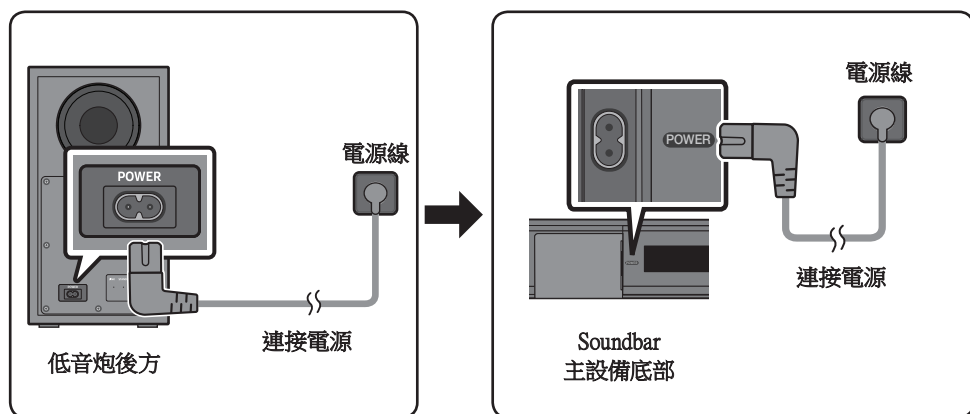
連接電源

使用電源元件將低音炮和 Soundbar 按以下次序連接至電源插座：

1. 將電源線連接至低音炮。
2. 將電源線連接至 Soundbar。

參閱下圖。

- 如需更多有關電源功率需求和耗電資料，請參閱產品標籤。
(標籤：Soundbar 主設備底部)



將 Soundbar 連接至低音炮

連接低音炮後，您可享受豐富的重低音。

自動連接低音炮和 Soundbar

將電源線連接至 Soundbar 和低音炮並開啟電源後，低音炮會自動連接至 Soundbar。

- 自動配對完成後，有源重低音音箱後方的藍色指示燈會亮起。

低音炮後方的 LED 指示燈

LED	狀態	描述	解決方法
	開	成功連接 (正常操作)	-
	閃爍	正在恢復連接	檢查電源線是否已正確連接 Soundbar 主設備，或等待約 5 分鐘。若指示燈持續閃爍，嘗試手動連接低音炮。請參閱第 17 頁。
	開	待機 (Soundbar 主設備已關閉)	檢查電源線是否已正確連接 Soundbar 主設備。
		連接失敗	重新連接。參閱第 17 頁的手動連接指示。
	閃爍	故障	參閱本手冊的 Samsung 服務中心聯絡資料。

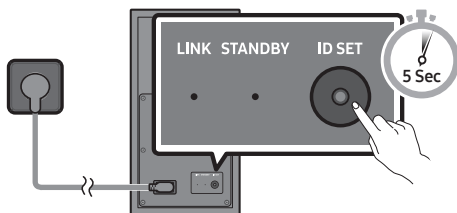
自動連接失敗時，手動連接低音炮

執行下方手動連接程序前：

- 檢查 Soundbar 和低音炮的電源線是否正確連接。
- 確定 Soundbar 已開啟。

1. 按住低音炮後方的 **ID SET** 最少 5 秒。

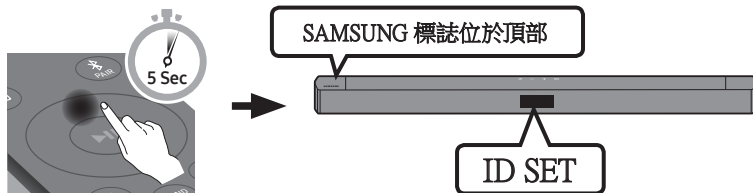
- 低音炮後方的紅色指示燈熄滅，藍色指示燈閃爍。



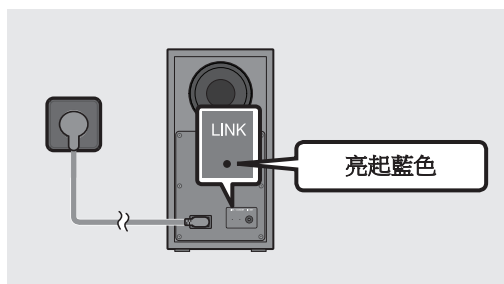
低音炮後方

2. 按住遙控器上的上按鈕最少 5 秒。

- Soundbar 顯示螢幕上將顯示 **ID SET** 訊息，然後在短時間內消失。
- **ID SET** 完成後，Soundbar 會自動開啟。



3. 檢查 **LINK LED** 亮起藍色 (連接完成)。



Soundbar 和無線低音炮連接後，**LINK LED** 指示燈停止閃爍並亮起藍色。

備註

- 元件之間完成所有連接之前，不要將本產品或電視的電源線連接至牆上的插座。
- 移動或安裝本產品時，確保關閉電源，並解除連接電源線。
- 如果主裝置的電源關閉，無線低音炮將處於待機模式，並且背後的 STANDBY LED 將會閃爍藍色數次，然後轉為紅色。
- 如果您在 Soundbar 附近使用與 Soundbar 相同頻率 (5.8GHz) 的裝置，干擾可能會導致部分聲音中斷。
- 主設備的無線訊號最大傳輸距離約為 10 米，但可能視乎您的運作環境而定。若主設備和無線低音炮之間受鋼筋混凝土或金屬牆阻隔，系統可能無法運作，因為無線訊號無法穿過金屬。

注意事項

- 無線低音炮內置無線接收天線。讓設備遠離水和濕氣。
- 如要取得最佳聆聽體驗，請確定無線低音炮附近和無線接收器模組 (獨立發售) 位置沒有任何障礙物。

將 Samsung 無線後置套件連接至 Soundbar

透過將 Samsung 無線後置揚聲器套件 (SWA-9100S 或 SWA-9200S，獨立發售) 連接至有 Soundbar，可擴大至逼真的無線環繞聲。

有關如何連接的詳細資料，請參閱 Samsung 無線後置揚聲器套件的手冊。

05 使用纜線連接至電視

透過有線和無線連接在 Soundbar 上收聽電視聲音。

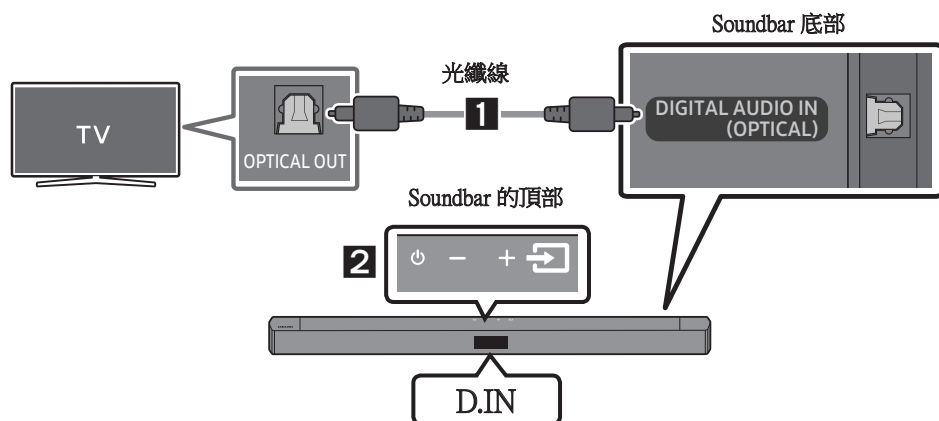
- Soundbar 連接至指定的 Samsung 電視後，您便可使用電視遙控器控制 Soundbar。
 - 2017 或以後支援藍牙的 Samsung Smart TV 支援此功能，您需使用光纖線將 Soundbar 連接至電視。
 - 此功能亦讓您使用電視選單調整音場和各種設定，以及音量和靜音。

使用光纖電纜連接

若廣播的音訊以 Dolby Digital 編碼，且電視上的「數碼輸出音訊格式」設定為 PCM，我們建議您將設定變更為 Dolby Digital。電視設定變更後，您可享受較佳的音質。(電視菜單可能使用不同文字顯示 Dolby Digital 和 PCM，視乎電視製造商而定。)

連接前的檢查清單

- 如果所採用的光纖電纜端子有蓋，請僅記移除端子口。



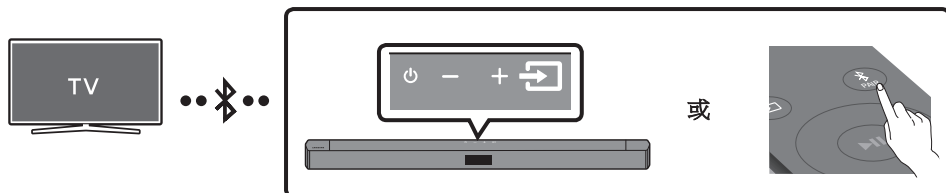
1. 使用數位光纖連接線連接 Soundbar 上的 **DIGITAL AUDIO IN (OPTICAL)** 插孔和電視的 **OPTICAL OUT** 插孔。
2. 按下上方面板或遙控器上的  (來源) 按鈕，然後選擇「D.IN」模式。

06 以無線方式連接至電視

透過 Bluetooth 連接電視

透過藍牙連接電視時，您可以欣賞立體聲，而無需因處理纜線而煩惱。

- 只可同時連接一部電視。



初始連接

1. 按下遙控器上的 **PAIR** 按鈕，以進入「BT PAIRING」模式。
(或)
 - a. 按下上方面板的 **☞ (來源)** 按鈕，然後選擇「BT」。
「BT」會在數秒內自動轉為「BT PAIRING」，若有連接記錄則會轉為「BT READY」。
 - b. 看到「BT READY」時，按住 Soundbar 上方面板上的 **☞ (來源)** 按鈕超過 5 秒，以顯示「BT PAIRING」。

2. 在電視上選擇藍牙模式。(如需瞭解詳情，請參閱電視手冊。)
3. 從電視螢幕上的清單選擇「[AV] Samsung Soundbar B4-Series」或「[AV]Soundbar B4-Series」。

可用的 Soundbar 會在電視藍牙裝置清單上顯示為「需要配對」或「已配對」。

如要連接 Soundbar，選擇訊息並建立連接。

- 電視連接後，[電視名稱] → 「BT」會在 Soundbar 前方顯示螢幕上出現。

4. 您現在可以聽到 Soundbar 播放電視聲音。

如電視沒有找到 Soundbar

- 使用光纖電纜連接電視和 Soundbar，然後按住 Soundbar 上方按鈕的 **☞ (來源)** 按鈕以選取「D.IN」模式。查看音訊輸出是否正常，然後繼續進行步驟 2 和步驟 3。


若裝置無法連接

- 如果先前連接的 Soundbar (例如「[AV] Samsung Soundbar B4-Series」或「[AV]Soundbar B4-Series」) 在清單上出現，請將它刪除。
- 然後重複第 1 至 3 步。

注意



- 首次將 Soundbar 連接至電視後，可使用「BT READY」模式重新連接。

從電視解除連接 Soundbar

按下上方面板或遙控器上的  (來源) 按鈕，然後將模式變更為「BT」以外的模式。

- 電視必須從 Soundbar 接收回應，因此解除連接過程需要時間。
(所需時間可能有所不同，視乎電視型號而定。)
- 如要取消 Soundbar 和電視之間的自動藍牙連接，在 Soundbar 處於「BT READY」狀態時，按下遙控器上的左按鈕 5 秒。(TV Connect 開啟/關閉)

BT READY 和 BT PAIRING 有什麼不同？

- **BT READY**: 在這個模式，您可以搜尋先前已連接的電視，或將先前已連接的流動裝置連接至 Soundbar。
- **BT PAIRING**: 在這個模式，您可以將新裝置連接至 Soundbar。(按下遙控器上的  PAIR 按鈕，或在 Soundbar 處於「BT」模式時按住 Soundbar 上方面板的  (來源) 按鈕超過 5 秒。)

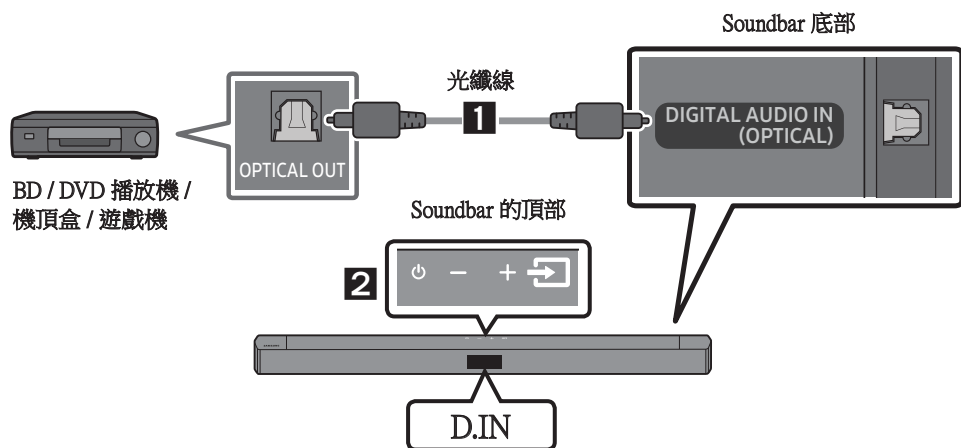
備註

- 如果系統在連接藍牙裝置時要求輸入 PIN 碼，請輸入 <0000>。
- 在藍牙連接模式下，若 Soundbar 和藍牙裝置相距超過 10 米，藍牙連接會中斷。
- 在待機狀態下，Soundbar 會在 18 分鐘後自動關閉。
- 在以下情況下，Soundbar 可能不會執行藍牙搜尋，或正確連接：
 - 若 Soundbar 附近的電場強烈。
 - 當同時有兩個或更多的藍牙裝置與 Soundbar 配對。
 - 若藍牙裝置已關閉、不存在或發生故障。
- 電子裝置可能會導致無線電干擾。發放電磁波的裝置必須與 Soundbar 主設備保持遠距離，當中包括微波爐、無線 LAN 裝置等。

07 連接外部裝置

使用連接線或藍牙連接至外部裝置，以透過 Soundbar 播放外部裝置的聲音。

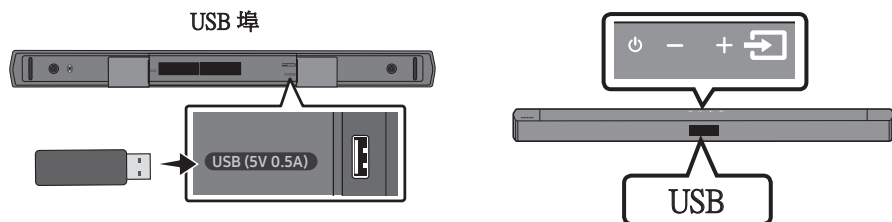
使用光纖線連接




1. 使用數位光纖連接線連接主設備上的 **DIGITAL AUDIO IN (OPTICAL)** 和外部裝置的 **OPTICAL OUT** 插孔。
2. 按下上方面板或遙控器上的  (來源) 按鈕，以選擇「D.IN」模式。

08 連接 USB 儲存裝置

您可以透過 Soundbar 播放位於 USB 儲存裝置上的音樂檔案。



1. 經由產品底部的 USB 插口連接 USB 裝置。
2. 按下上方面板或遙控器上的  (來源) 按鈕，然後選擇「USB」。
3. 「USB」會顯示在螢幕上。
4. 透過 Soundbar 播放 USB 儲存裝置上的音樂檔案。
 - 若沒有 USB 裝置連接超過 18 分鐘，Soundbar 會自動關閉 (Auto Power Down)。

兼容的檔案格式類型清單

延長線	編碼	取樣率	位元率
*.mp3	MPEG 1 Layer2	32kHz ~ 48kHz	32kbps ~ 320kbps
	MPEG 1 Layer3	32kHz ~ 48kHz	32kbps ~ 320kbps
	MPEG 2 Layer3	16kHz ~ 24kHz	8kbps ~ 160kbps
	MPEG 2.5 Layer3	8kHz ~ 12kHz	8kbps ~ 160kbps
*.wma	WMA7/8/9/STD	8kHz ~ 48kHz	32kbps ~ 320kbps
*.aac	AAC	8kHz ~ 96kHz	< 1728kbps
	AAC-LC		
	HE-AAC		
*.ogg	Vorbis 轉碼器	(8, 16, 22.05, 32, 44.1, 48)kHz	不支援 Ogg: 1. 區塊大小 0 < 256 , 區塊大小 0 > 1024 2. 區塊大小 1 < 512 , 區塊大小 1 > 4096 3. 編碼簿數目 > 64 4. 編碼簿條目 > 640 5. 基礎數目 > 2 6. 基礎類型 0 7. 冗餘數目 > 2 8. 維度 != 2 9. 製圖數目 > 2 10. 模式數目 > 2 11. 冗餘類型 != 頻道數目
*.flac	-	8kHz ~ 192kHz	< 5Mbps
*.wav	PCM/LPCM/IMA_ ADPCM/MPEG/ MULAW	8kHz ~ 192kHz	< 5Mbps
*.AIFF	壓縮類型: alwa, ulaw, sowt	(8, 16, 22.05, 32, 44.1, 48, 96, 192) kHz ≤ 2 條頻道	< 5Mbps

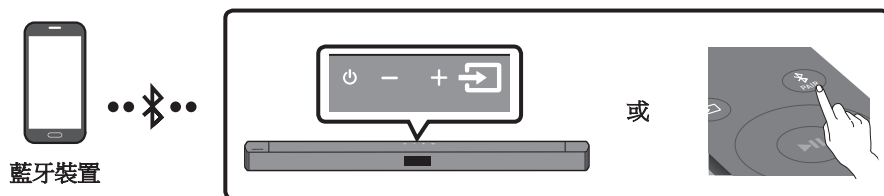
- 若 USB 裝置上存儲了太多資料夾 (約 256 個) 和檔案 (約 999 個), Soundbar 可能需要一定時間來存取和播放檔案。

09 連接流動裝置

透過藍牙連接

透過藍牙連接流動裝置時，您可以欣賞立體聲，而無需因處理纜線而煩惱。

- 您不可同時連接多部藍牙裝置。



初始連接

1. 按下遙控器上的 **PAIR** 按鈕，以進入「BT PAIRING」模式。
(或)
 - a. 按下上方面板的 **☞ (來源)** 按鈕，然後選擇「BT」。
「BT」會在數秒內自動轉為「BT PAIRING」，若有連接記錄則會轉為「BT READY」。
 - b. 看到「BT READY」時，按住 Soundbar 上方面板上的 **☞ (來源)** 按鈕超過 5 秒，以顯示「BT PAIRING」。
2. 在裝置上，從顯示的清單中選擇「[AV] Samsung Soundbar B4-Series」或「[AV]Soundbar B4-Series」。
 - Soundbar 連接至藍牙裝置後，[藍牙裝置名稱] → 「BT」會在前方螢幕上顯示。
3. 透過 Soundbar 播放藍牙連接裝置上的音樂檔案。



若裝置無法連接

- 如果先前連接的 Soundbar (例如「[AV] Samsung Soundbar B4-Series」或「[AV]Soundbar B4-Series」) 在清單上出現，請將它刪除。
- 然後重複第 1 和 2 步。

注意

- 首次將 Soundbar 連接至流動裝置後，可使用「BT READY」模式重新連接。

BT READY 和 BT PAIRING 有什麼不同？

- **BT READY**：在這個模式，您可以搜尋先前已連接的電視，或將先前已連接的流動裝置連接至 Soundbar。
- **BT PAIRING**：在這個模式，您可以將新裝置連接至 Soundbar。(按下遙控器上的  **PAIR** 按鈕，或在 Soundbar 處於「BT」模式時按住 Soundbar 上方面板的  (來源) 按鈕超過 5 秒。)

備註

- 如果系統在連接藍牙裝置時要求輸入 PIN 碼，請輸入 <0000>。
- 在藍牙連接模式下，若 Soundbar 和藍牙裝置相距超過 10 米，藍牙連接會中斷。
- 在待機狀態下，Soundbar 會在 18 分鐘後自動關閉。
- 在以下情況下，Soundbar 可能不會執行藍牙搜尋，或正確連接：
 - 若 Soundbar 附近的電場強烈。
 - 若數部藍牙裝置同時配對至 Soundbar。
 - 若藍牙裝置已關閉、不存在或發生故障。
- 電子裝置可能會導致無線電干擾。發放電磁波的裝置必須與 Soundbar 主設備保持遠距離，當中包括微波爐、無線 LAN 裝置等。
- Soundbar 支援 SBC 資料 (44.1kHz、48kHz)。
- 只連接支援 A2DP (AV) 功能的藍牙裝置。
- 您不可將 Soundbar 連接至只支援免提功能的藍牙裝置。
- 將 Soundbar 配對至藍牙裝置後，從裝置的掃描裝置清單選擇「[AV] Samsung Soundbar B4-Series」或「[AV]Soundbar B4-Series」，Soundbar 便會自動切換至「BT」模式。
 - 只在 Soundbar 出現在藍牙裝置的配對裝置清單時可用。
(藍牙裝置和 Soundbar 必須曾經配對最少一次。)
- 只有 Soundbar 顯示「BT READY」時，Soundbar 才會在藍牙裝置的搜尋裝置清單上出現。
- Soundbar 處於藍牙模式且已與藍牙裝置配對時，不可與另一部藍牙裝置配對。

Bluetooth Power 開 (SOUND MODE)

若想將曾經配對過的藍牙裝置與 Soundbar 配對，則當 Bluetooth Power 開功能打開時，即使 Soundbar 為關閉狀態，Soundbar 也會自動開啟。

1. 當 Soundbar 開啟時，按住 **SOUND MODE** 按鈕 5 秒以上。
2. 「ON-BLUETOOTH POWER」出現在 Soundbar 的顯示螢幕上。

從 Soundbar 解除連接藍牙裝置

您可以從 Soundbar 解除連接藍牙裝置。如需指引，請參閱藍牙裝置的使用者手冊。

- Soundbar 將會解除連接。
- Soundbar 從藍牙裝置解除連接後，Soundbar 的顯示螢幕上會顯示「BT DISCONNECTED」。

從藍牙裝置解除連接 Soundbar

按下上方面板或遙控器上的  (來源) 按鈕，然後變更為「BT」以外的模式。

- 由於藍牙裝置必須接收 Soundbar 的回應，因此解除連接需要時間。(解除連接的時間可能有異，視乎藍牙裝置而定)
- Soundbar 從藍牙裝置解除連接後，Soundbar 的顯示螢幕上會顯示「BT DISCONNECTED」。

備註

- 在藍牙連接模式下，若 Soundbar 和藍牙裝置相距超過 10 米，藍牙連接會中斷。
- 在準備就緒狀態下，Soundbar 會在 18 分鐘後自動關閉。

更多有關藍牙的資訊

藍牙是讓支援藍牙的裝置在短距離之間互相無線連接的技術。

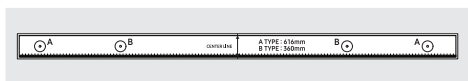
- 在以下情況，藍牙裝置可能會發出噪音或發生故障，視乎使用情況而定：
 - 您的身體部分接觸藍牙裝置的接收/傳輸系統或 Soundbar。
 - 裝置會受障礙物 (例如牆壁，角落或區域分隔物) 而引致的電磁變化影響。
 - 裝置暴露於頻帶相同的裝置的電磁干擾下，其中包括醫療設備、微波爐和無線 LAN。
- 將 Soundbar 與藍牙裝置靠近並配對。
- Soundbar 和藍牙裝置相隔愈遠，品質愈低。
若距離超出藍牙操作範圍，連接便會中斷。
- 在接收較差的地方，藍牙連接可能無法正常運作。
- 只有裝置靠近時，藍牙連接才可正常運作。若藍牙裝置超出範圍，連接會自動中斷。即使範圍內，音質亦可能會因障礙物 (例如牆或門) 而下降。
- 此無線裝置可能會在運作期間引致電磁干擾。

10 安裝牆壁安裝托架

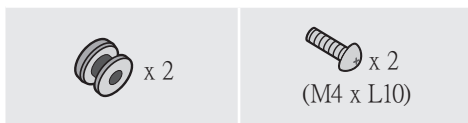
牆壁安裝托架元件

安裝注意事項

- 只在垂直牆上安裝。
- 不要在高溫或潮濕的地方安裝。
- 確定牆壁可承受產品重量。否則，請強化牆壁或選擇另一個安裝位置。
- 購買或使用您牆壁類型（石膏板、鐵板、木材等）適合的固定螺絲或錨。可行的話，將支援螺絲固定在牆上的螺柱。
- 根據安裝 Soundbar 的牆壁的類型和厚度購買牆上的安裝螺絲。
 - 直徑：M5
 - 長度：建議 35 毫米或以上。
- 在牆上安裝 Soundbar 前，從設備將連接線連接至外部裝置。
- 確保設備已經關閉而且已從電源拔除，然後才著手安裝，否則可能會造成觸電。



牆壁安裝托架指示圖



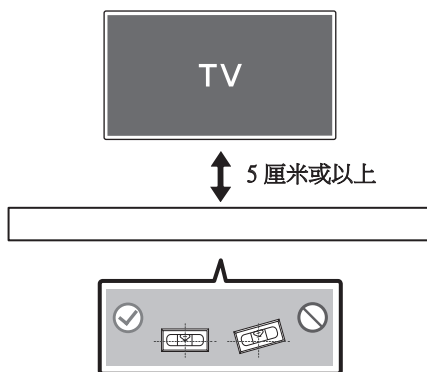
螺絲固定器

螺絲



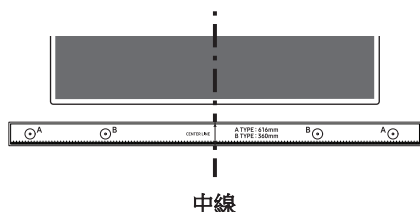
牆壁安裝托架

1. 將**牆壁安裝托架指示圖**貼在牆面。
 - **牆壁安裝托架指示圖**必須為水平。
 - 如果您在牆上安裝電視，Soundbar 應安裝在電視下方最少 5 厘米位置。

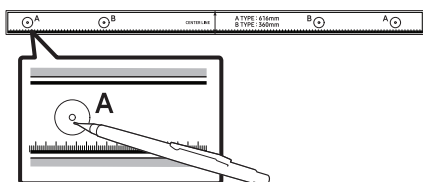


2. 將**牆壁安裝指引圖**的**中央線**對齊電視的中心位置 (若將 Soundbar 安裝在電視的下方), 再用膠紙將**牆壁安裝指引圖**固定在牆上。

- 若非安裝於電視下方, 請將**中線**對準安裝位置的中心。

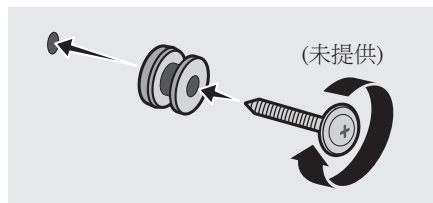


3. 用筆尖或削尖的鉛筆尖戳破安裝指引圖兩端的 **A-TYPE** 圖像中央, 以標記固定螺釘孔的位置, 然後拿開**牆壁安裝指引圖**。

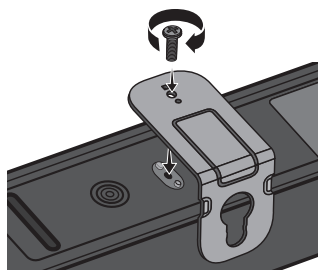


4. 用尺寸合適的鉗頭在各標記處鉗孔。
- 若標記與牆體上位置不符, 在插入固定螺釘前, 請確定您是否在孔中插入正確的螺釘。若使用螺釘, 請確保鉗孔足夠大可以插入螺釘。

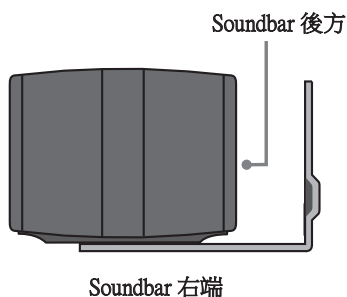
5. 在每個**螺絲固定器**中插入一個螺釘 (未提供), 再將**支架螺釘**中的螺釘擰緊。



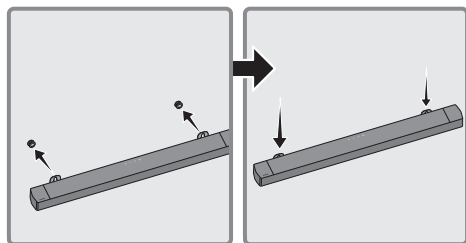
6. 使用 2 顆**螺釘**, 在 Soundbar 底部的正確方向安裝 2 顆**牆壁安裝托架**。



- 組裝時, 確定**牆壁安裝托架**的掛勾部分位於 Soundbar 的後方。

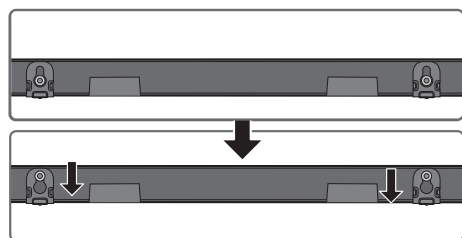


7. 將**牆壁安裝托架**懸掛在牆上的**螺絲固定器**上，即可透過**牆壁安裝托架**來安裝 Soundbar。



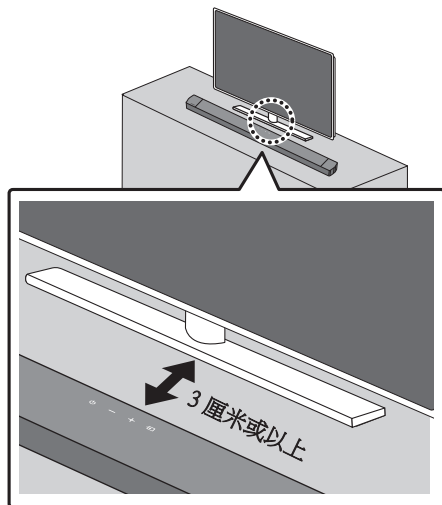
8. 向下拉動 Soundbar 如下所示，讓**牆壁安裝托架**安全擺放在**螺絲固定器**上。

- 將**螺絲固定器**插入**牆壁安裝托架**的寬 (底部) 部分，然後向下拉動**牆壁安裝托架**，讓**牆壁安裝托架**安全擺放在**螺絲固定器**上。



11 請將 SOUNDBAR 放 置在電視架上

請將 Soundbar 放置在電視架上。



參考圖片所示，把 Soundbar 中心對準電視的中心，然後小心地將有源音箱放置到電視架上。

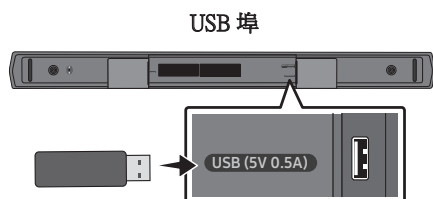
要達至最佳音效，應把 Soundbar 放在距離電視前方最少 3 厘米的位置。

注意

- 確保將 Soundbar 放置於平坦而穩固的平面上。

12 軟件更新

Samsung 可能會日後為 Soundbar 系統固件提供更新。



如有更新，可將包含固件更新的 USB 裝置連接至 Soundbar 的 USB 連接埠，以更新固件。如需更多有關下載更新檔案方法的資料，請前往 Samsung Electronics 網站 www.samsung.com → Support。然後，選擇產品類型，或輸入 Soundbar 型號，選擇「軟件和應用程式」，然後選擇「下載」。請注意，選項名稱可能有所不同。

更新程序

重要說明：更新功能會清除所有使用者設定。我們建議您記下設定，以便您在更新後重設。請注意，更新固件亦會重設低音炮連接。

1. 將 USB 磁碟連接至電腦上的 USB 連接埠。

重要說明：確定 USB 磁碟內沒有音樂檔案。這可能會導致固件更新失敗。

2. 前往 (samsung.com) → 選擇「輸入型號」，然後輸入 Soundbar 的型號。選擇手冊並下載最新的軟件檔案。
3. 將下載的軟件儲存至 USB 記憶體，然後選擇「提取至這裡」以解壓縮資料夾。
4. 關閉 Soundbar，並將放有軟件更新的 USB 手指連接至 USB 插口。
5. 開啟 Soundbar 後，來源模式切換為「USB」模式。「UPDATE」字樣會於 3 分鐘內出現，更新開始。
6. 完成更新時，Soundbar 會關閉。開啟 Soundbar，然後按住頂部面板的 **— + (音量)** 按鈕 5 秒。螢幕將會顯示「INIT OK」，而 Soundbar 則會重設。
 - 此產品擁有 DUAL BOOT 功能。如韌體更新失敗，可再次更新韌體。連接載有更新檔案的 USB 後，Soundbar 必須連接交流電源線。然後更新將會再次開始，VFD 將不會顯示任何內容，但更新將在 2 分鐘後完成。
7. 回復您 Soundbar 上的設定。

若「更新」沒有顯示

1. 關閉 Soundbar，將包含更新檔案的 USB 儲存裝置解除連接並重新連接至 Soundbar 的 USB 連接埠。
2. 拔除 Soundbar 的電源線並重新插入，然後開啟 Soundbar。

備註

- 若 Soundbar 支援的音訊檔案儲存在 USB 儲存裝置，更新韌體可能無法正常運作。
- 更新時，不要關閉電源或移除 USB 裝置。
- 更新完成後，Soundbar 的使用者設定會初始化，以便您重設設定。我們建議您記下設定，以便在更新後輕鬆重設設定。請注意，更新韌體亦會重設低音炮連接。更新後，若低音炮連接沒有自動重新建立，請參閱第 16 頁。若軟件更新失敗，請檢查 USB 記憶體是否損毀。
- Mac OS 使用者應使用 MS-DOS (FAT) 作為 USB 格式。
- 可能無法透過 USB 更新，視乎 USB 儲存裝置製造商而定。

13 解決疑難

在尋求幫助前，請檢查以下事項。

Soundbar 無法開啟。

- 檢查 Soundbar 的電源線有否正確插入插座。

Soundbar 運作異常。

- 拔下電源插頭，然後重新連接。
- 重啟外部裝置，然後再試一次。
- 如果沒有訊號，Soundbar 會在一定時間後自動關閉。關閉電源。
(請參閱第 7 頁)。

如果遙控器無法使用。

- 直接將遙控器指向 Soundbar。
- 更換新電池。

Soundbar 聲音並無輸出。

- Soundbar 音量可能太低或開啟了靜音功能。調整音量。
- 如果連接了任何外置裝置 (STB、藍牙裝置、流動裝置等等)，請調整該外置裝置的音量。
- 關於電視的聲音輸出，請選擇 Soundbar。(Samsung 電視：首頁 (🏠) → 功能表 → 設定 (⚙️) → 所有設定 (⚙️) → 音效 → 音效輸出 → 選擇 Soundbar)
- 連接至 Soundbar 的連接線不得鬆脫。移除連接線並重新連接。
- 完全移除電源線、重新連接，並開啟電源。
- 初始化產品並重試。
(請參閱第 31 頁)。


有源重低音音箱無法輸出任何聲音。

- 檢查有源重低音音箱後方的 LED 指示燈有否亮起藍色。若指示燈慢速閃動藍色或轉為紅色，則重新連接 Soundbar 和有源重低音音箱。
(請參閱第 17 頁)。
- 如果 Soundbar 和低音炮放置了阻礙物，可能會發生問題。將裝置移離阻礙物。
- 若附近設有傳送無線電頻訊號的裝置，可能會影響連接。請將揚聲器遠離這些裝置。
- 移除和重新連接電源插座。






低音炮音量過低。

- 您播放內容的原來音量可能過低。嘗試調校低音炮的音量。
(請參閱第 12 頁)。
- 將低音炮揚聲器靠近您。

電視的 Bluetooth 裝置列表沒有顯示 Soundbar。

- 完全拔下 Soundbar 的電源線然後重新插入，再嘗試搜尋。(請參閱第 20 頁)。
- 使用光纖電纜連接電視和 Soundbar，然後按住 Soundbar 上方按鈕的  (來源) 按鈕以選擇「D.IN」模式。查看音訊輸出是否正常，然後再次嘗試搜尋。(請參閱第 20 頁)。

Soundbar 無法透過 Bluetooth 進行連接。

- 連接新裝置時，切換至「BT PAIRING」，以進行連接。(按下遙控器上的  PAIR 按鈕，或按下機身的  (來源) 按鈕最少 5 秒。)
- 如果 Soundbar 連接至其他裝置，請先解除連接裝置，以切換至裝置。
- 從可連接裝置清單移除藍牙揚聲器清單後重新連接。(Samsung 電視：首頁 () → 功能表 → 設定 () → 所有設定 () → 音效 → 音效輸出 → 選擇 Soundbar)
- 移除和重新連接電源插座，然後重試。
- 初始化產品並重試。(請參閱第 31 頁)。

透過 Bluetooth 連接時沒有聲音。

- 微波爐、無線路由器等裝置距離 Soundbar 過近可能會造成電波干擾。
- 如果透過 Bluetooth 連接的裝置距離 Soundbar 太遠，便可能會沒有聲音。把裝置移近 Soundbar。
- 如果您身體的某部位接觸到 Bluetooth 收發器，或者產品安裝於金屬傢俱上，便可能會沒有聲音。
請檢查安裝環境和使用條件。

Soundbar 無法隨著電視自動開啟。

- 看電視時關閉 Soundbar，與電視之間的電源同步便會停止。請先把電視關掉。

14 授權



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[ENERGY STAR]

ENERGY STAR qualified model only

- Your Samsung product is ENERGY STAR qualified in its factory default setting. Change to certain features, settings and functionality in this product can change the power consumption, possibly beyond the limits required for ENERGY STAR qualification.
- Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of the Government agencies, designed to promote energy efficient products and practices.

Refer to www.energystar.gov for more information of the ENERGY STAR Program.

ENERGY STAR qualified model only

(Applicable to Thin Client models only)

As an ENERGY STAR® Partner, SAMSUNG has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

- The ENERGY STAR Program has been to reduced greenhouse gas emissions and save energy through voluntary labeling.
- Power management setting of this product have been enabled by default, and have various timing setting from 1 minutes to 5 hours.
- The product can wake with a button press on the chassis from sleep mode.

ENERGY STAR qualified model only (The other models)

- As an ENERGY STAR Partner, Samsung has determined that this product or product models meets the ENERGY STAR guideline for energy efficiency.
-

15 開源軟件許可聲明

如要提出有關開放源問題的查詢和要求，請聯絡三星開放源

(<http://opensource.samsung.com>)

16 有關維修的重要說明

本使用說明書中的圖片和圖解僅供參考，可能與實際的產品外觀有所不同。

17 規格和指南

規格

型號名稱	HW-B450
USB	5V/0.5A
重量	1.4 千克
尺寸 (寬 x 高 x 厚)	858.8 x 59.0 x 75.0 毫米
工作溫度範圍	+5°C 到 +35°C
工作濕度範圍	10 % ~ 75 %
擴音器 額定輸出功率	40W x 2、6 ohm
支援的播放格式 (DTS 2.0 聲音以 DTS 格式播放。)	LPCM 2ch、Dolby Audio™ (支援 Dolby® Digital)、DTS

低音炮名稱	PS-WB45T
重量	4.5 千克
尺寸 (寬 x 高 x 厚)	184.0 x 343.0 x 295.0 毫米
擴音器 額定輸出功率	220W

備註

- Samsung Electronics Co., Ltd 保留隨時變更規格的權利，恕不另行通知。
- 重量和尺寸為估計值。

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HONG KONG	3698 4698 (All Product) 3698 4688 (B2B) 3698 4633 (eStore) 2121 9088 (Samsung pay)	www.samsung.com/hk/support (Chinese) www.samsung.com/hk_en/support (English)
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NEW ZEALAND	0800 726 786	www.samsung.com/nz/support
VIETNAM	1800 588 889	www.samsung.com/vn/support
THAILAND	1800-29-3232 (Toll free for all product)	www.samsung.com/th/support
MYANMAR	+95-1-2399-888	www.samsung.com/mm/support
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