SAMSUNG

HW-K850

User manual

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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.

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 important literature concerning operation and maintenance has been included with this product.

	Class II product : This symbol indicates that it does not require a safety connection to electrical 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.

CAUTION

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

Wiring the Main Power Supply Plug (UK Only)

IMPORTANT NOTICE

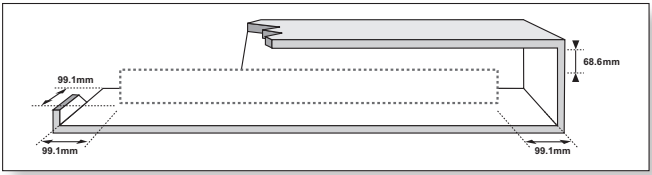
The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and if it requires replacing, a fuse approved to BS1362 of the same rating must be used. Never use the plug with the fuse cover removed. If the cover is detachable and a replacement is required, it must be of the same colour as the fuse fitted in the plug. Replacement covers are available from your dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord. Never attempt to insert bare wires directly into a mains socket. A plug and fuse must be used at all times.

IMPORTANT

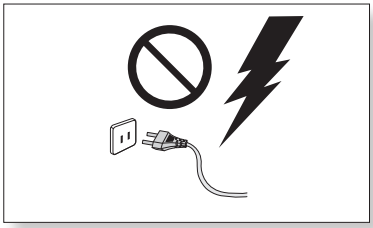
The wires in the mains lead are coloured in accordance with the following code:– BLUE = NEUTRAL BROWN = LIVE As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:– The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING : DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL ⏚, OR COLOURED GREEN OR GREEN AND YELLOW.

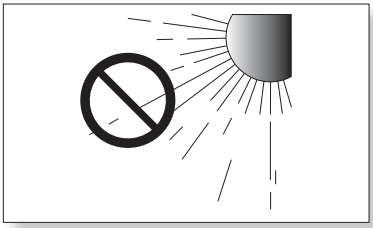
PRECAUTIONS



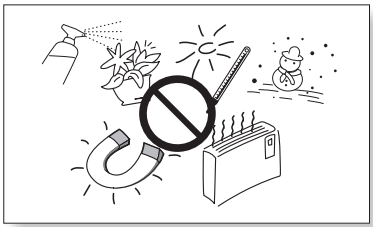
Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the back of your product. Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (7~10 cm). Make sure the ventilation 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.



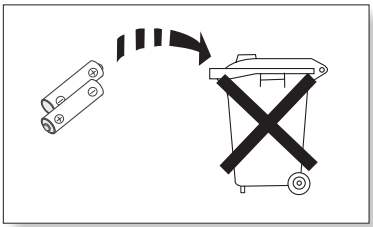
During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.



Do not expose the unit to direct sunlight or other heat sources. This could lead to overheating and cause the unit to malfunction.



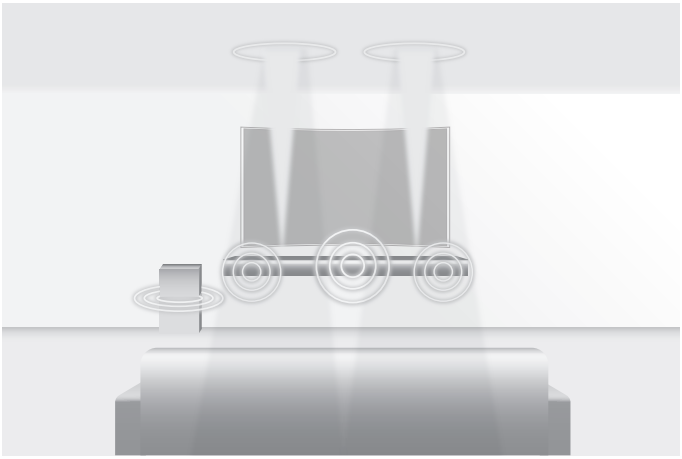
Protect the product from moisture (i.e. vases), and excess heat (e.g. a fireplace) or equipment creating strong magnetic or electric fields. Disconnect the power cable from the AC supply if the unit malfunctions. Your product is not intended for industrial use. It is for personal use only. Condensation 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.



The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash. Do not dispose of batteries in a fire. Do not short circuit, disassemble, or overheat the batteries. There is a danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.

DOLBY ATMOS®

This product supports Dolby Atmos®.



*** What is Dolby Atmos®?**

Atmos technology enhances existing 5.1 channel surround sound systems by adding an overhead speaker.
This envelops the listener in 360 degrees of sound, delivering an immersive, high-definition, rich, detailed, and deeper experience. See page 23 to learn how to connect the system.

CONTENTS

2 GETTING STARTED

2 Safety Information
4 Dolby Atmos®
6 What's Included

7 DESCRIPTIONS

7 Front / Right Side Panel
8 Bottom Panel
9 Remote Control

14 INSTALLATION

14 Installing the Soundbar
14 Installing the Wall Mount
17 Detaching the Soundbar from the Wall

18 CONNECTIONS

18 Connecting the Subwoofer
21 Connecting to a TV
21 Connecting to a TV Using an HDMI (Digital) Cable
22 Connecting to a TV Using a Digital Optical Cable
23 Connecting to External Devices
23 Connecting Devices in Order to Use Dolby Atmos®
24 HDMI Cable
25 Optical or Analogue Audio Cable

26 FUNCTIONS

26 Input Mode
27 Bluetooth
29 Using the Multiroom App
31 Using the Network Standby On Function
32 Software Update

34 TROUBLESHOOTING

34 Troubleshooting

35 APPENDIX

35 Specifications

- 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 at your request and there is no defect with the product (i.e. where the user manual has not been read).
  (b) you bring the unit to a repair centre and there is no defect with the product (i.e. where the user manual has not been read).
- You will be informed of the administration fee amount before a technician visits.

WHAT'S INCLUDED

BEFORE READING THE USER'S MANUAL

Note the following terms before reading the user manual.

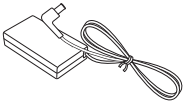
► Icons used in this manual

Icon	Term	Definition
	Caution	Indicates a situation where a function does not operate or settings may be cancelled.
	Note	Indicates tips or instructions on the page that help you operate a function.

Check for the supplied accessories shown below.

Remote Control / Batteries (AA Size)

Power Cord



AC/DC Adapter (for main unit)

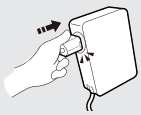
Bracket-Wall Mount : 2 EA

Wall Mount Guide

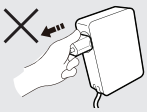
Holder-Screw : 2 EA

Screw : 2 EA

AC Plug
(Depending on the country and model)



Connect the AC plug to the adapter until you hear a "snapping" sound to ensure they are securely fastened.



Do not detach the AC plug from the adapter (it will not be removed once it has been attached).

- The appearance of the accessories may differ slightly from the illustrations above.
- Depending on the region, the AC plug may vary in appearance, or it may be supplied integrated with the adapter.

FRONT / RIGHT SIDE PANEL

❶ —/+ (Volume) Button

Controls the volume level.
The numeric value of the volume level appears in the front panel display.

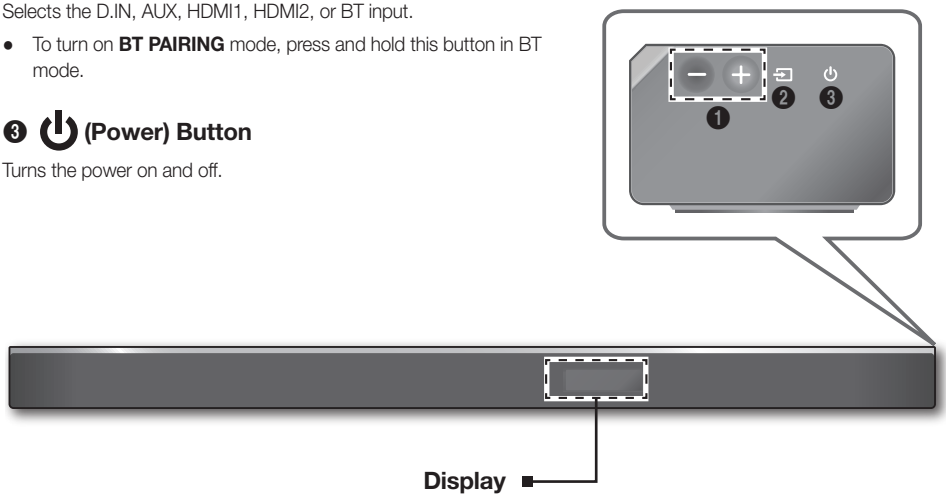
❷ (Source) Button

Selects the D.IN, AUX, HDMI1, HDMI2, or BT input.

- To turn on **BT PAIRING** mode, press and hold this button in BT mode.

❸ (Power) Button

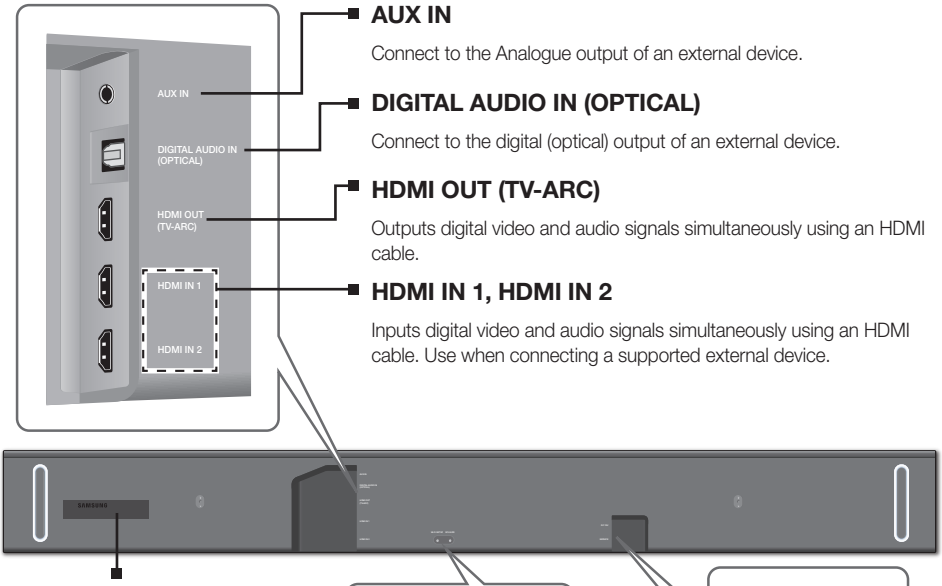
Turns the power on and off.



Displays the current mode.

- When you plug in the AC cord, the power button will begin working in 4 to 6 seconds. When you press the power button, there will be a 20 second delay before the unit produces sound.
- 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



AUX IN

Connect to the Analogue output of an external device.

DIGITAL AUDIO IN (OPTICAL)

Connect to the digital (optical) output of an external device.

HDMI OUT (TV-ARC)

Outputs digital video and audio signals simultaneously using an HDMI cable.

HDMI IN 1, HDMI IN 2

Inputs digital video and audio signals simultaneously using an HDMI cable. Use when connecting a supported external device.

LABEL

Wi-Fi SETUP

Press this button to connect your Soundbar to your network using Wi-Fi setup. (Requires a smart device and the Samsung Multiroom app. See page 29.)

SPK ADD

Press this button to connect the Soundbar to a Samsung HUB (purchased separately) or a network. (Requires a smart device and the Samsung Multiroom app. See page 29.)

DC 19V (Power Supply In)

Connect the AC/DC power adaptor to the power supply jack, and then connect the AC/DC power adaptor plug to a wall outlet.

SERVICE

USB micro jack. To upgrade the product's software. Requires a USB adapter. (Sold separately.) See page 32.

- When disconnecting the power cable of the AC 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.

REMOTE CONTROL

Power

Turns the Soundbar on and off.

((o)) SOUND

Surround Sound adds depth and spaciousness to the sound. Pressing the **((o)) SOUND** button repeatedly cycles through the Surround Sound settings : **ON - SURROUND SOUND**, **OFF - SURROUND SOUND**

- ON: Play sound over all the speakers.
- OFF: Play sound through the original source channel.

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.

You can also activate the **Wi-Fi SETUP** function by pressing and holding the **Up** button on the remote for more than 5 seconds.

You can also activate the **SPK ADD** function of the Soundbar by pressing and holding the **Down** button of the remote for more than 5 seconds.

Music Skip

Press the **Right** button to select the next music; press the **Left** button to select the previous music.

Anynet+

Press and hold the **Right** button for about 5 seconds to turn the Anynet+ function on or off.

(Default : **ON - ANYNET+** or **OFF - ANYNET+**)

The Anynet+ function lets you control the Soundbar with the remote from an Anynet+ compatible Samsung TV.

The Soundbar must be connected to the TV via an HDMI cable.

Auto Power Link

Press and hold the **Left** button for about 5 seconds to turn the Auto Power Link function on or off.

(Default : **OFF - POWER LINK** or **ON - POWER LINK**)

Synchronizes the Soundbar to a connected Optical source via the Optical jack so it turns on automatically when you turn on your TV. (See page 22)

The Auto Power Link function is only available in the **D.IN** mode.

EFFECT

You can select from 6 sound modes - **STANDARD (Original Sound)**, **MUSIC**, **CLEAR VOICE**, **SPORTS**, **MOVIE**, and **NIGHT** - depending on the content you want to listen to.

Select the **STANDARD** mode if you want to enjoy the original sound.

*** DRC (Dynamic Range Control)**

Lets you apply dynamic range control to Dolby Digital tracks.

Press and hold the **EFFECT** button for about 5 seconds in standby mode to toggle the DRC (Dynamic Range Control) function **ON - DRC** and **OFF - DRC**.

- Operate the TV using the TV's remote control.

SOURCE

Press to select a source connected to the Soundbar.

*** BT PAIRING mode**

To turn on BT PAIRING mode in Bluetooth function, press and hold the **SOURCE** button for more than 5 seconds.

Play / Pause (BT / WIFI)

Press the ▶II button to pause a music temporarily.
Press the ▶II button again to play the selected music.

LEVEL

The ATMOS Soundbar has 3.1.2 channel sound. Use this button to adjust the volume of each of the speakers. Press this button, use the **Left/Right** buttons to select a speaker, and then use the **Up/Down** buttons to increase or decrease the level (volume).

Main Unit

Speaker	Displayed on OLED when adjusting the level
Front Left	FL
Front Top Left	FTL
Centre	C
Front Right	FR
Front Top Right	FTR

*** Network Standby On/Off**

Press and hold the **LEVEL** button for about 5 seconds to turn the Network Standby on or off. (See page 31)

(Sound Control)

Press to select **TREBLE**, **BASS**, or **AUDIO SYNC**. Then, use the **Up/Down** buttons to adjust the **TREBLE** or **BASS** volume from -3 ~ +3.

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 (**Left/Right**) and each can be adjusted to a setting between -6 ~ +6 (**Up/Down**).

If the Soundbar is connected to a digital TV and the video appears out of sync with the audio, press the **(Sound Control)** button to sync the audio with the video. Use the **Up/Down** buttons to set the audio delay between 0 ms ~ 300 ms. In BT mode, the Audio Sync function may not available.

WOOFER

Push the button up or down to adjust the volume of the subwoofer to -12 or -6 to +6.

Pressing the button reverts the subwoofer volume to level 0.

VOL

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.

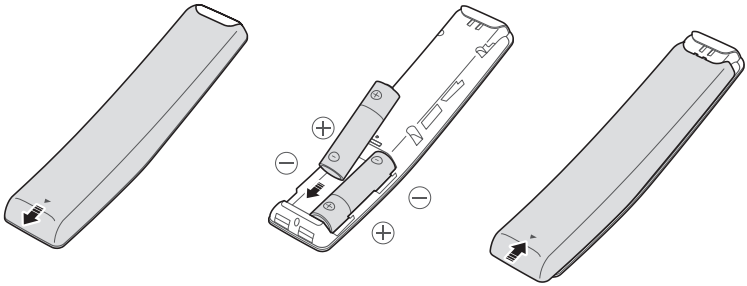
► Controlling the Volume of Soundbar by using Your TV Remote Control

1. Press and hold the **SOUND** button for more than 5 seconds while the Soundbar is turned on.
2. "ON - TV REMOTE" appears on the Soundbar's display.
3. In the TV's menu, set the TV speaker to external speaker.

- Not available in **TV ARC**, **BT**, **HDMI1** and **HDMI2** modes. (Available only in **D.IN** (optical) and **AUX** modes)
- On the TV remote control, only the volume and mute buttons are available. Other buttons are disabled.
- TV menus differ by manufacturer and model. Refer to the TV's user manual for further information.
- Manufacturers supporting this function:
  - VIZIO, LG, Sony, Sharp, PHILIPS, PANASONIC, TOSHIBA, GRUNDIG, Hisense, RCA
  - This function may not be compatible with your TV's remote depending on the remote control's manufacturer.
- To turn off this function, press the **SOUND** button for 5 seconds.
  "OFF - TV REMOTE" appears on the Soundbar's display.

INSERTING BATTERIES (AA BATTERY X2)

Slide the battery cover in the direction of the arrow until it is completely removed.
Insert 2 AA batteries (1.5V) in the correct +/- polarity. Slide the battery cover back into position.



USING THE HIDDEN BUTTONS

Hidden Button		Reference page
Remote Control Button	**Function**	
((o)) SOUND	TV remote control On/Off	Page 11
SOURCE	BT Paring	Page 27
▶II (Play / Pause)	Auto Power Down On/Off (AUX mode)	Page 26
VOL	ID SET	Page 19
Up	WIFI SETUP	Page 9
Down	ADD SPEAKER	Page 9
Left	Auto Power Link On/Off	Page 22
Right	Anynet+ On/Off	Page 9
(Sound Control)	7 Band EQ	Page 11
EFFECT	DRC On/Off	Page 9
LEVEL	Network Standby On/Off	Page 31

OUTPUT SPECIFICATIONS FOR THE DIFFERENT MODES OF SOUND EFFECT

Input	Effect		Output
2 ch	SOUND	ON	3.1.2 ch
5.1 ch			3.1.2 ch
2 ch	EFFECT	STANDARD	2.1 ch
5.1 ch			3.1 ch
2 ch	EFFECT	MUSIC	2.1 ch
5.1 ch			3.1 ch
2 ch	EFFECT	CLEAR VOICE	3.1 ch
5.1 ch			3.1 ch
2 ch	EFFECT	SPORTS	3.1.2 ch
5.1 ch			3.1.2 ch
2 ch	EFFECT	MOVIE	3.1.2 ch
5.1 ch			3.1.2 ch
2 ch	EFFECT	NIGHT	3.1 ch
5.1 ch			3.1 ch

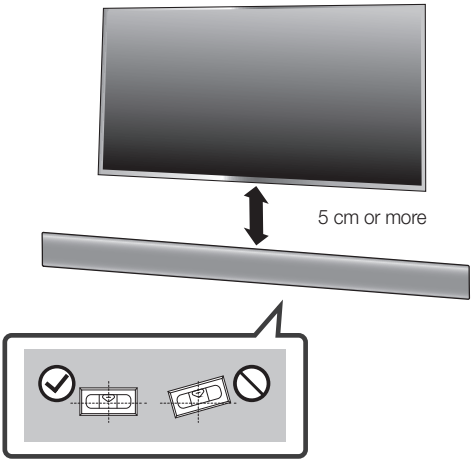
* If the input source is Dolby Atmos®, 3.1.2 channel is outputted. The sound effect is not available.

INSTALLING THE SOUNDBAR

INSTALLING THE WALL MOUNT

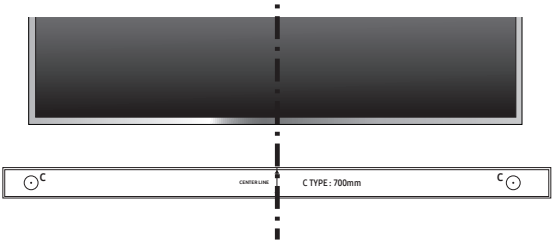
► Installation Precautions

- Install on a vertical wall only.
- For the installation, avoid a location with high temperature or humidity, or a wall that cannot sustain the weight of the set.
- Check the strength of the wall. If the wall is not strong enough to support the unit, reinforce the wall or install the unit on a different wall that can support the unit's weight.
- 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 will mount the Soundbar on.
  - Diameter: M5
  - Length: 35 mm or longer recommended.
- Connect cables from the unit to external devices before you install it on the wall.
- Make sure the unit is turned off and unplugged before you install it. Otherwise, it may cause an electric shock.



1. Place the **Wall Mount Guide** against the wall surface.

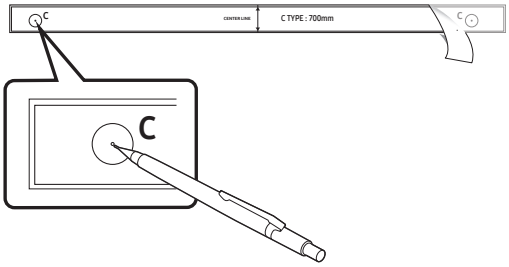
- The **Wall Mount Guide** must be level.
- If the TV is mounted on the wall, install the Soundbar at least 5 cm below the TV.



Centre Line

2. Align the Paper Template'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.

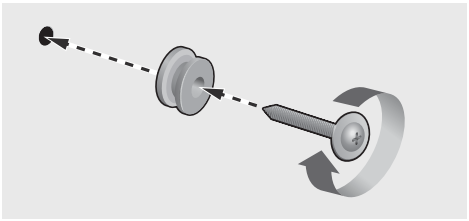
- If you are not mounting below a TV, place the **Centre Line** in the centre of the installation area.



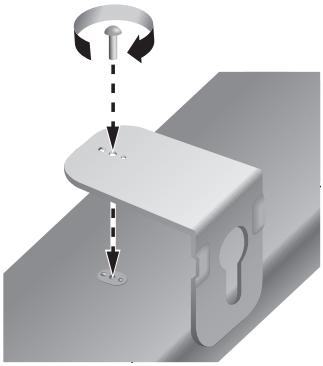
3. Push a pen tip or sharpened pencil tip through the centre of the **C-TYPE** images on each end of the Guide to mark the holes for the supporting screws, and then remove the **Wall Mount Guide**.

4. Using an appropriately sized drill bit, drill a hole in the wall at each marking.

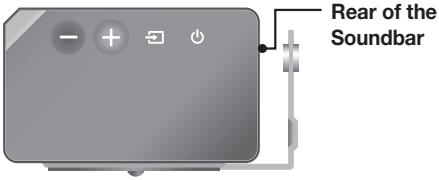
- If the markings do not correspond to the positions of studs, make sure you insert appropriate anchors or mollies into the holes before you insert the support screws. If you use anchors or mollies, make sure the holes you drill are large enough for the anchors or mollies you use.



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

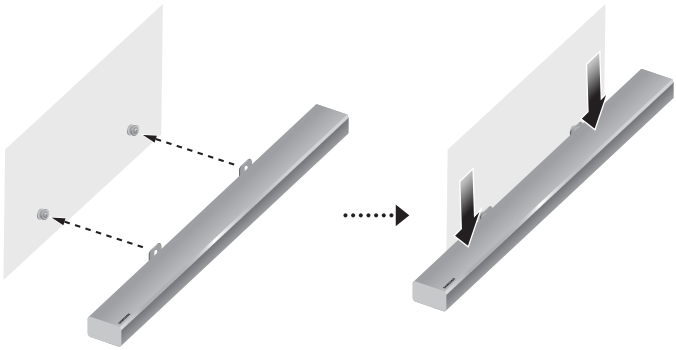


6. Install 2 **Bracket-Wall Mounts** in the right orientation on the bottom of the Soundbar, using 2 **Screws** (M4 x L12).

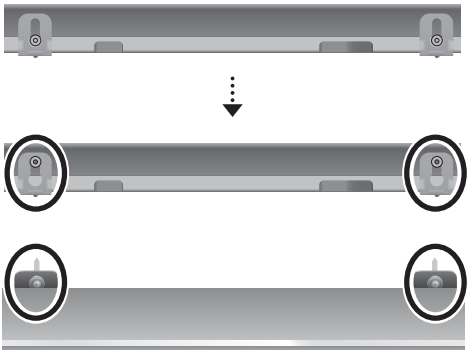


Right end of the Soundbar

- When assembling, make sure the hanger parts of the **Bracket-Wall Mounts** are located behind the rear of the Soundbar. See the illustration above.



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

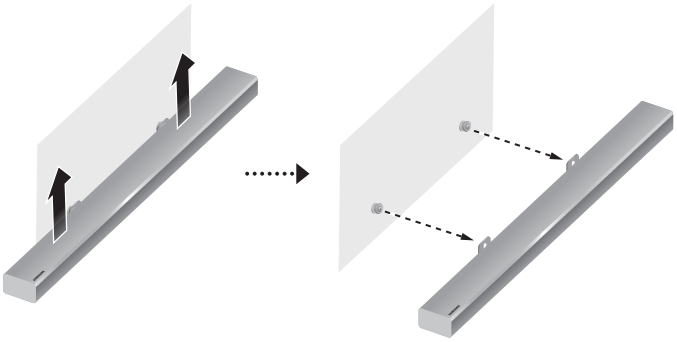


8. Slide the Soundbar down as shown above so that the **Bracket-Wall Mounts** rest securely on the **Holder-Screws**.

- Slide the **Bracket-Wall Mounts** down from the bottom to install it onto the **Holder-Screws**.

DETACHING THE SOUNDBAR FROM THE WALL

1. To separate the Soundbar from the wall mount, push it in the direction of arrow.



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

CONNECTING THE SUBWOOFER

- 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 will be Red after blinking Blue several times.
- If you use a device that uses the same frequency (2.4GHz) as the Soundbar near the Soundbar, interference may cause some sound interruption.
- The maximum transmission distance of the wireless signal between the main unit and subwoofer 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.

- The wireless receiving antenna is 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 location is clear of any obstructions.

AUTOMATIC CONNECTION

1. Connect a power supply to the subwoofer.
2. Connect a power supply to the Soundbar, and then press the ⏻ button on the remote control or on the right side of the Soundbar.
3. The subwoofer will be automatically connected to the Soundbar.
4. When auto pairing is complete, the blue indicators at the rear of the subwoofer turn on.

- If the red indicator at the rear of the subwoofer is on or the blue indicator flashes continuously, auto pairing cannot occur. If this happens, connect each of the speakers manually.
- You can enjoy better sound from the wireless subwoofer by selecting a Sound Effect. (See page 9.)
- Important: Before you begin, put the batteries into the remote. See page 12 for instructions.

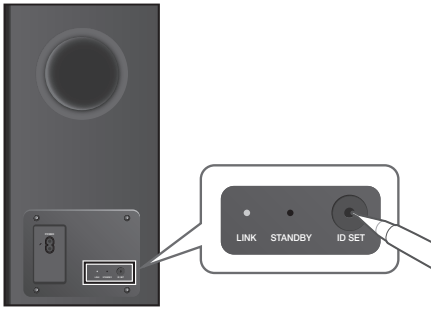
Rear of Subwoofer

CONNECTING THE SUBWOOFER MANUALLY IF THE AUTOMATIC CONNECTION FAILS

► Before You Begin

- Make sure that the Soundbar and the subwoofer are plugged in.
- Make sure that the Soundbar is turned on.

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

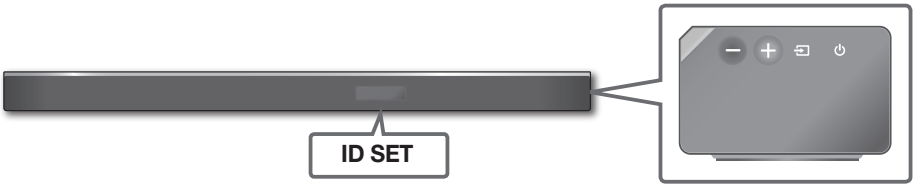


Rear of Subwoofer

2. Turn off the Soundbar.

3. Press and hold the **VOL** button on the remote control for at least 5 seconds with the Soundbar turned off (OFF).

4. The ID SET message appears on the display of the Soundbar for a short period of time, and then disappears.



Right Side of the Soundbar

5. When the blue indicator on the subwoofer blinks, turn on the power by pressing ⏻ button on the right side of the main unit or on the remote control.

6. When the connection is successfully established, the blue indicator on the rear of the subwoofer turn on without blinking.

- If the connection process fails, the blue indicators will flash continuously. Go to Step 1 and start again.

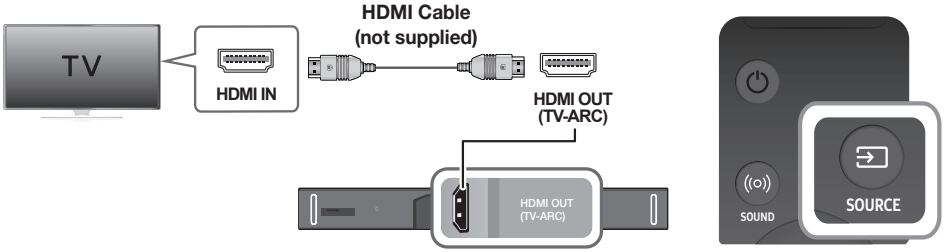
LED INDICATOR LAMP STATUS ON SUBWOOFER

LED	Status	Description	Resolution
Red	On	Standby (with the Soundbar main unit turned off)	Check the power supply to the Soundbar main unit
		Connection failed	Connect again (refer to the instructions on manual connection in the user manual)
Blue	On	Successfully connected (normal operation)	-
	Blinking	Standby (with the Soundbar main unit turned off)	Check the power supply to the Soundbar main unit
		Connection failed	Connect again (refer to the instructions on manual connection in the user manual)
Red and blue	Blinking	Malfunction	Contact the service centre.

CONNECTING TO A TV

- Important: Before you begin, put the batteries into the remote. See page 12 for instructions.

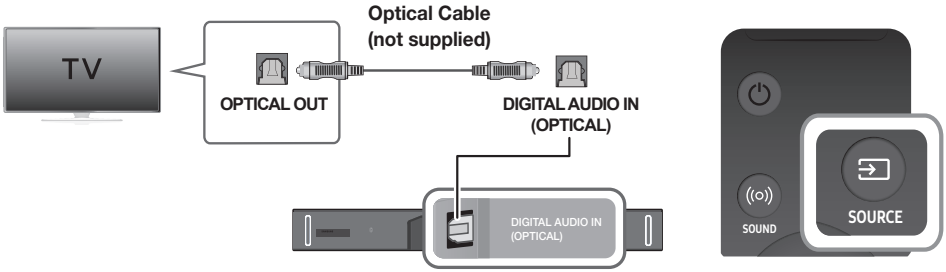
CONNECTING TO A TV USING AN HDMI (DIGITAL) CABLE



1. Connect an HDMI cable (not supplied) from the **HDMI OUT (TV-ARC)** jack on the bottom of the product to the HDMI IN jack on your TV.
2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **D.IN** mode.

- HDMI is an interface that enables the digital transmission of video and audio data with just a single connector.
- If the TV provides an ARC port, connect the HDMI cable to the HDMI IN (ARC) port.
- We recommend you use a coreless HDMI cable if possible. If you use a cored HDMI cable, use one whose diameter is less than 14 mm.
- Anynet+ must be turned on.
- This function is not available if the HDMI cable does not support ARC.

CONNECTING TO A TV USING A DIGITAL OPTICAL CABLE



1. Connect the **DIGITAL AUDIO IN (OPTICAL)** (Audio) jack on the Soundbar to the OPTICAL OUT jack of the TV with a digital optical cable (not supplied).
2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **D.IN** mode.

► Auto Power Link

If you have connected the main unit to a TV with a digital optical cable, you can set the Auto Power function ON to have the Soundbar turn on automatically when you turn the TV on.

1. Connect the Soundbar and a TV with a digital optical cable (not supplied).
2. Press the button on the main unit's right side or the **SOURCE** button on the remote control to select the **D.IN** mode.
3. Press the **Left** button on the remote control for 5 seconds to turn Auto Power Link on or off.

- Auto Power Link is set to ON by default.
- Depending on the connected device, Auto Power Link may not function.
- This function is only available in the D.IN mode.

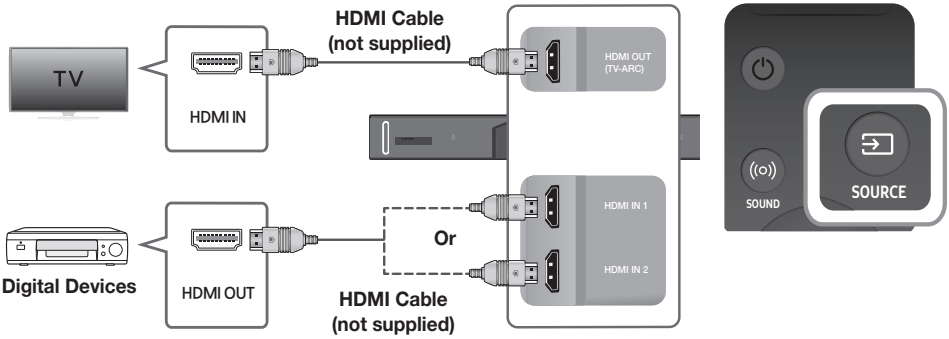
CONNECTING TO EXTERNAL DEVICES

HDMI is the standard digital interface for connecting to TVs, projectors, DVD players, Blu-ray players, set top boxes, and more.
HDMI prevents any degradation to the signal due to conversion to analogue and maintains the video and audio quality of the original digital source.

CONNECTING DEVICES IN ORDER TO USE DOLBY ATMOS®

This product supports Dolby Atmos®.

- Important: Dolby Atmos® is available only in HDMI mode.



1. Connect an HDMI cable (not supplied) from the **HDMI IN 1** or **HDMI IN 2** jack on the back of the product to the HDMI OUT jack on your digital device.
2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **HDMI1** or **HDMI2** mode.
3. The selected HDMI mode is displayed on the Soundbar display panel and sound plays.

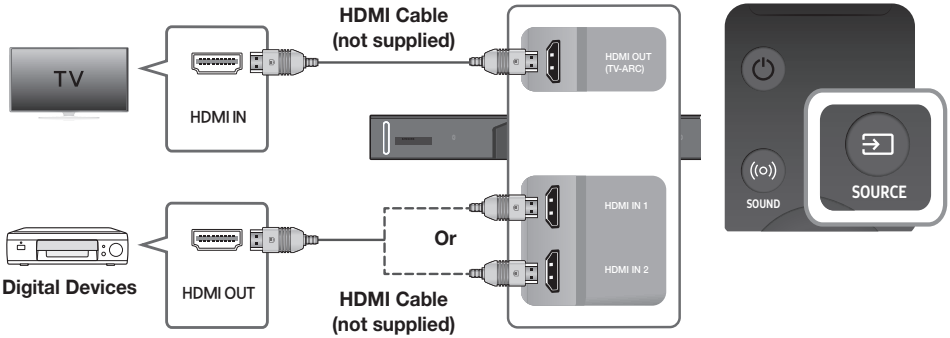
- When Dolby Atmos® operated, the Blue LED on the right edge of the Soundbar will turn on and glow.

4. Configuring Dolby Atmos® on your BD player, or other device.

- Check the audio output options using the settings menu on your BD player, or other device.
- Make sure that "No Encoding" is selected for bitstream in the audio output options.
  e.g., On a Samsung Player: Home menu → Settings → Sound → Digital Output: Select Bitstream (unprocessed).
- If the Audio Output options include Secondary Audio, make sure it is set to Off.

- Dolby Atmos® works only in HDMI mode. It is not compatible with other input sources.
- Dolby Atmos® works only on 3.1.2 channels.
- Make sure that the content supports Dolby Atmos®.

HDMI CABLE



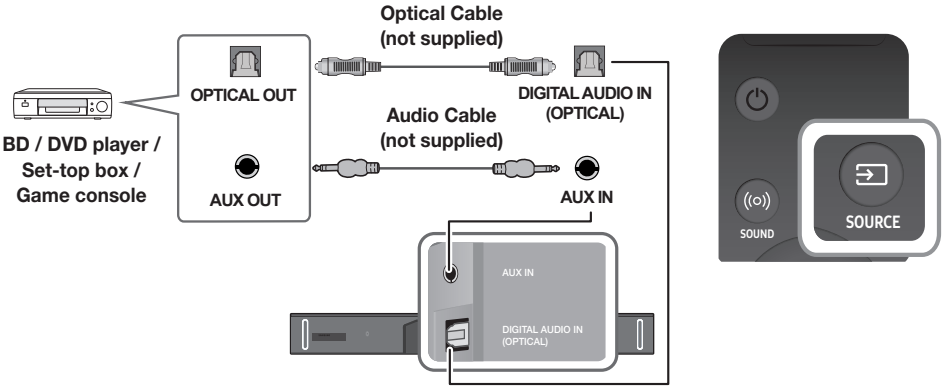
1. Connect an HDMI cable (not supplied) from the **HDMI IN 1** or **HDMI IN 2** jack on the back of the product to the HDMI OUT jack on your digital device.

2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **HDMI1** or **HDMI2** mode.

3. The selected HDMI mode is displayed on the Soundbar display panel and sound plays.

OPTICAL OR ANALOGUE AUDIO CABLE

This unit comes equipped with one digital optical in jack and one analogue audio (AUX) in jack, giving you two ways to connect it to external devices.



► AUX Cable

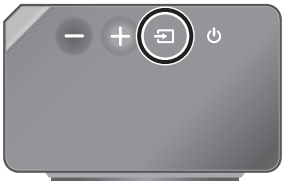
1. Connect **AUX IN** (Audio) on the main unit to the AUDIO OUT jack of the Source Device using an audio cable.
2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **AUX** mode.

► Optical Cable

1. Connect **DIGITAL AUDIO IN (OPTICAL)** (Audio) on the main unit to the OPTICAL OUT jack of the Source Device using a digital optical cable.
2. Press the button on the right side of the Soundbar or the **SOURCE** button on the remote control to select the **D.IN** mode.

INPUT MODE

Press the button on the main unit's right side or the **SOURCE** button on the remote control to select the mode you want.



Right Side of the Soundbar

Input mode	Display
Optical Digital input ARC (HDMI OUT) input	**D.IN**
AUX input	**AUX**
HDMI input	**HDMI1**, **HDMI2**
BLUETOOTH mode	**BT**

AUTO POWER DOWN FUNCTION

The unit turns off automatically in the following situations.

- D.IN / BT Mode
  - If there is no audio signal for 5 minutes.
- HDMI1 / HDMI2 Mode
  - If there is no audio signal for 15 minutes.
- AUX Mode
  - If the AUX cable is disconnected for 5 minutes.
  - If there is no KEY input for 8 hours when the AUX cable is connected.

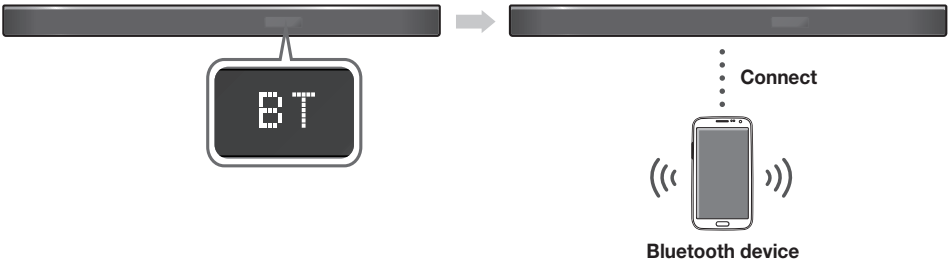
To turn the Auto Power Down function ON or OFF, press and hold the ▶II button for 5 seconds.
ON - AUTO POWER DOWN / **OFF - AUTO POWER DOWN** appears on the display.

BLUETOOTH

You can connect a Bluetooth device to the Soundbar and enjoy music with stereo sound, all without wires!

TO CONNECT THE SOUNDBAR TO A BLUETOOTH DEVICE

Check if the Bluetooth device supports the Bluetooth compliant stereo headset function.



1. Press the ⏎ button on the main unit's right side or the **SOURCE** button on the remote control to select the **BT** mode.
   - You will see **BT READY** or **BT PAIRING** on the front display of the Soundbar.
2. Select the Bluetooth menu on the Bluetooth device you want to connect. (Refer to the Bluetooth device's user manual.)
3. Select **"[AV] Samsung Soundbar Kxxx"** from the list.
   - When the Soundbar is connected to the Bluetooth device, it will display [**Bluetooth device name**] → **BT** on the front display.
   - The device name can only be displayed in English. An underline " _ " will be displayed if the name is not in English.
   - If the Bluetooth device has failed to pair with the Soundbar, delete the previous "**[AV] Samsung Soundbar Kxxx**" found by the Bluetooth device, switch to **BT PAIRING** mode by pressing and holding the ⏎ button on the main unit's right side or the **SOURCE** button on the remote control, and then have the Bluetooth device search for the Soundbar again.
4. Play music on the connected device.
   - You can listen to the music playing on the connected Bluetooth device over the Soundbar.
   - In **BT** mode, the Play / Pause / Next / Prev functions are not available. However, these functions are available on Bluetooth devices supporting AVRCP.

- If asked for a PIN code when connecting a Bluetooth device, enter <0000>.
- Only one Bluetooth device can be paired at a time.
- The Bluetooth connection will be terminated when you turn the Soundbar off.
- 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.
- Note that such devices as microwave ovens, wireless LAN adaptors, fluorescent lights, and gas stoves use the same frequency range as the Bluetooth device, which can cause electric interference.

- 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 Kxxx**" 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.)
- Soundbar will appear in the Bluetooth device's searched devices list only when the Soundbar is displaying **BT PAIRING**.

TO DISCONNECT A BLUETOOTH DEVICE FROM THE 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.

TO DISCONNECT THE SOUNDBAR FROM A BLUETOOTH DEVICE

Press the **SOURCE** button on the remote control or the button on the product's right side to switch from **BT** to another mode or turn off the Soundbar.

- The connected Bluetooth device will wait a certain amount of time for a response from the Soundbar before terminating the connection. (Disconnection time may differ, depending on the Bluetooth device)

- In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the Soundbar and the Bluetooth device exceeds 10 meters.
- The Soundbar automatically turns off after 5 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.

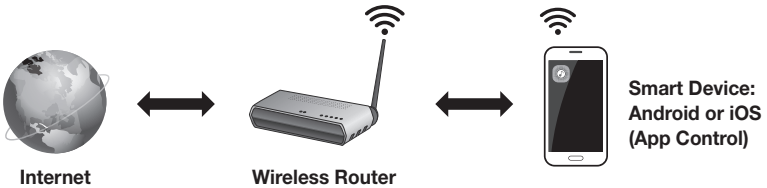
- A Bluetooth device may cause noise or malfunction, depending on usage, if:
  - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the Soundbar.
  - It is subject to electrical variation from obstructions caused by a wall, corner, or office partition.
  - 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.

USING THE MULTIROOM APP

The Samsung Multiroom app lets you connect the Soundbar to a smart device, your network, and the Internet. Once the Soundbar is connected to a smart device that has the Multiroom App installed, you can also connect the Soundbar and multiple Samsung Multiroom devices together wirelessly and play audio through them.

BEFORE YOU BEGIN

► Communication Basics



Requirements:

1. A Wireless Router and a Smart Device.
2. The wireless router must be connected to the Internet.
3. The smart device must be connected to the router via a Wi-Fi connection.

INSTALLING THE SAMSUNG MULTIROOM APP

To use the Soundbar with the Samsung Multiroom App, you must download and then install the Samsung Multiroom App on your smart device. You can download the app from Google Play or the App Store. With the Samsung Multiroom App installed, you can play music on your Soundbar that is stored on your smart device, located on other connected devices, provided by other content providers, or streamed from Internet radio stations.

► Android or iOS

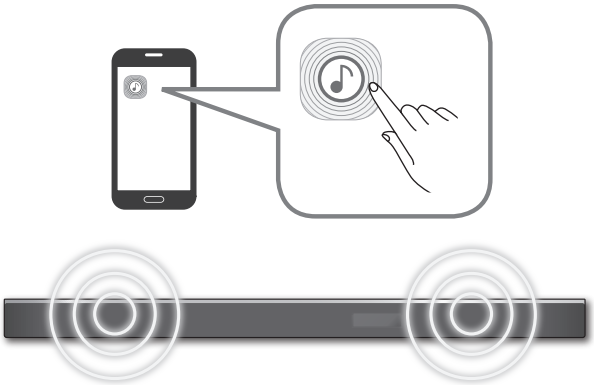
Download the Samsung Multiroom app from Google Play or the App Store of your smart device.

* Market search : Samsung Multiroom

Get it on Google play **or** Available on the App Store

► Launching the Samsung Multiroom App

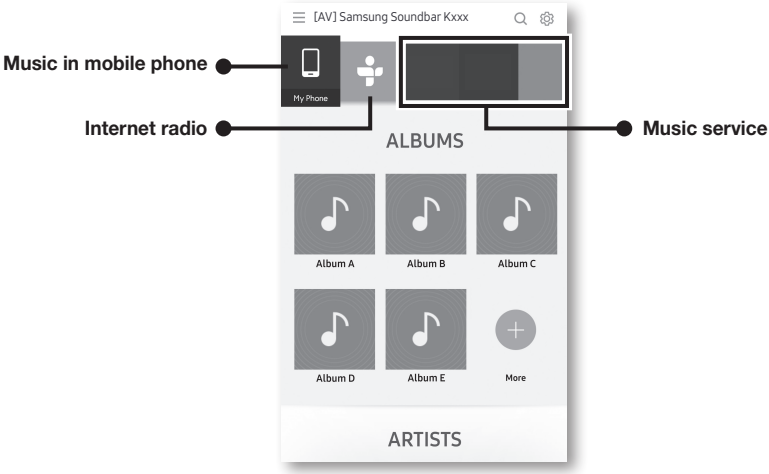
To launch the Samsung Multiroom app, tap the Multiroom app icon on your smart device.



CONNECTING THE SOUNDBAR TO YOUR NETWORK

On your smart device, select the Samsung Multiroom app. Follow the directions on your smart device's screen.
You can use the following music sources with the Samsung Multiroom app.

- Music files stored in your mobile phone, various music sources, and Internet radio.



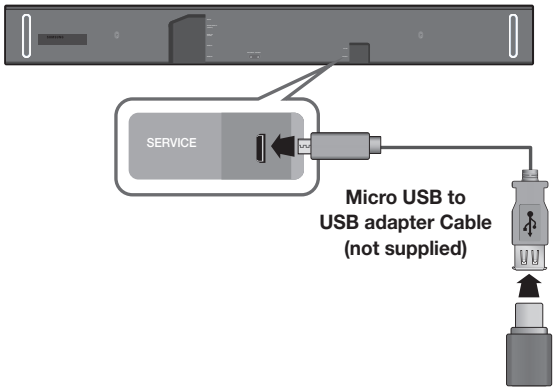
USING THE NETWORK STANDBY ON FUNCTION

The Network Standby On function becomes available if a wireless connection has been properly established between a smart device and the Soundbar. This function turns on the Soundbar automatically when a smart device attempts to connect to the Soundbar via Bluetooth or Wi-Fi. If you turn the Soundbar on via a Bluetooth connection, its input mode is set to BT automatically. To turn the Soundbar on via Wi-Fi, you must have the Samsung Multiroom App installed on your smart device.

1. Connect the smart device to your Soundbar.
2. Turn on the Network Standby On function by pressing the **LEVEL** button on the Soundbar's remote for more than 5 seconds. You can turn the function off by pressing the **LEVEL** button again for more than 5 seconds.

- Network Standby On is available only if the Soundbar is listed among the smart device's paired devices. (The Smart device and the Soundbar must have been previously paired at least once.)
- Soundbar will appear in the smart device's searched devices list only when the Soundbar is displaying [BT READY] or [WiFi READY].
- If the Network Standby On function did not work:
  - The Network Standby On is set to Off. Set it to ON.
- 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, turn on the Soundbar and reconnect it.

SOFTWARE UPDATE



UPDATING WITH USB

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.

Note that if there are multiple update files, you must load them onto the USB device singly and use them to update the firmware one file at a time.

Please visit samsung.com or contact the Samsung call centre to receive more information about downloading update files.

► Updating Procedure

1. Connect a Micro USB to USB adapter cable with a male USB 2.0 Micro USB plug (Type B) on one end and a standard female 2.0 USB jack (Type A) on the other end to the micro USB jack on your Soundbar.

- The Micro USB to USB adapter cable is sold separately. To purchase, contact a Samsung Service Centre or Samsung Customer Care.

2. Follow the steps below to download the product software:
   Go to the Samsung website at (samsung.com/sec) → search for the model name - select the customer support option (the option name is subject to change)
3. Save the downloaded software to a USB stick and select "Extract to the folder name" to unzip the folder.
4. Turn off the Soundbar and connect the USB stick containing the software update to the female port on a Micro USB adapter cable.
5. Turn on the Soundbar. Within 3 minutes, **UPDATE** is displayed and updating begins.
6. After the update is complete, the Soundbar turns off and on again.

- If the input source has been changed after an update or a reconnection of the power cable, change the input source to TV, or the desired source.

► If UPDATE was not displayed

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

- Insert a USB device containing the firmware update into the USB port on the main unit.
- Updating firmware 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. The main unit will turn off automatically after completing the firmware update.
- After update is completed, the user setup in Soundbar is initialised. 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 18.
  If the software update fails, check that the USB stick is not defective.
- Mac OS users should use MS-DOS (FAT) as the USB format.
- Depending on the manufacturer, some USB devices may not be supported.

AUTO UPDATE

If the Soundbar is connected to the Internet, it will automatically check for the latest firmware and update when new firmware becomes available, even if it is turned off.

- The Soundbar is configured to run Auto Update by default.
- 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 its power cord is disconnected or the power is cut off. If the power is cut off, turn on the Soundbar and reconnect it.

TROUBLESHOOTING

Before requesting service, please check the following.

The unit will not turn on.	
• Is the power cord plugged into the outlet?	→ Connect the power plug to the outlet.

A function does not work when the button is pressed.	
• Is there static electricity in the air?	→ Disconnect the power plug and connect it again.

Sound is not produced.	
• Is the Mute function on?	→ Press the **VOL** button to cancel the Mute function.
• Is the volume set to minimum?	→ Adjust the volume.

The remote control does not work.	
• Are the batteries drained?	→ Replace with new batteries.
• Is the distance between the remote control and main unit too far?	→ Move closer to the unit.

The red LED on the subwoofer blinks and the subwoofer is not producing sound.	
• Your subwoofer may not be connected to the main unit of the product.	→ Try to connect your subwoofer again. (See page 18)

The subwoofer drones and vibrates noticeably.	
• Try to adjust the vibration of your subwoofer.	→ Push the **WOOFER** button on your remote control up or down to adjust its value (between -12, -6 ~ +6).

SPECIFICATIONS

GENERAL	**Weight**	**Main Unit**	6.7 kg
		Subwoofer (PS-KW1-4)	9.6 kg
	Dimensions (W x H x D)	**Main Unit**	1210.2 x 81.7 x 131.4 mm
		Subwoofer (PS-KW1-4)	203.9 x 399.0 x 414.3 mm
	Operating Temperature Range		+5°C to +35°C
	Operating Humidity Range		10 % to 75 %
HDMI	**Video**		1080p,1080i, 720p, 576p, 480p 2160p@24/25/30Hz 4:4:4 2160p@60/50Hz 4:2:0
AMPLIFIER	**Rated Output Power**	**Main Unit**	18W x 11, 4 ohm, THD≦10%
		Subwoofer (PS-KW1-4)	162W, 3 ohm, THD≦10%

* Design, specifications and App screen are subject to change without prior notice.

* Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.
- For more information about the power supply and power consumption, refer to the label attached to the product. (Label : Bottom of main unit)

※ **Precaution** : The product will restart automatically if you turn on/off Wi-Fi/Ethernet.

Overall Standby Power Consumption (W) (All the network ports are "ON" condition)		5.8W
Wi-Fi/Ethernet	**Port deactivation method**	Press **Wi-Fi SETUP** button on the product for 30 seconds to turn Wi-Fi/Ethernet On / Off.
Bluetooth	**Port deactivation method**	Press **SPK ADD** button on the product for 30 seconds to turn Bluetooth On / Off.

※ **Open Source Licence Notice**

- For further information on Open Sources used in this product, please visit the website: http://opensource.samsung.com

※ **Spotify® Licence**

- The Spotify Software is subject to third party licences found here : www.spotify.com/connect/third-party-licenses.
- For more information about Spotify Connect, please visit www.spotify.com/connect

LICENCES

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Wireless Models (including the frequency of 5.15GHz-5.35GHz)

Hereby, Samsung Electronics, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
The original Declaration of Conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name.
This equipment may be operated in all EU countries.
This equipment may only be used indoors.

Wireless Models (excluding the frequency of 5.15GHz-5.35GHz)

Hereby, Samsung Electronics, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
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UNITED KINGDOM

EIRE

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased. However, Samsung Authorised Dealers and Authorised Service Centres in other EC Countries will comply with the warranty on the terms issued to purchasers in the country concerned. In case of difficulty, details of our Authorised Service Centres are available from:

Samsung Electronics U.K. Ltd
Samsung Customer Support Centre
Selectapost 38, Sheffield, S97 3FJ
United Kingdom

United Kingdom
Tel : 0330 SAMSUNG (7267864)
www.samsung.com/uk/support

EIRE
Tel : 0818 717100
www.samsung.com/ie/support

■ WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip or confirmation, and the serial number on the product has not been defaced.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbursement will be made for repairs carried out by non Samsung Dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and anufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.
5. This warranty covers none of the following:
   a) Periodic check ups, maintenance and repair or replacement of parts due to normal wear and tear.
   b) Cost relating to transport, removal or installation of the product.
   c) Misuse, including the faiure to use this product for its normal purposes or incorrect installation.
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6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.
7. The consumers statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the rights under this warranty are the consumers sole rights and Samsung, its subsidiaries and distributors shall not be liable for indirect or consequential loss or any damage to records, compact discs, videos or audio taper or any other related equipment or material.

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Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care Centre.

Country	Contact Centre ☎	Web Site
▪ Europe		
U.K	0330 SAMSUNG (7267864)	www.samsung.com/uk/support
EIRE	0818 717100	www.samsung.com/ie/support
GERMANY	0180 6 SAMSUNG bzw. 0180 6 7267864* (*0,20 €/Anruf aus dem dt. Festnetz, aus dem Mobilfunk max. 0,60 €/Anruf)	www.samsung.com/de/support
FRANCE	01 48 63 00 00	www.samsung.com/fr/support
ITALIA	800-SAMSUNG (800.7267864)	www.samsung.com/it/support
SPAIN	34902172678	www.samsung.com/es/support
PORTUGAL	808 20 7267	www.samsung.com/pt/support
LUXEMBURG	261 03 710	www.samsung.com/be_fr/support
NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com/nl/support
BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)
NORWAY	815 56480	www.samsung.com/no/support
DENMARK	70 70 19 70	www.samsung.com/dk/support
FINLAND	030-6227 515	www.samsung.com/fi/support
SWEDEN	0771 726 7864 (0771-SAMSUNG)	www.samsung.com/se/support
POLAND	801-172-678* lub +48 22 607-93-33 * * (koszt połączenia według taryfy operatora)	www.samsung.com/pl/support
HUNGARY	0680SAMSUNG (0680-726-786) 0680PREMIUM (0680-773-648)	www.samsung.com/hu/support

Country	Contact Centre ☎	Web Site
AUSTRIA	0800-SAMSUNG (0800-7267864) [Only for Premium HA] 0800-366661 [Only for Dealers] 0810-112233	www.samsung.com/at/support
SWITZERLAND	0800 726 78 64 (0800-SAMSUNG)	www.samsung.com/ch/support (German) www.samsung.com/ch_fr/support (French)
CZECH	800 - SAMSUNG (800-726786)	www.samsung.com/cz/support
SLOVAKIA	0800 - SAMSUNG (0800-726 786)	www.samsung.com/sk/support
CROATIA	072 726 786	www.samsung.com/hr/support
BOSNIA	055 233 999	www.samsung.com/support
MONTENEGRO	020 405 888	www.samsung.com/support
SLOVENIA	080 697 267 (brezplačna številka)	www.samsung.com/si
SERBIA	011 321 6899	www.samsung.com/rs/support
BULGARIA	*3000 Цена в мрежата 0800 111 31 , Безплатна телефонна линия	www.samsung.com/bg/support
ROMANIA	*8000 (apel in retea) 08008-726-78-64 (08008-SAMSUNG) Apel GRATUIT	www.samsung.com/ro/support
CYPRUS	8009 4000 only from landline, toll free	www.samsung.com/gr/support
GREECE	80111-SAMSUNG (80111 726 7864) only from land line (+30) 210 6897691 from mobile and land line	
LITHUANIA	8-800-77777	www.samsung.com/lt/support
LATVIA	8000-7267	www.samsung.com/lv/support
ESTONIA	800-7267	www.samsung.com/ee/support

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(Applicable in countries with separate collection systems)

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To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.

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(Applicable in countries with separate collection systems)

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Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

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For information on Samsung's environmental commitments and product specific regulatory obligations e.g. REACH visit: samsung.com/uk/aboutsamsung/samsungelectronics/corporatecitizenship/data_corner.html