



SAMSUNG

HW-J450

User manual

Wireless Audio - Soundbar

Imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service, please register your product at
www.samsung.com/register

FEATURES

TV SoundConnect

TV SoundConnect lets you listen to audio from your TV on your Soundbar via a Bluetooth connection and lets you control the sound.

HDMI

HDMI transmits video and audio signals simultaneously, and provides a clearer picture.

The unit is also equipped with the ARC function which lets you listen to sound from your TV through the Soundbar via an HDMI cable. This function is only available if you connect the unit to an ARC compliant TV.

SURROUND SOUND

The SURROUND SOUND feature adds depth and spaciousness to your listening experience.

Wireless Subwoofer

Samsung's wireless module does away with cables running between the main unit and the subwoofer. Instead, the subwoofer connects to a compact wireless module that communicates with the main unit.

Special Sound Effects

You can select different Sound Effects - STANDARD (Original Sound)/MUSIC / VOICE / SPORTS / CINEMA / NIGHT MODE - depending on the type of content you want to enjoy.

Multi-function Remote Control

You can use the supplied remote control to control various operations with the simple press of a button.

USB Host Support

You can connect and play music files from external USB storage devices such as MP3 players, USB flash memory, etc. using the Soundbar's USB HOST function.

Bluetooth Function

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

Using Samsung Audio Remote App

To control the product with your Smart Device via the Samsung Audio Remote app, download the Samsung Audio Remote App by accessing the app through Google Play store.

LICENSES



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HDMI

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

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.

<p style="text-align: center;">CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN</p>		<p>The lighting flash and arrowhead within the triangle indicates that there is dangerous voltage inside the product.</p>
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>		<p>The explanation point within the triangle indicates that there are important instructions accompanying the product.</p>

WARNING

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

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.

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet that is on a different circuit than the radio or TV.
- Consult the dealer or an experienced radio/TV technician for help.

Caution : FCC regulations state that any unauthorized changes or modifications to this equipment may void the user's authority to operate it.

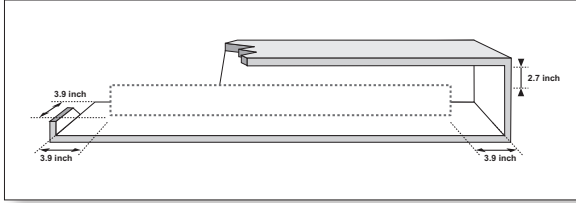
Important Safety Instructions

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

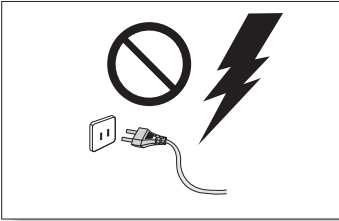
- 1) Read these instructions.
- 2) Keep these Instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachment/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



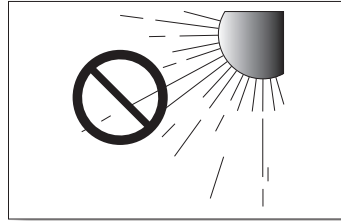
PRECAUTIONS



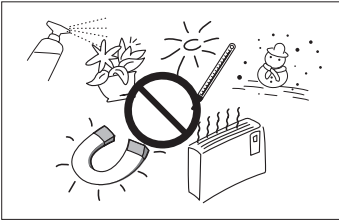
Ensure that the AC power supply in your house complies with the power requirements listed on the identification sticker located on the back of your product. Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4 inches). Make sure the ventilation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



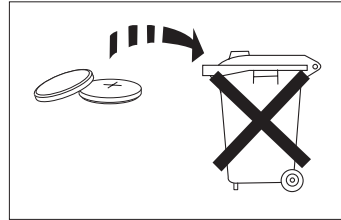
During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the unit.



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. A warning that batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like. Do not short circuit, disassemble, or overheat the batteries. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.



WARNING, DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD, The remote control supplied with this product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

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

GETTING STARTED

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 canceled.
	Note	Indicates tips or instructions on the page that help you operate a function.

► Safety Instructions and Troubleshooting

- 1) Be sure to familiarize yourself with the Safety Instructions before using this product. (See page 3)
- 2) If a problem occurs, check Troubleshooting. (See page 24)


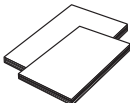









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WHAT'S INCLUDED

Check for the supplied accessories shown below.

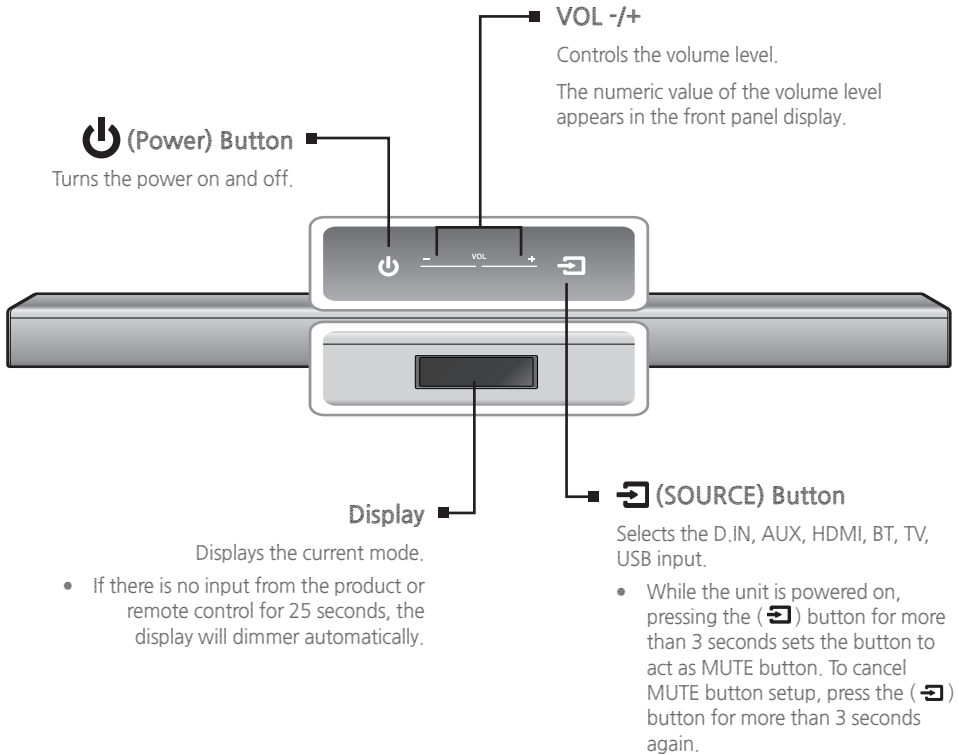
 <p>Remote Control / Lithium Battery (3V : CR2032) (AH59-02692E / 4301-001042)</p>	 <p>User Manual /Quick Guide (AH68-02805A) / (AH68-02689G)</p>	 <p>(Wall Mount L: 1EA) (Wall Mount R: 1EA)</p>
 <p>Wall Mount Guide AH63-03710A</p>	 <p>(Holder-screw1: 2EA) (Holder-screw2: 2EA)</p>	 <p>Bracket-Wall Mount (L : AH61-03833A / R : AH61-03834A)</p>
 <p>DC Adapter (BN44-00799A)</p>	 <p>Holder-screw (AH61-03342A/ 6001-001961)</p>	 <p>Power Cord:2EA (3903-000598:2EA)</p>
	 <p>Optical cable (AH39-00925B)</p>	 <p>USB Cable (AH39-01270A)</p>



- The appearance of the accessories may differ slightly from the illustrations above.
- Use the dedicated USB cable to connect external USB devices to the unit.

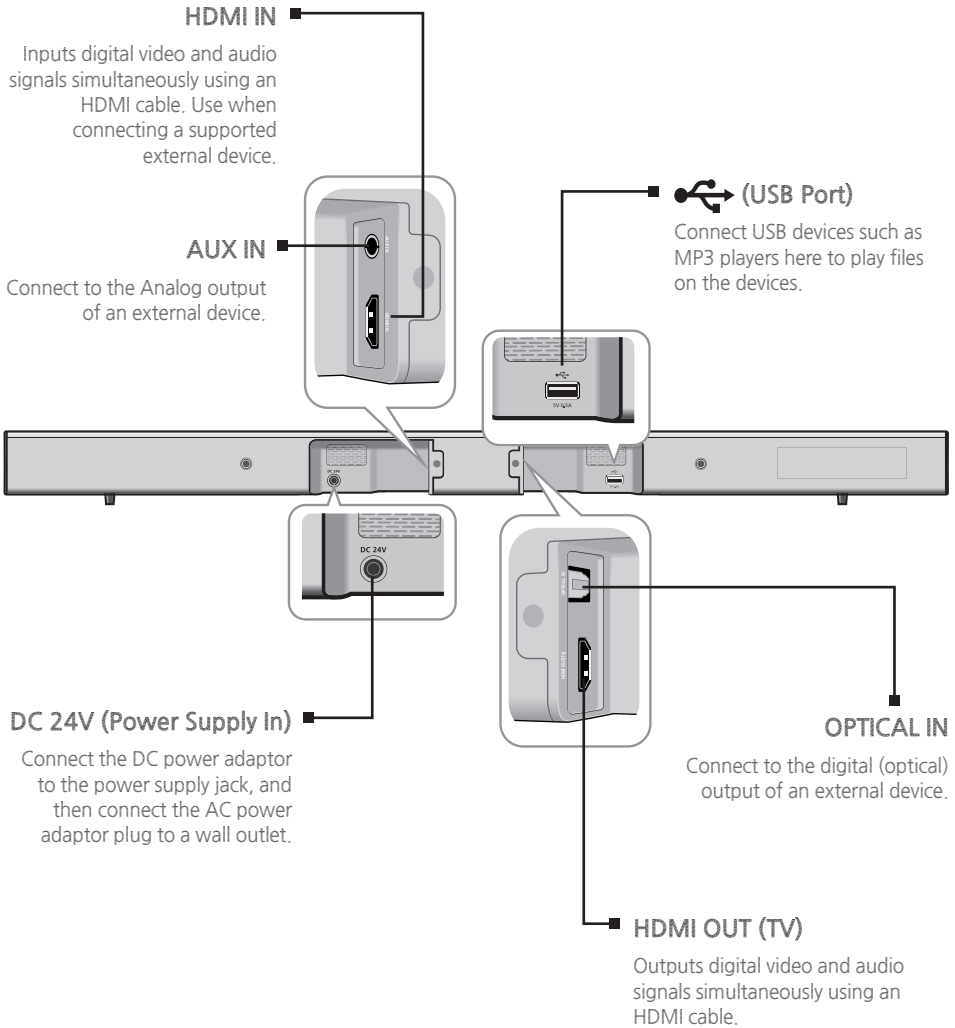
DESCRIPTIONS

TOP/FRONT PANEL



- When you turn on this unit, there will be a 4 to 5 second delay before it produces sound.
- If you want to enjoy the 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.

REAR PANEL



- When disconnecting the power cable of the AC power adaptor from the 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

REMOTE CONTROL BUTTONS AND FUNCTIONS

SOURCE
Press to select a source connected to the Soundbar.

MUTE
You can turn the volume down to 0 with the push of a button. Press again to restore the sound to the previous volume level.

REPEAT
Press to set the REPEAT function during music playback from a USB device.
OFF-REPEAT : Cancels Repeat Playback.
TRACK-REPEAT : Repeatedly play a track.
ALL-REPEAT : Repeatedly play all tracks.
RANDOM-REPEAT : Plays tracks in random order. (A track that has already been played may be played again.)

Skip Forward
If there is more than one file on the device you are playing, and you press the ►► button, the next file is selected.

SOUND CONTROL (*Use the ◀◀, ▶▶ buttons to adjust level.)
Press to select **TREBLE**, **BASS**, or **AUDIO SYNC**. Then, use the ◀◀, ▶▶ buttons to adjust the Treble, Bass volume from -6 to +6.
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 ◀◀, ▶▶ buttons to set the audio delay between 0 ms and 300 ms. In USB mode, TV mode, and BT mode, the Audio Sync function may not work.
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 and each can be adjusted to a setting between -6 and +6.

AUTO POWER
Auto 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.
(Auto Power Link : Default OFF, ON-Anynet+ / OFF-POWER LINK or OFF-Anynet+ / ON-POWER LINK). 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.
* Anynet+: Press the **AUTO POWER** button to turn the Anynet+ function on or off.

WOOFER (*Use the ◀◀, ▶▶ button to adjust volume)
You can control the woofer volume.
Press the ◀◀, ▶▶ button to increase or decrease the subwoofer volume. You can select SW (-12, -6, -5, -4, -3, -2, -1, 0, +1, +2, +3, +4, +5, +6).



- Soundbar is a Samsung proprietary name.
- Operate the TV using the TV's remote control.

POWER
Turns the Soundbar on and off.

VOLUME
Adjusts the volume level of the unit.

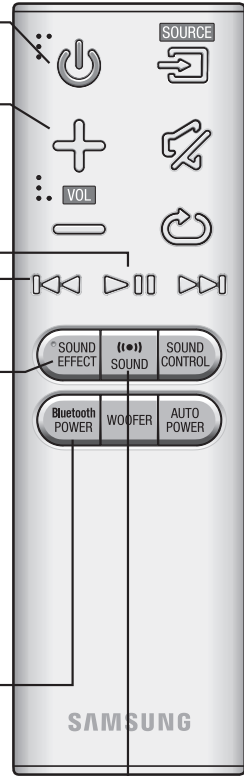
Play/Pause
Press the ►|| button to pause playing the file temporarily.
Press the ►|| button again to play the selected file.

Skip Back
If there is more than one file on the device you are playing, and you press the ◀◀ button, the previous file is selected.

SOUND EFFECT
You can select different sound modes - **STANDARD, MUSIC, VOICE, SPORTS, CINEMA, and NIGHT MODE** - depending on the type of sources you want to enjoy.
Press the **SOUND EFFECT** button on the remote control.
Select the **STANDARD** mode if you want to enjoy the original sound.
* Night Mode
This will regulate and stabilize the volume level against a drastic volume change caused by a channel change or scene transition.

Bluetooth POWER
Press the **Bluetooth POWER** button on the remote to turn the Bluetooth POWER on function on and off.
See pages 19 and 21 for details.

SOUND
Press the **SOUND** button on the remote to add depth and spaciousness to the sound.
Press the **SOUND** on the remote control.
Each time the button is pressed, the selection changes as follows :
ON-SURROUND SOUND → OFF-SURROUND SOUND



► Installing the Battery in the Remote Control

1. Use a suitable coin to turn the remote control's battery cover counterclockwise to remove it as shown in the figure above.
2. Insert a 3V lithium battery. Keep the positive (+) pole facing up when inserting the battery. Put the battery cover on and align the '●' marks side by side as shown in the figure above.
3. Use a suitable coin to turn the remote control battery cover clockwise as far as it will go to fix it in place.