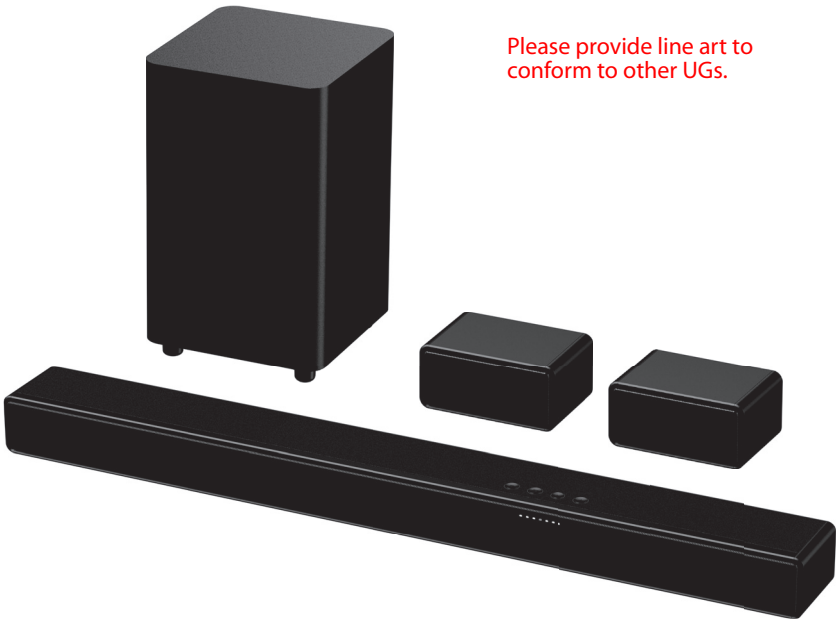
INSIGNIA™

USER GUIDE

Vendor: Safety Sections (s) must be approved via DF annotation per the product safety style guide, before the manual is approved by Sheriff.

5.1.2-Channel Soundbar with Subwoofer & Satellite Speakers

NS-SB512



Please provide line art to conform to other UGs.

Before using your new product, please read these instructions to prevent any damage.

Contents

Introduction 3
Important Safety Instructions 3
Package contents 6
Features 7
Top view 7
Back view 8
Subwoofer 9
Satellite speakers 9
Remote 10
Using the remote 11
Installing the remote batteries 11
Programming another remote 12
Setting up your soundbar 14
Positioning your soundbar 14
Positioning your subwoofer 14
Positioning your satellite speakers 15
Mounting your soundbar on a wall (optional) 15
Mounting your satellite speakers to a wall (optional) 16
Choosing your connection 17
Connecting to HDMI ARC (Best) 18
Using Dolby Atmos® 18
Connecting to digital optical (Better) 19
Connecting to AUX (Good) 19
Connecting to USB 20
Connecting to Bluetooth 20
Connecting the AC power cord 22
Connecting your subwoofer and satellite speakers 23
Using your soundbar 24
Listening to your soundbar 24
Selecting the sound source 25
Changing the volume 25
Selecting a sound mode 25
Using the AUX, OPTICAL, or HDMI ARC sound sources 25
Listening to music from a Bluetooth device 26
Changing the AutoWake feature 26
Receiving a phone call while playing music 26
Cleaning your soundbar 26
Troubleshooting 27
Specifications (please verify) 30
Legal notices 31
ONE-YEAR LIMITED WARRANTY 32

Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-SB512 represents the state of the art in soundbar design and is designed for reliable and trouble-free performance.

Important Safety Instructions
Read all instructions before use.
Keep these instructions.

Vendor: Safety section(s) are non compliant with new product safety style guide, please provide updated safety section(s).

- Use of non approved alert symbols

- grouped messages must be 9 messages or fewer

- embedded messages may use alert symbol and signal word per product safety style guide, etc.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICABLE PARTS INSIDE. REFER SEVICING TO QUALIFIED SERVICE PESONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude as to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Safety 1.1

- **Read these instructions** – All the safety and operating instructions should be read before this product is operated.
- **Keep these instructions** – The safety and operating instructions should be retained for future reference.
- **Heed all warnings** – All warnings on the appliance and in the operating instructions should be adhered to.
- **Follow all instructions** – All operating and usage instructions should be followed.

- **Do not use this apparatus near water** – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool and the like.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heaters, stoves, or other apparatus (including amplifiers) that produce heat. Do not place the product in direct sunlight.
- This product is not intended for use by persons (including young children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they are supervised or have been given instructions concerning the use of the product by a person who is responsible for their safety.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.

Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus.

When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

- Unplug the apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified 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 unit has been exposed to rain or moisture, does not operate normally, or has been dropped.

This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

WARNING! Connect to a suitable 220- 240V~ 50/60Hz power supply only. (please confirm)

- The apparatus shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the apparatus.
- Minimum distance around the apparatus for sufficient ventilation is 2 in. (5 cm).
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, and curtains.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Batteries should be recycled or disposed of as per state and local guidelines.
- Use this apparatus in moderate climates.

Caution:

- Use of controls or adjustments or performance of procedures other than those described herein, may result in hazardous radiation exposure or other unsafe operation.
- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus must not be exposed to dripping or splashing and objects filled with liquids, such as vases, must not be placed on apparatus.
- The mains plug/appliance coupler is used as the disconnect device, the disconnect device must remain readily operable.

1.2 Warning

- Caution: Danger of explosion if the battery is incorrectly replaced. Replace only with the same or equivalent type.
- The battery (batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire, or the like.
- Before operating this system, check the voltage of this system to see if it is identical to the voltage of your local power supply.
- Do not place this unit close to strong magnetic fields.
- Do not place this unit on the amplifier or receiver.
- If any solid object or liquid falls into the system, unplug the system and have it checked by qualified personnel before operating it any further.
- Do not attempt to clean the unit with chemical solvents as this may damage the finish. Use a clean, dry or slightly damp cloth.
- When removing the power plug from the wall outlet, always pull directly on the plug, never yank on the cord.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance will void the user's authority to operate the equipment.
- The rating label is pasted on the bottom or back of the equipment.

Battery usage CAUTION

To prevent battery leakage which may result in bodily injury, property damage, or damage to the apparatus:

- Install all batteries correctly, + and - as marked on the apparatus.
- Do not mix old and new batteries.
- Do not mix alkaline, standard (Carbon-Zinc) or rechargeable (Ni-Cd, Ni- MH, etc.) batteries.
- Remove batteries when the unit is not used for a long time.

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

We hereby declare that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

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Dolby Atmos

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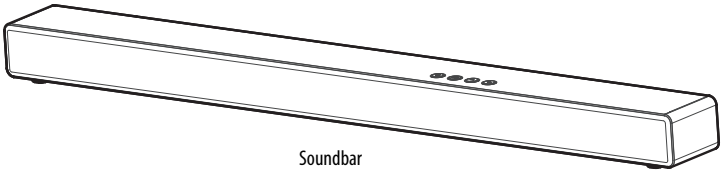
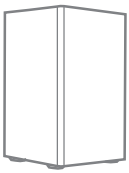
Package contents



Soundbar

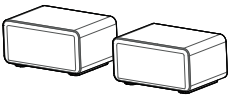
Mounting template



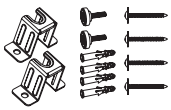
Subwoofer

Remote

AAA battery (2)



Satellite speakers

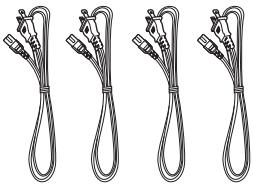


Mounting hardware (for soundbar)

Quick Setup Guide

Note: The image of the Quick Setup Guide will be updated when the final QSG is available.

HDMI cable



AC power cord (4)

Mounting hardware (for satellite speakers)

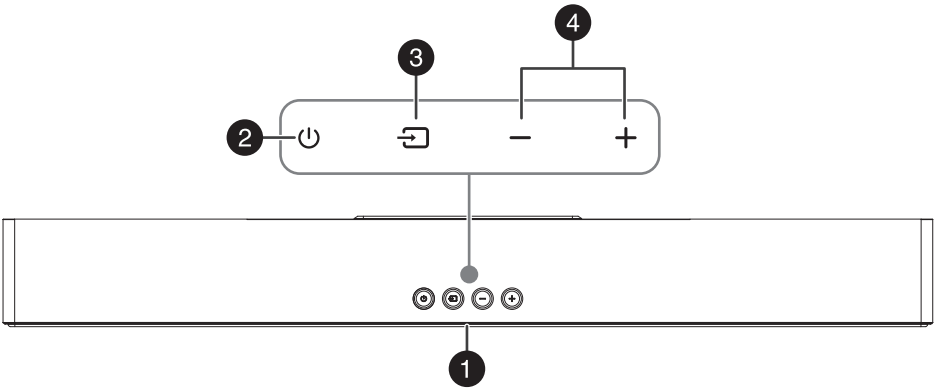
Features

- 5.1.2-channel soundbar delivers a superior listening experience
- Subwoofer provides clearer low-frequency sounds
- Satellite speakers add an extra layer of incredible sound
- 500W of total power for louder, clearer-sounding audio
- Four audio modes (STANDARD, THEATER, NEWS, and NIGHT) provide a customized audio experience

(NOTE TO REVIEWERS: Is this supposed to be Dolby Atmos as the fourth audio mode, as there seems to be no NIGHT mode button on this remote?)

- Versatile hook-up options include Bluetooth, HDMI ARC/eARC, 3.5 mm AUX, digital optical, and USB playback
- Wall-mountable for flexible placement
- Included remote with IR learning capability lets you maintain total control from a distance
- 6 ft. (1.83 m) power cord provides power for your soundbar
- A simple solution to upgrade your home theater system

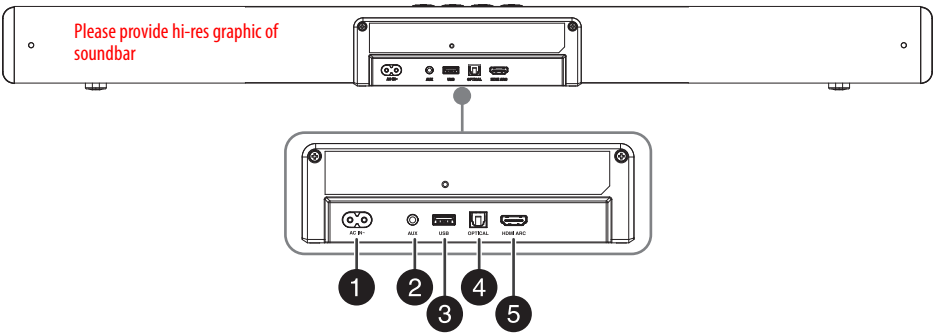
Top view



#	ITEM	DESCRIPTION
1	IR sensor and status indicator LED (on the front)	The IR sensor detects signals from the remote. Do not block. The status indicator LED indicates the following: • Red - Standby mode • Green - Digital optical mode • Yellow - AUX mode • Blue - BLUETOOTH mode • Purple - USB mode • White - HDMI ARC mode
2	⏻ (power) button	Press to turn on your soundbar.
3	(sound source selector) button	Press to cycle through the available sound sources.

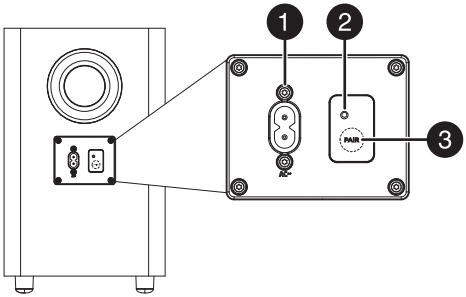
#	ITEM	DESCRIPTION
4	– (volume down) button + (volume up) button	Press – to decrease the volume of your soundbar. Press + to increase the volume of your soundbar.

Back view



#	ITEM	DESCRIPTION
1	**AC** socket	Connect the AC power cord to this socket to power your soundbar.
2	**AUX IN** jack	Connect a 3.5 mm audio cable to this jack.
3	**USB** port	Connect a USB source device to play MP3/WAV files.
4	**OPTICAL** jack	Connect a digital optical cable to this jack and the OPTICAL OUT jack on a TV or audio source device. Set the sound output from the source to the PCM format.
5	**HDMI ARC** jack	Connect an HDMI ARC cable to this jack and the HDMI ARC OUT jack on a TV or audio source device.

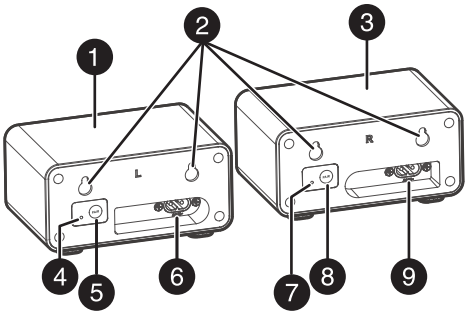
Subwoofer



#	ITEM	DESCRIPTION
1	**AC** socket	Connect the AC power cord to this socket to power your subwoofer.
2	Pairing indicator	Light blinks when pairing with soundbar, stops when paired.
3	**PAIR** button	Press to pair subwoofer with soundbar.

Satellite speakers

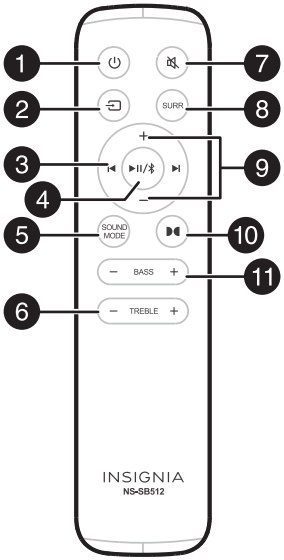
In your review you indicated "let's use brackets". I'm not sure what you mean by that. Please explain.



#	ITEM	DESCRIPTION
1	Right speaker	Speaker should be placed to the right of your TV.
2	Wall bracket notches	Notches in the backs of both of your satellite speakers to accommodate screws to mount on the speakers on a wall.
3	Left speaker	Speaker should be placed to the left of your TV.
4	Pairing indicator	Light blinks when pairing with soundbar, stops when paired.
5	**PAIR** button	Press to pair your satellite speaker with your soundbar.

#	ITEM	DESCRIPTION
6	**AC** socket	Connect the AC power cord to this socket to power your satellite speaker.
7	Pairing indicator	Light blinks when pairing with the soundbar, stops when paired.
8	**PAIR** button	Press to pair your satellite speaker with your soundbar.
9	**AC** socket	Connect the AC power cord to this socket to power your satellite speaker.

Remote

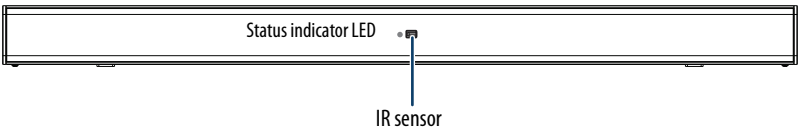


#	ITEM	DESCRIPTION
1	⏻ (power) button	Press to turn on your soundbar.
2	(sound source selector) button	Press repeatedly to cycle through the available sound sources.
3	⏮ / ⏭ (previous/next) buttons	In Bluetooth or USB mode, press to skip to the previous ⏮ or next ⏭ track.
4	⏯ / ᛒ (play/pause/ Bluetooth) button	In Bluetooth or USB mode, press to play, pause/resume playback. Press and hold to activate the pairing mode in Bluetooth mode.

#	ITEM	DESCRIPTION
5	**SOUND MODE** button	Press to select the sound mode. The status indicator on your soundbar blinks in sequence from left to right, accompanied by a voice announcement. **STANDARD** - General music or TV shows listening. **THEATER** - Optimize movie sound for a theater setting. **NEWS** - Optimize spoken voice or dialog for TV news and more. **NIGHT** - Optimize sound for quiet settings.
6	**TREBLE -/+** button	Press to adjust the treble level of your soundbar.
7	(mute) button	Press to mute the sound from your soundbar. Press again to restore the sound.
8	**SURR** (surround sound) button	Press to turn on the surround sound. Press again to turn off the surround sound.
9	**+/–** (volume) buttons	Press to increase or decrease your soundbar's volume.
10	(Dolby Atmos) button	Press to adjust the Dolby Atmos level.
11	**BASS -/+** button	Press to adjust the bass volume level of your soundbar.

Using the remote

Point the remote directly at the IR sensor on the front of your soundbar. You must be within approximately 19.7 ft. (6 m) of your soundbar, with no obstacles between your soundbar and the remote.

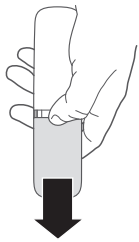


Installing the remote batteries

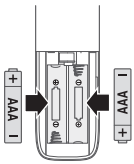
CAUTIONS:

- Be sure to insert the batteries with correct positive "+" and negative "-" polarities, as indicated in the battery compartment.
- Use batteries of the same type. Never use different types of batteries together, and do not mix new batteries with old ones, and do not use any batteries other than those specified.
- Either rechargeable or non-rechargeable batteries can be used. Refer to the precautions on their labels. Never recharge a battery unless it is confirmed to be a rechargeable type.
- Do not drop the remote.
- Do not allow anything to impact the remote.
- Do not spill water or any liquid on the remote.
- Do not place the remote on a wet object.
- Do not place the remote under direct sunlight or near sources of excessive heat.
- Remove the battery from the remote when not in use for a long period of time, as corrosion or battery leakage may occur and result in physical injury, and / or property damage, and/or fire.

1 Remove the battery compartment cover from the back of the remote.



2 Insert two AAA batteries into the battery compartment, making sure that the polarities on the batteries matches the **+** and **-** symbols inside the battery compartment.



3 Replace the battery compartment cover.

Programming another remote

IR remote learning function (optional)

Your soundbar can learn 15 button codes from most remotes, so you can easily control the sound with both the soundbar remote and the TV remote. You can also replace the soundbar remote with another remote.

Programming using the Manual Sequence Learning mode:

1 With the power off, press and hold the ⏻ (power) button on the top of your soundbar for 10 seconds to enter the Manual Sequence learning mode. After entering the learning mode, only the middle orange light will blink twice.

2 Press the button on the soundbar remote that you want to learn. After selecting, the soundbar will enter the IR learning state for the current function, and the middle orange light will change from blinking twice to blinking slowly.

3 Press and hold the button you want to learn on the remote that you want to program for 0.5 seconds (please confirm) until the 1st and 7th white lights illuminate (where are these lights? - please clarify). During the learning process, the middle orange light will remain on.

4 Press and hold the remote control button that needs to be learned again for 0.5 seconds (please confirm) until the 1st, 2nd, 6th, and 7th white lights illuminate (where are these lights? - please clarify). The middle orange light will remain on during this learning process.

5 Press and hold the remote control button that needs to be learned again for 0.5 seconds (please confirm) until the 1st, 2nd, 3rd, 5th, 6th, and 7th white lights illuminate (where are these lights? - please clarify). After the button learning is completed, your soundbar will switch back to the customizable IR learning state, and only the middle orange light will blink twice.

6 Repeat steps 2-5 to bind the function buttons that you want to learn to the new remote.

7 Your soundbar will automatically exit the learning mode if there is no operation for 20 seconds, or you can press and hold the (sound source selector) button on your soundbar for two seconds to exit the learning mode.

-OR-

After learning 15 buttons, IR learning will automatically stop and exit.

Programming using the Preset Sequence Learning mode:

1 Point your soundbar's remote and the remote you want to program within 4 in. (10 cm) of the IR sensor on your soundbar.

2 With the power off, press and hold the (power) button on your soundbar for five seconds to turn on the Preset Sequence Learning mode. The status indicator LED blinks orange slowly and your soundbar starts to learn the buttons in the following sequence: (power) > (Mute)> (sound source) > (Bluetooth) > **+** (volume up) > **-** (volume down) > (prev) > (next)> (play/pause) > **SOUND MODE** > **BASS -** > **BASS +** >**TREBLE -** > **TREBLE +**.

3 Press and hold the remote control button to learn for 0.5 (please confirm) seconds until the 1st and 7th white lights illuminate (where are these lights? - please clarify). During the learning process, the middle orange light will remain on.

4 Press and hold the remote control button that needs to learn again for 0.5 seconds (please confirm) until the 1st, 2nd, 6th, and 7th white lights turn on (where are these lights? - please clarify). The middle orange light will remain on during this learning process.

5 Press and hold the remote control button that requires learning again for 0.5 seconds (please confirm) until the 1st, 2nd, 3rd, 5th, 6th, and 7th white lights turn on (where are these lights? - please clarify). After the button learning is completed, move on to the next button. Only the middle orange light will blink slowly.

6 Repeat steps 3 through 5 to teach additional functions in the sequence to the remote you want to program, or short press the (sound source selector) button on your soundbar so the learning function on the current button will be skipped.

7 Your soundbar will automatically exit the learning mode if there is no operation for 20 seconds, or you can press and hold the (sound source selector) button on your soundbar for two seconds to exit the learning mode.

-OR-

After learning 15 buttons, IR learning will automatically stop and exit.

Deleting all learned remote codes:

- While in standby mode, press and hold the (power) button on your soundbar for 10 seconds to clear all learned codes. The status indicator LED blinks white two times when all the learned remote codes are cleared.

Setting up your soundbar

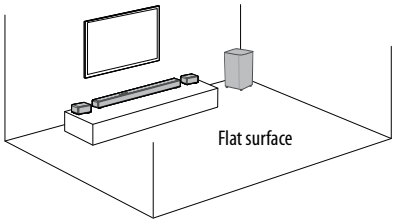
Positioning your soundbar

- Your soundbar is made out of plastic and is therefore sensitive to extreme temperatures and humidity. Do not put it in locations subject to direct sunlight or in humid places, such as near an air conditioner, humidifier, bathroom, or kitchen.
- Do not put water or other liquids close to your soundbar. If liquid is spilled on top of your soundbar, it may be damaged.
- Your soundbar should be placed on a sturdy, flat surface that is free from vibration, or mounted on a wall. Do not put your soundbar on an uneven or unstable surface, where it may fall and get damaged.

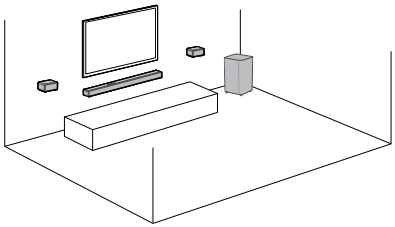
WARNING: Incorrect installation can result in serious injury or damage to your soundbar. If necessary, seek the assistance of a professional.

Note: If you are installing screws into drywall or concrete, use wall anchors (provided) designed for that type of surface.

- If your TV is placed on a table, you can place your soundbar on the table directly in front of the TV stand, centered with the TV screen.
- If your TV is attached to a wall, you can mount your soundbar on the wall directly below the TV screen.



Wall mounted



Positioning your subwoofer

For the best sound results from your subwoofer, it should be placed against a wall or in a corner of the room. The location within the room is less important, because bass tones are omni directional.

Positioning your satellite speakers

Place your satellite speakers to the left and right of your TV. For best results, see the example above.

Mounting your soundbar on a wall (optional)

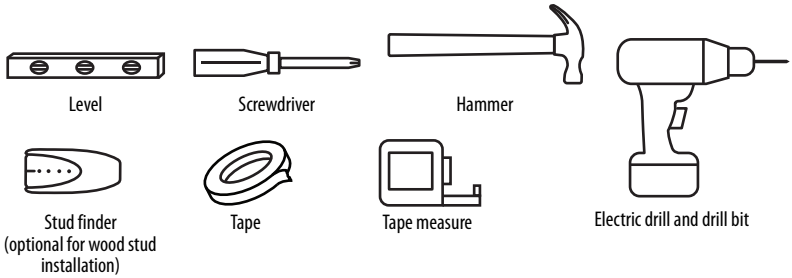
WARNINGS:

- Improper wall mounting may result in accident, injury, or damage. If you have any questions, contact Consumer Care in your country.
- Before wall mounting, make sure the wall can support the weight of your soundbar.
- Depending on the type of wall mounting your soundbar, make sure that you use screws of a suitable length and diameter.
- To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.
- Before attempting to mount the soundbar to a wall, if you are in any way unsure about how or where to mount the soundbar, you should employ a qualified person to install it.

Important:

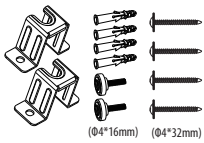
- Make all connections to your soundbar before mounting your soundbar on a wall.
- The hardware supplied with your soundbar may not be suitable for all types of walls. Please consult a professional for advice before drilling any holes, if you are in any doubt.
- Mark the position on the wall that you want the soundbar to be mounted and check that they align with the holes in the brackets before drilling any holes.
- Suggested wall mounting height: 4.9 ft. (1.5 m).
- Before wall mounting, you don't need remove the rubber feet on the bottom of the soundbar. If you do remove them, they cannot be replaced.
- Please check whether the USB port on the back of your soundbar is connected to a USB device. If you find that the connected USB device affects the wall mount, you need to use another USB device of the appropriate size.

You will need (not provided):



You will need (provided):

Mounting template (correct template graphic will be shown when it is finalized)



Mounting hardware (for soundbar)

1. Select a location close to your TV and directly in front of the viewing/listening position. For best sound quality, choose a location where sound waves are not blocked by furniture or other obstacles.
2. If you are mounting your soundbar to drywall, use the stud finder to find the studs and mark the locations.

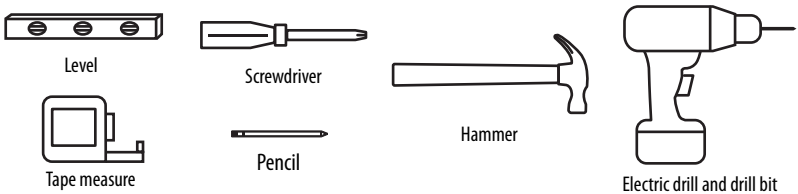
   Note: Since normal stud spacing is 16 in. or 24 in. on center, only one of the mounting screws can be in a stud. Use a wall anchor for the other screw.

3. Place the template at least 2 in. (5 cm) under the center of your TV. Use a level to determine that the mounting template is level, then tape the mounting template to the wall.
4. Using an electric drill, drill four parallel 7/32 in. (5.5 - 6 mm) holes through the holes in the template on the wall. The horizontal distance between the two mounting points on the brackets from your mounting hardware are 37.2 in. (94.6 cm), and the hole distances are 1-1/3 in. (3.32 cm) apart.
5. If you are mounting on drywall without studs or on concrete, install wall anchors (included) into the four holes you drilled.
6. Secure the mounting brackets to the wall with two screws each (included). Tighten the screws, but do not over tighten.
7. Remove the two existing screws from the back of your soundbar and replace with the two wide-head screws from the mounting hardware.
8. Align the screws on your soundbar with the speaker hanging brackets on the wall, then hang your soundbar on the brackets.

   WARNING: Incorrect installation can result in serious injury or damage to your soundbar. If necessary, seek the assistance of a professional.

Mounting your satellite speakers to a wall (optional)

You will need (not provided):

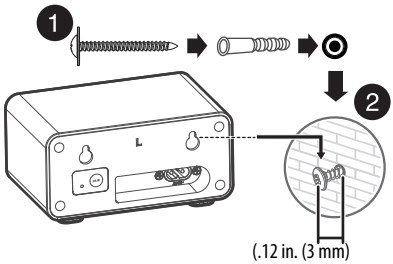


You will need (provided):

Mounting hardware
(for satellite speakers)

> **Note:** Before installing the wall bracket, you need to connect the power cables of the (R/L) satellite speakers.

Your satellite speakers (R /L) can be mounted to a wall using the included wall mount package.



1. Using a tape measure and a level, determine where you want to mount your satellite speakers.
2. Using a pencil, make a single mark where you want each speaker.
3. Using a level and a pencil, make another mark for each speaker XX in. (XX cm) from the first mark (the distance between speaker mounting holes).
4. Using an electric drill, drill four parallel 7/32 in. (5.5 - 6 mm) holes through the wall, where you marked it.
5. If you are mounting on drywall without studs or on concrete, install wall anchors (included) into the four holes you drilled.
6. Install four screws in the holes/anchors (leaving .12 in. (3 mm)) of the screws exposed, then place your speakers on the screws.

Choosing your connection

Look at your sound source device, such as a TV, DVD/Blu-ray player, or cable box, to identify your audio OUT ports. Choose one connection option that fits your sound source. You can connect several devices and switch the sound source as required.