

QUICK SETUP GUIDE

2.1-Channel Wireless Soundbar with Subwoofer

NS-HTSB2123

FEATURES

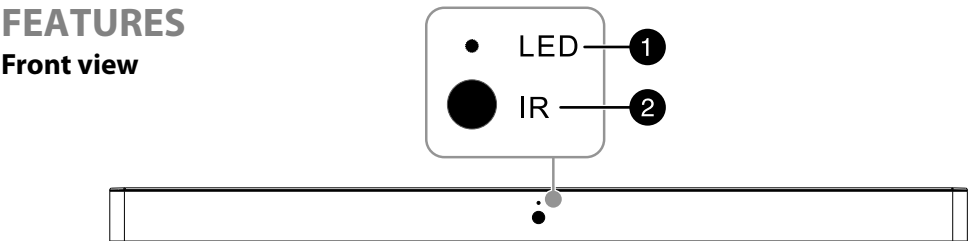
- 2.1-channel soundbar delivers a superior listening experience
- Versatile hook-up options include HDMI ARC, optical digital, 3.5 mm AUX, USB, and Bluetooth streaming
- 120 watts of power provides louder, cleaner-sounding audio
- Wireless subwoofer provides a deep, powerful bass
- HDMI ARC with clear audio streaming, allow your TV remote to control the soundbar's power and volume in sync with your TV
- Bluetooth 5.3 capability with memory pairing, offers streaming functionality
- DTS Virtual: X turns movies, TV shows, and playlists into an immersive, multidimensional audio experience
- DTS TruVolume™ provides a consistent and comfortable volume level for a more enjoyable multimedia experience
- Delicate Night Mode that allows you to hear the dialog clearly even at a low volume
- Three sound modes (Theater, News, and Standard) offer a unique listening experience
- Included remote control lets you have wireless control over your sound
- USB port offers playback for WAV and MP3 files
- Keyholes for wall mounting provide space-saving options

PACKAGE CONTENTS

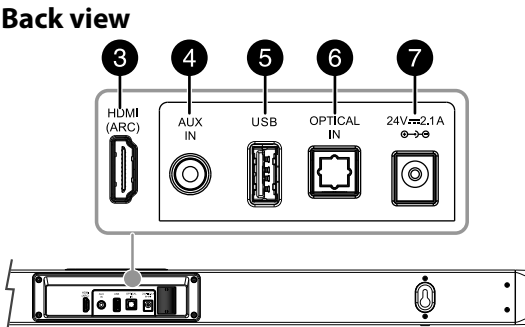
- Soundbar
- Subwoofer
- Power adapter (for soundbar)
- AC power cord (for subwoofer)
- 3.5 mm audio cable
- Optical audio cable
- Mounting screws
- Wall anchors
- Remote control
- AAA batteries (2)
- Mounting template
- Quick Setup Guide

FEATURES

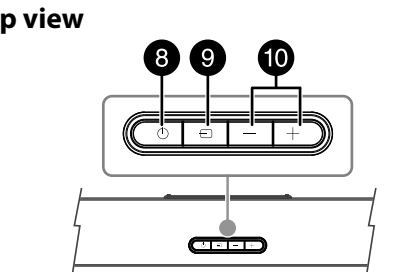
Front view



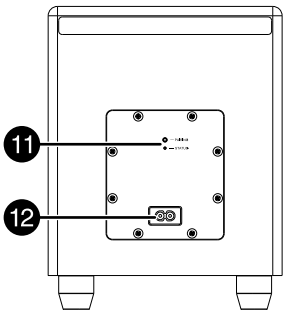
Back view



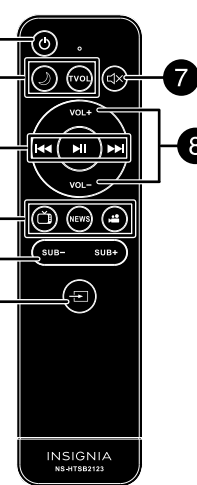
Top view



Subwoofer



Remote control



#	DESCRIPTION	FUNCTION
SOUNDBAR		
1	Status indicator	Indicates the following: <ul style="list-style-type: none">• Red solid: Standby mode• Green solid: Digital Optical mode• Orange solid: AUX IN mode• Blue solid: Bluetooth mode• Purple solid: USB mode• White solid: HDMI ARC mode
2	Remote control sensor	Detects signals from the remote control.
3	HDMI (ARC) jack	Connect an HDMI cable to this jack. Make sure that the sound output from the source is set to PCM format.
4	AUX IN jack	Connect a 3.5 mm audio cable to this jack.
5	USB port	Play WAV and MP3 files from a USB source.
6	OPTICAL IN jack	If your TV (or other audio source device) has an optical out jack, connect a digital optical cable to your source device and this jack. Make sure that the sound output from the source is set to PCM format.
7	Power jack	Connect the power adapter to this jack to power the soundbar.
8	(power) button	Press to turn on your soundbar. Press again to return to standby mode.
9	(audio source selector)	Press to cycle through the available audio sources. (AUX IN > Optical > HDMI ARC > BT > USB)
10	- / + buttons	Press to decrease or increase your soundbar's volume.
SUBWOOFER		
11	PAIRING button and STATUS LED	Press and hold for three seconds to disconnect or reconnect with your soundbar. The indicator LED blinks turquoise in pairing mode and lights solid turquoise when paired. It will light red when in standby mode.
12	AC IN jack	Connect the AC power cord to this jack to power the subwoofer.

#	DESCRIPTION	FUNCTION
REMOTE CONTROL		
1	(power)	Press to turn on your soundbar. Press again to put your soundbar into standby mode.
2	↵ / TVOL buttons	<ul style="list-style-type: none">• Press ↵ to toggle night mode on or off. The status LED blinks turquoise once when on and red once when off. (Night mode allows you to hear the dialog clearly and provides comfortable volume when watching movies or TV shows at night, while not disturbing others.)• Press TVOL to toggle TruVolume mode on or off. The status LED blinks purple once when on and red once when off. (DTS TruVolume™ mode provides a consistent and comfortable volume level for a more enjoyable multimedia experience.) Note: Only one mode can be turned on at a time, the other mode will be turned off automatically.
3	Bluetooth/USB buttons	When a Bluetooth or USB source is selected, press to control playbacks: ⏮ Previous / ⏸ Play/Pause / ⏭ Next / 🔊 PAIR: press and hold the 🔊 Play/Pause key for 3 seconds to disconnect Bluetooth connection.
4	Sound Mode select	Press one of these buttons to select the sound mode: <ul style="list-style-type: none">• Press 📺 (STANDARD) for general music or TV shows.• Press 🗣 (NEWS) to optimize the spoken voice or dialog for TV news.• Press 🎬 (THEATER) to optimize movie sound for a theater setting. The default setting for your soundbar is THEATER mode. (THEATER mode activates the DTS Virtual:X setting, which allows you to hear every detail and transforms any movie, TV show, or playlist into an immersive, multidimensional audio experience.) Note: The status LED blinks white when you select each mode. It blinks turquoise or purple once if ↵ Night mode or TVOL TrueVolume mode is selected.
5	SUB- / SUB+	Press to decrease or increase the volume of your subwoofer.
6	Source	Press repeatedly to cycle through the available audio sources.
7	🔇 Mute	Press to mute the sound from your soundbar. Press again to restore the sound.
8	VOL+ / VOL-	Press to increase or decrease the volume of your soundbar.

CONNECTING YOUR SOUNDBAR

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

Note: Turn off all devices while you are making connections.

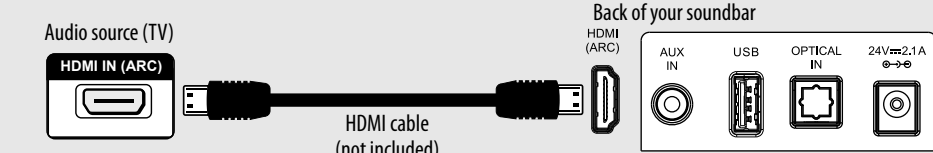
- PICK ONE -

HDMI ARC connection

- 1 Connect an HDMI cable (not included) to the (HDMI) **ARC** jack on your soundbar.
- 2 Connect the other end of the HDMI cable to the HDMI IN (ARC) connection on your TV.
- 3 Make sure that your TV's output settings are correct:
 - a. Turn on your TV's CEC and ARC audio control functions (typically found in system or HDMI settings).
 - b. Change your TV's audio output to the PCM format (typically found in audio settings).

See the documentation that came with your TV for more information.

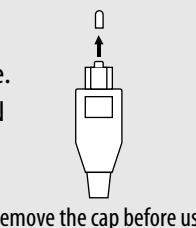
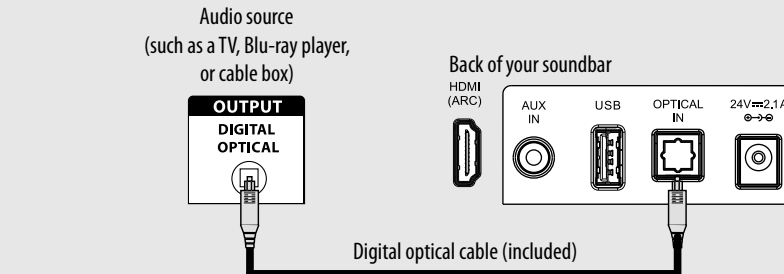
- 4 After your soundbar is plugged in and turned on, press the (audio source selector) button on your soundbar or remote control repeatedly until the source indicator turns white.



- OR -

Digital optical connection

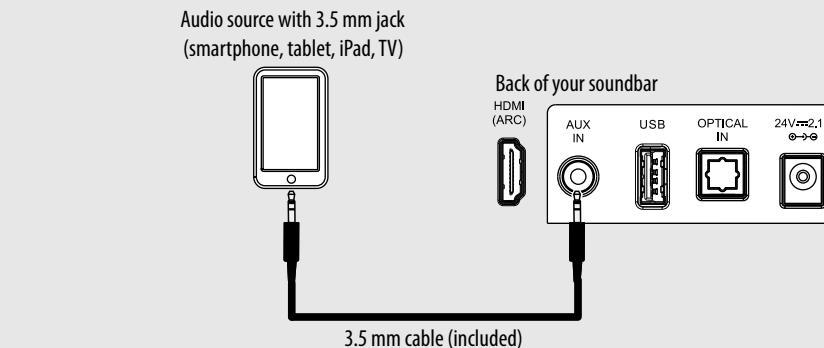
- 1 Remove the caps from both ends of the included optical cable.
- 2 Connect one end of the digital optical cable to the OPTICAL IN jack on your soundbar.
- 3 Connect the other end into the digital optical output jack on your source device.
- 4 Change the device's audio output to PCM format (typically found in audio settings). Refer to the documentation that came with your audio source device for more information.
- 5 After your soundbar is plugged in and turned on, press the (audio source selector) button on your soundbar or remote control repeatedly until the source indicator turns green.



- OR -

AUX IN connection

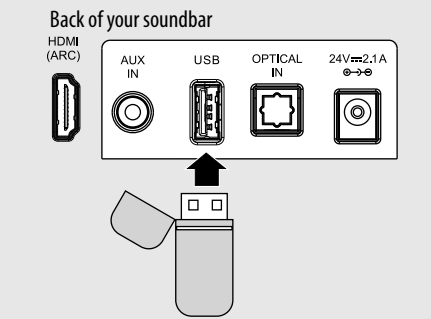
- 1 Connect a 3.5 mm cable to the **AUX IN** jack on your soundbar.
- 2 Connect the other end to a 3.5 mm jack on your audio source device.
- 3 After your soundbar is plugged in and turned on, press the (audio source selector) button on your soundbar or remote control repeatedly until the source indicator turns orange.



USB sound source

Note: If you mount your soundbar on a wall, you cannot use a USB thumbdrive as a sound source.

- 1 Plug a USB thumbdrive (with WAV or MP3 files) into the USB port on the back of your soundbar. FAT16/FAT32/ExFAT files are acceptable.
 - 2 After your soundbar is plugged in and turned on, press the (sound source selector) button on your soundbar or remote control repeatedly until the source indicator turns purple.
 - 3 Control USB playback by pressing the (Play/Pause), (Previous), and (Next) buttons on the remote control.
- Note:** If playback does not begin immediately, press the (Play/Pause) button on the remote control.

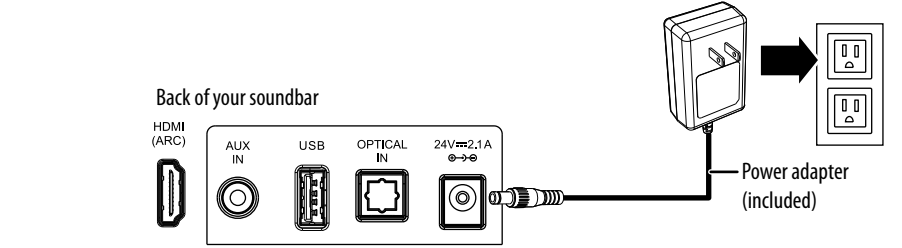


CONNECTING THE AC POWER

IMPORTANT: Before you connect your soundbar to an audio source, you need to connect it to the provided power adapter.

CAUTION: Make sure that the electrical outlet matches the input requirements of the power supply (100-240V, 50/60Hz) before connecting.

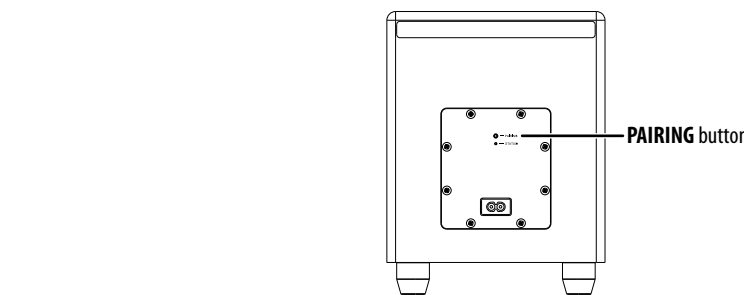
- Plug the power adapter into a power outlet or surge protector.



CONNECTING THE SUBWOOFER

Note: When you turn on your soundbar for the first time, the status indicator lights orange.


- 1 Place your subwoofer within 30 ft. (10 m) of your soundbar.
- 2 Plug in your subwoofer. Your soundbar and subwoofer automatically connect, then the pairing indicator lights solid turquoise on the subwoofer and the appropriate indicator (orange=AUX IN, green=Digital Optical, blue=Bluetooth, white=HDMI ARC, and purple=USB) on your soundbar.



Manually connecting the subwoofer and soundbar

If your subwoofer does not connect automatically to your soundbar, the subwoofer pairing LED slowly blinks turquoise.


To manually pair them:

- 1 Make sure that your soundbar is powered on and positioned next to your subwoofer.
- 2 Press and hold the  (source selector) button on your soundbar for three seconds. The soundbar enters pairing mode and its LED blinks turquoise quickly.
- 3 Press and hold the PAIRING button on the subwoofer for three seconds. The subwoofer enters pairing mode and its LED blinks turquoise quickly.
- 4 The soundbar and subwoofer should pair automatically. The soundbar's LED lights solid based on the selected source. The subwoofer's LED lights solid turquoise.

CONNECTING YOUR SOUNDBAR USING BLUETOOTH

Before you can use your soundbar with a Bluetooth device, you need to pair your device to your soundbar. After your soundbar is plugged in and turned on, do the following:


Pairing your devices

- 1 Turn on your soundbar.
- 2 Place the Bluetooth device within 30 ft. (10 m) of your soundbar.
- 3 Select **Bluetooth** as the input source by pressing the  (audio source selector) button on your soundbar or remote control. The status indicator blinks blue.
- 4 Navigate to your device's Bluetooth settings, turn on Bluetooth, then search for available devices. For additional information on pairing your device, see your device's documentation.
- 5 On your Bluetooth device, select **NS-HTSB2123** from the device list. Repeat steps 1 and 2 if **NS-HTSB2123** is not displayed. When pairing is complete, the LED lights solid blue.

Notes:

- When you turn on your soundbar (with Bluetooth selected as the sound source), it automatically connects to the last connected device if that device is in range. To connect to a different paired device, turn off Bluetooth or unpair from the currently paired device and manually connect to the other paired device.
- Some devices, such as an iPhone, connect immediately after pairing so the status indicator on your soundbar remains on. Other devices, such as notebook computers, may ask you if you want to connect. In this instance, the status indicator continues to blink until a connection is established.

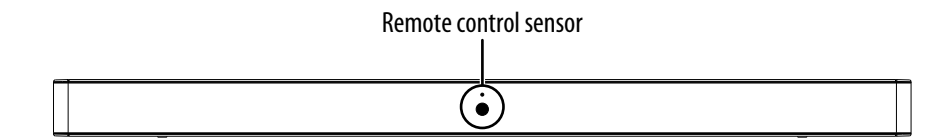
Disconnecting your devices

Turn off the Bluetooth function on your device or press and hold the  button on the remote for three seconds. When your soundbar is not paired to a device, the LED indicator blinks.




USING YOUR SOUNDBAR

Using the remote control

- 1 Install two AAA batteries into the battery compartment.
- 2 Point the remote control directly at the remote control sensor on the front of your soundbar. You must be within approximately 26 ft. (8 m) of your soundbar.



Listening to your soundbar


- 1 Press the  (power) button to turn on your soundbar. The source indicator turns from red to the color of whichever audio source is selected (green=optical, orange=AUX IN, blue=Bluetooth, white=HDMI ARC, and purple=USB).
- 2 Turn on the audio source device connected to your soundbar and begin playback.
- 3 Press the  (audio source selector) button on your soundbar or remote control repeatedly until you hear sound from your soundbar.
Note: If you use the **OPTICAL** or **HDMI ARC** connection, you must change your device's audio output setting to "PCM" format. Refer to the manual you received with the output device for additional information.
- 4 Adjust the volume on your soundbar or the audio source to a comfortable level.
WARNING: Continuous use of high-volume sound may permanently damage your hearing.
- 5 Press the  (power) button again to turn off your soundbar. The status indicator lights red.


IR REMOTE LEARNING FUNCTION (OPTIONAL)

Your soundbar can learn 15 button codes from most remote controls, 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.


Note: If the status indicator blinks orange, your soundbar can't learn the button code. Try another button or another remote control.



Programming using the Manual Sequence Learning Mode

- 1 Point your soundbar's remote control, and the remote you want to program, within 4 in. (10 cm) of the remote control sensor on your soundbar.
- 2 Press and hold the soundbar's  button (on the top side button panel, not on the remote) for five seconds to turn on the Manual Sequence Learning mode. The status indicator blinks red rapidly and the soundbar starts to learn.
- 3 Press the button on your soundbar's remote control that you want the other remote control to learn. The status indicator blinks blue once and then blinks red slowly.
- 4 Press the button on the other remote control you want to teach. The status indicator blinks green once and then blinks red quickly. The soundbar has learned the code and matched step 3 button function to this remote button.


Repeat steps 3 and 4 to learn and match more remote button functions you want. The soundbar will exit learning mode after 20 seconds, or you can press and hold the  button on the soundbar for two seconds to stop learning mode.

Programming using the Preset Sequence Learning Mode

- 1 Point your soundbar's remote control and the remote you want to program within 4 in. (10 cm) of the remote control sensor on your soundbar.
- 2 Press and hold your soundbar's  button (on the right-side button panel, not on the remote) for two seconds to turn on the Preset Sequence Learning mode. The status indicator blinks red slowly and your soundbar starts to learn the buttons in the following sequence: VOL -, VOL+, MUTE, POWER, Bass-, Bass+ Theater, Standard, News, Nightmode, TrueVolume, Source, PLAY/PAUSE, Previous, Next.
- 3 Press the next remote control button in the sequence and the status indicator blinks blue once when your soundbar receives this button.
- 4 Press the same button again. The status indicator blinks green once when your soundbar learns that function in the preset sequence to this remote button.

Repeat steps 3 and 4 to have your remote learn more functions or press the  button on the soundbar to skip learning the current button. The soundbar will automatically exit learning mode if there is no operation for 10 seconds, or you can press and hold the  button on the soundbar for two seconds to exit learning mode.

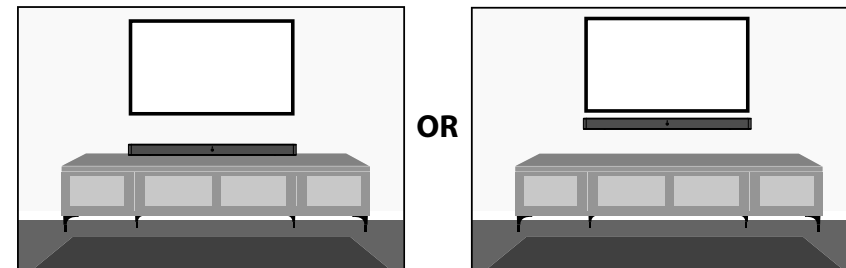
Deleting all learned remote codes

Press and hold the power button  for 10 seconds to clear all learned codes. The status indicator blinks white two times when all the learned remote codes are deleted.

POSITIONING YOUR SOUNDBAR

WARNING: Incorrect installation can result in serious personal 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.
- You can set your soundbar on a flat surface or mount it on a wall.



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.

MOUNTING YOUR SOUNDBAR

If you want to mount your soundbar below a wall-mounted flat screen TV, purchase a soundbar mounting kit, then follow the instructions provided.

TROUBLESHOOTING

PROBLEM:

- The remote control does not work.

SOLUTION:

- Remove any obstacles between the remote control and the remote control sensor on your soundbar.
- Replace the batteries in the remote control.
- Move closer to your soundbar. The remote control is only effective within approximately 16 ft. (5 m) of your soundbar and within 30° on either side.

PROBLEM:

- My TV does not work with the soundbar through HDMI (ARC).




SOLUTION:

- Make sure that the HDMI cable (not included) is securely plugged into **HDMI (ARC)** jacks on your TV and soundbar. HDMI jacks without ARC won't work.
- Make sure that your TV's HDMI CEC and ARC audio control functions (typically found in system or HDMI settings) are on, and that audio output (typically found in audio settings) is set to the PCM format.
- Change your soundbar to another source input, then back to ARC mode.
- Set your TV's source input to HDMI ARC, then back to the previous source.
- Turn your TV off, then back on.
- If your soundbar indicators blink in different colors, set your TV's audio output (typically found in audio settings) to the PCM format.

PROBLEM:

- The sound is breaking up or buzzing.
- There is no sound or very little sound is coming from your soundbar.

SOLUTION:

- Make sure that you are connected to an audio OUT jack on your sound source. The jack does not send audio out if it is an INPUT jack.
- If you are using the OPTICAL or HDMI connection, make sure that the source device's audio source is set to "PCM" format. Refer to the documentation you received with the audio source device (such as a TV or DVD/Blu-ray player) for additional information.
- Connect to a different source device (such as a TV or DVD/Blu-ray player) to see if the buzzing still occurs. If it does not, this may indicate an issue with the original source device.
- Make sure that the sound source device is outputting sound to your soundbar.
- Make sure that the correct audio source is selected. Press the source  button repeatedly on the remote or the sound source selector button  on your soundbar to switch to the correct audio source.
- Make sure that the volume level is not muted. Press the  (mute) button on the remote control again to restore the sound output.

PROBLEM:

- There is no sound or low volume in Bluetooth mode.

SOLUTION:

- Make sure that your Bluetooth device is turned on, Bluetooth is turned on, and **NS-HTSB2123** is selected.
- Turn up the volume on your soundbar.
- Turn up the volume on your Bluetooth device.
- Make sure that your Bluetooth device is not muted.
- Make sure that you are playing music from your Bluetooth device.
- Make sure that your Bluetooth device is not paired to a different Bluetooth speaker or other device.

PROBLEM:

- I can hear sound from both my TV and my soundbar.

SOLUTION:

- Turn off or mute the internal speakers of your TV. Refer to the TV's manual for instructions.

PROBLEM:

- The subwoofer won't connect or has no/low volume.

SOLUTION:

- The wireless subwoofer is set at the factory so that your soundbar and subwoofer should link automatically when your soundbar is turned on. However, if the link indicator does not light when your soundbar and subwoofer are both powered on, or if your soundbar has been serviced recently, you need to re-pair the two devices.
- Make sure that the subwoofer is next to soundbar.
- Press the **SUB +** or **SUB -** buttons on the remote to adjust the subwoofer volume.

SPECIFICATIONS

Designs and specifications are subject to change without notice.

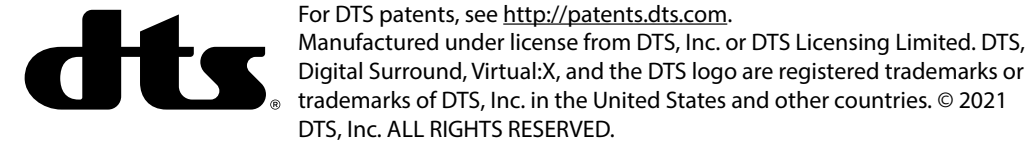
- **Power output:** Soundbar: Left and right channel: RMS 25W x2 (THD 1%)
Subwoofer: RMS 70W (THD 1%)
- **System Frequency Response:** 50Hz~20KHz
- **Speaker dimensions:** Soundbar: 2 × 4.2 in. (5.08 × 10.67 cm)
Subwoofer: 6.5 in. (16.5 cm)
- **Soundbar adaptor (provided):** AC 100~240V input, 24V/2.1A output
- **Subwoofer power cord (provided):** AC 100V~240V
- **Soundbar dimensions (H×W×D):** 2.51 × 36.93 × 4.57 in. (6.4 × 93.8 × 11.6 cm) includes feet and mounts
- **Subwoofer dimensions (H×W×D):** 10.2 × 7.87 × 11.65 in. (25.9 × 20 × 29.6 cm) includes feet
- **Soundbar weight:** 6.38 lbs (2.9 kg)
- **Subwoofer weight:** 9.83 lbs (4.47 kg)

ONE-YEAR LIMITED WARRANTY

Visit www.insigniaproducts.com for details.

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