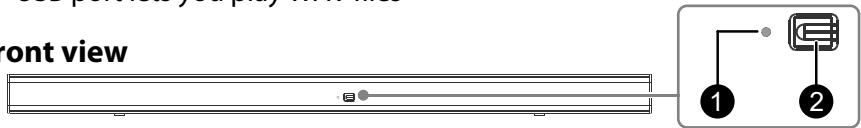# INSIGNIA™

QUICK SETUP GUIDE
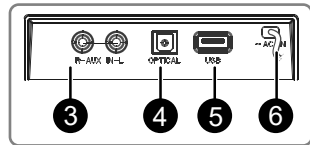
2.1-Channel Soundbar System

NS-SBAR21F20

FEATURES

- Low-profile soundbar can be wall mounted
- Wireless subwoofer delivers high-quality bass
- Bluetooth wirelessly streams audio from your Bluetooth-enabled device
- Three digital sound fields optimize your audio
- Versatile connection options
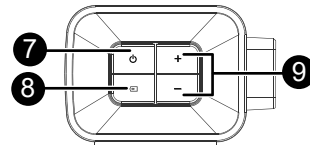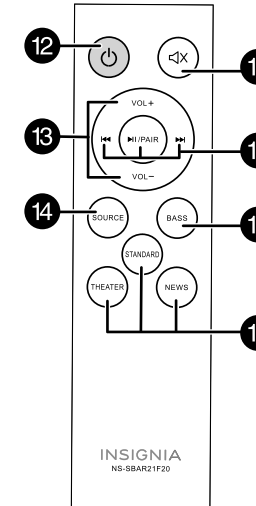- USB port lets you play WAV files
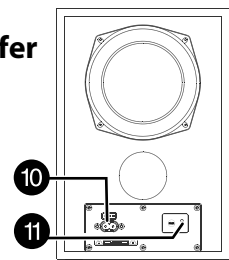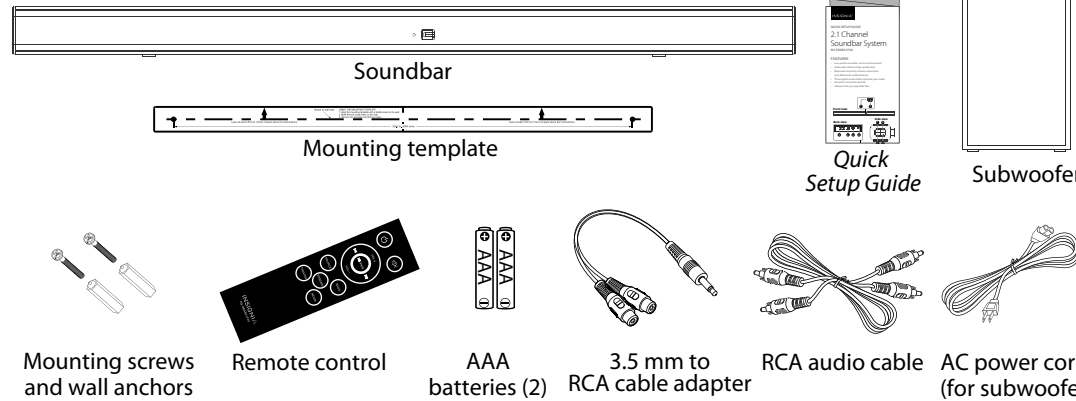
Front view

Back view   **Side view**

Remote control

Subwoofer

PACKAGE CONTENTS

Soundbar

Mounting template

Quick Setup Guide

Subwoofer

Mounting screws and wall anchors

Remote control

AAA batteries (2)

3.5 mm to RCA cable adapter

RCA audio cable

AC power cord (for subwoofer)

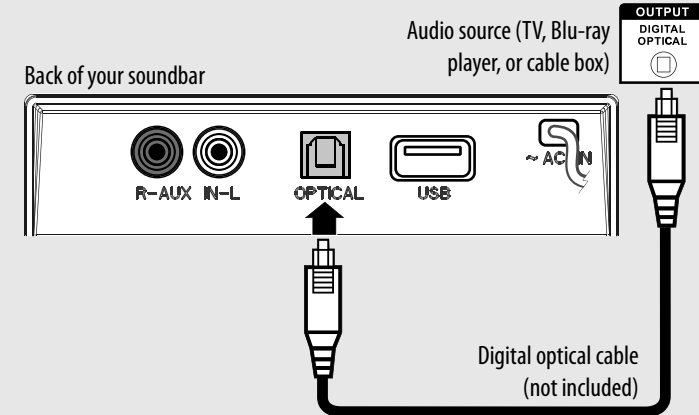| #	DESCRIPTION	FUNCTION
	SOUNDBAR	
1	Status indicator	Different color LEDs indicate: • **Green** - Digital optical • **Blue** - Bluetooth • **Red** - Standby mode • **Yellow** - AUX IN • **Purple** - USB
2	Remote control sensor	Detects signals from the remote control.
3	AUX IN jacks	Connect an RCA audio cable to these jacks, red to red and white to white.
4	OPTICAL jack	If your TV (or other audio source device) has an Optical out jack, connect a digital optical cable (not included) to your source device and this jack. Make sure that the sound output from the source is set to PCM format.
5	USB port	Play WAV files from a USB source.
6	AC power cord	Connect the AC power cord to a power outlet to power your soundbar.
7	(power) button	Press to turn on the soundbar. Press again to put your soundbar into standby mode.
8	(sound source selector)	Press to cycle through the available sound sources. Press and hold for three seconds to pair the soundbar with the subwoofer if they are disconnected.
9	+ / - buttons	Press to increase or decrease your soundbar's volume.
	SUBWOOFER	
10	AC IN jack	Connect the AC power cord to this jack to power the subwoofer.
11	PAIR button and indicator LED	Press and hold for three seconds to disconnect or re-connect with the soundbar. The indicator LED blinks turquoise in pairing mode and lights solid turquoise when paired.
	REMOTE CONTROL	
12	(Power) button	Press to turn on the soundbar. Press again to put your soundbar into standby mode.
13	VOL +/-	Press to increase or decrease your soundbar's volume.
14	SOURCE	Press repeatedly to cycle through the available sound sources.
15	(mute)	Press to mute the sound from your soundbar. Press again to restore the sound.
16	Bluetooth /USB buttons	When a Bluetooth or USB source is selected, you can control playback with these buttons: (previous) (play/pause) (next) **PAIR:** Press and hold for three seconds to disconnect Bluetooth
17	BASS	Press to activate the bass frequency enhancement then use VOL +/- buttons to adjust the bass volume level in 10 seconds. The status indicator on your soundbar blinks turquoise when activated
18	Sound Mode Buttons	Press to select the sound mode.The status indicator on your soundbar blinks white three times when activated. **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 similar programs.

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① CONNECTING THE 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 ports.

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.

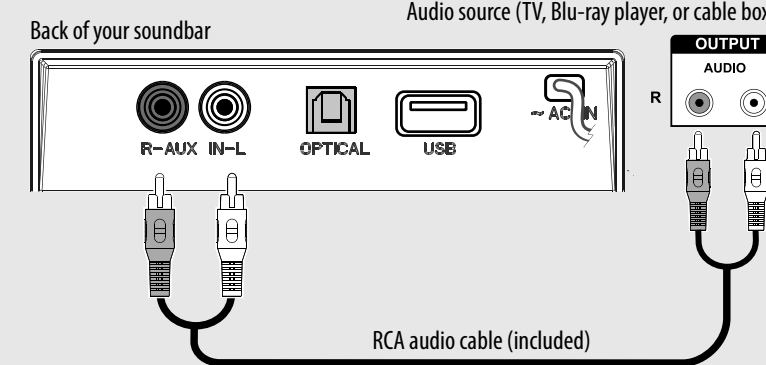| AUDIO QUALITY	JACK TYPE (on source device)	CABLE
BEST		Digital optical cable (not included)
GOOD		RCA audio cable (included)
GOOD		3.5 mm audio cable (adapter included)

- PICK ONE -

Digital connection (BEST)

1. Connect one end of the digital optical cable (not included) to the **OPTICAL** jack on your soundbar.
2. Connect the other end into the **Digital Optical Output** port on your audio source device.
3. 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.
4. Press the (sound source selector) button on your soundbar or the **SOURCE** button on the remote control repeatedly until the source indicator turns green.
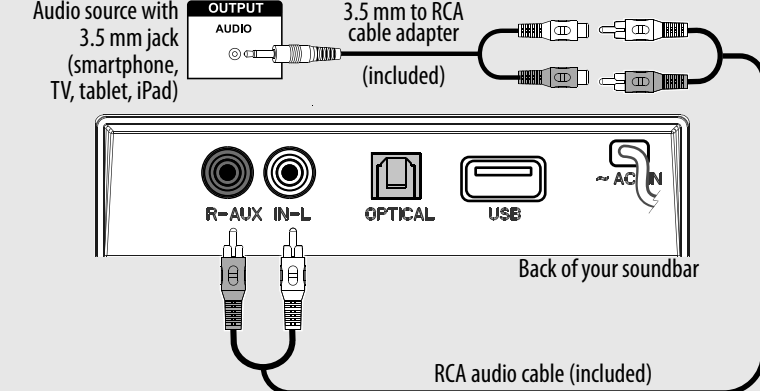
- OR -

RCA connection (GOOD)

1. Connect the red and white RCA connectors on the RCA audio cable to the **AUX IN** jacks on your soundbar.
2. Connect the other end into the RCA audio **OUTPUT** jacks on your audio source device.

Note: Make sure that the cable ends match the color of the ports.

3. Press the (sound source selector) button on your soundbar or the **SOURCE** button on the remote control repeatedly until the source indicator turns yellow.

- OR -

3.5 mm connection (GOOD)

1. Connect the red and white RCA connectors on the RCA audio cable connectors to the **AUX IN** jacks on your soundbar, then connect the other end to the 3.5 mm jacks on the RCA adapter (included).
2. Connect the other end of the adapter to the **headphone** or **AUX Output** on your audio source device.
3. Press the (sound source selector) button on your soundbar or the **SOURCE** button on the remote control repeatedly until the source indicator turns yellow.
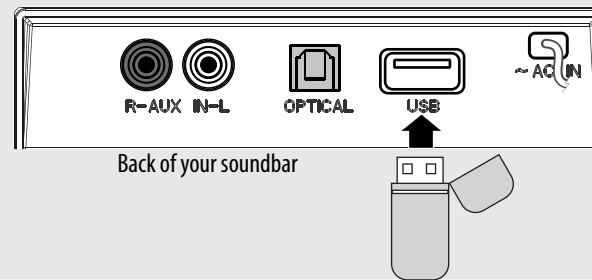

Audio source (TV, Blu-ray player, or cable box)

Back of your soundbar

Digital optical cable (not included)

Audio source (TV, Blu-ray player, or cable box)

Back of your soundbar

RCA audio cable (included)

Audio source with 3.5 mm jack (smartphone, TV, tablet, iPad)

3.5 mm to RCA cable adapter (included)

Back of your soundbar

RCA audio cable (included)

USB connection

Note: If you mount your soundbar on a wall, you will not be able to use a USB flash drive as a sound source.

1. Plug a USB flash drive (with WAV files) into the USB port on the back of your soundbar.
2. Plug in your soundbar, then turn it on.
3. Press the (sound source selector) button on your soundbar or the **SOURCE** button on the remote control repeatedly until the source indicator turns purple.
4. Control USB playback by pressing the (play/pause) **PAIR**, (previous), and (next) buttons on the remote control.

Note: If playback does not begin immediately, press the (play/pause)/**PAIR** button on the remote control.
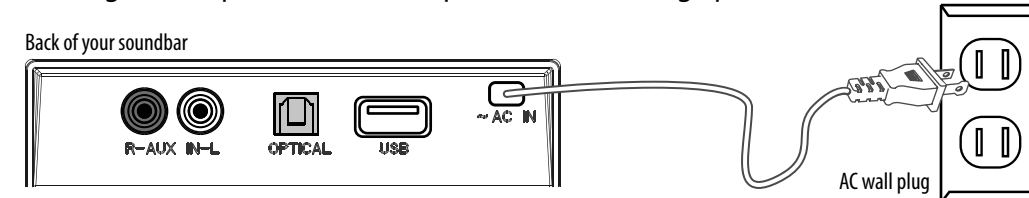

Back of your soundbar

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② CONNECTING THE AC POWER

Cautions:
- Make sure that the electrical outlet matches the input requirements of 100-240 V, 50/60 Hz before connecting.
- Plug in the AC power cord only after all other connections have been made.

1. Plug the AC power cord into a power outlet or surge protector.

Back of your soundbar

AC wall plug

CONNECTING THE SUBWOOFER

1. When you turn on your soundbar for the first time, the status indicator blinks turquoise.
2. Plug in your subwoofer. The pairing indicator blinks turquoise. The soundbar and subwoofer automatically connect, then the pairing indicator turns solid turquoise on the subwoofer and the appropriate indicator (yellow=AUX IN, green=Digital Optical, blue=Bluetooth, and purple=USB) on the soundbar.

Manually connecting the subwoofer and soundbar

If the pairing indicator on the subwoofer blinks turquoise, the subwoofer did not automatically connect to your soundbar.

1. Make sure that your soundbar is already powered on and positioned next to the subwoofer.
2. Press and hold the **PAIR** button on the subwoofer for three seconds. It should reconnect to the soundbar within two minutes. The subwoofer LED lights solid turquoise when connected.
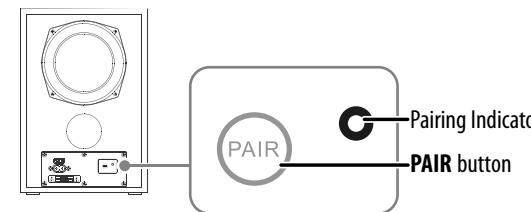   OR
   Press and hold the button on the soundbar (not on the remote control) for three seconds. The soundbar's LED blinks turquoise, then lights solid when the subwoofer connects.

Disconnecting the subwoofer and soundbar

Press and hold the PAIR button on the subwoofer for three seconds. The pairing indicator blinks turquoise. Disconnecting lets the subwoofer pair with the previous or new soundbar (NS-SBAR21F20).

Note: When disconnected, your Bluetooth device list may show the subwoofer name NS-SBAR21F20SW, but it only lets your soundbar (NS-SBAR21F20) pair. The subwoofer cannot be connected by your Bluetooth device.

Pairing Indicator

PAIR button

CONNECTING YOUR SOUNDBAR USING BLUETOOTH (OPTIONAL)

Pairing your devices

1 Turn on your soundbar.

2 Place your Bluetooth device within 30 ft. (10 m) of your soundbar.

3 Select ✳ Bluetooth as the input source by pressing the ⟲ (sound source selector) button on the soundbar or **SOURCE** button on the 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-SBAR21F20** from the device list. Repeat steps 1-4 if **NS-SBAR21F20** is not displayed.

6 If a PIN code is requested, enter **0000**.
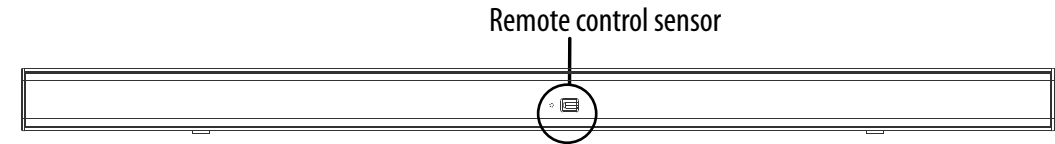
7 When pairing is complete the LED lights solid blue.

Notes:
- Some devices, such as an iPhone, connect immediately after pairing so the Bluetooth indicator on your soundbar remains on. Other devices, such as notebook computers, may ask you if you want to connect. In this instance, the Bluetooth indicator continues to blink until a connection is established.
- When you turn on your soundbar, 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.
- When a call is received while playing music through a phone, the music stops automatically.
- When you hang up, depending on the setting of your phone, the current track may resume playback.

Disconnecting your devices

- Turn off the Bluetooth function on your device.
  Note: For more information about using Bluetooth, see the online *User Guide*.

3 USING YOUR SOUNDBAR
Using the remote control

1 Install the 2 AAA batteries in the battery compartment before using the remote control for the first time.

2 Point the remote control directly at the remote control sensor on the front of the soundbar. You must be within approximately 26 ft. (8 m) of your soundbar.

Remote control sensor

Listening to your soundbar

1 Press the ⏻ (Power) button on your soundbar or remote control. The power indicator turns off and the source indicator lights.

2 Turn on the audio source connected to your soundbar and begin playback.

3 Press the ⟲ button on your soundbar repeatedly to select the audio source or press the selected source button on the remote control until you hear sound from your soundbar.
   Note: If you use the **OPTICAL** connection, you must change your device's audio output setting to PCM format. Refer to the manual that came with your audio source device for additional information.

4 Adjust the volume on your soundbar or the audio source device to a comfortable level.
   WARNING: Continuous use of high volume sound may permanently damage your hearing.

5 Press the ⏻ (Power) button to turn off your soundbar. The power indicator lights red.

4 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

Check this list for a possible troubleshooting solution before calling for service:
1-877-467-4289 (U.S. and Canada)
Also, check the online FAQs at www.insigniaproducts.com.

PROBLEM	POSSIBLE SOLUTIONS
The power does not come on.	• Make sure that the AC power cords is securely plugged into the power outlet and the soundbar and subwoofer. • Make sure that your soundbar is turned on. It does not turn on automatically when you turn on your TV or other sound source.
The remote control does not work.	• Remove any obstacles between the remote control and the IR sensor on the soundbar. • The remote control batteries may be exhausted, replace them. • Move closer to the soundbar. The remote control is only effective to approximately 26 ft. (8 m) of the soundbar and within 30° on either side.
The sound is breaking up or buzzing.	• 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. • Make sure that all connections are secure and cables are not broken or damaged. • If you are using the OPTICAL 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, etc.) 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. • Use a different connection method (for example, try Optical instead of AUX IN) between the soundbar and the source device to make sure the jacks on both devices are still working. • Make sure that the audio cable you are using is not damaged or broken. Try using another one.
There is no sound or very low-level sound heard from the soundbar.	• 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. • Make sure that the volume level of the soundbar is set to an adequate level. • If you are using Bluetooth, turn up the volume on your Bluetooth device. • If you are using Bluetooth, make sure that your Bluetooth device is not paired with a device other than the soundbar. • Make sure that the volume level is not muted. Press the 🔇 (mute) button on the remote control again to restore the sound output. • Make sure that the correct audio source is selected. Press the **SOURCE** button repeatedly on the remote or the ⟲ (sound source selector) button on the soundbar to switch to the correct audio source. • Make sure that the power is on and all connections are secure. • Make sure that the volume is turned up on your sound source. • If you are using the OPTICAL 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, etc.) for additional information. • Make sure that the audio cable you are using is not damaged or broken. Try using another one. • Make sure that the sound source device is outputting sound to the soundbar.

PROBLEM	POSSIBLE SOLUTIONS
There is no sound or low volume in Bluetooth mode.	• Make sure that your Bluetooth device is turned on, Bluetooth is turned on, and **NS-SBAR21F20** 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 you have selected the Bluetooth source on your soundbar. • Make sure that your soundbar is not paired to another Bluetooth device. • Make sure that your Bluetooth device is not paired to a different Bluetooth speaker or other device.
I can hear sound from both my TV and my soundbar.	• Turn off or mute the internal speakers of your TV. Refer to the TV's manual for instructions.
My TV remote does not control my soundbar.	• If you are using a universal remote control, make sure that it is programmed to your soundbar. • Universal remotes only control your soundbar's volume. Use the controls on your soundbar or the remote that came with it to change the soundbar's audio source or sound mode. • Make sure that you aim your universal remote at the remote sensor on the front of your soundbar. • Make sure that you select the correct source on your universal remote.
My soundbar won't connect to my Bluetooth device.	• Shorten the distance between your soundbar and your Bluetooth device. • Turn your devices off, then on. Re-pair your soundbar and your Bluetooth device. • Make sure that your soundbar is not paired to another Bluetooth device. • Make sure that your soundbar and Bluetooth device are both in pairing mode. • Make sure that your Bluetooth device is not paired to any other device. • Make sure that you have selected **NS-SBAR21F20** on your Bluetooth device.
The wireless subwoofer is not connected.	• The wireless subwoofer is set at the factory so that the soundbar and subwoofer should link automatically when the soundbar is turned on. However, if the link indicator does not light when the 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.
My Bluetooth device keeps unpairing.	• Shorten the distance between your soundbar and your Bluetooth device. • If the battery on your Bluetooth device is low, recharge the battery.
NS-SBAR21F20 does not appear on my Bluetooth device.	• Shorten the distance between your soundbar and your Bluetooth device. • Put your soundbar into pairing mode, then refresh your list of Bluetooth devices. For more information, see the documentation that came with your Bluetooth device. • Make sure that your Bluetooth device is visible to other devices. For more information, see the documentation that came with your Bluetooth device.
The sound is lagging or I hear an echo.	• Turn off or mute the internal speakers of your TV. Refer to the TV's manual for instructions.