

Samsung HW-Q700B/ZA

SAMSUNG HW-Q700B 3.1.2ch Soundbar User Manual

Model: HW-Q700B/ZA

1. INTRODUCTION

The SAMSUNG HW-Q700B 3.1.2ch Soundbar is designed to enhance your audio experience with immersive surround sound. Featuring Wireless Dolby Atmos, DTS:X, and advanced sound technologies like Q-Symphony and SpaceFit Sound, this soundbar delivers dynamic and optimized audio for movies, music, and gaming. This manual provides essential information for setting up, operating, and maintaining your soundbar system.



Figure 1.1: The SAMSUNG HW-Q700B 3.1.2ch Soundbar with its wireless subwoofer.

2. WHAT'S IN THE BOX

Carefully unpack your soundbar system and ensure all components are present:

- SAMSUNG HW-Q700B Soundbar
- Wireless Subwoofer
- Remote Controller
- Remote Control Batteries (AAA x 2)
- HDMI Cable
- Power Cords (for Soundbar and Subwoofer)
- Wall Mount Kit (Brackets and Screws)
- User Manual (this document)

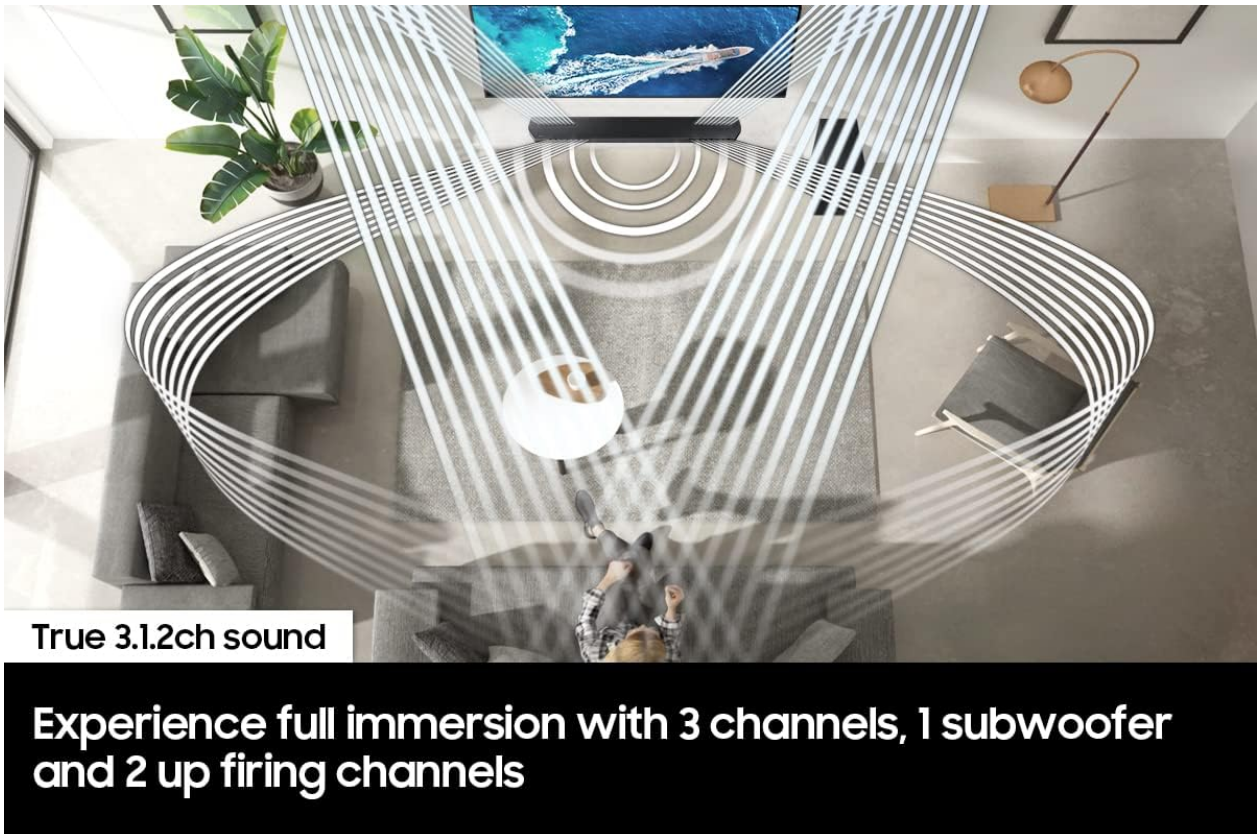


Figure 2.1: Included components of the HW-Q700B Soundbar system.

3. SETUP AND INSTALLATION

Follow these steps to set up your SAMSUNG HW-Q700B Soundbar for optimal performance.

3.1 Connecting the Subwoofer

The wireless subwoofer automatically connects to the soundbar when both are powered on. If the connection is not established, manually pair them:

1. Place the subwoofer in your desired location, ensuring it is within range of the soundbar.
2. Connect the subwoofer's power cord to an electrical outlet.
3. If the blue LED indicator on the subwoofer is not solid, press the ID SET button on the back of the subwoofer with a pointed object for 5-6 seconds until the indicator blinks quickly.
4. With the soundbar powered off, press and hold the Up button on the soundbar's remote control for 5-6 seconds.
5. The soundbar display will show 'ID SET' and then 'PAIRING'. Once connected, the subwoofer's blue LED will become solid.

3.2 Connecting to your TV

You can connect your soundbar to your TV using an HDMI cable (recommended for Dolby Atmos) or wirelessly via Bluetooth or Wi-Fi.

HDMI eARC Connection (Recommended)

For the best audio quality, especially with Dolby Atmos, use an HDMI cable to connect to your TV's HDMI eARC/ARC port.

1. Connect one end of the HDMI cable to the **HDMI OUT (TV-eARC/ARC)** port on the soundbar.
2. Connect the other end of the HDMI cable to the **HDMI IN (eARC/ARC)** port on your TV.
3. Turn on the soundbar and TV. Ensure the TV's audio output is set to HDMI ARC/eARC.

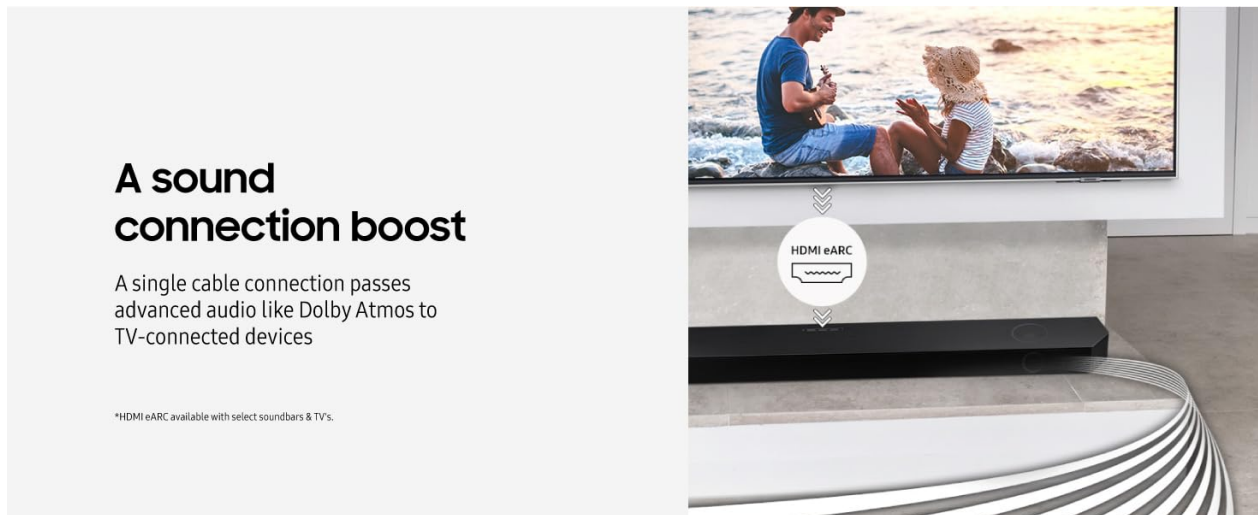


Figure 3.1: Connecting the soundbar to a TV using an HDMI eARC cable.

Wireless Connection (Bluetooth/Wi-Fi)

For wireless audio, you can connect via Bluetooth or Wi-Fi. Wi-Fi connection offers higher quality audio and SmartThings app control.

- **Bluetooth:** Press the **PAIR** button on the remote or the **Source** button on the soundbar until 'BT PAIRING' appears. On your TV, navigate to Sound Output settings and select your soundbar from the Bluetooth Speaker List.
- **Wi-Fi (SmartThings App):** Download and open the SmartThings app on your smartphone. Ensure your phone is connected to the same Wi-Fi network as your TV. The app should detect the soundbar. Follow the on-screen prompts to connect and register your soundbar.

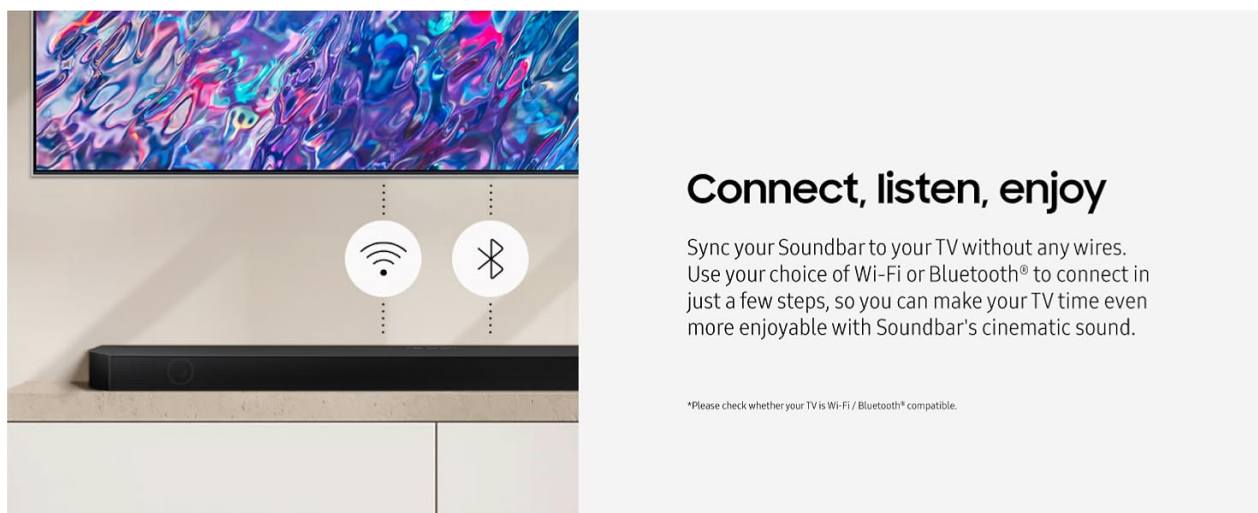


Figure 3.2: Wireless connection options for the soundbar, including Wi-Fi and Bluetooth.

3.3 Wall Mounting (Optional)

If you wish to wall-mount your soundbar, use the provided wall mount kit and follow these general steps:

1. Determine the optimal mounting position below your TV.
2. Use the wall mount guide (template) to mark the screw positions on the wall.
3. Drill pilot holes and insert the wall anchors (if necessary).
4. Attach the wall mount brackets to the soundbar using the provided screws.
5. Securely mount the soundbar to the wall using the appropriate screws.

4. OPERATING INSTRUCTIONS

Control your soundbar using the included remote, the SmartThings app, or voice commands.

4.1 Remote Control Functions

The remote control allows you to power on/off, adjust volume, change input sources, and select sound modes.

- **Power (Red Button):** Turns the soundbar on or off.
- **Source (Square with arrow):** Cycles through input sources (HDMI, BT, Wi-Fi, D.IN).
- **Volume (+/-):** Adjusts the main volume level.
- **Woofer (+/-):** Adjusts the subwoofer volume level.
- **Sound Mode:** Selects different sound modes (Standard, Surround, Game Pro, Adaptive Sound).
- **Mute:** Mutes or unmutes the sound.

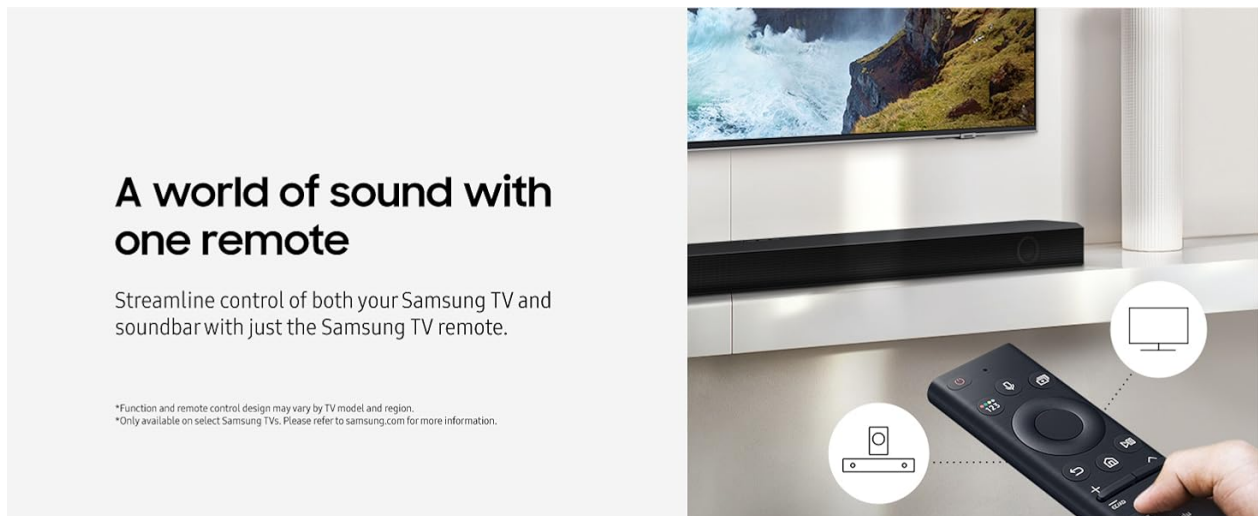


Figure 4.1: The soundbar can be controlled with the included remote or a compatible Samsung TV remote.

4.2 Voice Control

The soundbar has built-in voice assistant capabilities (e.g., Alexa) for hands-free control. Ensure your soundbar is connected to your home network and the voice assistant is configured through the SmartThings app.



Command action from your soundbar with just your voice

With Alexa built-in, use all of Alexa's functionalities like playing music, delivery notifications, weather updates and more. Or simply pair to an iPhone or other iOS device to stream your favorite content using AirPlay.

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*This Samsung Soundbar supports AirPlay 2 and requires iOS 11.4 or later version.

Figure 4.2: The soundbar supports voice control via built-in Alexa and streaming via Apple AirPlay.

5. KEY FEATURES

The HW-Q700B Soundbar offers a range of features for an enhanced audio experience:

5.1 Wireless Dolby Atmos & DTS:X

Experience multi-dimensional sound that moves around and above you without the need for HDMI cables. This feature provides an immersive, cinematic audio experience.



World's first brand with wireless Dolby Atmos connection

Surround sound soars with Dolby Atmos and DTS Virtual:X. The built-in wireless Dolby Atmos connection from Samsung Smart TV-to-soundbar allows 3D sound reach new heights projecting audio overhead and all around the room.

*Wireless Dolby Atmos transmission via Wi-Fi, works with select 2022 Samsung TVs
*Dolby Atmos and Virtual:X source content required.

Figure 5.1: The soundbar supports Wireless Dolby Atmos and DTS:X for immersive audio.

5.2 True 3.1.2ch Sound

The soundbar features 3 channels, a powerful subwoofer, and 2 up-firing speakers to place you at the center of the action with rich, detailed sound.



Figure 5.2: Illustration of 3.1.2 channel sound projection in a room.

5.3 Q-Symphony

Synchronize your soundbar with compatible Samsung TV speakers to create an even richer, more enveloping soundstage, enhancing your cinematic experience.

Q Soundbar & Samsung TV, in perfect harmony

Perfectly synchronized audio from both Samsung TV speakers and soundbar speakers that tracks with each scene for the most harmonious, cinematic experience.

*Q-Symphony is compatible with select 2020 - 2022 Samsung TV's. Soundbar must be connected to TV via HDMI, optical cable or Wi-Fi to enable Q-Symphony function.



Figure 5.3: Q-Symphony technology integrates sound from the TV and soundbar.

5.4 SpaceFit Sound

The soundbar automatically analyzes your room's acoustics and calibrates the sound to perfectly fill your space, providing optimized audio tailored to your environment.

Optimized sound to suit your space

Automatically calibrates sound to properly fill your space when paired with a Samsung QLED TV*.

*SpaceFit Sound is compatible with 2021 & 2022 Samsung QLED TV's (Q70+ and above).

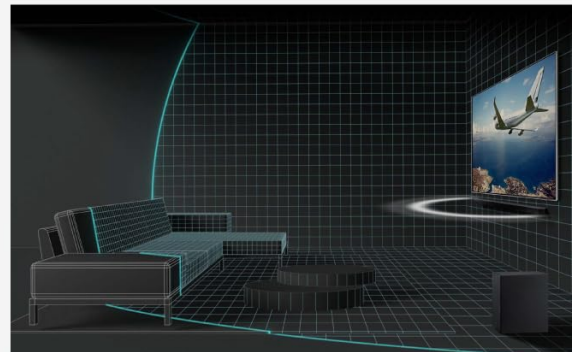


Figure 5.4: SpaceFit Sound adapts audio output to the specific room layout.

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Video 5.1: This video demonstrates how SpaceFit Sound analyzes your room to provide optimal audio.

5.5 Adaptive Sound

Enjoy dynamically optimized audio with enhanced voice clarity, ensuring you can follow dialogue clearly during action-packed games and blockbuster films.



Sound optimized for each scene

Forget rewinding to catch what was said. Enjoy dynamically optimized audio with enhanced voice clarity for whatever you are watching, including sports, games, movies and more.

Figure 5.5: Adaptive Sound optimizes audio for clear dialogue in various content.

5.6 Game Pro Mode

Boost your gaming experience with 3D audio that moves all around you. Acoustic Beam and powerful woofers automatically sync sound with on-screen action for instant reactions.



Hear better. Play better.

Level up with 3D directional audio from up-firing speakers. Acoustic Beam® and powerful woofers automatically sync sound with the on-screen action, while crosstalk cancellation minimizes distractions.

*Compatible with select TVs and select gaming consoles (e.g. Xbox X, PS5).
*Game console sold separately.

Figure 5.6: Game Pro Mode enhances gaming audio with directional sound.

5.7 AirPlay 2 & Tap Sound

Stream music directly from your iPhone or other iOS device using AirPlay 2. For compatible Samsung mobile devices, simply tap your phone to the soundbar to mirror music instantly with Tap Sound.

Simply tap and play

Mirror music from your phone to your soundbar for uninterrupted, seamless listening with just a tap.

*Tap sound is only compatible with select Samsung mobile devices, with Android 8.1 and above.
Tap Sound requires SmartThings app to activate and set up.
*This service only works when Soundbar and mobile are on.



Figure 5.7: Tap Sound allows instant music mirroring from compatible smartphones.

6. MAINTENANCE

To ensure the longevity and optimal performance of your soundbar, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the soundbar and subwoofer. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure adequate ventilation around the soundbar and subwoofer to prevent overheating. Do not block any ventilation openings.
- **Placement:** Avoid placing the soundbar or subwoofer in direct sunlight, near heat sources, or in areas with high humidity.
- **Firmware Updates:** Periodically check for firmware updates through the SmartThings app or Samsung's official website to ensure your device has the latest features and bug fixes.

7. TROUBLESHOOTING

If you encounter issues with your soundbar, refer to the following common troubleshooting steps:

- **No Power:** Ensure both the soundbar and subwoofer are properly plugged into working power outlets. Check the power cords for any damage.
- **No Sound:**
 - Verify the correct input source is selected on the soundbar.
 - Check the volume levels on both the soundbar and your TV.
 - If using HDMI ARC/eARC, ensure your TV's audio output is set to HDMI ARC/eARC and the HDMI cable is securely connected.
 - If using Bluetooth/Wi-Fi, ensure the connection is active and stable.
- **Subwoofer Not Connecting:** Refer to Section 3.1 for manual subwoofer pairing instructions.
- **Sound Distortion:** Try reducing the volume. Check for any physical obstructions around the speakers. Ensure the sound mode is appropriate for the content.
- **Remote Control Not Working:** Check the remote control batteries and replace them if necessary. Ensure there are no obstructions between the remote and the soundbar.
- **Audio/Video Sync Issues:** Some TVs or source devices may have audio delay settings that can be adjusted to synchronize audio and video.

If the issue persists after trying these steps, please contact Samsung customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	HW-Q700B/ZA
Brand	Samsung
Number of Audio Channels	3.1.2
Speaker Maximum Output Power	200 Watts
Connectivity Technology	Wired, Wireless (Bluetooth, Wi-Fi)

Audio Output Mode	Surround
Item Dimensions (D x W x H)	4.7"D x 43.7"W x 2.4"H
Item Weight	23.6 Pounds
Subwoofer Connectivity	Wireless
Signal-to-Noise Ratio	70 dB
Control Method	Voice, Remote Control
Compatible Devices	Cellphones, Headphones, Television

9. WARRANTY AND SUPPORT

9.1 Manufacturer's Warranty

This SAMSUNG HW-Q700B Soundbar is covered by a **1 Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your product packaging or visit the official Samsung website.

9.2 Customer Support

For further assistance, technical support, or service inquiries, please contact Samsung Customer Service:

- **Online Support:** Visit the official Samsung support website for FAQs, troubleshooting guides, and software downloads.
- **Phone Support:** Refer to your product documentation or the Samsung website for local contact numbers.