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› [SAMSUNG HW-B650 3.1ch Soundbar w/Dolby 5.1 DTS Virtual:X, Bass Boosted, Built-in Center Speaker, Bluetooth Multi Connection, Voice Enhance & Night Mode, Subwoofer Included, 2022,Black](#)

Samsung HW-B650

SAMSUNG HW-B650 3.1ch Soundbar User Manual

Model: HW-B650 | Brand: Samsung

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your SAMSUNG HW-B650 3.1ch Soundbar. Please read it thoroughly before using the product and keep it for future reference. This soundbar system delivers captivating 3D audio with Dolby Digital 5.1 and DTS Virtual:X, enhanced bass, and clear dialogue through its built-in center speaker. It supports Bluetooth multi-connection and offers features like Voice Enhance and Night Mode for an optimized listening experience.

SAFETY INFORMATION

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- Do not expose this apparatus to rain or moisture.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

WHAT'S IN THE BOX

Verify that all components are included in your package:

- Soundbar Unit
- Wireless Subwoofer
- Remote Controller
- Battery for Remote Controller
- Optical Cable
- Wallmount Kit



Image: The complete SAMSUNG HW-B650 system, including the soundbar, wireless subwoofer, and remote control, laid out to show all included components.

SETUP

1. Placement

- Place the soundbar centrally below your TV. Ensure it has clear line of sight for the remote control.
- Position the wireless subwoofer anywhere in the room, preferably near the soundbar, for optimal bass performance. Ensure it is within range of the soundbar for wireless connection.

2. Connections

- **Optical Cable:** Connect the included optical cable from the DIGITAL AUDIO OUT (OPTICAL) port on your TV to the OPTICAL IN port on the soundbar.
- **HDMI (ARC):** If your TV supports HDMI ARC, connect an HDMI cable from the HDMI ARC port on your TV to the HDMI OUT (TV-ARC) port on the soundbar. This allows for TV control of the soundbar volume.
- **Bluetooth:** For wireless audio from mobile devices, enable Bluetooth on your device and select 'Samsung Soundbar HW-B650' from the list of available devices.

3. Power

- Connect the power cord to the soundbar and then to a wall outlet.
- Connect the power cord to the wireless subwoofer and then to a wall outlet. The subwoofer will automatically pair with the soundbar.



Subwoofer Included

Discover rich bass like never before

Image: The soundbar positioned below a television on a media console, with the wireless subwoofer placed to the side, demonstrating a typical home setup.

OPERATING

Basic Controls

- **Power:** Press the Power button on the remote or soundbar to turn the unit on/off.
- **Volume:** Use the Volume +/- buttons on the remote to adjust the sound level.
- **Input Source:** Press the Source button on the remote or soundbar to cycle through available input sources (D.IN, HDMI, BT).

Key Features

Dolby Digital 5.1 DTS Virtual:X

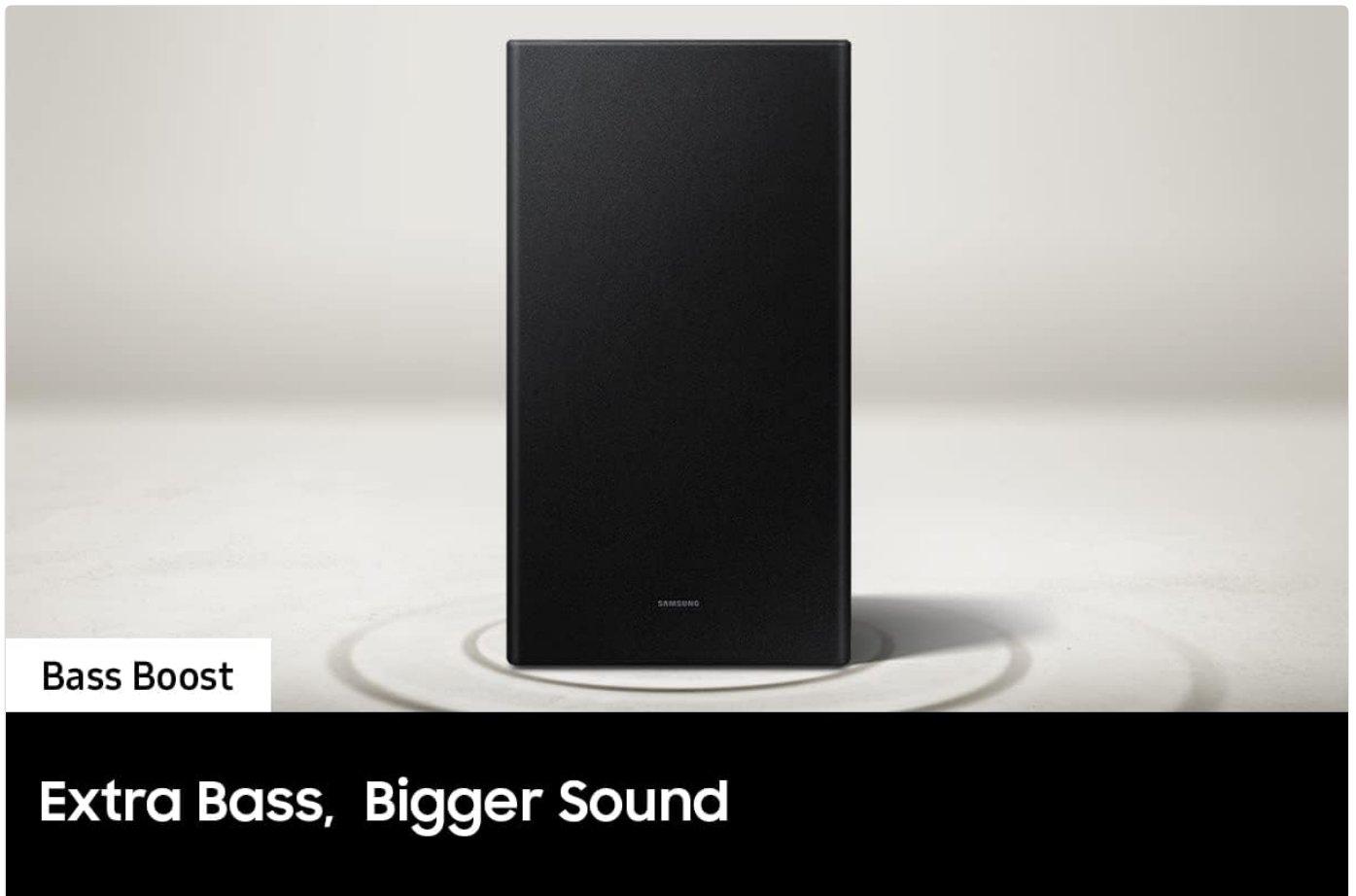
Experience multi-directional sound that draws you into the action, creating a captivating 3D audio environment.



Image: A living room scene with a soundbar and TV, illustrating sound waves expanding outwards to create a realistic 3D audio experience.

Bass Boost

Enhance the low-frequency effects with a dedicated Bass Boost button on the remote, providing deeper and richer bass.



Bass Boost

Extra Bass, Bigger Sound

Image: The wireless subwoofer, highlighting its capability to deliver extra bass and a bigger sound experience.

Built-in Center Speaker

The dedicated center channel speaker ensures crisp and clear dialogue, so you won't miss a single word, even during intense action scenes.



Built-in Center Speaker

Center channel for clear dialogue

Image: The soundbar positioned below a TV, with sound waves indicating clear dialogue projection from the built-in center speaker.

Adaptive Sound Lite

Enjoy optimized audio with enhanced voice clarity across various content types, from movies and music to games.



Adaptive Sound Lite

Optimized sound for various content

Image: The soundbar in front of a TV displaying an orchestra, with icons representing music, movies, and gaming, indicating optimized sound for various content.

Bluetooth Multi-Connection

Connect two smart devices simultaneously to the soundbar via Bluetooth, allowing for easy switching between audio sources.

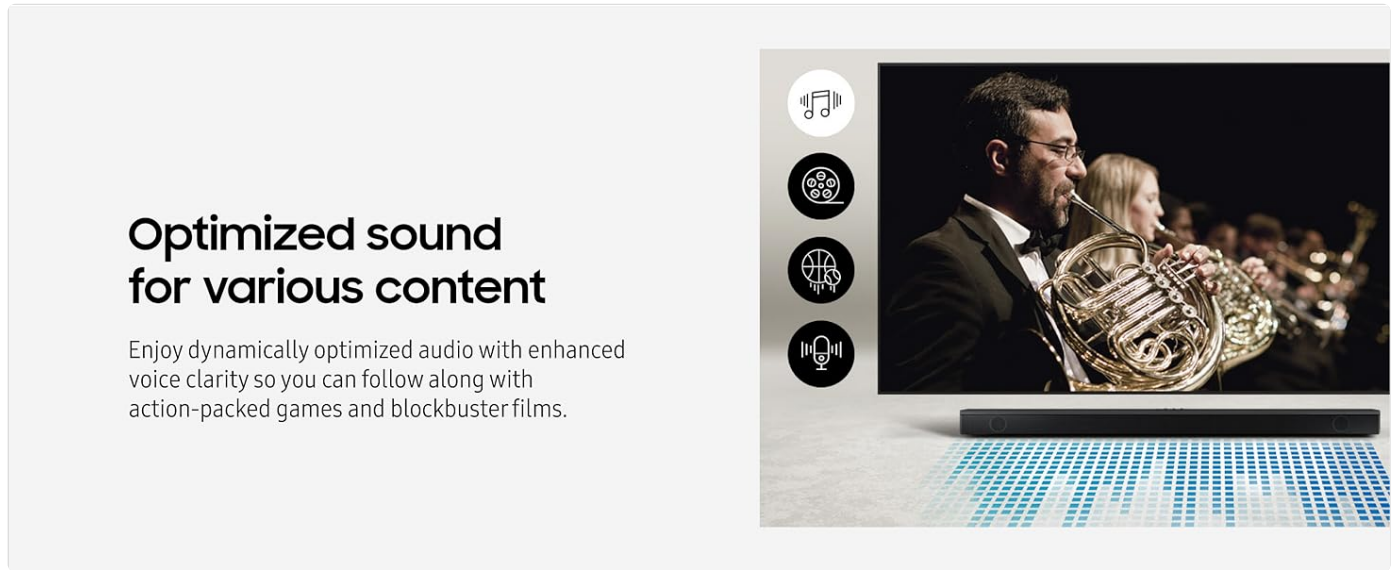


Image: The soundbar on a surface with two mobile phones and a Bluetooth symbol, illustrating the multi-connection capability.

Voice Enhance & Night Mode

Voice Enhance optimizes the equalizer and amplifies dialogue for clearer speech. Night Mode lowers the volume and compresses bass to prevent disturbing others during quiet hours.

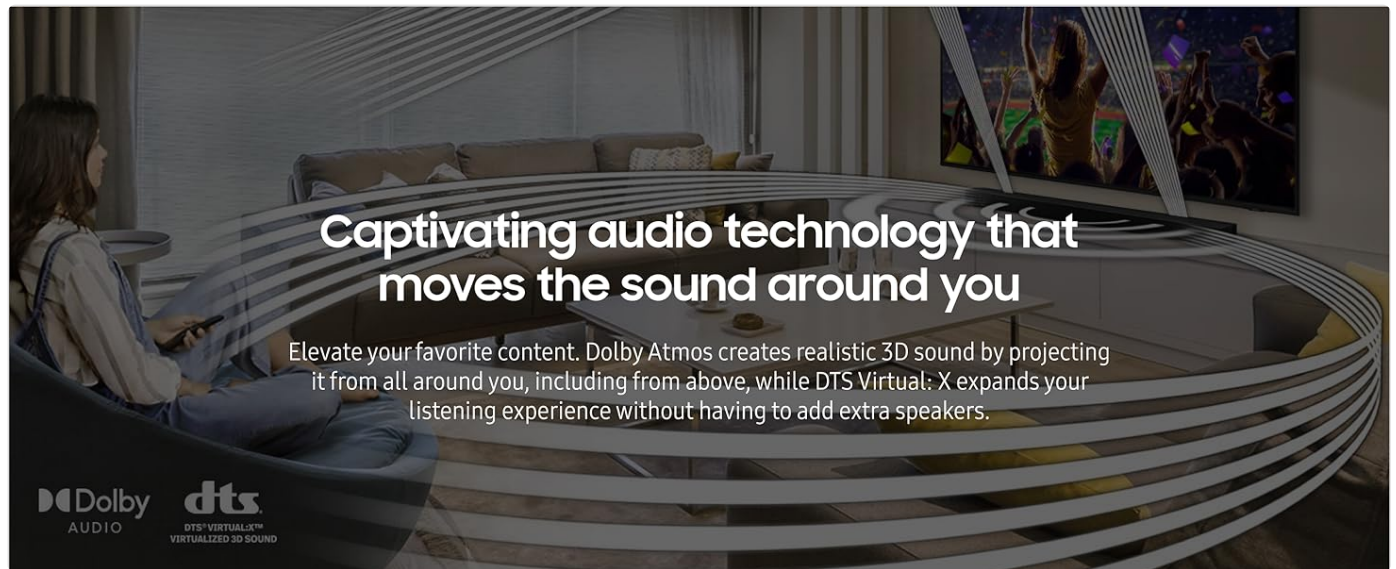


Image: The soundbar below a TV showing people conversing, with sound waves indicating enhanced voice clarity, representing Voice Enhance and Night Mode features.

One Remote for Total Control

Control both your Samsung TV and the soundbar, including volume, with just the Samsung OneRemote for streamlined operation.



Bluetooth® Multi-Connection

Connect two smart devices simultaneously and share the sound tower with ease. No more jumping back and forth, just deciding what's next.

Image: A hand holding a Samsung OneRemote, with icons for a TV and soundbar, demonstrating unified control over both devices.

Wireless Surround Sound Compatible

Easily connect to optional Samsung wireless rear speakers (sold separately) to expand your audio setup to a full 5.1 channel surround sound system without messy wires.



Voice Enhanced & Night Mode

Voice Enhance Mode optimizes the equalizer to maximize voice clarity. Night mode will lower the bass to prevent disturbing others while they sleep.

Image: A person relaxing while watching TV, with sound waves extending from the soundbar to optional wireless rear speakers, illustrating room-filling surround sound.

MAINTENANCE

To ensure the longevity and optimal performance of your soundbar:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the soundbar and subwoofer. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure that the ventilation openings are not blocked. Proper airflow prevents overheating.
- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet and store it in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your soundbar, refer to the table below for common problems and solutions:

| Problem | Possible Cause | Solution |
|----------------------------|---|--|
| No power | Power cord not connected or outlet issue. | Check power connections to soundbar, subwoofer, and wall outlet. Try a different outlet. |
| No sound | Incorrect input source, volume too low, or cable issue. | Select correct input source (D.IN, HDMI, BT). Increase volume. Check optical/HDMI cable connections. Ensure TV audio output is set to external speakers. |
| Subwoofer not connecting | Subwoofer not powered on or out of range. | Ensure subwoofer is plugged in and powered on. Move subwoofer closer to the soundbar. Manually pair if necessary (refer to full user manual). |
| Remote control not working | Batteries depleted or obstruction. | Replace remote batteries. Ensure no obstructions between remote and soundbar. Point remote directly at the soundbar's sensor. |
| Sound is distorted | Volume too high or audio source issue. | Lower the volume. Check the audio source for distortion. Try a different audio source. |

SPECIFICATIONS

Key technical specifications for the SAMSUNG HW-B650 Soundbar:

| Feature | Detail |
|--------------------------------------|--|
| Model Name | HW-B650/ZA |
| Speaker Type | Soundbar |
| Surround Sound Channel Configuration | 3.1 |
| Connectivity Technology | Bluetooth, Optical, HDMI |
| Wireless Communication Technology | Bluetooth |
| Subwoofer Connectivity | Wireless |
| Product Dimensions (Soundbar) | 4.1"D x 40.6"W x 2.3"H |
| Item Weight | 18.1 Pounds (Total) |
| Included Components | Remote Controller, Optical Cable, Wallmount Kit, Battery for Remote Controller |
| Special Features | Bass Boost, ENERGY STAR® Certified, Dolby Digital 5.1 / DTS Virtual:X, Built-In Center Speaker |

WARRANTY & SUPPORT

Your SAMSUNG HW-B650 Soundbar comes with a Limited Warranty. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official Samsung support website.

- **Official User Manual (PDF):** For comprehensive instructions and detailed diagrams, you can download the official user manual [here](#).
- **Customer Support:** For technical assistance, troubleshooting beyond this guide, or warranty claims, please contact Samsung Customer Service.