

## VIZIO SB3851-C0

# VIZIO SB3851-C0 38-Inch 5.1 Channel Sound Bar System User Manual

Model: SB3851-C0

## INTRODUCTION

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This manual provides essential information for the safe and efficient operation of your VIZIO SB3851-C0 38-Inch 5.1 Channel Sound Bar System. Please read these instructions thoroughly before using your product and retain them for future reference. This system includes a 38-inch sound bar, a wireless subwoofer, and two satellite speakers, designed to deliver a comprehensive 5.1 channel surround sound experience.



Figure 1: VIZIO SB3851-C0 38-Inch 5.1 Channel Sound Bar System. This image displays the main sound bar unit, the wireless subwoofer, and the two satellite speakers.

## 1. SETUP

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### 1.1 Unpacking and Component Check

Carefully remove all components from the packaging. Ensure all items listed below are present:

- VIZIO 38-Inch Sound Bar (SB3851-C0)
- Wireless Subwoofer
- Two Satellite Speakers
- Remote Control with Batteries
- Power Cables (for Sound Bar and Subwoofer)
- RCA to RCA Audio Cable (for Satellite Speakers)
- Digital Optical Cable
- Stereo RCA to 3.5mm Audio Cable
- Wall Mount Brackets and Screws

- Quick Start Guide (this manual provides detailed instructions)

## 1.2 Speaker Placement

Optimal placement is crucial for the best surround sound experience.

- **Sound Bar:** Place the sound bar centrally below your TV. Ensure it is not obstructed.
- **Wireless Subwoofer:** Position the subwoofer anywhere in the room. For best bass response, try placing it in a corner or near a wall. The subwoofer connects wirelessly to the sound bar.
- **Satellite Speakers:** Connect the satellite speakers to the wireless subwoofer using the provided RCA cables. Place the satellite speakers behind your primary listening position, one to the left and one to the right, facing towards the listening area.

*Figure 2: Example of optimal speaker placement. (Image not available, refer to diagram in Quick Start Guide for visual reference).*

## 1.3 Audio Connections

Connect your audio source (TV, Blu-ray player, game console) to the sound bar. Only one audio connection type is typically needed.

- **Digital Optical (Recommended):** Connect one end of the Digital Optical Cable to the OPTICAL OUT port on your TV and the other end to the OPTICAL IN port on the sound bar. This provides the best audio quality and supports Dolby Digital and DTS Digital Surround.
- **RCA (Analog):** Connect the Stereo RCA to 3.5mm Audio Cable from your TV's audio output (usually red and white RCA jacks) to the AUX IN (3.5mm) port on the sound bar.
- **Bluetooth:** For wireless audio streaming from mobile devices, refer to Section 2.3 for Bluetooth pairing instructions.

*Figure 3: Sound bar rear panel connections. (Image not available, refer to diagram in Quick Start Guide for visual reference).*

## 1.4 Power Connection

1. Connect the power cable to the AC IN port on the sound bar, then plug the other end into a wall outlet.
2. Connect the power cable to the AC IN port on the wireless subwoofer, then plug the other end into a wall outlet.
3. The subwoofer and sound bar will automatically pair. The LED indicator on the back of the subwoofer will turn solid white when connected.

# 2. OPERATING INSTRUCTIONS

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## 2.1 Power On/Off

- Press the **POWER** button on the sound bar or the remote control to turn the system on or off.
- The sound bar will automatically enter standby mode after a period of inactivity.

## 2.2 Input Selection

Press the **INPUT** button on the sound bar or the remote control repeatedly to cycle through available audio inputs (Optical, AUX, Bluetooth).

Figure 4: Remote control layout. (Image not available, refer to diagram in Quick Start Guide for visual reference).

## 2.3 Bluetooth Pairing

1. Press and hold the **BLUETOOTH** button on the sound bar or remote control for 3 seconds. The LED indicators on the sound bar will begin to flash.
2. On your mobile device, enable Bluetooth and search for new devices. Select "VIZIO SB3851-C0" from the list.
3. Once paired, the LED indicators on the sound bar will stop flashing and glow solid. You can now stream audio from your device.

## 2.4 Volume Control and Audio Settings

- **Volume:** Use the **VOLUME UP/DOWN** buttons on the remote or sound bar.
- **Subwoofer Level:** Use the **SUBWOOFER +/-** buttons on the remote to adjust bass intensity.
- **Surround Sound:** The system supports Dolby Digital and DTS Digital Surround. Ensure your audio source is configured to output these formats for the best experience.
- **DTS TruVolume:** This feature helps maintain a consistent volume level, preventing sudden jumps in sound. Activate/deactivate via the remote.
- **DTS Studio Sound:** Enhances audio for a wider soundstage and clearer dialogue. Activate/deactivate via the remote.
- **DTS Circle Surround:** Creates a virtual surround sound experience from stereo sources. Activate/deactivate via the remote.

## 3. MAINTENANCE

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- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry, lint-free cloth to wipe the surfaces of the sound bar, subwoofer, and satellite speakers. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place, away from direct sunlight and extreme temperatures.

## 4. TROUBLESHOOTING

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If you encounter issues, refer to the following common problems and solutions:

### 4.1 No Power

- Ensure all power cables are securely connected to the sound bar, subwoofer, and wall outlets.
- Verify the wall outlet is functional by plugging in another device.

### 4.2 No Sound

- Check that the sound bar is powered on and not muted.
- Verify the correct input source is selected on the sound bar (e.g., Optical, AUX, Bluetooth).
- Ensure the audio cable (Optical, RCA) is securely connected between the sound bar and your audio source.
- If using Optical, check your TV's audio output settings to ensure it's set to "PCM" or "Bitstream" and not "TV Speakers."

- Increase the volume on both the sound bar and your audio source.

### 4.3 Subwoofer / Satellite Speakers Not Working

- Ensure the subwoofer is powered on and its LED indicator is solid white, indicating a successful wireless connection to the sound bar.
- Check that the satellite speakers are securely connected to the subwoofer's RCA ports.
- Adjust the subwoofer level using the remote control.

### 4.4 Bluetooth Connection Issues

- Ensure the sound bar is in Bluetooth pairing mode (flashing LEDs).
- Make sure your mobile device's Bluetooth is enabled and within range (approximately 30 feet).
- Try unpairing and re-pairing the device.
- Clear any previous "VIZIO SB3851-C0" entries from your device's Bluetooth list.

## 5. SPECIFICATIONS

Feature	Description
Model	SB3851-C0
System Type	5.1 Channel Sound Bar System
Sound Bar Size	38 inches
Audio Performance	Up to 100 dB SPL, less than 1% Total Harmonic Distortion
Frequency Response	50 Hz (System)
Connectivity	Bluetooth, Digital Optical, RCA (3.5mm AUX)
Audio Decoding	Dolby Digital, DTS Digital Surround
Audio Post Processing	DTS TruVolume, DTS Studio Sound, DTS Circle Surround
Mounting Type	Bar Mount (Wall Mountable)

## 6. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official VIZIO website. For technical support, product registration, or to download the latest version of this manual, please visit [www.vizio.com/support](http://www.vizio.com/support) or contact VIZIO customer service.

