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TCL Q6510

TCL Q6510 5.1ch Sound Bar with Wireless Subwoofer

USER MANUAL

1. Product Overview

The TCL Q6510 is a 5.1 channel sound bar system designed to enhance your home audio experience. It features a sound bar, a wireless subwoofer, and two rear surround sound speakers, delivering 430 Watts of total audio power. This system supports Dolby Audio and DTS Virtual:X for immersive sound, includes a built-in center channel speaker for clear dialogue, and offers AI Sonic Auto Room Calibration for optimized sound in any space.

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Image 1.1: The complete TCL Q6510 5.1ch Sound Bar system.

5.1 Channel Q Class Soundbar



Image 1.2: Overhead view of the sound bar, subwoofer, and rear speakers.

Key Features:

- **5.1 Channel Sound:** Delivers a true surround sound experience.
- **430 Watts Total Audio Power:** Provides powerful, room-filling sound.
- **Built-in Center Speaker:** Ensures crystal-clear dialogue.
- **2 Rear Speakers:** For authentic surround sound immersion.
- **Wireless Subwoofer:** Features a 6.5-inch bass speaker with Bass Boost for deep, rich tones.
- **AI Sonic Auto Room Calibration:** Optimizes sound quality for your specific room environment.
- **Dolby Audio and DTS Virtual:X:** Advanced audio technologies for immersive 3D sound.
- **HDMI ARC Connectivity:** Simple one-cable connection to your TV.

2. What's in the Box

Carefully unpack all components and ensure you have received the following items:

- 1x Sound Bar

- 1x Wireless Subwoofer
- 2x Surround Speakers
- 2x Power Cords
- 1x HDMI Cable
- 1x Remote Control
- 2x Remote Control Batteries
- 1x Wall Mount Kit
- 1x Quick Start Guide
- 1x Warranty Card

3. Setup

3.1 Placement

- **Sound Bar:** Place the sound bar centrally below your TV. Ensure no objects obstruct the front of the sound bar.
- **Wireless Subwoofer:** Position the subwoofer on the floor, preferably in the front of the room. Its wireless design allows for flexible placement.
- **Rear Surround Speakers:** Place the two surround speakers behind your listening position, ideally to the left and right, for optimal surround sound effect.

3.2 Connections

Connect the sound bar to your TV using the included HDMI cable for the best audio quality and control. Ensure your TV supports HDMI ARC (Audio Return Channel).

1. Connect one end of the HDMI cable to the HDMI ARC port on your TV.
2. Connect the other end of the HDMI cable to the HDMI OUT (ARC) port on the sound bar.
3. Connect the power cords to the sound bar, wireless subwoofer, and rear surround speakers, then plug them into a power outlet.

430 Watts Total Audio Power

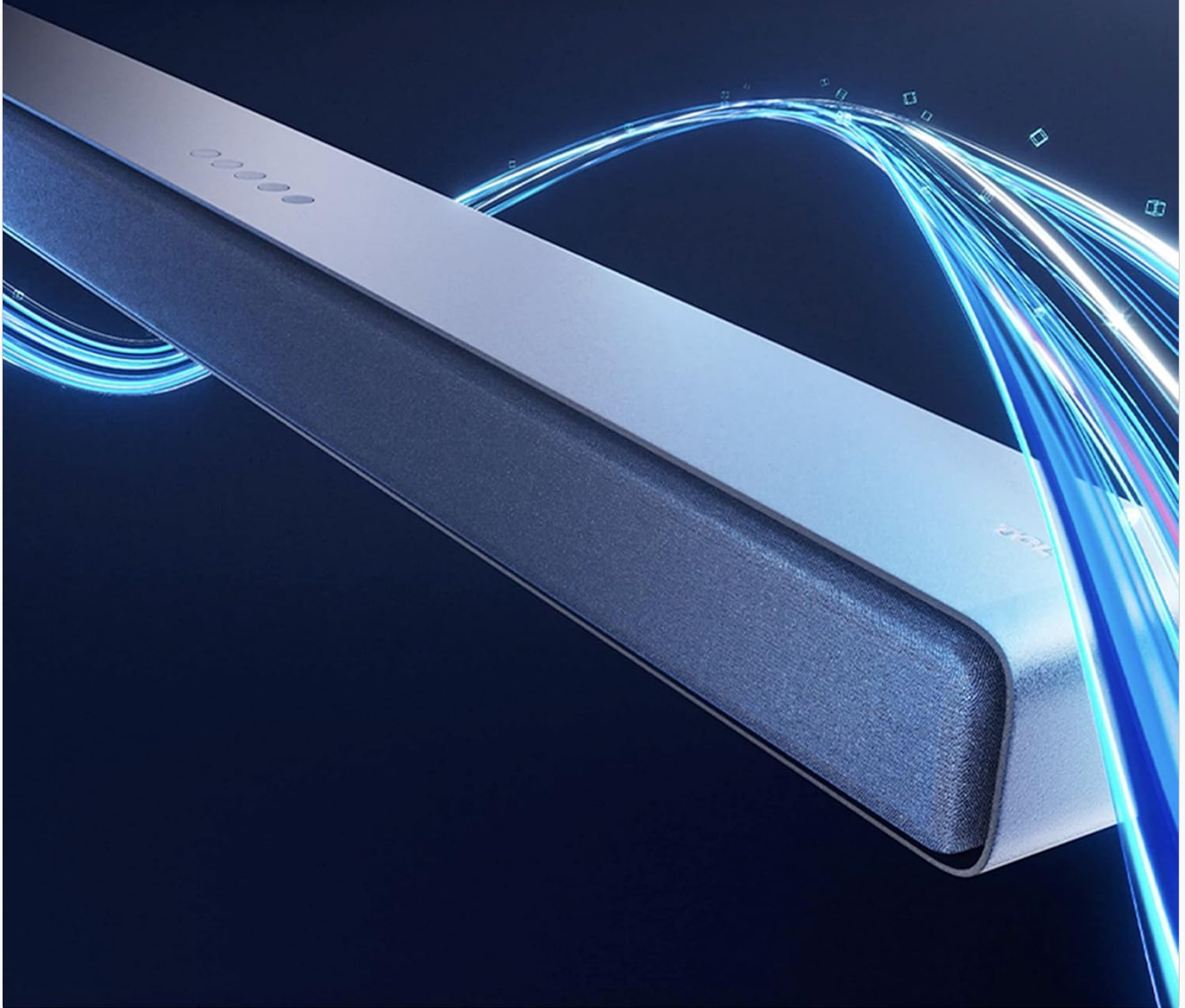


Image 3.1: Sound bar rear connections.

3.3 Wireless Pairing

The wireless subwoofer and rear speakers should automatically pair with the sound bar upon powering on. If pairing does not occur automatically, refer to the troubleshooting section.

3.4 Wall Mounting (Optional)

The sound bar can be wall-mounted using the provided kit. Follow the instructions in the separate wall mount guide for safe and secure installation.

2 Rear Speakers for True Surround Sound



Image 3.2: Wall-mounted sound bar installation.

4. Operating

4.1 Power On/Off

Press the Power button on the remote control or the sound bar to turn the system on or off.

Built-in Center Speaker for Clear Dialog



Image 4.1: Sound bar remote control.

4.2 Input Selection

Use the 'Input' button on the remote control to cycle through available input sources (HDMI ARC, Optical, Bluetooth, USB).

4.3 Volume Control

Adjust the master volume using the 'Volume Up' and 'Volume Down' buttons on the remote control or the sound bar. Individual bass and treble levels can also be adjusted via the remote or the TCL Home app.

4.4 AI Sonic Auto Room Calibration

This feature automatically adjusts the sound output to match your room's acoustics, providing an optimized listening experience. Activate this function via the remote control or the TCL Home app.

Built-in Tweeters



Image 4.2: AI Sonic Auto Room Calibration in action.

4.5 Sound Modes

The sound bar offers various sound modes (e.g., Movie, Music, Voice, Game) to optimize audio for different content types. Select your preferred mode using the remote control.

5. Maintenance

5.1 Cleaning

To maintain the appearance and performance of your sound bar system:

- Disconnect the power before cleaning.
- Use a soft, dry cloth to wipe the surfaces of the sound bar, subwoofer, and speakers.
- Do not use liquid cleaners, abrasive cleaners, or solvents, as these can damage the finish.
- Avoid spraying cleaners directly onto the speakers.

5.2 Speaker Care

Ensure the speaker grilles are free from dust and debris. Do not press on the speaker cones or tweeters.

Wireless Subwoofer with 6.5” Bass Driver and Bass Boost



Image 5.1: Built-in tweeters on the sound bar.

6. Troubleshooting

If you encounter issues with your TCL Q6510 sound bar system, refer to the following common problems and solutions:

6.1 No Power

- Ensure all power cords are securely connected to the devices and a working power outlet.
- Check if the power outlet is functional by plugging in another device.

6.2 No Sound

- Verify the sound bar is powered on and the correct input source is selected.
- Increase the volume on both the sound bar and your TV.
- If using HDMI ARC, ensure your TV's audio output is set to 'External Speakers' or 'HDMI ARC' and that the TV's internal speakers are turned OFF.
- Check the HDMI cable connection between the TV and sound bar. Try a different HDMI cable if necessary.

- If using Optical, ensure the optical cable is securely connected and the TV's audio output is set to 'PCM' or 'Stereo'.

6.3 Wireless Subwoofer Not Pairing

- Ensure the subwoofer is powered on. The indicator light should be solid orange or blue once connected.
- If the subwoofer does not pair automatically, press and hold the 'Pairing' button on the back of the subwoofer until the indicator light flashes. Then, press the 'Pairing' button on the sound bar (refer to the Quick Start Guide for exact location).
- Move the subwoofer closer to the sound bar to rule out interference.



Image 6.1: Wireless subwoofer.

6.4 Rear Surround Speakers Not Working or Low Volume

- Ensure the rear speakers are powered on and correctly paired with the sound bar.
- Adjust the surround speaker volume levels using the remote control or the TCL Home app.
- Verify that the audio content you are playing is 5.1 channel. Stereo content will not utilize the rear speakers as prominently.



Image 6.2: Rear surround speakers.

6.5 Dialogue Unclear

- Ensure the 'Voice' sound mode is selected.
- Adjust the center channel volume or treble settings if available.



Image 6.3: Center speaker for clear dialogue.

7. Specifications

Feature	Specification
Brand	TCL
Model Number	Q6510
Number of Audio Channels	5.1
Speaker Maximum Output Power	430 Watts
Frequency Response	20 KHz
Connectivity Technology	Bluetooth, HDMI, Optical, USB
Audio Output Mode	Surround
Mounting Type	Bar Mount, Wall Mount
Enclosure Material	Plastic
Speaker Type	Tweeter
Subwoofer Diameter	6.5 Inches
Control Method	Voice, Remote Control
Color	Black
Item Dimensions (D x W x H)	3.9"D x 35.4"W x 2.7"H (Sound Bar)
Item Weight	5.1 Pounds
Compatible Devices	Television
Power Source	Corded Electric
Subwoofer Connectivity Technology	Wireless
Connectivity Protocol	Wi-Fi, Bluetooth

8. Warranty and Support

8.1 Warranty Information

The TCL Q6510 Sound Bar system comes with a **1-year manufacturer's warranty**. Please refer to the included Warranty Card for detailed terms and conditions.

8.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact TCL Customer Support. Contact information can typically be found on the TCL official website or on the Warranty Card included with your product.