TCL Q65H

TCL Q65H Q Class 5.1 Channel Sound Bar User Manual

Model: Q65H

1. Introduction

The TCL Q65H Q Class 5.1 Channel Sound Bar system is designed to enhance your home audio experience, delivering immersive sound with Dolby Atmos and DTS:X technologies. This system includes a sound bar, a wireless subwoofer, and wireless surround speakers to create a comprehensive surround sound environment. This manual will guide you through the installation, operation, and maintenance of your new sound system.



Figure 1.1: The TCL Q65H Sound Bar and its accompanying wireless subwoofer. The sound bar is a long, slender unit designed to sit

below a television, while the subwoofer is a compact, rectangular box that can be placed anywhere in the room.

2. Safety Information

Please read all safety instructions before operating this product. Keep this manual for future reference.

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 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.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

3. What's in the Box

Verify that all components are present in the packaging:

- TCL Q65H Sound Bar
- Wireless Subwoofer
- Wireless Surround Speakers (2 units)
- Remote Control
- AAA Batteries (2 for remote control)
- HDMI Cable
- Power Cord (for sound bar)
- Power Cord (for subwoofer)
- Wall Installation Kit (brackets, screws, template)
- User Manual (this document)

4. Setup

4.1 Physical Placement

For optimal audio performance, place the sound bar centrally below your television. The wireless subwoofer can be placed anywhere in the room, ideally in a corner or near a wall for enhanced bass response. Ensure wireless surround speakers are placed behind the listening area, equidistant from the listener.



Figure 4.1: Front view of the TCL Q65H Sound Bar and its wireless subwoofer, illustrating typical placement in a home entertainment setup.

4.2 Connections

Connect the sound bar to your television using the included HDMI cable for the best audio quality and ARC/eARC functionality. Alternatively, use an optical cable for digital audio connection.

- **HDMI eARC/ARC:** Connect the HDMI cable from the sound bar's HDMI OUT (ARC/eARC) port to your TV's HDMI ARC/eARC port. This allows audio from your TV to be sent to the sound bar and enables control of the sound bar with your TV remote.
- **Optical:** If your TV does not have an HDMI ARC/eARC port, connect an optical cable from the sound bar's OPTICAL IN port to your TV's optical digital audio out port.
- **Auxiliary:** For analog audio devices, use a 3.5mm auxiliary cable to connect to the AUX IN port.
- **USB:** The USB port is for firmware updates and playing audio from a USB storage device.



Figure 4.2: Rear view of the TCL Q65H Sound Bar, showing the various input and output ports including HDMI, Optical, and USB.

4.3 Power Connection

Connect the power cords to the sound bar, subwoofer, and surround speakers, then plug them into a wall outlet.





Figure 4.3: Rear view of the TCL Q65H Wireless Subwoofer, highlighting the power input and pairing button.

4.4 Wireless Pairing

The wireless subwoofer and surround speakers should automatically pair with the sound bar upon powering on. If pairing fails, manually initiate pairing by pressing the 'Pair' button on the back of the subwoofer/surround speakers and then on the sound bar (refer to the sound bar's display for pairing mode indication).

5. Operating Instructions

5.1 Basic Controls

Use the included remote control or the buttons on the top of the sound bar to manage functions.



Figure 5.1: Top view of the TCL Q65H Sound Bar, showing the integrated control buttons for power, volume, and input selection.

- **Power:** Press to turn the sound bar on or off.
- **Volume:** Use the '+' and '-' buttons to adjust the volume level.
- **Input:** Press to cycle through available input sources (HDMI, Optical, Bluetooth, AUX, USB).
- **Mute:** Press to mute or unmute the sound.

5.2 Sound Modes

The sound bar offers various sound modes optimized for different content types. Use the remote control to select a mode:

- **Movie:** Enhances dialogue and surround effects for cinematic experiences.
- **Music:** Optimizes audio for music playback, providing balanced sound.
- **TV:** General mode for television viewing.
- **Game:** Provides immersive audio for gaming, highlighting directional sounds.
- **Standard:** Default sound profile.

5.3 Bluetooth Music Streaming

To stream music wirelessly from your smartphone, tablet, or other Bluetooth-enabled device:

1. Press the Bluetooth button on the remote or the sound bar to select Bluetooth input. The sound bar display will show 'BT Pairing'.
2. Enable Bluetooth on your device and search for 'TCL Q65H'.
3. Select 'TCL Q65H' to connect. Once connected, the display will show 'BT Connected'.
4. Play audio from your device.

5.4 Dolby Atmos and DTS:X

The TCL Q65H supports Dolby Atmos and DTS:X, providing a three-dimensional audio experience. When playing content encoded with these formats, the sound bar will automatically detect and process the audio to create an immersive soundstage, including overhead effects.

5.5 Ray Danz Technology

Ray Danz Technology utilizes precisely angled acoustic reflectors to widen the soundstage, creating a more expansive and natural sound experience without the need for additional side-firing speakers. This patented technology enhances the perception of sound coming from a wider area, immersing you further into the audio.

6. Maintenance

To ensure the longevity and optimal performance of your sound system:

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the sound bar, subwoofer, and speakers. Do not use liquid cleaners or aerosol sprays.
- **Ventilation:** Ensure that the ventilation openings are not blocked.
- **Placement:** Avoid placing the unit in direct sunlight, near heat sources, or in areas with high humidity.

7. Troubleshooting

If you encounter issues with your TCL Q65H sound bar, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet not active.	Ensure power cords are securely connected and the outlet is functional.
No sound	Incorrect input selected; volume too low; cables loose.	Select correct input; increase volume; check all cable connections.
Subwoofer/Surround speakers not pairing	Out of range; pairing failed.	Move closer to sound bar; perform manual pairing as per Section 4.4.
Bluetooth connection issues	Device too far; interference; sound bar not in pairing mode.	Ensure device is within range; restart Bluetooth on both devices; put sound bar in BT Pairing mode.

8. Specifications

- **Model Name:** Q65H
- **Surround Sound Channel Configuration:** 5.1
- **Speaker Maximum Output Power:** 181 Watts
- **Connectivity Technology:** Bluetooth, Auxiliary, USB, Optical, HDMI (eARC/ARC)
- **Audio Output Mode:** 7.1 Channel Surround Sound, Dolby Atmos, DTS:X
- **Wireless Communication Technology:** Airplay, Bluetooth
- **Subwoofer Connectivity Technology:** Wireless
- **Subwoofer Diameter:** 6.6 Inches
- **Product Dimensions (Sound Bar):** 2.68"D x 41.5"W x 4.86"H
- **Item Weight:** 9.3 Pounds
- **Input Voltage:** 120 Volts (AC)
- **Included Components:** 1x HDMI Cable, 1x Remote Control, 2x AAA Battery, 1x Power Cord, Wall Installation Kit
- **UPC:** 846042045605

9. Warranty and Support

9.1 Warranty Information

This product comes with a Limited Warranty provided by TCL. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration of coverage. Keep your purchase receipt as proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact TCL Customer Support. Visit the official TCL website for the most up-to-date contact information, including phone numbers and online support resources.
Online Support: www.tcl.com/us/en/support

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