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› TCL 65-Inch QM6K QLED 4K Smart QD-Mini LED TV with Google TV (65QM6K, 2025 Model) + Q65H Q Class 2.0 Channel Sound Bar with Dolby Atmos

TCL 65QM6K, Q65H

TCL 65-Inch QM6K QLED 4K Smart QD-Mini LED TV and Q65H Q Class Sound Bar User Manual

Model: 65QM6K TV, Q65H Sound Bar

Brand: TCL

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating your new TCL TV and Sound Bar. Keep these instructions for future reference. Follow all warnings and instructions marked on the product.

- **Power Source:** Connect the product only to the type of power source described in the operating instructions or as marked on the product.
- **Ventilation:** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- **Heat:** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Water and Moisture:** Do not use this apparatus near water.
- **Cleaning:** Clean only with a dry cloth. Unplug this apparatus during lightning storms or when unused for long periods of time.
- **Servicing:** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- **Mounting:** Ensure the TV is mounted securely to a wall or placed on a stable surface to prevent tipping.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact TCL customer support.

- TCL 65-Inch QM6K QLED 4K Smart QD-Mini LED TV
- TCL Q65H Q Class 2.0 Channel Sound Bar
- TV Remote Control with Batteries
- Sound Bar Remote Control with Batteries
- TV Stand (2 pieces) and Screws

- Power Cord for TV
- Power Cord for Sound Bar
- HDMI Cable
- Quick Start Guide
- Warranty Card



Image: The TCL 65-Inch QM6K QLED 4K Smart QD-Mini LED TV and Q65H Q Class Sound Bar, showing both units together.

SETUP

1. TV Stand Installation

1. Carefully place the TV screen-down on a soft, flat surface to prevent damage.
2. Align the stand legs with the screw holes on the bottom of the TV.
3. Secure the stand legs using the provided screws. Ensure they are tightened firmly.

Note: For wall mounting, refer to the separate wall mount instructions (not included) and ensure proper installation by a qualified professional.

2. Sound Bar Placement

Place the Q65H Sound Bar directly in front of your TV, centered, on a stable surface. Ensure there are no obstructions in front of the sound bar for optimal audio performance.

3. Connecting Your Devices

Connect your TV and Sound Bar to power and other devices using the following steps:

- **Power Connection (TV):** Plug the TV power cord into the TV's power input, then into a wall outlet.
- **Power Connection (Sound Bar):** Plug the Sound Bar power cord into the Sound Bar's power input, then into a wall outlet.
- **HDMI ARC Connection (Recommended for Sound Bar):** Connect one end of the provided HDMI cable to the HDMI ARC port on your TV and the other end to the HDMI ARC port on your Q65H Sound Bar. This allows for audio return from the TV to the sound bar and control via the TV remote.
- **Other HDMI Devices:** Connect gaming consoles, Blu-ray players, or cable boxes to the available HDMI inputs on

your TV.

- **USB Devices:** Connect USB drives for media playback to the USB port on the TV.
- **Optical Audio (Alternative for Sound Bar):** If your TV does not have an HDMI ARC port, connect an optical audio cable from your TV's optical output to the optical input on the Q65H Sound Bar.

Ensure all connections are secure before powering on the devices.

OPERATING YOUR TCL TV AND SOUND BAR

1. Initial Setup (TV)

Upon first power-on, the TV will guide you through the initial setup process:

1. **Language Selection:** Choose your preferred language.
2. **Network Connection:** Connect to your Wi-Fi network. Enter your password if required.
3. **Google Account Sign-in:** Sign in with your Google account to access Google TV features, apps, and personalized recommendations.
4. **Channel Scan:** If using an antenna, scan for available channels.
5. **Privacy Settings:** Review and adjust privacy settings as desired.

2. Using the TV Remote Control

Familiarize yourself with the TV remote control buttons:

- **Power Button:** Turns the TV on or off.
- **Input Button:** Cycles through input sources (HDMI 1, HDMI 2, TV, etc.).
- **Navigation Pad (Up/Down/Left/Right/OK):** Navigates menus and selects options.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Accesses the Google TV home screen.
- **Volume Up/Down:** Adjusts TV volume.
- **Mute Button:** Mutes or unmutes the sound.
- **Google Assistant Button:** Activates voice commands for Google Assistant.
- **App Shortcut Buttons:** Direct access to popular streaming services.

3. Google TV Features

Your TCL QM6K TV features Google TV, providing a personalized entertainment experience:

- **Home Screen:** Discover movies, shows, and live TV from all your apps and subscriptions, organized just for you.
- **Watchlist:** Add movies and shows you want to watch to your personalized watchlist.
- **Google Assistant:** Use your voice to search for content, control smart home devices, and get answers to questions.
- **Chromecast Built-in:** Cast content from your phone, tablet, or laptop directly to your TV.

4. Picture Settings (QM6K TV)

Optimize your viewing experience with advanced picture settings:

- **Picture Mode:** Select from preset modes like Standard, Movie, Sport, Game, or Vivid.
- **Brightness/Contrast/Color:** Adjust these basic settings to your preference.
- **QD-Mini LED Technology:** This technology provides superior contrast and brightness. For optimal performance, ensure "Local Dimming" is enabled in advanced settings.

- **TCL HALO Control System:** This system enhances shadow detail and reduces blooming. Adjust settings related to local dimming zones for finer control.
- **Motion Settings:** Adjust motion smoothing (Motion Clarity) for sports or fast-paced content.

5. Operating the Q65H Sound Bar

The Q65H Sound Bar enhances your audio experience:

- **Power On/Off:** Use the power button on the sound bar or its remote. If connected via HDMI ARC, it may power on/off with the TV.
- **Input Selection:** Use the "Input" button on the sound bar remote to cycle through HDMI ARC, Optical, and Bluetooth inputs.
- **Volume Control:** Adjust volume using the sound bar remote or, if connected via HDMI ARC, the TV remote.
- **Dolby Atmos and DTS:X:** When playing content with Dolby Atmos or DTS:X audio, the sound bar will automatically process and deliver spatial sound. Ensure your source device is configured to output these formats.
- **Sound Modes:** Select from various sound modes (e.g., Movie, Music, Voice) to optimize audio for different content types.

MAINTENANCE

Proper care ensures the longevity and performance of your TCL TV and Sound Bar.

- **Screen Cleaning:** Gently wipe the screen with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner (do not spray directly on the screen). Avoid harsh chemicals.
- **Sound Bar Cleaning:** Wipe the exterior of the sound bar with a soft, dry cloth. Do not use liquid cleaners directly on the speaker grilles.
- **Ventilation:** Ensure the ventilation openings on the TV are not blocked. Allow adequate space around the TV for airflow.
- **Power Cords:** Regularly check power cords for any damage. Do not place heavy objects on power cords.
- **Remote Control Batteries:** Replace batteries in the remote controls when they stop responding or become sluggish. Use AAA batteries for both remotes.

TROUBLESHOOTING

If you encounter issues, try these common troubleshooting steps before contacting support.

No Power

- Ensure both the TV and Sound Bar power cords are securely plugged into a working electrical outlet.
- Check if the power outlet is active by plugging in another device.
- Press the power button on the TV/Sound Bar itself, not just the remote.

No Picture / Distorted Picture

- Verify the correct input source is selected on the TV (e.g., HDMI 1, HDMI 2).
- Check all cable connections between the TV and external devices (e.g., cable box, gaming console). Try re-seating the cables.
- If using an antenna, perform a channel scan.

- Try a different HDMI port or a different HDMI cable.
- Reset the TV by unplugging it from the power outlet for 60 seconds, then plugging it back in.

No Sound / Low Sound

- Ensure the TV and Sound Bar are not muted and volume is turned up.
- Verify the correct input source is selected on the Sound Bar (e.g., HDMI ARC, Optical).
- If using HDMI ARC, ensure the TV's audio output is set to "External Speakers" or "HDMI ARC" in its audio settings.
- Check the audio cable connections between the TV and Sound Bar.
- Try playing audio from a different source to determine if the issue is with a specific device.

Remote Control Not Working

- Replace the batteries with new ones.
- Ensure there are no obstructions between the remote and the TV/Sound Bar's IR sensor.
- For the TV remote, if it's a Bluetooth remote, try re-pairing it with the TV (refer to TV settings for pairing instructions).

SPECIFICATIONS

TCL 65QM6K TV

Display Technology	QD-Mini LED, QLED 4K UHD
Screen Size	65-Inch
Operating System	Google TV
Picture Enhancement	TCL HALO Control System (Advanced Local Dimming), Quantum Dot Technology
Connectivity	HDMI, USB, Wi-Fi, Bluetooth
Model Year	2025

TCL Q65H Sound Bar

Channels	2.0 Channel (with virtual surround capabilities)
Audio Formats	Dolby Atmos, DTS:X
Connectivity	HDMI ARC, Optical, Bluetooth
Features	Room-filling audio, simple home theater integration

WARRANTY AND SUPPORT

Your TCL 65-Inch QM6K QLED 4K Smart QD-Mini LED TV and Q65H Q Class 2.0 Channel Sound Bar are covered by a manufacturer's limited warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or to inquire about warranty service, please contact TCL Customer Support:

- **Website:** www.tcl.com/us/en/support
- **Phone:** Refer to the support section of the TCL website for regional contact numbers.
- **Online Resources:** Visit the TCL support website for FAQs, software updates, and additional user guides.

Please have your product model number (65QM6K, Q65H) and serial number ready when contacting support.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question