TCL 65QM6K

TCL 65QM6K QLED 4K Smart Google TV and S45H Sound Bar Instruction Manual

Model: 65QM6K TV & S45H Sound Bar

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your TCL 65-Inch QM6K QLED 4K Smart Google TV and S45H S Class 2.0 Channel Sound Bar. Please read this manual thoroughly before using your new products to ensure proper functionality and to maximize your viewing and listening experience.

2. PRODUCT OVERVIEW

2.1 TCL 65QM6K QLED 4K Smart Google TV

The TCL 65QM6K TV integrates advanced display technologies and smart features for an immersive entertainment experience.

- **QD-Mini LED:** Combines QLED and OLED technologies for precise, pixel-level lighting control, enhancing contrast and color accuracy.
- **TCL Halo Control System:** An advanced suite of technologies including Super High Energy LED Microchip, Condensed Micro Lens, Micro-OD Reduced Optical Distance, High Contrast HVA Panel, Enhanced QLED, Zero Delay Transient Response, Bi-direction 23-bit Backlight Controller, and Dynamic Light Algorithm for stunning, 'Halo-Free' images.
- **Up to LD500 Precise Dimming Series:** Offers amazing black levels with up to 500 precisely controlled local dimming zones.
- **144Hz Native Panel Refresh Rate:** Provides smooth motion for fast-paced content and gaming.
- **Google TV:** Integrated smart TV platform for easy access to streaming services, apps, and voice control.

2.2 S45H S Class 2.0 Channel Sound Bar

The S45H Sound Bar complements your TV with enhanced audio performance.

- **2.0 Channel Audio:** Delivers clear and powerful sound.

- **Dolby Atmos and DTS Virtual:X:** Provides spatial audio for an immersive listening experience.
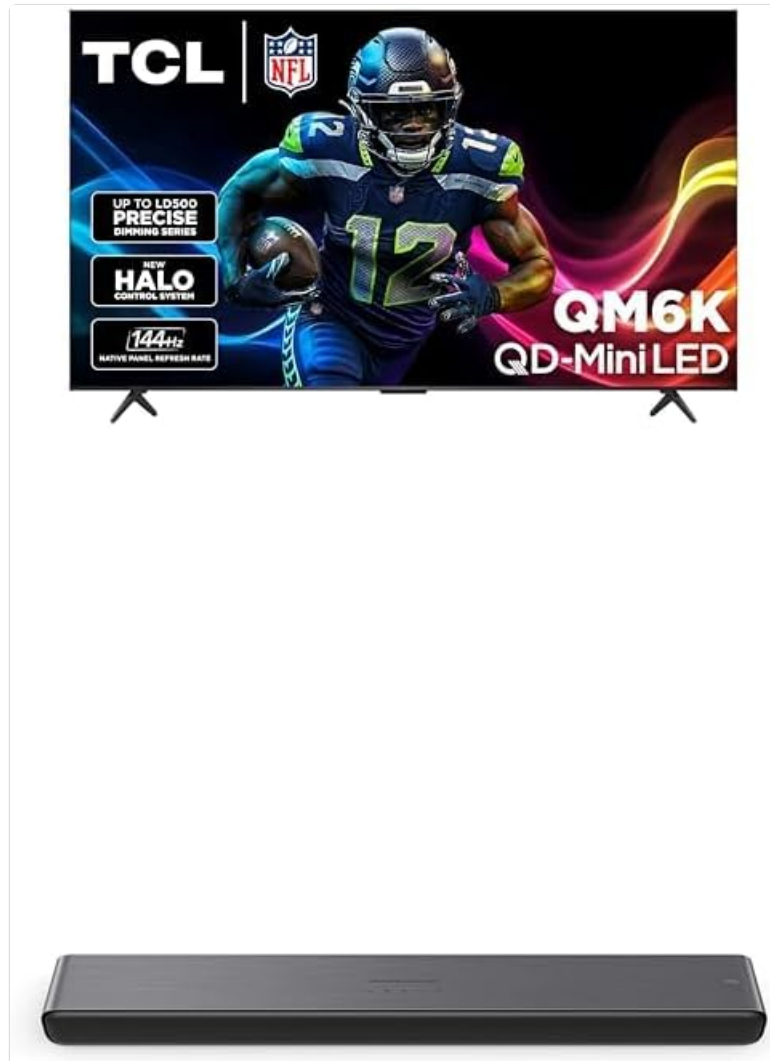- **Up to 100 Watts Total Power:** Ensures room-filling audio.

Image 1: The TCL 65-Inch QM6K QLED 4K Smart Google TV and S45H Sound Bar. The TV screen displays an NFL player, highlighting key features like QD-Mini LED, LD500 Precise Dimming, Halo Control System, and 144Hz Native Panel Refresh Rate. The S45H Sound Bar is positioned below the TV.

3. SETUP

3.1 Unboxing and Stand Installation

Carefully remove the TV and sound bar from their packaging. It is recommended to have at least two people for handling the TV due to its size and weight. The TV comes with plastic feet for tabletop placement. Attach these feet securely using the provided screws. Ensure the TV is placed on a stable, level surface.

3.2 Connecting the TV and Sound Bar

1. **Power Connection:** Connect the power cord to the TV's power input and then to a wall outlet. Do the same for the S45H Sound Bar.

2. **Sound Bar Connection:** Connect the S45H Sound Bar to the TV using an HDMI cable. Use the HDMI port labeled 'eARC' on your TV for optimal audio quality and control.

3. **External Devices:** Connect any other external devices (e.g., gaming consoles, Blu-ray players) to the available HDMI ports on the TV. The QM6K features multiple HDMI 2.1 ports, including one with eARC.

3.3 Initial Power On and Google TV Setup

After connecting all necessary cables, press the power button on the TV or the remote control. Follow the on-screen instructions to complete the initial setup of Google TV, including network connection, Google account sign-in, and channel scanning.

---

4. OPERATING THE TV

4.1 Google TV Interface

The Google TV interface provides a personalized experience with recommendations based on your viewing habits. Navigate using the remote control's directional pad and select button. Access your favorite streaming apps, live TV, and other content from the home screen.

4.2 Remote Control

The included remote control is designed for intuitive navigation. It features dedicated buttons for popular streaming services and voice control functionality. The remote is backlit, making it easy to use in low-light conditions.

4.3 Picture Settings

Access the picture settings menu to customize your viewing experience. Key settings include:

- **Picture Mode:** Select from various presets like Standard, Movie, Sports, or Filmmaker Mode. Filmmaker Mode aims to preserve the director's original creative intent.
- **Brightness:** Adjust the overall luminance of the screen.
- **Color:** Modify color saturation and tint.
- **Clarity:** Enhance sharpness and detail.
- **Motion:** Adjust motion smoothing settings (Motion Clarity, LED Motion Clear, Dynamic Acceleration) to reduce blur and judder.

4.4 Sound Settings

Customize the audio output of your TV and sound bar. Navigate to the Sound menu to adjust:

- **Sound Mode:** Choose from presets like Standard, Movie (optimizes surround sound), Music (enhances musical layering), Voice (focuses on vocal clarity), Game (optimized for gaming), or Sports (improves sound spatial distribution).
- **Audio Processing:** Enable Dolby Atmos or DTS Virtual:X for immersive sound.
- **Sound Customization:** Fine-tune settings such as Surround Virtualizer, Bass Enhancer, Dialogue Enhancer, and Definition.

4.5 Eco Settings

The Eco settings suite allows you to manage the TV's power consumption. You can configure options to save power based on your preferences.

---

5. OPERATING THE SOUND BAR

Once connected via eARC, your S45H Sound Bar will largely be controlled through the TV's remote and sound settings. Ensure the TV's audio output is set to the HDMI eARC port. You can adjust volume and select sound

modes directly from the TV interface.

6. GAMING FEATURES

The TCL 65QM6K TV is optimized for gaming with several features:

- **Game Master:** This setting provides low latency, optimized device connection, and exclusive Game Bar features. It can automatically activate when a VRR (Variable Refresh Rate) or ALLM (Auto Low Latency Mode) signal is detected from a connected gaming device.
- **144Hz Native Panel Refresh Rate:** Ensures smooth and responsive gameplay.
- **HDMI 2.1 Ports:** Supports advanced gaming features like 4K@120Hz (or 144Hz) and VRR.

7. MAINTENANCE

To ensure the longevity and optimal performance of your TV and sound bar, follow these maintenance guidelines:

- **Screen Cleaning:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals).
- **General Cleaning:** Dust the exterior of the TV and sound bar regularly with a soft, dry cloth.
- **Ventilation:** Ensure proper airflow around the TV by keeping vents clear of obstructions.
- **Avoid Direct Sunlight:** Prolonged exposure to direct sunlight can damage the screen.

8. TROUBLESHOOTING

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

- **No Power:** Check if the power cords are securely connected to both the device and the outlet. Try a different outlet.
- **No Picture:** Ensure the correct input source is selected on the TV. Check all HDMI cable connections.
- **No Sound from Sound Bar:** Verify the HDMI eARC connection. Ensure the TV's audio output is set to the eARC port. Check the sound bar's volume and mute status.
- **Remote Not Responding:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the TV.
- **Picture Quality Issues:** Adjust picture settings (brightness, contrast, sharpness). Ensure you are viewing high-quality content.

For persistent issues, consult the full user manual available on the TCL support website or contact TCL customer support.

9. SPECIFICATIONS

9.1 TCL 65QM6K TV

- **Display Type:** QD-Mini LED QLED

- **Resolution:** 4K UHD (3840 x 2160)
- **Screen Size:** 65 inches
- **Refresh Rate:** 144Hz Native Panel
- **Smart Platform:** Google TV
- **HDR Support:** Dolby Vision, HDR10+
- **Dimming Zones:** Up to LD500 Precise Dimming Series
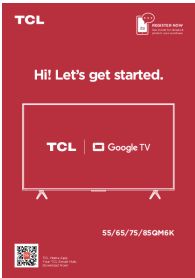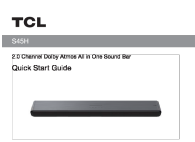- **Connectivity:** Multiple HDMI 2.1 ports (including eARC), USB, Wi-Fi 6
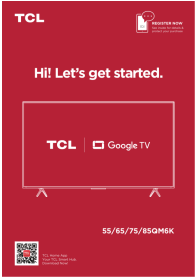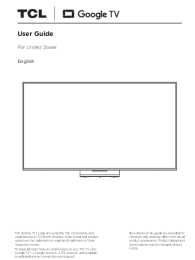
9.2 S45H S Class 2.0 Channel Sound Bar

- **Channels:** 2.0 Channel
- **Audio Technologies:** Dolby Atmos, DTS Virtual:X
- **Total Power:** Up to 100 Watts
- **Connectivity:** HDMI eARC

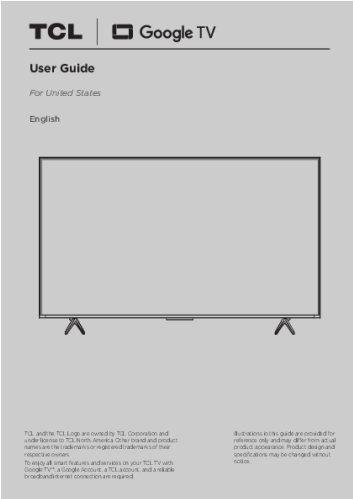---

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official TCL website. Product registration may be required to access full warranty benefits.

Related Documents - 65QM6K

TCL S45H 2.0 Channel Dolby Atmos Sound Bar Quick Start Guide	**TCL S45H 2.0 Channel Dolby Atmos Sound Bar Quick Start Guide** This guide provides instructions for setting up and using the TCL S45H 2.0 Channel Sound Bar with Dolby Atmos and DTS Virtual:X. Learn how to register your product, connect it to your TV via HDMI or Optical, pair Bluetooth devices, and utilize AI Sonic-Adaptation.
TCL Hi! Let's get started. Google TV 55/65/75/85QM6K	**TCL QM6K Series Google TV: Quick Start Guide & Setup Instructions** Comprehensive guide for setting up your TCL QM6K Series QD-Mini LED QLED 4K UHD Smart Google TV, including installation, remote control, connectivity, troubleshooting, and warranty information.
TCL S45H 2.0 Channel Dolby Atmos All in One Sound Bar Quick Start Guide	**TCL S45H 2.0 Channel Dolby Atmos Sound Bar Quick Start Guide** Quick Start Guide for the TCL S45H 2.0 Channel Dolby Atmos All in One Sound Bar. Learn how to set up, connect, and use your TCL soundbar with detailed instructions and safety information.

[TCL QM6K Series Smart TV Quick Start Guide](#)
Quick start guide for TCL QM6K Series Smart TVs (models 55/65/75/85QM6K), covering setup, registration, safety, warranty, and troubleshooting. Learn how to connect, power up, and get started with your new Google TV.

[TCL 50" 4-Series Google TV & Alto 8 Sound Bar User Guides](#)
Comprehensive user and quick start guides for TCL 50-inch 4-Series 4K UHD HDR Smart Google TV (Model 50S446) and TCL Alto 8 2.1 Channel Dolby Atmos Smart Sound Bar (Model TS8211-NA), covering setup, operation, and safety.

[TCL Google TV User Guide: Setup, Operation, and Troubleshooting](#)
This user guide provides comprehensive instructions for setting up and operating your TCL Google TV, including connections, basic functions, advanced settings, troubleshooting tips, and warranty information.

Documents - TCL – 65QM6K

[TCL Google TV User Guide: Setup, Operations, and Troubleshooting for QM6K Series](#)
Comprehensive user guide for TCL Google TVs (QM6K series) in the US, covering setup, connections, operations, settings, troubleshooting, and warranty. Requires Google/TCL accounts and internet for smart features.
lang:en score:29 filesize: 1.7 M page_count: 29 document date: 2025-06-25
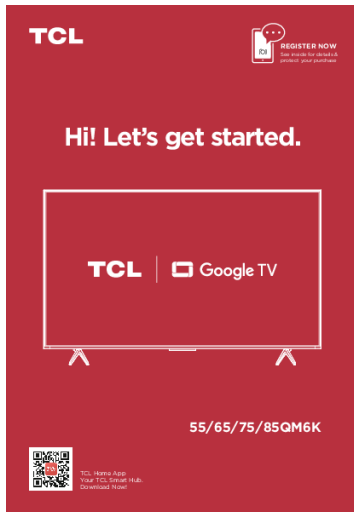

[TCL QM6K Pro 4K QD-Mini LED Smart TV: Features & Specifications](#)
Explore the TCL QM6K Pro, a 4K QD-Mini LED Smart TV offering premium picture quality, advanced features like TCL Halo Control System and AiPQ Pro Processor, and immersive audio. View detailed specifications and available sizes.
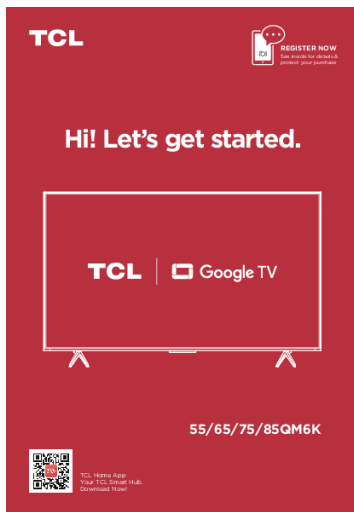lang:en score:27 filesize: 557.69 K page_count: 2 document date: 2025-04-04

[TCL 65QM6K Television Energy Guide - Estimated Yearly Cost](#)

Energy Guide for the TCL 65QM6K television, detailing estimated yearly energy cost, cost range of similar models, and energy usage information. Visit ftc.gov/energy for more details.

lang:en score:23 filesize: 48.84 K page_count: 1 document date: 2025-08-05

[TCL QM6K Pro Series 4K QD-Mini LED Smart TV | Product Specifications](#)

Explore the TCL QM6K Pro Series, a 4K QD-Mini LED Smart TV offering premium features like the Halo Control System, 144Hz refresh rate, and AiPQ™ Pro Processor. Available in 65", 75", 85", and 98" sizes with detailed specifications.

lang:en score:21 filesize: 923.5 K page_count: 2 document date: 2025-04-24

[TCL QM6K Series 4K QD-Mini LED Smart TV Specifications and Features](#)

Detailed specifications and key features for the TCL QM6K Series 4K QD-Mini LED Smart TV, including QD-Mini LED technology, 144Hz refresh rate, TCL Halo Control System, and AiPQ Pro Processor. Available in multiple sizes from 50" to 98".

lang:en score:17 filesize: 985.83 K page_count: 2 document date: 2025-02-21

[TCL QM6K Series Google TV: Quick Start Guide & Setup Instructions](#)
Comprehensive guide for setting up your TCL QM6K Series QD-Mini LED QLED 4K
UHD Smart Google TV, including installation, remote control, connectivity,
troubleshooting, and warranty information.
lang:en score:16 filesize: 48.19 M page_count: 19 document date: 2025-01-06

[TCL QM6K Series Google TV Quick Start Guide](#)
Get started with your new TCL QM6K Series Google TV. This guide covers setup,
remote functions, connectivity, and important safety information for your TCL
television.
lang:en score:16 filesize: 48.19 M page_count: 19 document date: 2025-01-06