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TCL 75QM6K

TCL 75QM6K QLED 4K Smart QD-Mini LED TV & S55H Sound Bar Instruction Manual

Model: 75QM6K (2025 Model) with S55H S Class 2.1 Channel Sound Bar

1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your new TCL 75-Inch QM6K QLED 4K Smart QD-Mini LED TV and the accompanying S55H S Class 2.1 Channel Sound Bar. Please read this guide thoroughly before using your products to ensure proper functionality and safety.



Image 1.1: The TCL 75QM6K QLED 4K Smart QD-Mini LED TV bundled with the S55H Sound Bar and subwoofer. The TV screen displays a football player, highlighting its sports viewing capabilities. Key features like 'UP TO LD500 PRECISE DIMMING SERIES', 'NEW HALO CONTROL SYSTEM', '144Hz NATIVE PANEL REFRESH RATE', and 'QM6K QD-Mini LED' are visible on the screen overlay.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove the TV and sound bar from their packaging. Inspect all components for any signs of damage. Ensure all accessories, including the remote control, power cables, and documentation, are present.

2.2 Physical Installation (TV)

You have two primary options for installing your TCL QM6K TV: using the included stand legs or wall-mounting. For stand installation, carefully attach the legs to the designated slots at the bottom of the TV, securing them with the provided screws. For wall-mounting, ensure you use a compatible VESA mount (not included) and follow the mount manufacturer's instructions. It is recommended to have at least two people for safe installation due to the size and weight of the 75-inch TV.

2.3 Physical Installation (Sound Bar)

Place the TCL S55H Sound Bar directly in front of your TV, ensuring it does not obstruct the TV's remote sensor. Position the wireless subwoofer in a location that provides optimal bass response, typically near the TV or in a corner of the room. Ensure both units are within range of a power outlet.

2.4 Connections

Your TCL QM6K TV offers multiple connectivity options:

- **HDMI Ports:** The TV features multiple HDMI ports. Two ports support 4K resolution at 144Hz refresh rate, ideal for high-performance gaming consoles and PCs. Two other ports support 4K at 60Hz. One of these HDMI ports is an eARC (Enhanced Audio Return Channel) port, specifically designed for connecting your sound bar or AV receiver to transmit high-quality audio.
- **USB Ports:** For connecting external storage devices or other USB accessories.
- **Ethernet Port:** For a stable wired internet connection.
- **Optical Audio Output:** An alternative for connecting audio devices.

Connect the S55H Sound Bar to the TV using an HDMI cable connected to the TV's eARC HDMI port for the best audio experience. Alternatively, use an optical audio cable.

2.5 Initial Power On and Google TV Setup

Plug in the TV and sound bar power cables. Press the power button on the remote control. Follow the on-screen instructions to complete the initial setup, including connecting to your Wi-Fi network, logging into your Google account, and installing desired streaming applications. The Google TV interface is designed for intuitive navigation and personalized recommendations.

Video 2.1: A seller's demo of the TCL QM6K TV's Google TV interface, showcasing app navigation, input selection, and user profiles. This video provides a good overview of the smart TV's user experience.

3. OPERATING YOUR TCL QM6K TV & S55H SOUND BAR

3.1 Remote Control

The included remote control is designed for ease of use with your Google TV. It features dedicated shortcut buttons for popular streaming services like Netflix, Prime Video, DirecTV, and Peacock. The remote also includes a built-in microphone for Google Assistant voice commands, allowing you to search for content, control playback, and manage smart home devices hands-free. The backlit buttons enhance usability in low-light conditions.

3.2 Google TV Interface

Navigate the Google TV home screen to access your installed applications, live TV channels, and personalized content recommendations. You can switch between inputs (HDMI 1-4, Cable/Antenna, Composite), manage watchlists, and access purchased content through the 'My Stuff' section. Multiple user profiles can be set up for a customized experience for each household member.

3.3 Picture Settings

Optimize your viewing experience through the Picture Settings menu:

- **QD-Mini LED:** TCL's QD-Mini LED technology combines QLED and OLED benefits, offering precise, pixel-level lighting for superior contrast and color accuracy.
- **TCL Halo Control System:** This advanced technology suite, 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, delivers stunning "Halo-Free" images by precisely controlling local dimming zones.
- **LD500 Precise Dimming Series:** With up to 500 precisely controlled local dimming zones, this feature provides amazing black levels and enhanced contrast.

- **Filmmaker Mode:** Restore the real film scene and feel the filmmaker's expression of the image.
- **HDR Image Settings:** Adjust Brightness, Color, Clarity, and Motion to suit your preferences. The TV supports HDR10, Dolby Vision Gaming, and Dolby Vision IQ.
- **Eco Settings:** Manage power consumption by adjusting settings related to ambient brightness and other energy-saving features.

3.4 Sound Settings (S55H Sound Bar)

The S55H Sound Bar enhances your audio experience with:

- **2.1 Channel S Class Sound Bar:** Delivers room-filling audio, bringing a cinematic experience to your home.
- **Dolby Atmos and DTS Virtual:X:** Provides spatial sound from above and behind, immersing you in movies, music, and games.
- **Up to 220 Watts Total Power:** Ensures powerful and dynamic audio.
- **Sound Modes:** Select from various modes like Standard, Movie, Music, Voice, Game, Sports, and Intelligent to optimize audio for different content types.
- **Sound Customization:** Adjust Surround Virtualizer, Bass Enhancer, Dialogue Enhancer, and Definition to tailor the sound to your personal preferences.
- **Audio Processing:** Enable Auto, Dolby Atmos, or DTS Virtual:X for appropriate audio processing.

Video 3.1: A detailed review of the TCL QM6K, highlighting its picture and sound settings, including Filmmaker Mode and various audio options. This video is from a seller and provides in-depth informational content.

3.5 Gaming Features

The TCL QM6K is optimized for gaming:

- **Game Master:** This setting provides low latency, optimized device connection, an exclusive Game Bar, and specific picture and sound modes for gamers. You can assign Game Master to specific HDMI inputs, allowing it to automatically activate when VRR (Variable Refresh Rate) or ALLM (Auto Low Latency Mode) signals are detected.
- **144Hz Native Panel Refresh Rate:** Ensures smooth and responsive gameplay.

3.6 ATSC 3.0 Tuner

The TV includes an ATSC 3.0 tuner, enabling reception of next-generation over-the-air broadcasts, which can offer enhanced picture quality (including Dolby Vision) and immersive audio (including Dolby Atmos) where available.

4. MAINTENANCE

4.1 Cleaning

To clean the TV screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials. For the sound bar, use a dry, soft cloth to wipe away dust.

4.2 Software Updates

Your Google TV will periodically check for and install software updates to improve performance and add new features. Ensure your TV is connected to the internet for these updates.

5. TROUBLESHOOTING

If you encounter any issues, try the following basic troubleshooting steps:

- **No Power:** Check if the power cables are securely plugged into both the TV/sound bar and the wall outlet. Try a different

outlet.

- **No Picture/Sound:** Ensure the correct input source is selected on the TV. Check all HDMI/audio cable connections.
- **Remote Not Responding:** Replace the remote control batteries. Ensure there are no obstructions between the remote and the TV's sensor.
- **Internet Connectivity Issues:** Restart your Wi-Fi router. Check the TV's network settings to ensure it's connected to the correct network.
- **Poor Sound Quality:** Verify the sound bar is connected to the TV's eARC HDMI port or optical output. Adjust sound settings on both the TV and sound bar.

For more complex issues, refer to the full user manual available digitally through your Google TV interface or contact TCL customer support.

6. SPECIFICATIONS

Feature	Description
Model	TCL 75QM6K (2025 Model)
Display Technology	QD-Mini LED, QLED, 4K UHD
Backlight System	LD500 Precise Dimming Series (up to 500 local dimming zones)
Picture Processing	TCL Halo Control System
Refresh Rate	144Hz Native Panel Refresh Rate
Smart TV Platform	Google TV
HDR Support	HDR10, Dolby Vision Gaming, Dolby Vision IQ
HDMI Inputs	Multiple (2x 4K@144Hz, 2x 4K@60Hz, 1x eARC)
Tuner	ATSC 3.0
Sound Bar Model	TCL S55H S Class 2.1 Channel Sound Bar
Sound Bar Audio	Dolby Atmos, DTS Virtual:X, 220 Watts Total Power

7. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the documentation included with your product or visit the official TCL website. You can also access digital support resources directly through your Google TV interface.