

TCL 55QM6K

TCL 55QM6K Series QLED 4K Smart QD-Mini LED TV User Manual

Model: 55QM6K

1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions before operating the television. Keep this manual for future reference. Always follow basic safety precautions to reduce the risk of fire, electric shock, and injury to persons.

- Do not expose this apparatus to rain or moisture.
- 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.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

2. WHAT'S IN THE BOX

Verify that all components are present and in good condition. If any items are missing or damaged, contact your retailer.

- TCL TV with Google TV
- TV Stands (2)
- Power Cable
- TV Remote + Batteries
- Quick Start Guide



Image: The TCL 55QM6K television, showing its front view, side profile, and the included remote control and stand components. Dimensions are also indicated.

3. SETUP INSTRUCTIONS

3.1 Attaching the TV Stand

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

3.2 Wall Mounting (Optional)

This TV supports VESA mount standard 200 x 200 mm. For wall mounting, use a compatible wall mount bracket (sold separately) and follow the instructions provided with the bracket. Ensure the wall can support the weight of the TV.

3.3 Connecting Devices

The TV features multiple ports for connecting external devices. Refer to the diagram below for port locations and types.

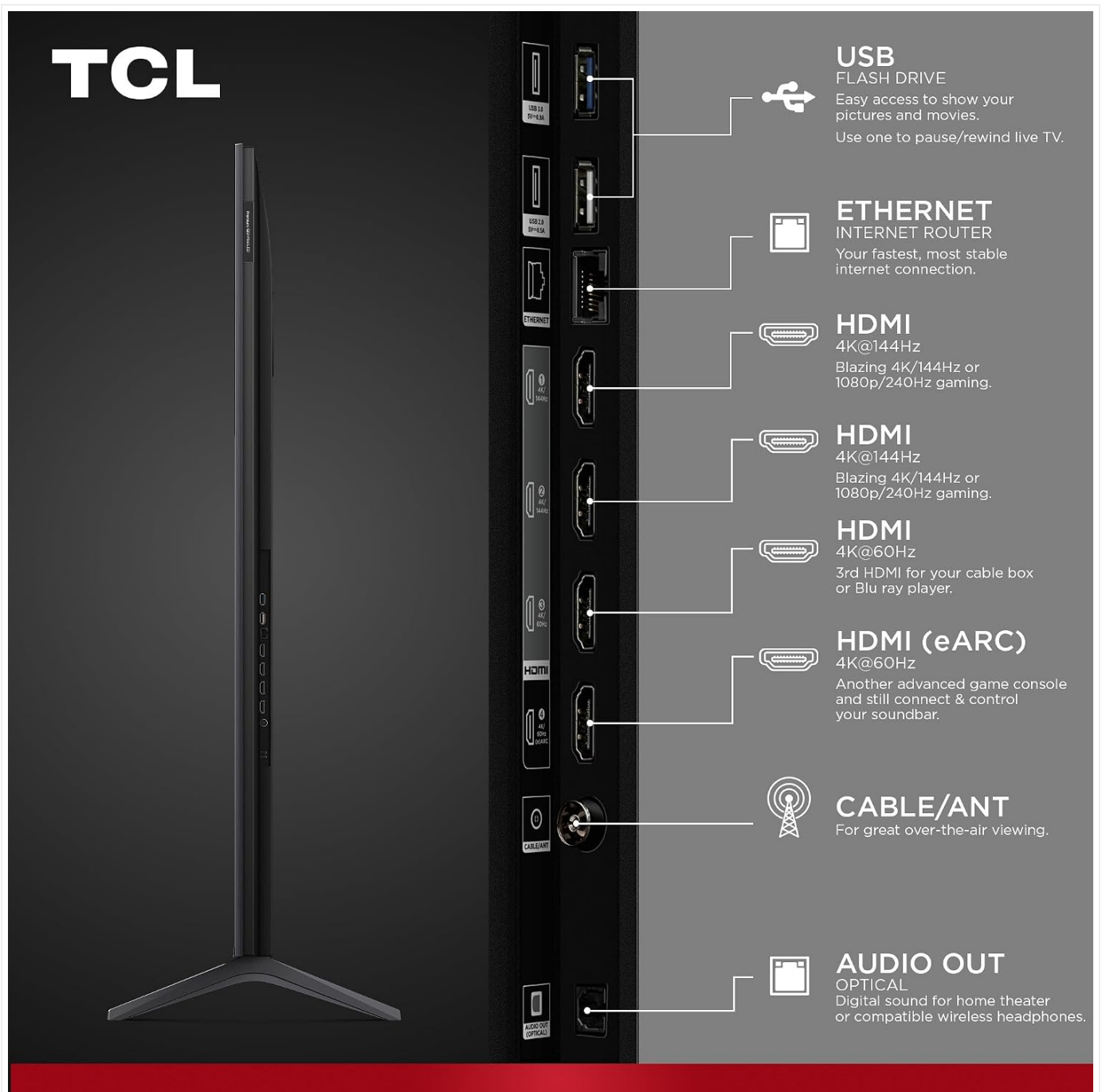


Image: A detailed view of the side and rear connectivity ports on the TCL 55QM6K TV, including USB, Ethernet, multiple HDMI inputs (including eARC), Cable/Antenna, and Optical Audio Out.

- **HDMI Ports:** Connect Blu-ray players, gaming consoles, cable boxes, and other HDMI-enabled devices. This model features 4 HDMI ports, with some supporting 4K@144Hz and eARC.
- **USB Ports:** Connect USB flash drives for media playback. There are 2 USB ports, including 1 USB 3.0 port.
- **Ethernet Port:** For a stable wired internet connection.
- **Optical Audio Out:** Connect to a soundbar or home theater system for digital audio.
- **Antenna/Cable Input:** Connect an antenna or cable TV feed.

3.4 Initial Power-On

1. Connect the power cable to the TV and then to a power outlet.
2. Press the power button on the TV or the remote control.
3. Follow the on-screen instructions to complete the initial setup, including network connection, Google TV account login, and channel scanning.

4. OPERATING INSTRUCTIONS

4.1 Google TV Smart OS

Your TCL 55QM6K TV runs on Google TV, providing access to a wide range of streaming services and apps. The interface is designed for easy content discovery based on your viewing habits and interests.

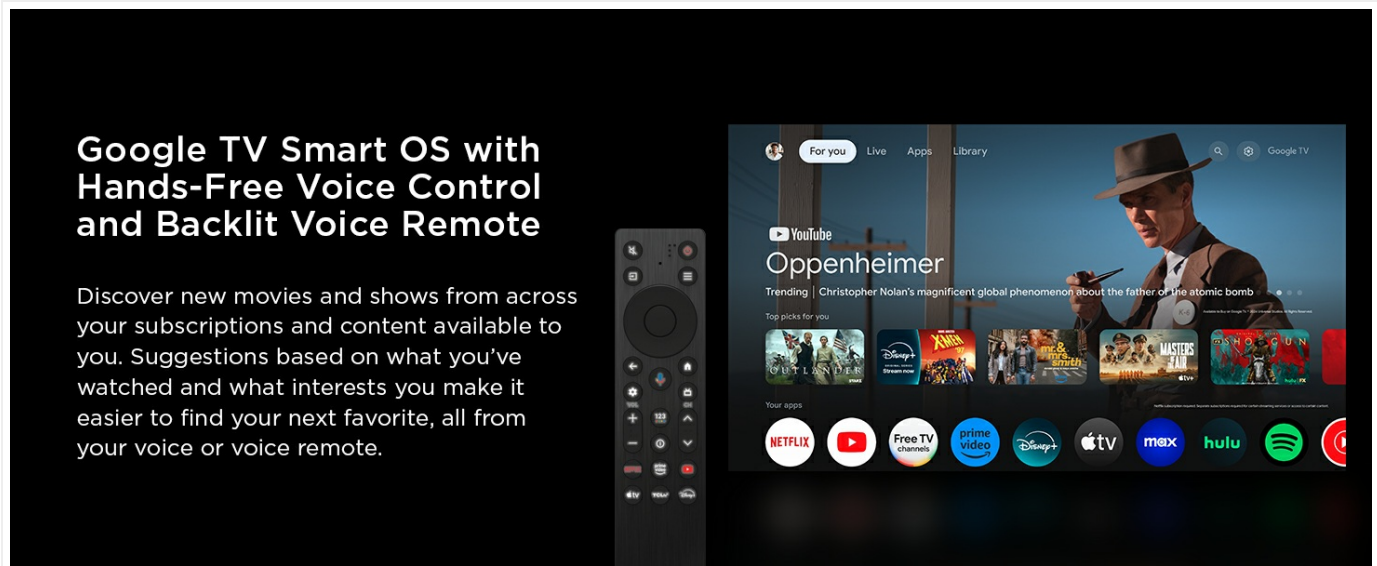


Image: A visual representation of the Google TV Smart OS interface, showing various streaming app icons and content recommendations.

4.2 Remote Control

The included remote control features a backlit design and supports voice commands for hands-free operation. Use the directional pad and selection buttons to navigate menus and select content. Dedicated buttons provide quick access to popular streaming services.

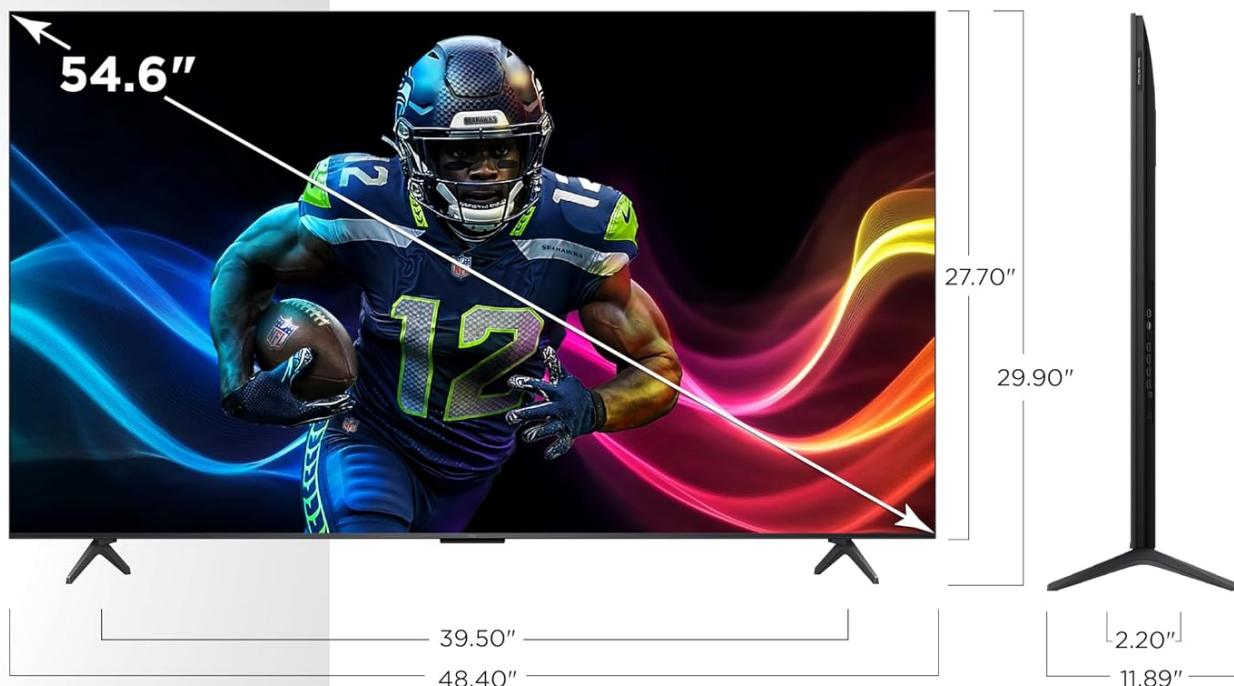
4.3 Key Features and Technologies

- **QD-Mini LED:** Experience enhanced brightness, contrast, and color accuracy with premium Mini LED technology.
- **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 precise image control and reduced halo effects.
- **LD500 Precise Dimming Series:** Achieve deep black levels and high contrast through precisely controlled local dimming zones.
- **High Contrast HVA Panel:** Provides superior contrast ratios for vivid picture quality.
- **144Hz Native Panel Refresh Rate:** Ensures ultra-smooth motion for fast-paced content like sports and gaming.
- **AIPQ PRO Processor:** Optimizes picture clarity, contrast, color, motion, and upscaling using AI for an improved viewing experience.
- **Game Accelerator 288 (240 on 50"/55"):** Reduces input lag for responsive gaming.
- **Dolby Atmos & DTS Virtual:X:** Delivers immersive audio experiences.
- **ONKYO Speaker System:** Integrated speaker system with a built-in subwoofer for high-performance sound.

TCL

55" Class (54.6" diag.)

QM6K Series | 55QM6K



Dimensions:

TV with Stand:
48.40" x 29.90" x 11.89"

TV without Stand:
48.40" x 27.70" x 2.20"

What's in the Box:

- TCL TV with Google TV
- TV Stands
- Power Cable
- TV Remote + Batteries
- Quick Start Guide

*Features and specifications subject to change.

*Actual remote has pre-set channel buttons.
Channels can vary by country.

Image: An overview of the TCL QM6K Series' key features, including LD500 Precise Dimming, Halo Control System, High Contrast HVA Panel, QLED, AIPQ Pro Processor, High HDR Brightness, 144Hz Native Refresh Rate, and Game Accelerator.

5. MAINTENANCE

5.1 Cleaning the Screen

To clean the 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, abrasives, or alcohol-based cleaners, as these can damage the screen surface.

5.2 Cleaning the TV Body and Remote

Wipe the TV frame and remote control with a soft, dry cloth. Do not use liquid cleaners directly on the remote control.

5.3 Software Updates

The TV may receive periodic firmware updates to improve performance and add new features. Ensure your TV is

connected to the internet to receive these updates automatically. You can also manually check for updates through the TV's settings menu.

6. TROUBLESHOOTING

If you encounter issues with your TV, refer to the following common solutions. If the problem persists, contact customer support.

Problem	Possible Solution
No Power	Check if the power cable is securely connected to both the TV and the power outlet. Try a different outlet.
No Picture, but Sound is Present	Ensure the correct input source is selected. Check cable connections to external devices.
No Sound, but Picture is Present	Check the volume level and mute settings. Verify audio cable connections. If using external audio, ensure it's properly configured.
Remote Control Not Working	Replace the batteries. Ensure there are no obstructions between the remote and the TV. Repair the remote if necessary.
Poor Picture Quality / "Halo" Effect	Adjust picture settings (brightness, contrast, backlight). Ensure the TV's Halo Control System is functioning optimally. Check the source content quality.
Network Connectivity Issues	Restart your router and modem. Check Wi-Fi password. Try a wired Ethernet connection if possible.

7. SPECIFICATIONS

Feature	Detail
Model Number	55QM6K
Screen Size	54.5 Inches (55 Inch Class)
Display Technology	QD-Mini LED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	144 Hz Native
Operating System	Google TV
Connectivity	Bluetooth, Wi-Fi, Ethernet
HDMI Ports	4 (some supporting 4K@144Hz, eARC)
USB Ports	2 (1x USB 3.0)
Audio Output	Optical Audio Out, Built-in ONKYO speakers with subwoofer, Dolby Atmos, DTS Virtual:X
VESA Mount Standard	200 x 200 mm

Feature	Detail
Product Dimensions (D x W x H)	30.2D x 122.9W x 76H Centimetres (with stand)
Item Weight	18.14 kg
Model Year	2025

8. WARRANTY INFORMATION

This TCL 55QM6K Series TV comes with a **1 Year Manufacturer Limited Warranty**. For specific terms and conditions, please refer to the warranty card included with your product or visit the official TCL support website. Keep your proof of purchase for warranty claims.

9. SUPPORT

For further assistance, technical support, or service inquiries, please contact TCL Customer Service. You can find contact information on the official TCL website or in the Quick Start Guide provided with your TV.

Online Resources: Visit the TCL support website for FAQs, software downloads, and additional product information.

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

