TCL 55QM751G

TCL 55-Inch QM7 QLED 4K Smart QD-Mini LED TV Instruction Manual

Model: 55QM751G

| Setup | Operating | Features | Maintenance | Troubleshooting | Specifications | Support |

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your new TCL 55-Inch QM7 QLED 4K Smart QD-Mini LED TV. Please read these instructions carefully to ensure optimal performance and longevity of your television. The TCL QM7 series offers advanced picture and sound technologies for an immersive viewing experience.

SETUP

Unboxing and Initial Inspection

Carefully remove the television from its packaging. It is recommended that two people handle the TV to prevent damage. Inspect the TV and all included components for any signs of damage. If any damage is found, do not proceed with setup and contact customer support.

What's in the Box

- 1x TCL 55-Inch QM7 QLED 4K Smart QD-Mini LED TV
- 1x Quick Start Guide
- 1x Power Cable
- 1x TV Remote
- 2x AAA TV Remote Batteries
- 1x Stand Plate
- 1x Stand Neck Component

Image: Front view of the TCL 55-Inch QM7 TV, showcasing its slim design and the included remote control and stand components.
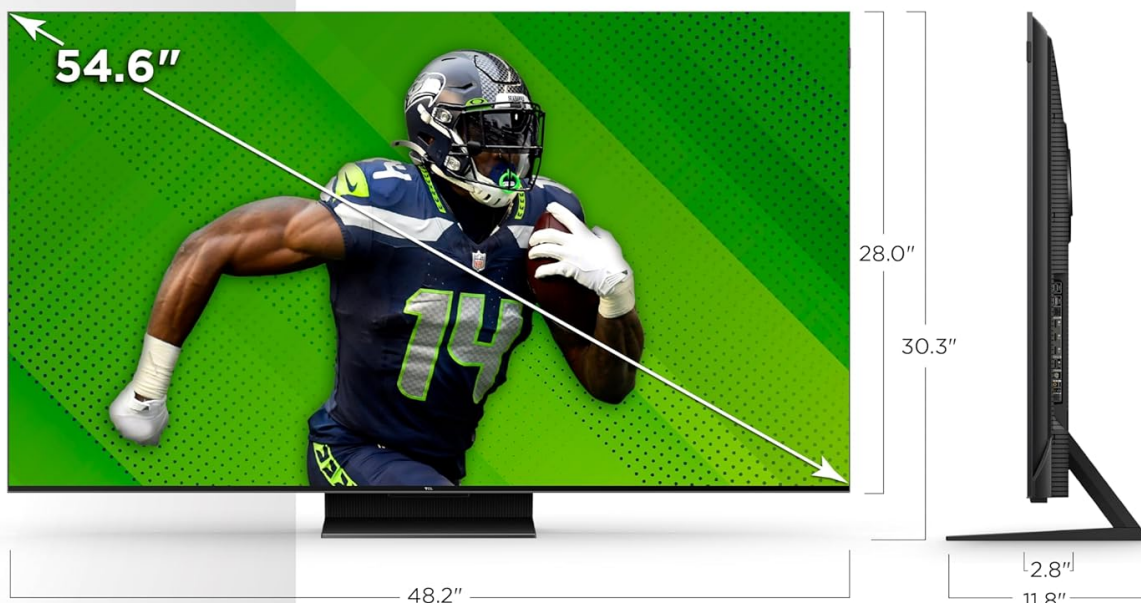
Assembling the Stand

1. Attach the stand neck component to the stand plate using the provided screws.
2. Carefully place the TV face down on a soft, flat surface.
3. Align the assembled stand with the mounting holes on the bottom of the TV.
4. Secure the stand to the TV using the remaining screws.

54.6"

28.0"

30.3"

48.2"

2.8"

11.8"

Dimensions:

TV with Stand:
48.2" x 30.3" x 11.8"

TV without Stand:
48.2" x 28.0" x 2.8"

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: A detailed diagram illustrating the dimensions of the TCL 55QM751G television with and without its stand, alongside a list of items included in the packaging.

Connecting Power and External Devices

Connect the power cable to the TV and then to a power outlet. Connect your external devices (e.g., cable box, gaming console, soundbar) to the appropriate ports on the TV. Refer to the 'Connectivity' section for port details.

OPERATING

First-Time Setup (Google TV)

Upon first power-on, the TV will guide you through the initial setup process for Google TV. This includes connecting to Wi-Fi, signing in with your Google account, and installing essential apps. Follow the on-screen prompts.

Using the Remote Control

The included remote control is designed for intuitive navigation of your Google TV. It features dedicated buttons for popular streaming services and voice control capabilities.
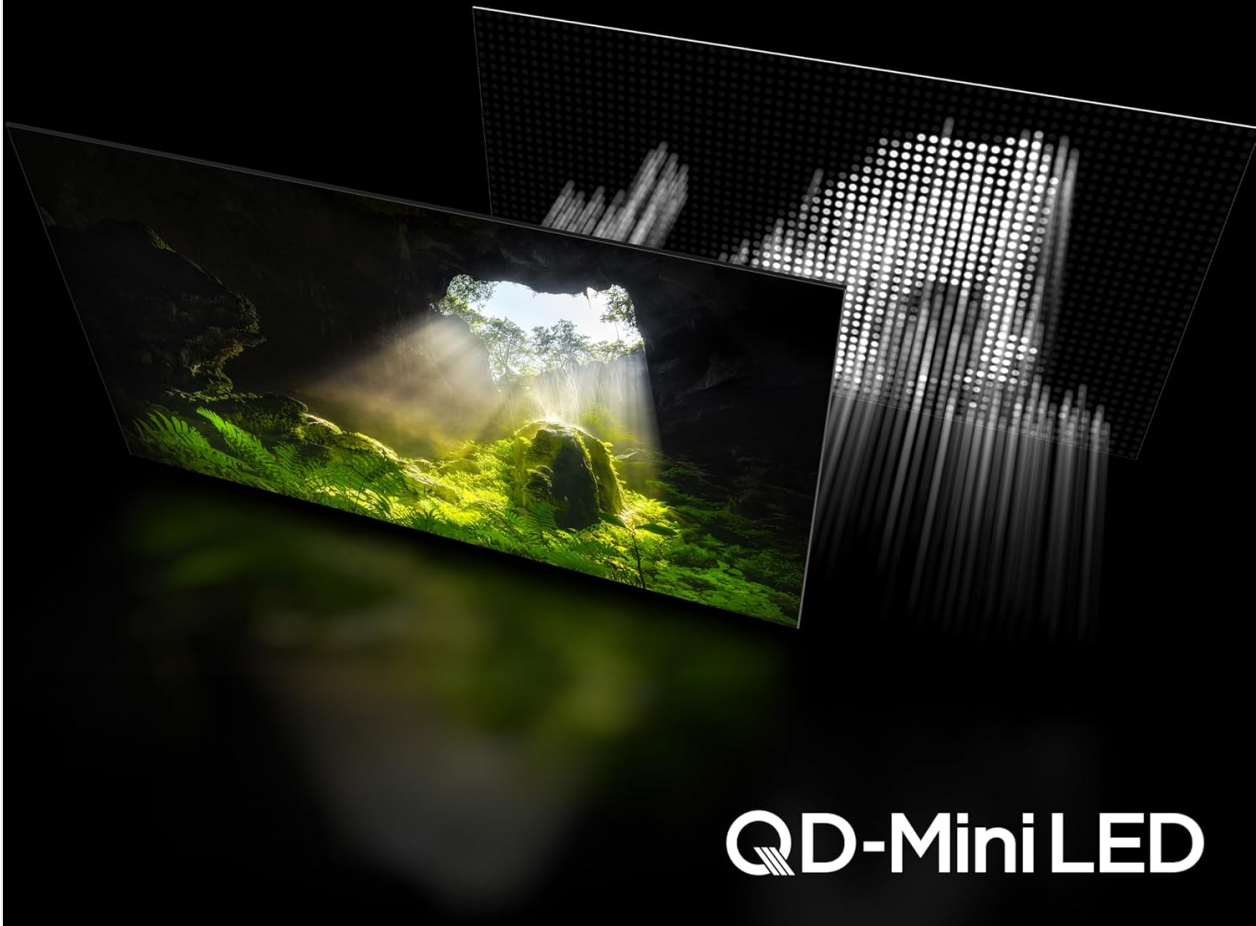
Image: A close-up of the TCL TV remote control, highlighting its backlit buttons for easy use in low-light conditions.

Key Remote Features:

- **Voice Assistant Button:** Press to activate Google Assistant for voice commands.
- **Navigation Pad:** Use the directional buttons and 'OK' button to navigate menus.
- **Home Button:** Returns to the Google TV home screen.
- **Back Button:** Returns to the previous screen.
- **Quick Settings Button:** Accesses a menu for quick adjustments to picture, sound, and other settings.
- **Volume/Channel Buttons:** Adjust volume and change channels.
- **App Shortcut Buttons:** Direct access to Netflix, Prime Video, YouTube, TCL TV, Apple TV, and Pluto TV.

Video: A user demonstrates the features of the TCL 55-Inch QM7 TV, including navigating the Google TV interface and using the voice remote. This video highlights the ease of use and smart functionalities.

KEY FEATURES

Picture Quality

The TCL QM7 series delivers exceptional visual performance with advanced display technologies:

- **4K UltraHD Resolution:** Experience incredible detail with four times the resolution of 1080p Full HDTVs.
- **QD-Mini LED:** Up to 1,500+ local dimming zones provide stunning contrast with deep blacks and intense whites.
- **QLED ULTRA – Quantum Dot Technology:** Rich, vibrant colors covering nearly the entire DCI-P3 color space bring images to life.
- **High Brightness ULTRA LED Backlight:** Up to 1,500 nits peak brightness creates ultra-bright images with dazzling specular highlights for an immersive cinematic experience.
- **120Hz Panel Refresh Rate (144 Hz Variable Refresh Rate):** Enjoy smooth video playback for action-packed movies, fast-paced video games, and live sports, free of motion blur.
- **TCL AIPQ PRO Processor with Deep Learning AI:** This powerful processor intelligently optimizes color, contrast, and clarity for an unrivaled 4K HDR experience.
- **HDR ULTRA with Dolby Vision IQ, HDR10+, HDR10, & HLG:** Enjoy enhanced contrast, accurate colors, and fine details utilizing all advanced HDR formats.
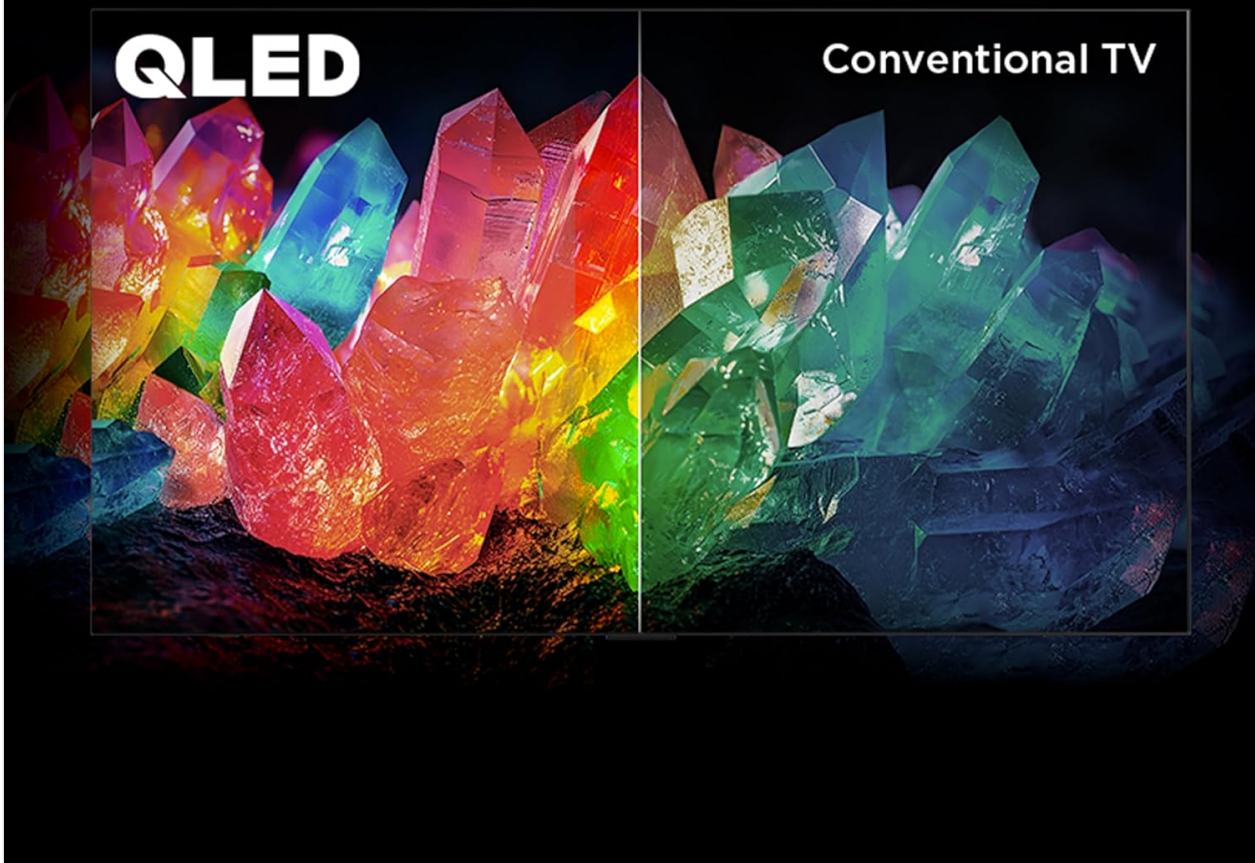

Image: The TCL QM7 TV screen shows a vibrant scene with strong contrast, demonstrating the effectiveness of QD-Mini LED technology in producing deep blacks and bright highlights.

Image: A side-by-side comparison on the TCL QM7 TV, illustrating the rich and vibrant colors achieved with QLED ULTRA Quantum Dot technology versus a conventional television.

120 Hz Panel Refresh Rate (144 Hz Variable Refresh Rate – Clearer, fast action in Movies, Sports, and Gaming

Image: The TCL QM7 TV screen displays a scene with intense brightness and dynamic range, highlighting the capabilities of the High Brightness ULTRA LED Backlight against a conventional TV.

Video: A comparison between TCL QM6K and QM7 TVs, demonstrating differences in picture quality, color reproduction, and upscaling capabilities. This video helps users understand the visual performance of the QM7.

Sound Quality

The TCL QM7 series enhances your audio experience:

- **Dolby Atmos:** Delivers immersive, multi-dimensional sound that moves around you.
- **DTS Virtual:X:** Provides an enhanced audio experience with virtual surround sound.
- **ONKYO Speaker System with Built-in Subwoofer:** High-performance speakers with a dedicated subwoofer for rich, powerful bass.

TCL AIPQ™ PRO Processor – Intelligently Optimized Clarity, Contrast, and Color
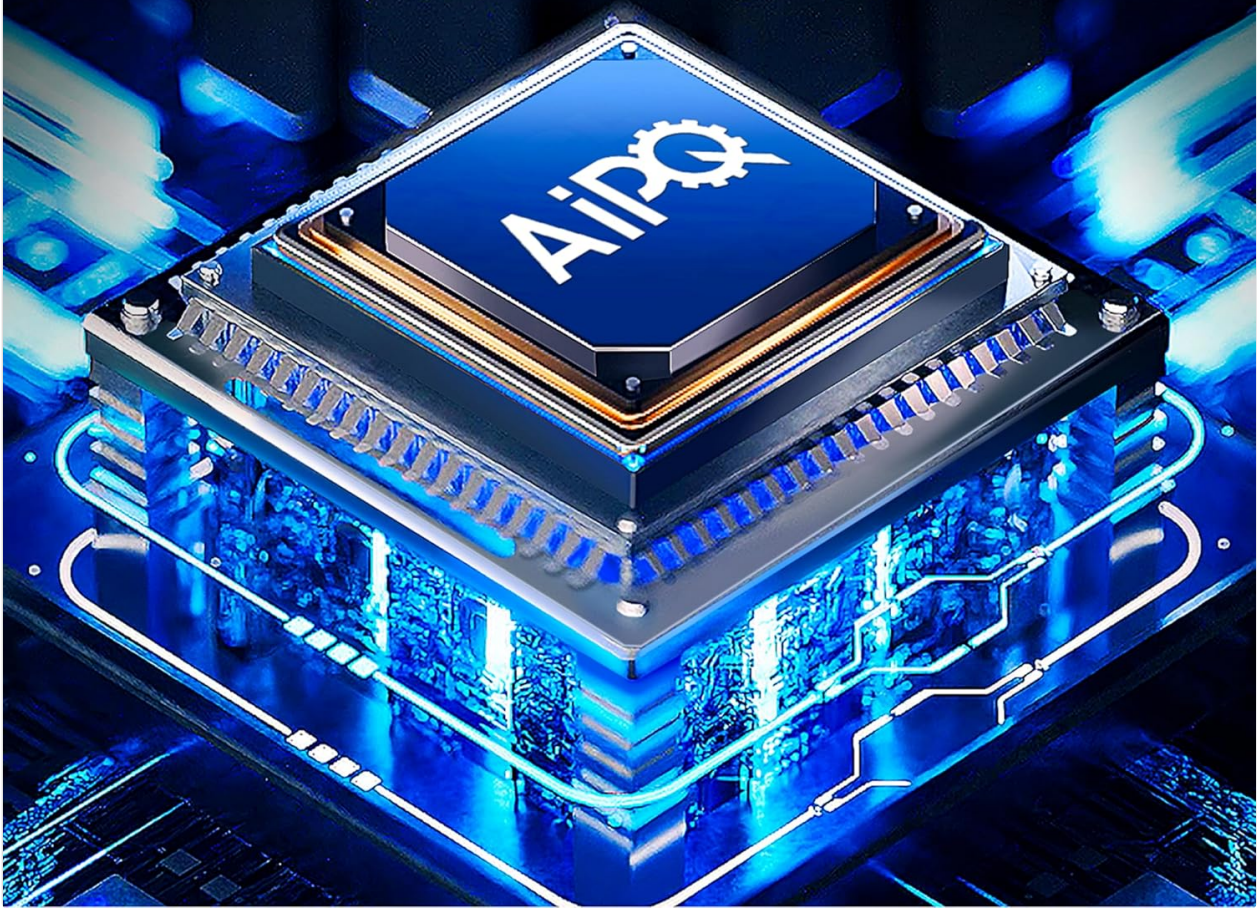
Image: The rear view of the TCL QM7 TV, highlighting the integrated ONKYO Ultra-Bass speaker system for enhanced audio performance.

Gaming Features

Optimized for gamers, the QM7 offers:

- **Game Accelerator 240:** With up to blistering fast 240 VRR, enjoy more responsive gameplay without lag.
- **Auto Game Mode (ALLM) with AMD FreeSync Premium Pro:**Automatically enables game mode for the lowest possible input lag and latency.

Image: The TCL QM7 TV screen shows a dynamic gaming scene with a 'Game Accelerator 240' graphic, emphasizing its high refresh rate and smooth gameplay features.

Video: A detailed comparison between the TCL QM7 and Hisense U7N TVs, focusing on gaming performance, picture quality, and motion handling. This video helps users understand the gaming capabilities of the QM7.

CONNECTIVITY

The TCL QM7 TV offers a variety of connectivity options:

- **HDMI Ports:** Multiple HDMI ports for connecting gaming consoles, Blu-ray players, and other devices.
- **USB Ports:** For connecting USB drives to play media or power accessories.
- **Ethernet (LAN) Port:** For a stable wired internet connection.
- **Wi-Fi:** Built-in Wi-Fi for wireless internet access and streaming.
- **Bluetooth:** For connecting wireless headphones, soundbars, or other Bluetooth-enabled devices.

MAINTENANCE

Cleaning the TV

- Always unplug the TV before cleaning.
- Use a soft, dry, lint-free cloth to gently wipe the screen and cabinet.
- For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals).
- Do not spray liquid directly onto the TV.

Software Updates

Your TCL TV may receive automatic software updates to improve performance and add new features. Ensure your TV is connected to the internet to receive these updates. You can also manually check for updates in the TV's settings menu.

TROUBLESHOOTING

No Power

- Check if the power cable is securely connected to both the TV and the power outlet.
- Ensure the power outlet is working by plugging in another device.
- Press the power button on the TV itself, not just the remote.

No Picture or Poor Picture Quality

- Verify that the correct input source is selected (e.g., HDMI 1, AV).
- Check all cable connections between the TV and external devices.
- Adjust picture settings (brightness, contrast, color) in the TV's menu.
- If using an antenna, check the antenna connection and perform a channel scan.

No Sound or Poor Sound Quality

- Ensure the volume is not muted or set too low.
- Check audio cable connections to external devices or soundbars.
- Adjust sound settings (sound mode, balance) in the TV's menu.
- If using external audio, ensure the TV's internal speakers are not conflicting.

Remote Control Not Working

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

SPECIFICATIONS

Feature	Detail
Brand	TCL
Model Number	55QM751G
Screen Size	55 Inches

Display Technology	QD Mini-LED, QLED
Resolution	4K UltraHD (3840 x 2160)
Refresh Rate	120Hz Native (144Hz Variable Refresh Rate)
HDR Support	Dolby Vision IQ, HDR10+, HDR10, HLG
Operating System	Google TV
Voice Assistant	Google Assistant, Works with Alexa
Audio Technology	Dolby Atmos, DTS Virtual:X, ONKYO Speaker System with Built-in Subwoofer
Connectivity	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Product Dimensions (with stand)	48.19"W x 11.8"D x 30.3"H
Product Dimensions (without stand)	48.19"W x 2.8"D x 28.0"H
Item Weight	28.88 Pounds

WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official TCL support website. For technical assistance, troubleshooting, or service requests, please contact TCL Customer Support. You can find contact details on the TCL website or in your Quick Start Guide.

Online Resources:

- Visit the TCL Store on Amazon for product information.