

## TCL 65QM8B

# TCL 65QM8B Mini LED QLED 4K HDR Google TV 65-inch Instruction Manual

## 1. INTRODUCTION

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This manual provides essential information for setting up, operating, and maintaining your TCL 65QM8B Mini LED QLED 4K HDR Google TV. Please read it thoroughly before use to ensure proper functionality and safety. This television combines advanced Mini LED and QLED technologies with a 144Hz refresh rate, 4K HDR Premium 1300nits brightness, and the Google TV smart platform, offering a premium viewing and gaming experience.

## 2. IMPORTANT SAFETY INFORMATION

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- **Electrical Safety:** Always ensure the power cable is securely connected to a grounded outlet. Do not overload power strips. Disconnect the power plug during lightning storms or when unused for long periods.
- **Ventilation:** Maintain adequate space around the TV for proper ventilation. Do not block ventilation openings. Avoid placing the TV on soft surfaces like carpets or beds that may obstruct airflow.
- **Cleaning:** Unplug the TV before cleaning. Use a soft, dry cloth to clean the screen and cabinet. Avoid liquid cleaners, aerosols, or abrasive cloths.
- **Handling:** The TV is heavy. Always use at least two people when lifting or moving the television to prevent injury or damage.
- **Children:** Do not allow children to climb on the TV or stand. Ensure the TV is placed on a stable surface or securely wall-mounted to prevent tipping.
- **Moisture:** Do not expose the TV to rain or moisture. Do not place objects filled with liquids, such as vases, on the TV.

## 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- TCL 65QM8B 65-inch Mini LED QLED 4K HDR Google TV
- Remote Control
- AAA Batteries (2x)

- Power Cable
- User Manual (this document)
- TV Stand Components (Base and Screws)

## 4. SETUP GUIDE

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### 4.1 Unpacking and Placement

Carefully remove the TV from its packaging. It is recommended that two people handle the TV due to its size and weight. Place the TV on a flat, stable surface or prepare for wall mounting.



Image: Front view of the TCL 65QM8B TV on its stand.

### 4.2 Assembling the Stand / Wall Mounting

If using the included stand, attach the base to the TV following the instructions provided in the separate quick start guide. Ensure all screws are tightened securely. For wall mounting, the TV supports a VESA standard of 300 x 300 mm. Use a compatible wall mount bracket (sold separately) and consult a professional for installation.



Image: Technical drawing showing the dimensions of the TCL 65QM8B TV with its stand, and a view of the remote control.

### 4.3 Connecting Peripherals

Connect your external devices to the TV using the available ports:

- **HDMI (x4):** For high-definition devices such as game consoles (PlayStation, Xbox), Blu-ray players, and soundbars.
- **USB (x1):** For connecting USB storage devices to play media files or for software updates.
- **LAN (Ethernet):** For a stable wired internet connection.
- **Optical (Digital Audio Out):** For connecting to external audio receivers or sound systems.
- **AV Input:** For connecting older devices with composite video and stereo audio outputs.
- **Headphone:** For private audio listening.

- **CI Slot:** For inserting a Conditional Access Module (CAM) for encrypted digital TV services.



Image: Diagram illustrating the various connectivity ports on the TCL 65QM8B TV, including HDMI, USB, LAN, Optical, AV Input, Headphone, and CI Slot.

## 5. OPERATING YOUR TV

### 5.1 First-Time Setup and Google TV

After connecting the power cable and turning on the TV, follow the on-screen instructions for the initial setup. This includes selecting your language, connecting to a Wi-Fi network, and logging in with your Google account to access Google TV features and apps.

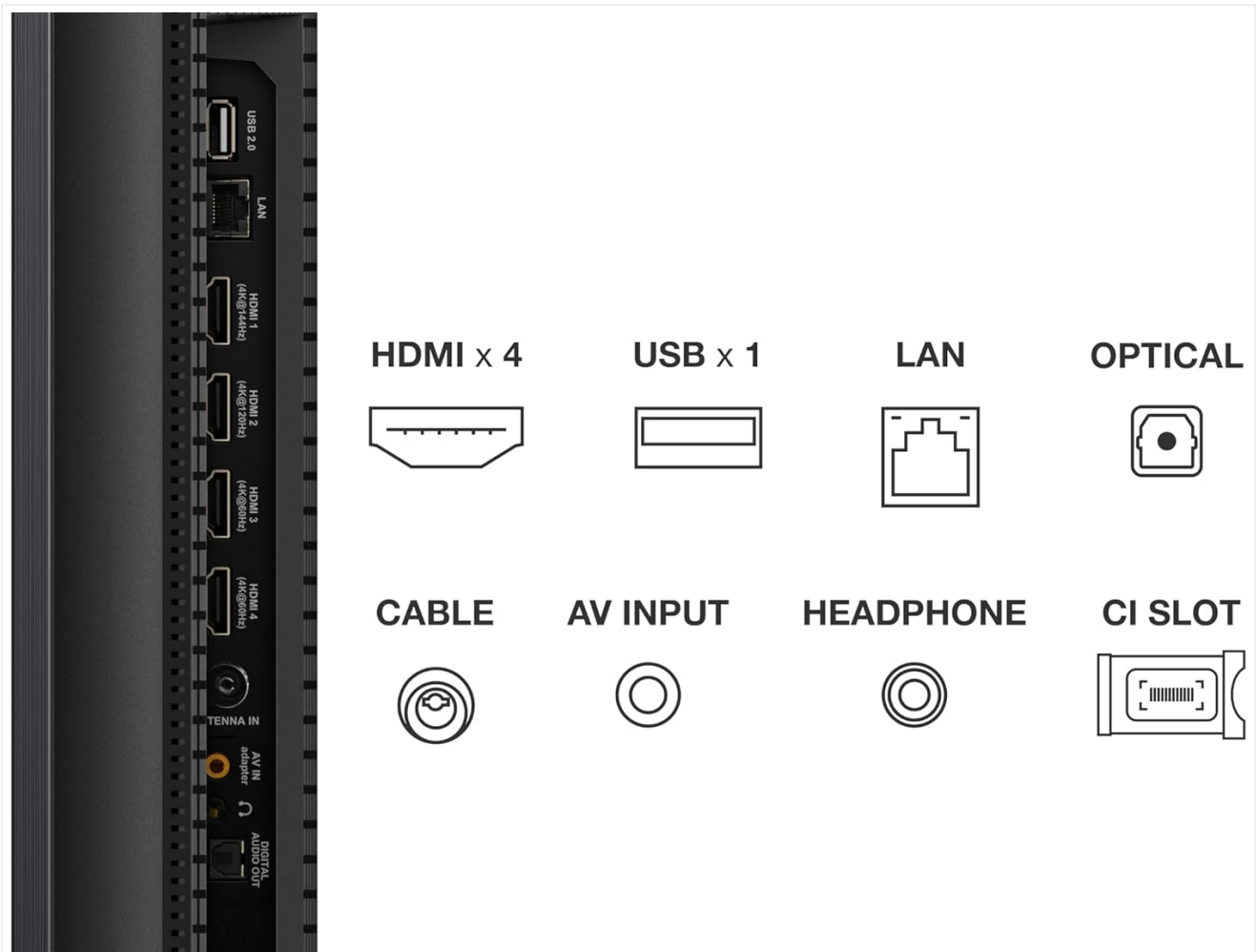


Image: The TCL 65QM8B TV screen showing the Google TV home interface with various streaming app icons and content recommendations.

### 5.2 Remote Control Functions

The included remote control allows you to navigate the TV's interface and control various functions. Key buttons include Power, Volume Up/Down, Channel Up/Down, Input Source selection, and a dedicated Google Assistant button for voice commands.

### 5.3 Key Features

#### Mini LED Technology

The TCL 65QM8B utilizes Mini LED backlighting, which consists of thousands of tiny LEDs. This technology allows for precise light control, delivering deeper blacks, brighter whites, and enhanced contrast compared to traditional LED TVs.



Image: A visual representation of Mini LED technology, showing how small LEDs provide precise backlighting for improved picture quality.

### Full Array Local Dimming (FALD)

The TV's screen is divided into over 500 local dimming zones. Full Array Local Dimming precisely adjusts the brightness of each zone, optimizing contrast and ensuring that dark areas remain dark while bright areas shine, revealing more detail in every scene.

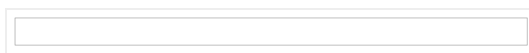


Image: A diagram demonstrating Full Array Local Dimming, showing how different zones of the backlight are controlled independently to enhance contrast.

### QLED Display

Quantum Dot (QLED) technology enhances color reproduction, allowing the TV to display over a billion shades of vibrant, accurate colors. This results in a wider color gamut and more lifelike images.

### 144Hz VRR for Gaming

Designed for gamers, the 144Hz Variable Refresh Rate (VRR) ensures ultra-smooth motion and reduced input lag. This feature, combined with Game Master Pro 2.0 and AMD FreeSync Premium, provides a highly responsive and immersive gaming experience without screen tearing or stuttering.



Image: A person enjoying a video game on the TCL 65QM8B TV, highlighting the immersive gaming experience.

### Dolby Vision IQ & Dolby Atmos

Experience cinematic visuals with Dolby Vision IQ, which intelligently optimizes picture quality based on ambient light. Complementing this, Dolby Atmos delivers immersive, multi-dimensional audio through the integrated Onkyo 2.0 sound system, placing you in the center of the action.

## 6. MAINTENANCE

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### 6.1 Cleaning Your TV

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water. Never spray liquid directly onto the screen. For the TV cabinet, use a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.

### 6.2 Software Updates

Your TCL TV may receive software updates to improve performance and add new features. To check for updates, navigate to the Settings menu on your Google TV interface and look for the 'About' or 'System Update' section. Ensure your TV is connected to the internet for updates.

## 7. TROUBLESHOOTING

If you encounter issues with your TV, refer to the following common problems and solutions:

Problem	Possible Solution
No Power	Check if the power cable is securely plugged into the TV and a working electrical outlet. Try a different outlet.
No Picture / Black Screen	Ensure the correct input source is selected. Check all HDMI/AV cables for secure connections. Try restarting the TV.
No Sound	Check the volume level. Ensure the TV is not muted. Verify audio output settings (e.g., internal speakers vs. external sound system). Check audio cables if using external speakers.
Remote Control Not Working	Replace the batteries. Ensure there are no obstructions between the remote and the TV's IR sensor.
Network Connection Issues	Check your Wi-Fi router and modem. Restart network equipment. Re-enter Wi-Fi password in TV settings. Try a wired Ethernet connection if Wi-Fi fails.
Picture Quality Issues (e.g., blurry, distorted)	Check the resolution of the input source. Adjust picture settings (brightness, contrast, sharpness) in the TV menu. Ensure cables are high-quality and properly connected.

## 8. TECHNICAL SPECIFICATIONS

Below are the detailed technical specifications for the TCL 65QM8B TV:

Feature	Specification
Model Number	65QM8BX1
Screen Size	65 inches (164 cm)
Display Technology	Mini LED, QLED
Resolution	4K UHD (3840 x 2160)
Refresh Rate	144 Hz (VRR)
HDR Support	HDR Premium 1300nits, Dolby Vision IQ
Audio System	Onkyo 2.0, Dolby Atmos, DTS:X
Operating System	Google TV
Connectivity	4x HDMI, 1x USB, LAN, Wi-Fi, Bluetooth 5.0, Optical Out, AV Input, Headphone, CI Slot
VESA Mount Standard	300 x 300 mm
Dimensions (with stand)	144.4 cm (W) x 89.8 cm (H) x 32 cm (D)
Weight (without stand)	20.7 Kilograms

Feature	Specification
Power Consumption (SDR)	111 kWh/1000h
Power Consumption (HDR)	240 kWh/1000h
Included Components	Remote control, batteries, manual, power cable



Image: EU Energy Efficiency Label for the TCL 65QM8B TV, showing energy class G for SDR and HDR, and power consumption values.

For more details, visit the [EPREL database](#).

## 9. WARRANTY AND SUPPORT

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Your TCL 65QM8B TV comes with a limited warranty. Please refer to the warranty card included in your package for specific terms and conditions.

- **General Guarantee:** 2 years
- **Software Updates Guaranteed:** Up to 8 years from the date of market placement.
- **Spare Parts Availability:** Guaranteed for 8 years from the date of market placement.
- **Product Support Guaranteed:** 8 years.

### Manufacturer Contact Information

For technical support, service, or warranty inquiries, please contact TCL customer support:

- **Manufacturer:** TCL
- **Website:** [www.tcl.com](http://www.tcl.com)
- **Telephone:** +48 46 854 01 00 (Please note this number may be specific to a region; check the TCL website for local contact details.)