

TCL 65QM851G

TCL 65-Inch QM85 QLED 4K Smart QD-Mini LED TV User Manual

Model: 65QM851G

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your TCL 65-Inch QM85 QLED 4K Smart QD-Mini LED TV. Please read this manual thoroughly before using your television to ensure proper operation and to maximize your viewing experience. Keep this manual for future reference.

The TCL QM8 series combines advanced display technologies such as 4K HDR, Quantum Dot, and Mini-LED for exceptional picture quality. It features a 120Hz native panel refresh rate, Game Accelerator 240 for gaming, and an ONKYO speaker system with Dolby Atmos for immersive audio. The integrated Google TV platform offers smart functionality and voice control.



Image 1.1: The TCL QM8 TV showcasing its vibrant display with an NFL game.

2. PACKAGE CONTENTS

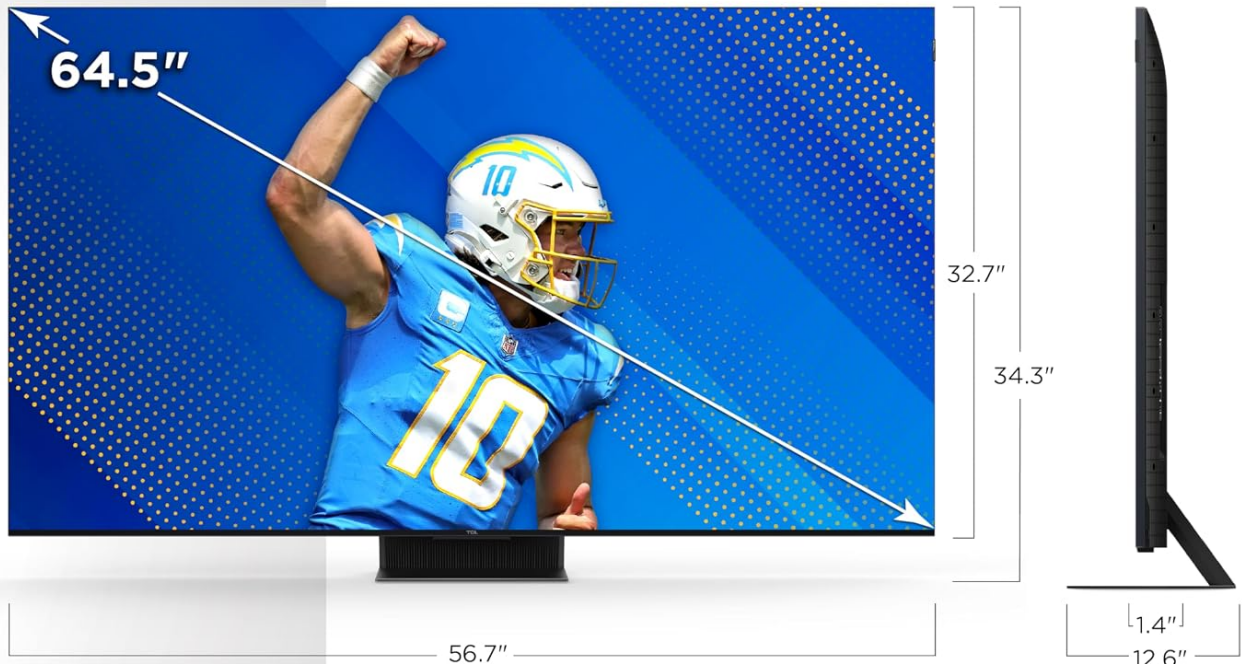
Verify that all components listed below are included in your TV package. If any items are missing or damaged, please contact customer support.

- 1x TCL 65-Inch QM85 QLED 4K Smart QD-Mini LED TV
- 1x Power Cable
- 1x Quick Start Guide
- 1x Stand Neck Component
- 1x Stand Plate
- 1x TV Remote
- 2x AAA TV Remote Batteries

TCL

65" Class

Model:
65QM851G



Dimensions:

TV with Stand:
56.7" x 34.3" x 12.6"

TV without Stand:
56.7" x 32.7" x 1.4"

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 2.1: Visual representation of the TV's dimensions and included accessories.

3. SETUP GUIDE

3.1 Unpacking and Placement

1. Carefully remove the TV from its packaging. It is recommended that two people handle the TV to prevent damage.
2. Place the TV on a stable, flat surface or prepare for wall mounting. Ensure adequate ventilation around the TV.

3.2 Stand Installation (Optional)

If you are not wall-mounting your TV, follow these steps to install the stand:

1. Place the TV face down on a soft, clean surface to prevent screen damage.
2. Attach the stand neck component to the TV using the provided screws.
3. Secure the stand plate to the stand neck component.
4. Carefully lift the TV to its upright position.

3.3 Connecting Peripherals

Connect your devices to the TV using the appropriate ports.

1. **Power Connection:** Plug the power cable into the TV's power input and then into a wall outlet.
2. **HDMI Devices:** Connect Blu-ray players, game consoles, or set-top boxes to the HDMI ports.
3. **Network Connection:** For internet access, connect an Ethernet cable to the LAN port or connect wirelessly via Wi-Fi during initial setup.



Worldwide Olympic Partner

INSPIRE GREATNESS

PROUD TO BE WORLDWIDE OLYMPIC PARTNER



Image 3.1: Front view of the TCL QM8 TV, illustrating its design.

4. OPERATING INSTRUCTIONS

4.1 Initial Power On and Setup

1. After connecting the power, press the power button on the remote control or the TV.
2. Follow the on-screen instructions to complete the initial setup, including language selection, network connection,

and Google TV account setup.

4.2 Basic TV Functions

Use the provided remote control to navigate and control your TV.

- **Power Button:** Turns the TV on or off.
- **Volume Buttons:** Adjusts the sound level.
- **Channel Buttons:** Changes TV channels (if connected to an antenna/cable).
- **Input Button:** Selects the input source (HDMI 1, HDMI 2, etc.).
- **Navigation Pad:** Moves through menus and selects options.



Image 4.1: The TCL TV remote control for navigating Google TV and basic functions.

4.3 Smart TV Features (Google TV)

Your TCL QM8 TV runs on Google TV, providing access to a wide range of streaming services and smart features.

- **Home Screen:** Access personalized content recommendations, apps, and settings.

- **Apps:** Download and manage applications from the Google Play Store.
- **Voice Control:** Use the voice remote to search for content, control smart home devices, and ask questions via Google Assistant or Alexa.

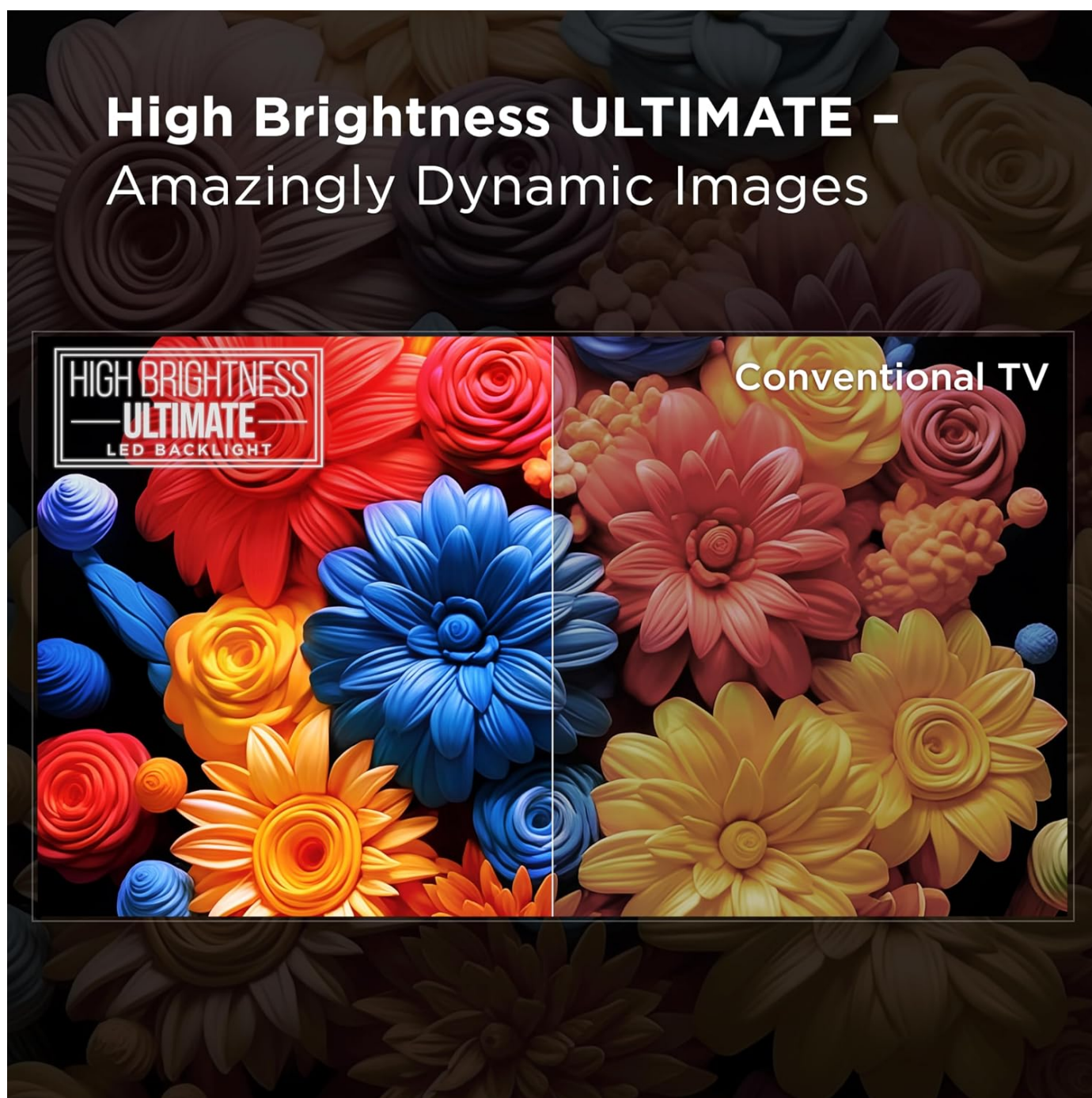


Image 4.2: The Google TV interface, offering a personalized content experience.

4.4 Picture and Sound Settings

Customize your viewing and listening experience through the TV's settings menu.

- **Picture Modes:** Select from various preset modes (e.g., Standard, Movie, Game) or customize settings like brightness, contrast, and color.
- **QLED ULTRA:** Experience rich, vibrant colors with Quantum Dot technology.
- **QD-Mini LED ULTRA:** Benefit from up to 5,000 local dimming zones for deep blacks and bright whites.
- **High Brightness ULTIMATE LED Backlight:** Enjoy up to 5,000 nits peak brightness for dazzling highlights.
- **HDR ULTRA with Dolby Vision IQ:** Optimizes picture quality based on room lighting.

- **Sound Modes:** Choose from sound presets (e.g., Standard, Music, Movie) or adjust equalizer settings.
- **Dolby Atmos & ONKYO Speaker System:** Provides immersive, room-filling audio with a built-in subwoofer and up-firing speakers.

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



Image 4.3: QLED ULTRA technology delivers a wider spectrum of colors compared to conventional TVs.

TCL AIPQ™ PRO Processor – Intelligently Optimized Clarity, Contrast, and Color

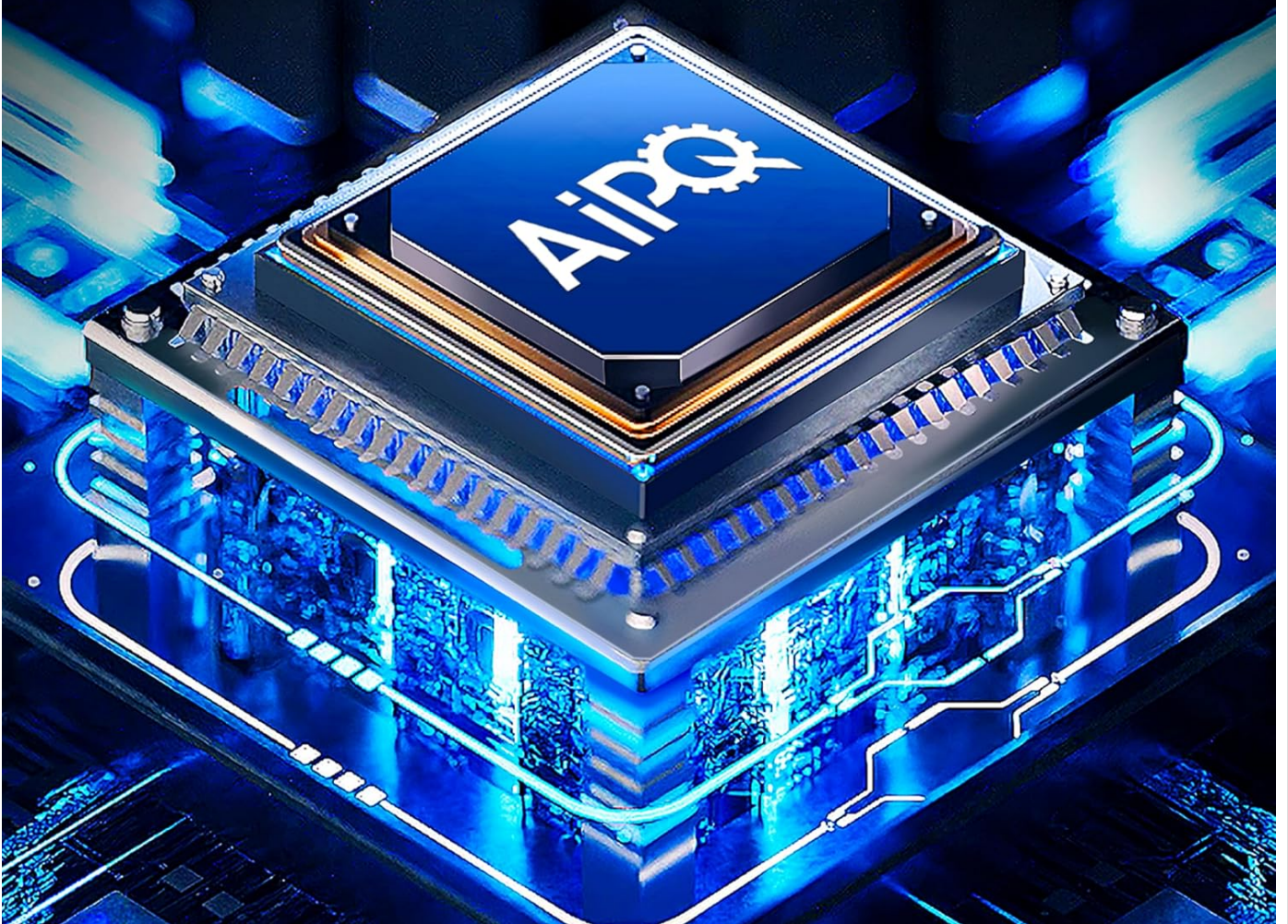


Image 4.4: High Brightness ULTIMATE LED Backlight enhances dynamic range for stunning visuals.

2.1.2 Channel Speaker System – Built-in Subwoofer & Up-Firing Speakers for Room-Filling Sound



Image 4.5: The TCL AIPQ PRO Processor intelligently optimizes clarity, contrast, and color.

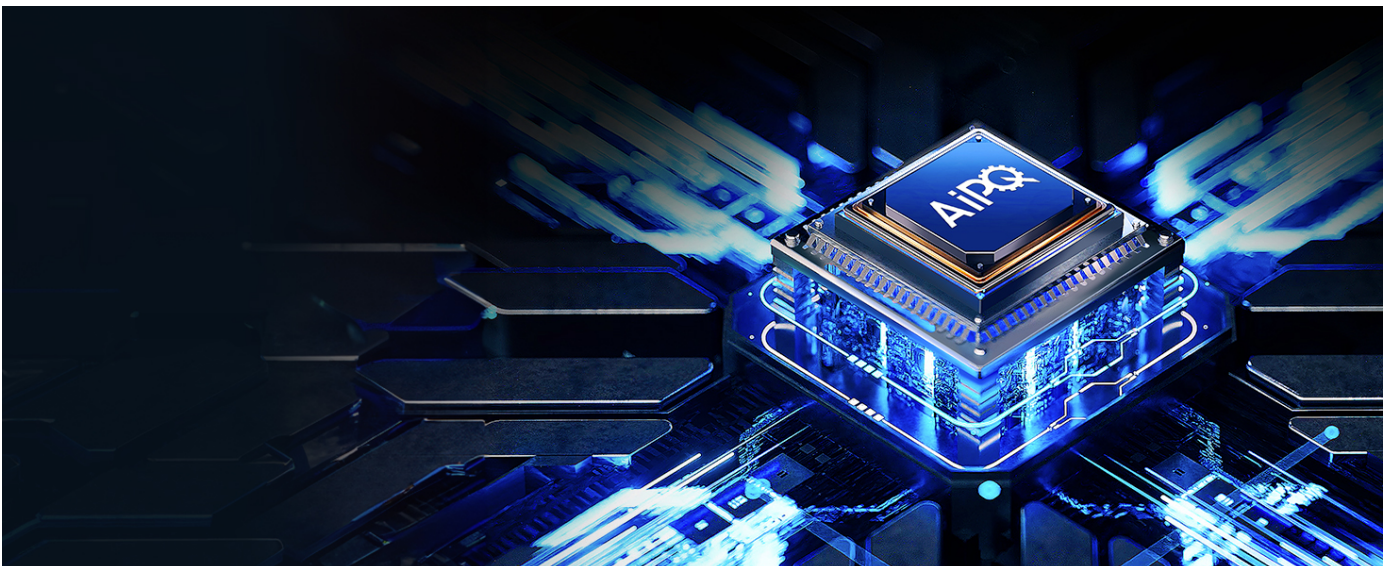


Image 4.6: HDR Ultra with Dolby Vision IQ provides cinematic picture quality that adapts to your room's lighting.

4.5 Gaming Features

The TCL QM8 TV is optimized for gaming with features designed to enhance responsiveness and visual fluidity.

- **120Hz Panel Refresh Rate (144Hz VRR):** Ensures smooth motion for fast-paced games and action scenes.
- **Game Accelerator 240:** Provides up to 240 VRR for ultra-responsive gameplay.
- **Auto Game Mode (ALLM):** Automatically switches to low-latency mode when a game console is detected.
- **AMD FreeSync Premium Pro:** Reduces screen tearing and stuttering for a fluid gaming experience.



Image 4.7: Game Accelerator 240 ensures blistering fast and responsive gameplay.

5. MAINTENANCE

Proper care and maintenance will extend the life of your TV.

- **Screen Cleaning:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cabinet Cleaning:** Wipe the TV cabinet with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the back of the TV are not blocked to prevent overheating.
- **Power Cord:** Regularly check the power cord for any damage.

6. TROUBLESHOOTING

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

- **No Power:**
 - Check if the power cord is securely plugged into both the TV and the wall outlet.
 - Ensure the wall outlet is functioning by plugging in another device.
 - Try pressing the power button on the TV itself, not just the remote.
- **No Picture, But Sound is Present:**
 - Verify the correct input source is selected (e.g., HDMI 1, HDMI 2).
 - Check the cable connections between the TV and the source device.
 - Restart the source device.

- **No Sound, But Picture is Present:**
 - Increase the volume on both the TV and any connected audio devices.
 - Check if the TV is muted.
 - Ensure audio cables are correctly connected.
 - If using external speakers, ensure they are powered on and correctly configured in the TV's audio settings.
- **Remote Control Not Working:**
 - Replace the batteries in the remote control.
 - Ensure there are no obstructions between the remote and the TV's IR sensor.
 - Re-pair the remote if it's a Bluetooth remote (refer to the Quick Start Guide for pairing instructions).
- **Network Connection Issues:**
 - Restart your router and modem.
 - Check Wi-Fi password if connecting wirelessly.
 - If using an Ethernet cable, ensure it is securely connected.
 - Try connecting to a different Wi-Fi network or using a wired connection if possible.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	TCL
Model Number	65QM851G
Screen Size	65 inches
Display Technology	QD Mini-LED, QLED
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	144 Hz (Variable Refresh Rate)
Processor	TCL AIPQ PRO Processor with Deep Learning AI
HDR Support	Dolby Vision IQ, HDR10+, HDR10, HLG
Peak Brightness	Up to 5,000 Nits
Local Dimming Zones	Up to 5,000+
Operating System	Google TV
Voice Assistant	Works with Alexa, Google Assistant
Audio Technology	Dolby Atmos, DTS Virtual:X, ONKYO Speaker System with Built-In Subwoofer
Gaming Features	Game Accelerator 240, Auto Game Mode (ALLM), AMD FreeSync Premium Pro
Connectivity	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Product Dimensions (without stand)	1.38"D x 56.69"W x 32.68"H

Item Weight	77.8 pounds
-------------	-------------

8. WARRANTY AND SUPPORT

Your TCL TV comes with a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included in your package or visit the official TCL support website. For technical assistance, troubleshooting, or service requests, please contact TCL customer support.

You can find additional support resources, FAQs, and contact information on the [TCL Official Store on Amazon](#) or the main TCL website.

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