

TCL 65QM8L

TCL 65QM8L Series SQD-Mini-LED QLED Smart TV

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your TCL 65 Inch Class QM8L Series SQD-Mini-LED QLED Smart TV. Please read it thoroughly before using the television and retain it for future reference. The TCL QM8L Series offers a premium viewing experience with its SQD-Mini LED technology, Deep Color System, and Halo Control System. It features a 144Hz native panel refresh rate, Google Gemini AI, and Bang & Olufsen audio for immersive entertainment.

2. SETUP

2.1 Unpacking and Assembly

Carefully remove the TV and all accessories from the packaging. Ensure all components listed in the 'What's in the Box' section are present.



QM8L SERIES SQD-MINI LED TV

The New Ultimate Choice

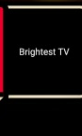


Image: Overview of the TCL 65QM8L TV, including its dimensions and a list of items included in the box such as the TV, stand, power cable, remote control, and quick start guide.

Stand Installation: Attach the TV stand to the bottom of the television using the provided screws. Ensure the stand is securely fastened before placing the TV on a stable surface.

Select Your Experience.

Choose the Ultimate Set Up For Your Space

QM7L

MADE FOR WINNERS



**Built for the digital athlete
hunting a tactical
multiplayer advantage**

- SQD-Mini LED Up to 100% BT.2020 Color*
- Up to 3,000 Nits Peak Brightness
- Up to 2,100 Discrete Dimming Zones
- WHVA 2.0 Pro Panel
- Audio by Bang & Olufsen - 2.2 CH Speaker System

This Model

QM8L

THE STADIUM JUST
GOT JEALOUS



**Built for the Sunday
Warrior demanding
absolute dominance**

- SQD-Mini LED Up to 100% BT.2020 Color*
- Up to 6,000 Nits Peak Brightness
- Up to 4,000 Discrete Dimming Zones
- WHVA 2.0 Ultra Panel with ZeroBorder
- Audio by Bang & Olufsen - 2.2.2 CH Speaker System

X11L

THE END OF THE
TV DEBATE



**Built for the luxury elite
demanding uncompromised
cinematic perfection.**

- SQD-Mini LED Up to 100% BT.2020 Color*
- Up to 10,000 Nits Peak Brightness
- Up to 20,000 Discrete Dimming Zones
- WHVA 2.0 Ultra Panel with ZeroBorder
- Audio by Bang & Olufsen - 5.2 CH Speaker System

100% of BT.2020 Color is based on typical achievement of 100% of the BT.2020 Color Ratio. Actual results may vary slightly due to differences in the test environment, standards, and equipment, as well as other factors such as reasonable production batch variations.

Image: A detailed view of the TV stand, showing its design and how it supports the television.

2.2 Connecting Devices

Connect your external devices such as Blu-ray players, gaming consoles, and sound systems to the appropriate ports on the back of the TV.

More Zones. More Nits. More Picture. High Zones & High Brightness

6000nits Peak Brightness



Image: A diagram illustrating the various input and output ports on the back of the TCL 65QM8L TV, including USB 3.0, USB 2.0, LAN, HDMI (eARC), HDMI 2, HDMI 3, HDMI 4, Cable/Antenna, and Optical Audio Out.

- **HDMI:** For high-definition video and audio. The TV features 4 HDMI ports, including one with eARC for enhanced audio return channel functionality.
- **USB:** Connect USB flash drives for media playback. One USB 3.0 and one USB 2.0 port are available.
- **LAN:** For a wired internet connection.
- **Optical Audio Out:** For connecting to soundbars or receivers.
- **Antenna/Cable:** For over-the-air or cable TV reception.

After connecting, plug the power cable into the TV and then into a wall outlet.

3. OPERATING INSTRUCTIONS

3.1 Initial Power On and Setup Wizard

Upon first power-on, the TV will guide you through an initial setup wizard. This includes language selection, network connection (Wi-Fi or Ethernet), and Google account sign-in for Smart TV features.

The Smartest Picture You Have Ever Seen. New TSR AI Pro Processor

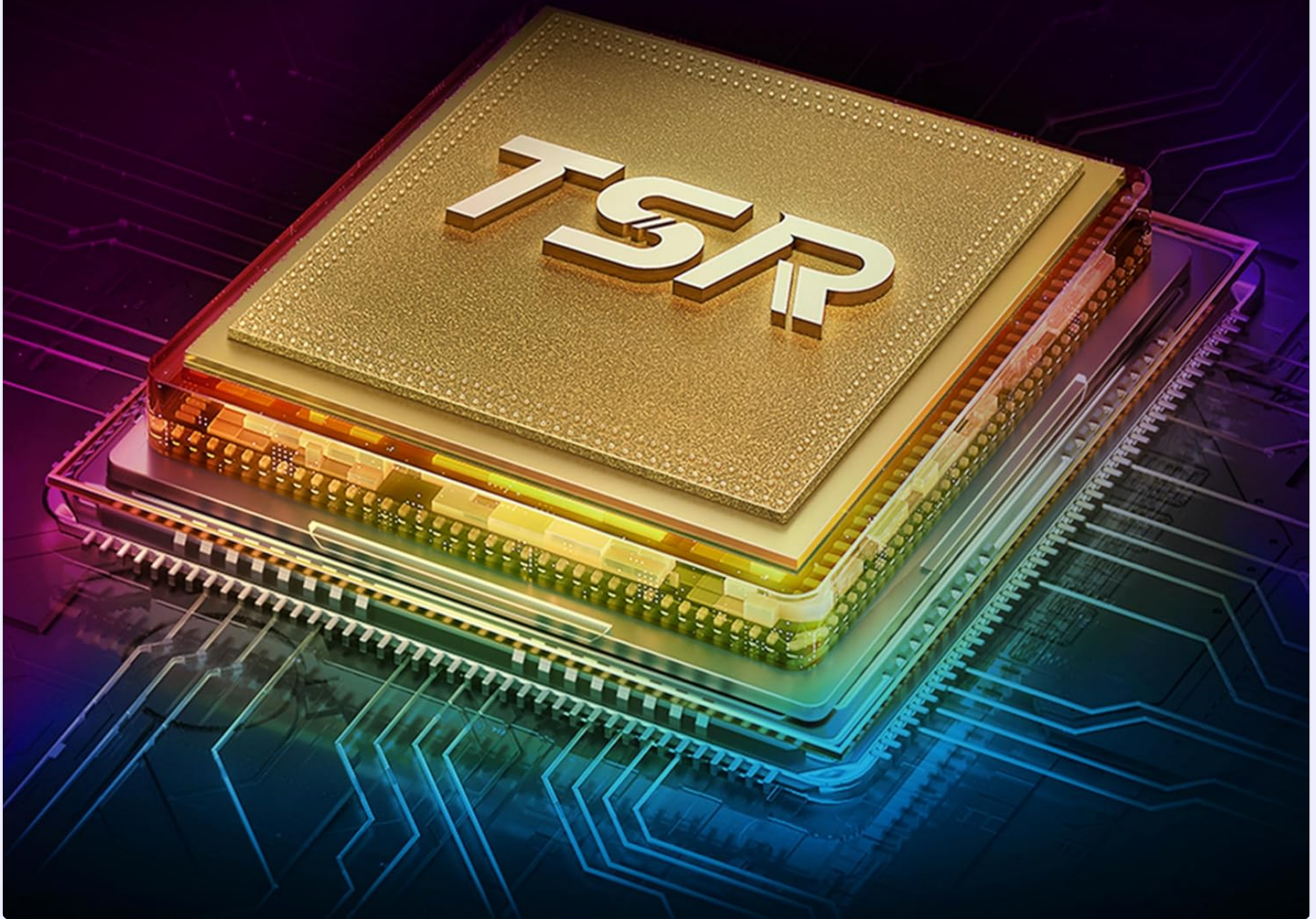


Image: The Google TV home screen on the TCL 65QM8L, showing various streaming app icons and content recommendations.

3.2 Smart TV Features with Google Gemini

Your TCL QM8L TV integrates Google Gemini Interactive AI, allowing for voice control and personalized content recommendations. Use the remote control's microphone button to activate voice commands.

Your TV Just Got a Lot Smarter with Google Gemini

Your TV should do more than play what you choose. Google Gemini integrates seamlessly into your life, finding shows, answering questions, controlling your smart home, and responding naturally the way a real conversation does. This is what smarter feels like.



Image: A family seated in a living room, interacting with the TCL TV which displays the Google Gemini interface, highlighting its smart features.

3.3 Audio by Bang & Olufsen

The TV features an integrated spatial sound system with Audio by Bang & Olufsen, including built-in subwoofers and surround channels for an immersive Dolby Atmos experience.

Audio by Bang & Olufsen

Sound experiences elevated by Bang & Olufsen.



Image: A living room scene with the TCL TV displaying a concert, illustrating the immersive audio experience provided by Bang & Olufsen sound.

3.4 Gaming Features

The TCL QM8L is equipped with the TCL Game Pack, including Game Accelerator 288 VRR, Game Bar, and AMD FreeSync Premium Pro, designed for smooth, low-latency gaming.

Game Accelerator 288 VRR

This is what a game-winning experience feels like. 288 VRR delivers visuals so fluid and controls so responsive that the gap between you and the competition disappears. Blistering fast. Built to win.



Image: A high-speed racing game displayed on the TCL TV, emphasizing the smooth visuals provided by Game Accelerator 288 VRR.

Auto Game Mode (ALLM) and Game Bar

You plug in. You play. Auto Game Mode and Game Bar handle everything else, automatically enabling the lowest possible input lag and putting every game setting at your fingertips for an unmatched, game-winning experience every time.



Image: A person playing a space-themed video game on the TCL TV, demonstrating the benefits of Auto Game Mode (ALLM) and the Game Bar for optimized gaming.

3.5 Video Overview

Your browser does not support the video tag.

Video: An official overview of the TCL QM8L Series TV, detailing its key features and design. This video is provided by TTE Technology Inc., the manufacturer.

4. MAINTENANCE

4.1 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 direct spraying onto the screen.

4.2 Cleaning the TV Body

Wipe the TV body and stand with a soft, dry cloth. Do not use liquid cleaners directly on the TV to prevent damage to electronic components.

4.3 General Care

- Avoid placing the TV in direct sunlight or near heat sources.
- Ensure adequate ventilation around the TV to prevent overheating.
- Unplug the TV during lightning storms or when it will be unused for extended periods.

5. TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Check if the power cable is securely connected to both the TV and the power outlet. Ensure the outlet is functional.
No Picture/Sound	Verify that the correct input source is selected. Check all cable connections (HDMI, antenna). Restart connected devices.
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.
Poor Picture Quality	Adjust picture settings (brightness, contrast, sharpness). Check the quality of the input signal. For streaming, ensure a stable internet connection.
No Internet Connection	Check your Wi-Fi router or Ethernet cable. Reconnect to the network in the TV settings. Restart the TV and router.

If the problem persists after trying these solutions, please contact TCL customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	TCL
Model Name	QM8L Series
Model Number	65QM8L
Screen Size	65 inches
Display Technology	QLED, SQD Mini LED

Feature	Detail
Resolution	4K
Refresh Rate	144 Hz
Maximum Display Brightness	6000 nit
Contrast Ratio	High (7000:1 Static Contrast)
Dimming Zones	Up to 4000+ Discrete Dimming Zones
HDR Format Supported	Dolby Vision IQ, HDR10, HDR10+
Audio Output Mode	Digital
Integrated Surround Sound Format	Dolby Atmos
Speaker Description	5.1 channel speaker system with Dolby Atmos, integrated subwoofer and surround channels, Bang & Olufsen audio by TCL
Total Number of HDMI Ports	4 (HDMI 2.1 compatible)
Total USB Ports	2 (1x USB 3.0, 1x USB 2.0)
Connectivity Technology	Bluetooth, HDMI, USB, Wi-Fi
Operating System	Google TV with Google Gemini AI
Product Dimensions (D x W x H)	14.5"D x 56.5"W x 33.9"H
Item Weight	50.9 pounds

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your TCL 65QM8L TV comes with a **1 Year Manufacturer Warranty**. Please refer to the warranty card included in your packaging for full details regarding coverage and terms.

Optional protection plans may be available for purchase, such as a 4-Year Protection Plan or a Complete Protect monthly plan. Check with your retailer for more information.

7.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact TCL Customer Support:

- **Online Support:** Visit the official TCL support website for FAQs, software updates, and contact options.
- **Phone Support:** Refer to your warranty card or the TCL website for the appropriate customer service phone number in your region.

When contacting support, please have your TV's model number (65QM8L) and serial number ready. The serial number is typically located on a sticker on the back of the TV.

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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

Open the live page

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