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› [TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV with Google TV \(85Q681G\) User Manual](#)

TCL 85Q681G

TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV (Model 85Q681G) User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your new TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV with Google TV. Please read these instructions carefully before using your television.

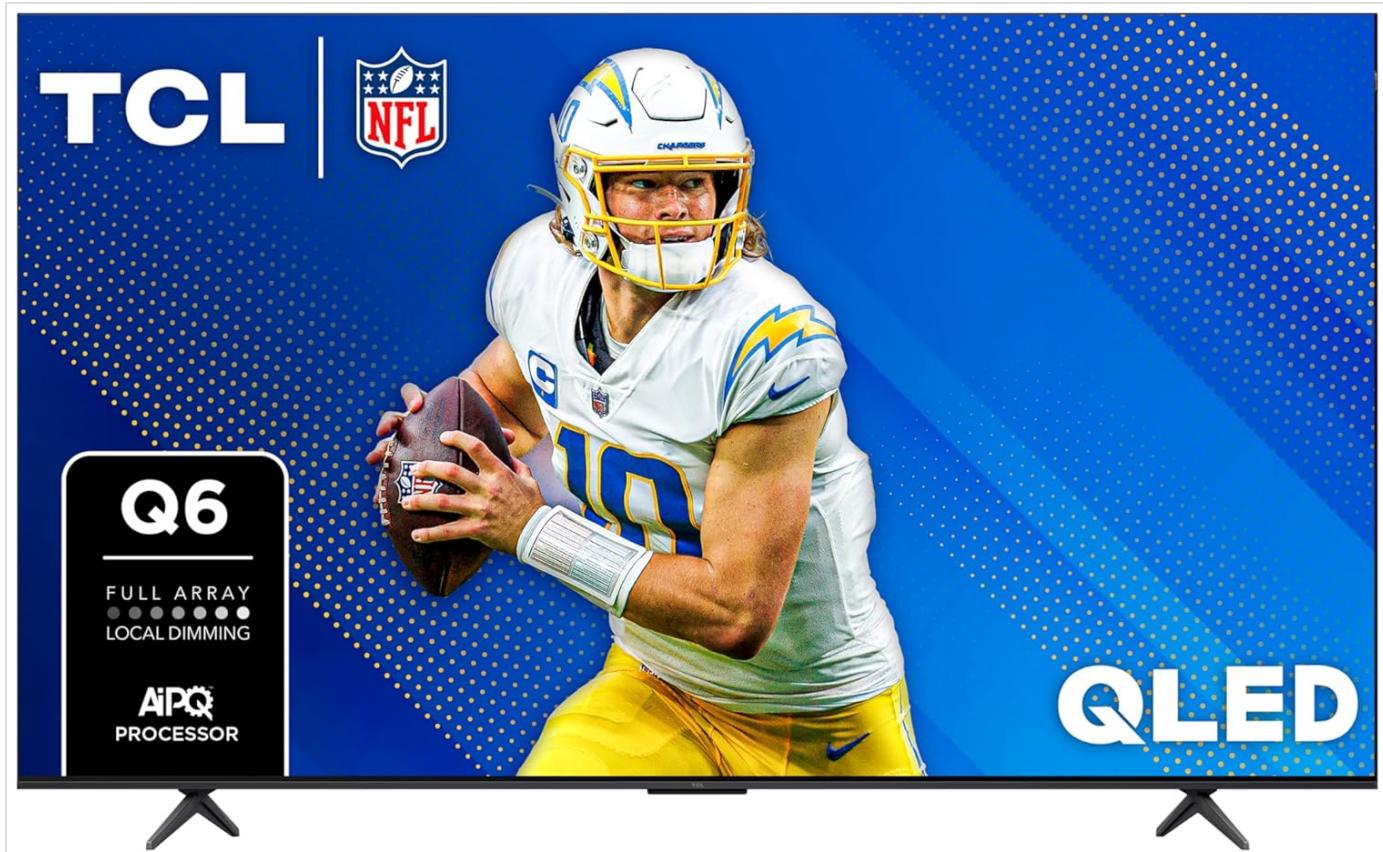


Image: Front view of the TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV, showcasing its large display and slim bezels.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury to persons. Keep this manual for future reference.

- Do not expose the TV to rain or moisture.
- Do not block ventilation openings.
- Ensure proper grounding of the power cord.
- Do not place the TV on an unstable cart, stand, tripod, bracket, or table.
- Refer all servicing to qualified service personnel.

3. WHAT'S IN THE BOX

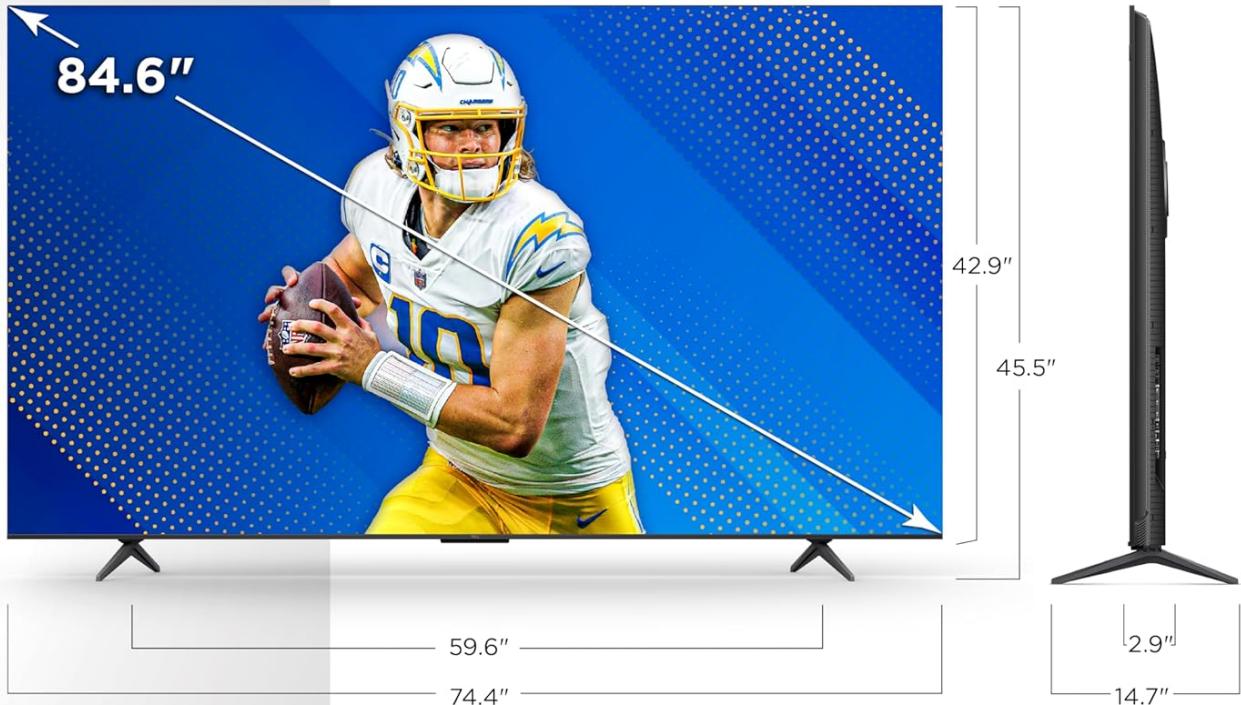
Verify that all components are present:

- 1x Power Cable
- 1x TV Remote, 2x AAA batteries for remote
- 2x TV Stands
- 4x Stand Screws

TCL

85" Class

Model:
85Q681G



Dimensions:

TV with Stand:
74.4" x 45.5" x 14.7"

TV without Stand:
74.4" x 42.9" x 2.9"

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 visual representation of the TCL 85-Inch Q681G TV's dimensions and a list of items included in the box, such as the TV, remote, stands, and screws.

4. SETUP GUIDE

4.1 Attaching the TV Stands

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 each stand using the provided screws. Ensure they are tightened firmly.







Image: Front view of the TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV with its two-pronged stands securely attached, ready for placement on a flat surface.

4.2 Wall Mounting (Optional)

If you choose to wall mount your TV, please refer to the instructions provided with your wall mount bracket. Ensure the bracket is compatible with the VESA mounting pattern of your TCL 85Q681G TV. Professional installation is recommended.



Image: Side profile of the TCL 85-Inch Q68 QLED Pro 4K UHD Smart TV, highlighting its slim design and the mounting points on the rear.

4.3 Connecting Devices

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the appropriate ports on the back of

your TV.



Image: Detailed view of the back panel of the TCL Q681G TV, showing various input ports including HDMI, USB, Ethernet, Cable/Antenna, AV, and Optical audio output.

- **HDMI:** For high-definition video and audio devices.
- **USB:** For connecting USB storage devices.
- **Ethernet/Wi-Fi:** For internet connectivity.
- **Audio Out:** For connecting external audio systems.

4.4 Initial Power-On and Google TV Setup

1. Plug the power cable into the TV and a wall outlet.
2. Press the power button on the remote control.
3. Follow the on-screen instructions to complete the initial setup, including connecting to Wi-Fi and signing in with your Google account.

5. OPERATING THE TV

5.1 Remote Control

The included remote control provides access to all TV functions. Familiarize yourself with the button layout for easy navigation.

Key Features:

- **Power Button:** Turns the TV on/off.
- **Navigation Pad:** For menu navigation.
- **Voice Remote:** Use voice commands for search and control.
- **Quick Access Buttons:** Dedicated buttons for popular streaming services (e.g., Netflix, Prime Video, Hulu).

5.2 Navigating Google TV

The Google TV interface organizes your content and apps for easy access.

- **Home Screen:** Displays personalized recommendations, installed apps, and inputs.
- **Apps:** Access your favorite streaming services and download new ones from the Google Play Store.
- **Inputs:** Switch between HDMI inputs, AV, and Live TV.

5.3 Picture Settings

Your TCL Q681G TV features advanced picture technologies for an optimal viewing experience.

- **4K UltraHD Resolution:** Enjoy incredible detail with four times the resolution of 1080p Full HDTVs.
- **QLED PRO Quantum Dot Technology:** Delivers rich, vibrant colors covering nearly the entire DCI-P3 color space.
- **Full Array Local Dimming:** Up to 150+ zones dynamically adapt to on-screen content for deep blacks and great contrast.
- **High Brightness PRO LED Backlight:** With up to 600 Nits peak brightness, creates bright images with dazzling specular highlights.
- **TCL AIPQ Processor with Deep Learning AI:** Optimizes color, contrast, and clarity for an unrivaled 4K HDR experience.
- **HDR PRO+ with Dolby Vision, HDR10+, HDR10, & HLG:** Enhanced contrast, accurate colors, and fine details across all advanced HDR formats.
- **Motion Rate 480 with MEMC Frame Insertion:** Combines multiple motion enhancement technologies for best-in-class motion clarity.

Your browser does not support the video tag.

Video: An overview of the TCL 85Q681G TV, highlighting its key features and visual performance.

5.4 Sound Settings

Experience immersive audio with your TV's integrated sound system.

- **Dolby Atmos:** Delivers multi-dimensional sound that moves around you.
- **DTS Virtual:X:** Provides an immersive audio experience without additional speakers.
- **Onkyo 2.1 Speaker System:** High-performance speakers specially tuned by ONKYO for a complete audio package.

5.5 Gaming Features

Optimized for gamers, the TCL Q681G offers features for responsive gameplay.

- **Game Accelerator 240:** With up to blistering fast 240 VRR, enjoy more responsive gameplay without lag.

- **120Hz Panel Refresh Rate (144 Hz Variable Refresh Rate):** Ensures an ultra-smooth viewing experience for fast-paced games.

5.6 Smart Features

Leverage the power of Google TV and integrated smart home compatibility.

- **Google TV:** Access a vast library of apps, movies, and shows.
- **Chromecast Built-in:** Cast content from your mobile devices directly to the TV.
- **Works with Alexa:** Control your TV using voice commands through an Alexa-enabled device.
- **Apple AirPlay:** Stream content from your Apple devices.

6. MAINTENANCE

Proper care ensures the longevity of your TV.

- **Cleaning the Screen:** Use a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen cleaner. Avoid harsh chemicals.
- **Cleaning the Frame:** Use a soft, dry cloth to wipe the frame and stand.
- **Software Updates:** The TV will periodically check for and install software updates automatically when connected to the internet. You can also manually check for updates in the settings menu.

7. TROUBLESHOOTING

If you encounter issues, try these common solutions:

| Problem | Solution |
|----------------------------------|--|
| No power | Check power cord connection, wall outlet, and remote batteries. |
| No picture, but sound is present | Check input source, cable connections, and picture settings. |
| No sound, but picture is present | Check volume, mute status, audio output settings, and external audio device connections. |
| Remote control not working | Replace batteries, ensure no obstructions, and re-pair if necessary. |
| Network connection issues | Restart your router/modem, check Wi-Fi password, or try a wired Ethernet connection. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------|------------|
| Brand | TCL |
| Model Number | 85Q681G |
| Screen Size | 85 inches |
| Display Technology | QLED |
| Resolution | 4K UltraHD |

| Feature | Detail |
|------------------------------------|--|
| Refresh Rate | 120 Hz (144 Hz Variable Refresh Rate) |
| HDR Support | HDR PRO+ with Dolby Vision, HDR10+, HDR10, & HLG |
| Smart TV Platform | Google TV |
| Connectivity | Bluetooth, Ethernet, HDMI, USB, Wi-Fi |
| Audio Technology | Dolby Atmos, DTS Virtual:X, Onkyo 2.1 Speaker System |
| Item Weight | 115.8 pounds |
| Product Dimensions (with stand) | 74.41"W x 45.5"H x 14.7"D |
| Product Dimensions (without stand) | 74.41"W x 42.9"H x 2.9"D |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official TCL support website. Keep your purchase receipt as proof of purchase.

Online Resources:

- TCL Official Website: www.tcl.com
- Amazon Product Page: [Product Link](#)