TCL 85-Inch QLED Pro 4K

TCL 85-Inch QLED Pro 4K Smart Google TV Instruction Manual

Model: 85-Inch QLED Pro 4K

Product Overview   Setup   Operation   Key
Features   Connectivity   Maintenance   Troubleshooting   Specifications   Warranty & Support

1. PRODUCT OVERVIEW

The TCL 85-Inch QLED Pro 4K Smart Google TV delivers breathtaking clarity, vibrant color, and immersive sound. Designed for home theater enthusiasts, gamers, and everyday streamers, this premium display features Quantum Dot Technology, Dolby Vision HDR, and a Full Array Local Dimming backlight. With built-in Google TV, it offers an intuitive, voice-controlled smart platform that aggregates content from across streaming apps. Dolby Atmos sound and HDMI eARC support ensure rich and clear audio. This model is part of an exclusive bundle that includes a 1-Year CPS Protection Plan, a high-speed AUX HDMI 2.0 Cable, and a Screen Cleaner with Microfiber Cloth.

Figure 1: Front view of the TCL 85-Inch QLED Pro 4K Smart Google TV.

2. SETUP

2.1 Unboxing and Placement

Carefully remove the TV from its packaging. It is recommended to have at least two people for safe handling due to the size and weight of the 85-inch model. Place the TV on a stable, flat surface or mount it securely to a wall using a compatible VESA mount (sold separately). Ensure adequate ventilation around the TV.

2.2 Connecting Power

Connect the power cord to the TV's power input and then to a grounded electrical outlet. The TV will enter standby mode.

2.3 Initial Setup Wizard

Upon first power-on, the TV will guide you through an initial setup process. This includes selecting your language,

connecting to a Wi-Fi network, and signing in with your Google account to access Google TV features.

3. OPERATION

3.1 Google TV Interface

The Google TV interface provides personalized content recommendations, access to a wide range of streaming apps (Netflix, Hulu, Amazon Prime Video, etc.), and live TV options. Navigate using the included voice remote or hands-free voice commands.

3.2 Voice Remote

The voice remote allows for easy navigation and voice control. Press the microphone button to activate voice commands for searching content, controlling playback, or adjusting settings.

3.3 Casting and Screen Mirroring

The TV supports casting from compatible mobile devices and apps. It also supports Apple AirPlay and HomeKit for seamless integration with Apple devices.

4. KEY FEATURES

4.1 QLED Display with Quantum Dot Technology

Experience rich, vibrant colors and enhanced brightness with Quantum Dot Technology. The QLED display offers a wider color gamut and improved color accuracy.

Figure 2: QLED Pro technology delivers rich, vibrant colors.

4.2 Full Array Local Dimming

The Full Array Local Dimming backlight system precisely controls individual zones of LEDs to deliver deeper blacks and brighter whites, resulting in superior contrast.

Figure 3: High Brightness Plus ensures a perfect picture in various lighting conditions.

4.3 HDR10+, Dolby Vision & Dolby Atmos

Enjoy cinematic picture quality with support for HDR10+ and Dolby Vision, providing enhanced detail, contrast, and color. Dolby Atmos delivers immersive, multi-dimensional audio.

Figure 4: HDR PRO+ supports multiple HDR formats for enhanced viewing.

4.4 Gaming Performance (144 Hz VRR & Game Accelerator 240)

Designed for gamers, this TV features a 144 Hz Variable Refresh Rate (VRR) for smooth, tear-free gameplay. Game Accelerator 240 further enhances responsiveness and reduces input lag, providing a competitive edge.

Figure 5: Motion Rate 240 ensures clear, fast action in all content.

Figure 6: Game Accelerator 120 VRR provides fast and fluid gameplay.

4.5 TCL AIPQ™ Processor

The advanced TCL AIPQ™ Processor intelligently optimizes clarity, contrast, and color for an enhanced viewing experience across all content types.

Figure 7: The AIPQ™ Processor optimizes picture quality.

5. CONNECTIVITY

The TCL 85-Inch QLED Pro 4K Smart Google TV offers a variety of connectivity options:

- **HDMI Ports:** 4 x HDMI (including 1 with eARC for enhanced audio return channel).
- **USB Port:** 1 x USB for media playback or connecting accessories.
- **Ethernet:** 1 x Ethernet port for wired internet connection.
- **RF Input:** 1 x RF Input for antenna/cable connection.
- **Optical Audio Out:** 1 x Optical Audio Out for connecting to external audio systems.
- **Wireless:** Dual-band Wi-Fi for seamless streaming and internet access.

6. MAINTENANCE

6.1 Screen Cleaning

To clean the screen, gently wipe it with the provided microfiber cloth. For stubborn smudges, lightly dampen the cloth with the included screen cleaner solution. Avoid using harsh chemicals or abrasive materials that could damage the screen.

6.2 General Care

Keep the TV free from dust by regularly wiping the frame and back panel with a soft, dry cloth. Ensure ventilation openings are not blocked to prevent overheating.

7. TROUBLESHOOTING

7.1 No Power

- Ensure the power cord is securely connected to both the TV and a working electrical outlet.
- Check if the outlet is receiving power by plugging in another device.

7.2 No Picture or Distorted Picture

- Verify that the correct input source is selected on the TV.
- Check all HDMI or other video cables for secure connections.
- Try restarting the connected device (e.g., cable box, gaming console).

7.3 No Sound or Low Sound

- Ensure the TV volume is not muted or set too low.
- Check audio cables if external speakers are used.
- If using HDMI eARC, ensure your audio receiver is properly configured.

7.4 Network Connectivity Issues

- Restart your Wi-Fi router and modem.
- Ensure the TV is within range of your Wi-Fi network or the Ethernet cable is securely connected.
- Check network settings on the TV to ensure correct configuration.

8. SPECIFICATIONS

Feature	Detail
Brand Name	TCL
Product Dimensions	81.1 x 8.3 x 49.6 inches
Standing Screen Display Size	85 Inches
Aspect Ratio	16:9
Connectivity Technology	HDMI, USB, Wi-Fi
Supported Internet Services	Google TV, Netflix, Hulu, Amazon Prime Video, etc.
Model Name	85-Inch QLED Pro 4K

Mounting Type	Wall Mount
Image Contrast Ratio	High
Audio Input	HDMI
Signal Format	HDMI, USB

9. WARRANTY & SUPPORT

9.1 CPS Protection Plan

This product includes a 1-Year CPS Protection Plan. For details regarding coverage and claims, please refer to the documentation provided with your protection plan or contact CPS directly.

9.2 Technical Support

For technical assistance, product inquiries, or warranty claims not covered by the CPS plan, please contact TCL customer support. Refer to your product packaging or the official TCL website for contact information.