TCL 85QM6K

TCL 85-Inch Class QM6K Series QD-Mini LED 4K UHD Google Smart TV User Manual

Model: 85QM6K

1. Setup Guide

1.1 Unboxing and Initial Inspection

Carefully remove the television and all components from the packaging. Inspect for any signs of damage. Ensure all listed items are present.

- TCL TV with Google TV
- TV Stands (2)
- Power Cable
- TV Remote + Batteries (2 AAA batteries included)
- Quick Start Guide
- User Manual (this document)



Image: Overview of the TCL 85QM6K TV, showing its dimensions and the components included in the box, such as the remote control and stands.

1.2 Stand Installation

If you are not wall-mounting the television, attach the included stands. Place the TV screen-down on a soft, flat surface to prevent scratches. Align each stand with the corresponding slots on the bottom of the TV and secure them using the provided screws. Ensure the stands are firmly attached before placing the TV upright.



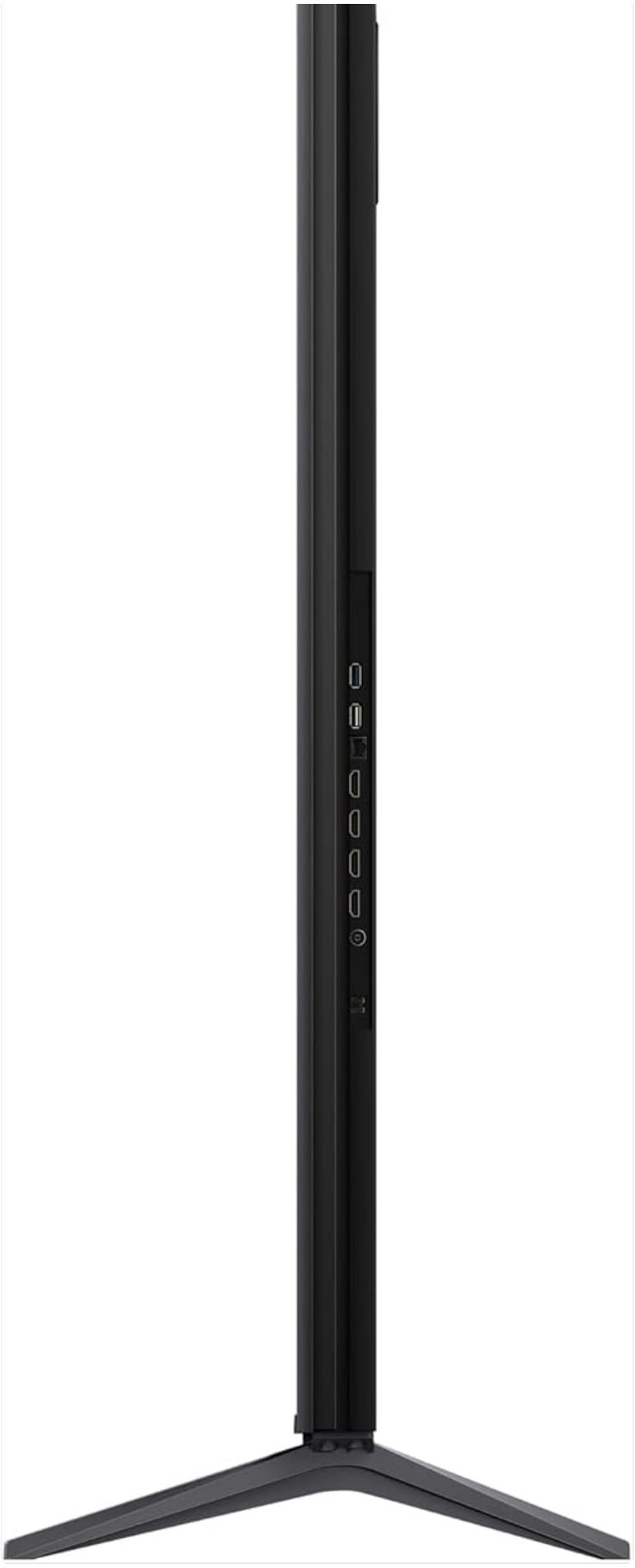


Image: A close-up view of one of the TV stands, illustrating how it connects to the television's base for stable placement.

1.3 Wall Mounting (Optional)

For wall mounting, use a VESA-compatible wall mount kit (sold separately) that supports the TV's weight and size. Refer to the wall mount kit's instructions for proper installation. Ensure the wall can support the combined weight of the TV and the mount. It is recommended to seek professional installation for wall mounting.

1.4 Connecting Peripherals

Connect your external devices such as cable boxes, gaming consoles, Blu-ray players, and sound systems to the appropriate ports on the back or side of the TV. The TCL QM6K Series TV includes multiple HDMI, USB, Ethernet, and RF inputs.



Image: A side view of the TCL TV, highlighting the accessible input ports including HDMI, USB, and Ethernet for connecting various external devices.

1.5 Initial Power On and Google TV Setup

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

account, and scanning for channels if using an antenna.

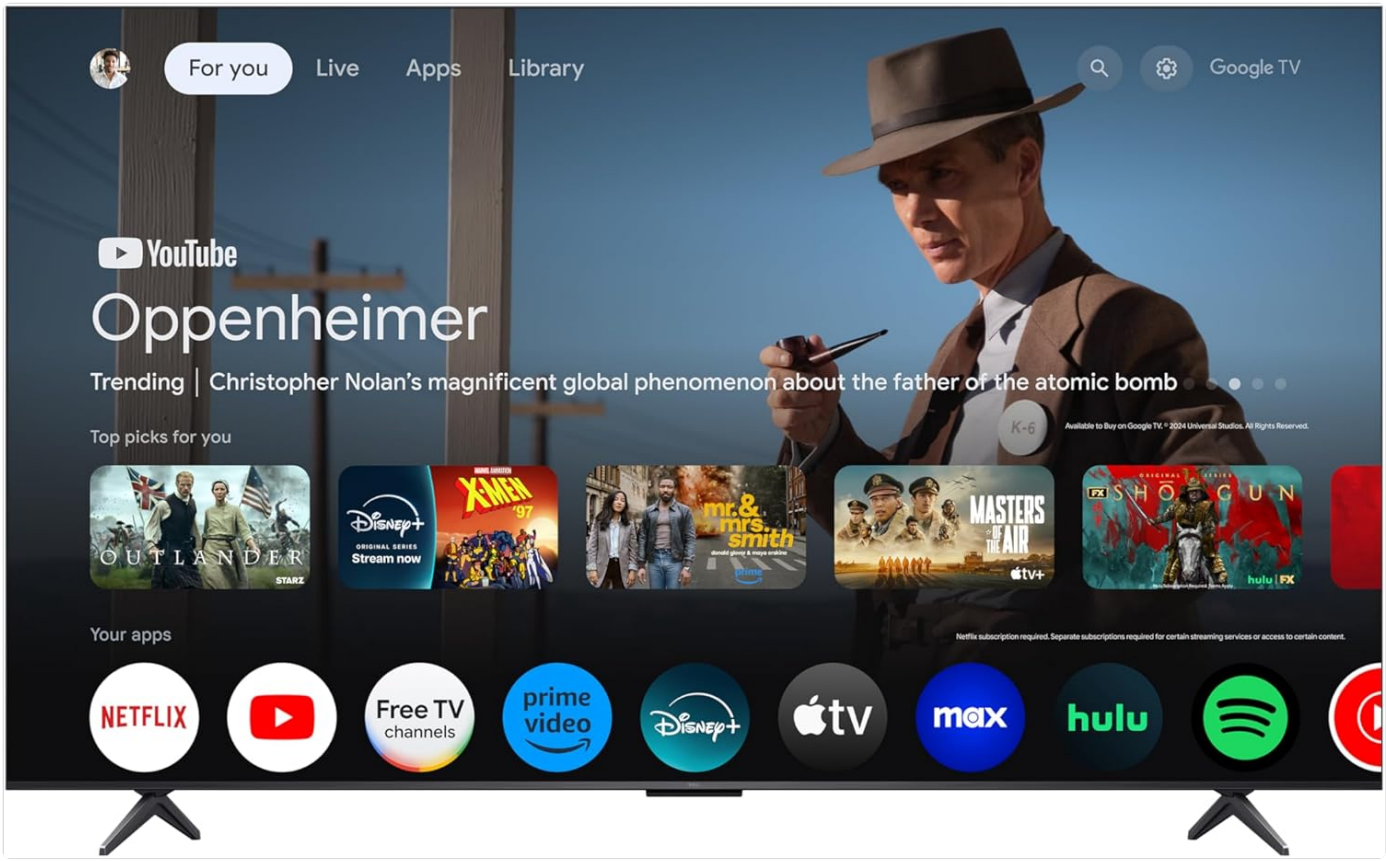


Image: The Google TV smart interface shown on the TCL television, featuring various streaming app icons and content recommendations.

2. Operating Your TV

2.1 Remote Control Functions

The included remote control provides full functionality for navigating your TV. Key buttons include Power, Input Selection, Volume Up/Down, Channel Up/Down, Navigation Pad, Back, Home, and dedicated buttons for popular streaming services.



Image: The remote control for the TCL TV, featuring a standard button layout for power, navigation, volume, and quick access to streaming applications.

2.2 Navigating Google TV

Google TV organizes your content from various streaming services into a single, personalized interface. Use the navigation buttons on your remote to browse recommendations, access your installed apps, and search for movies and shows. The "For You" tab provides tailored content suggestions.

2.3 Picture Settings and Technologies

The TCL QM6K Series TV incorporates advanced display technologies for an optimized viewing experience. Access the Picture Settings menu to adjust brightness, contrast, color, and other visual parameters to suit your preferences and viewing environment.

- **QD-Mini LED:** Combines ultra-precise Mini LEDs with Quantum Dot technology for enhanced brightness and color.
- **TCL Halo Control System:** Advanced local dimming technology designed to reduce haloing and improve black levels.

- **AIPQ PRO Processor:** An AI-powered processor that optimizes picture clarity, contrast, color, motion, and upscaling in real-time.
- **144Hz Native Refresh Rate:** Provides smooth motion clarity, ideal for fast-paced content and gaming.
- **Dolby Vision, HDR10+, HDR10 & HLG:**Support for multiple HDR formats ensures stunning contrast and color detail.



Image: A visual representation of QD-Mini LED technology, showing how precise dimming zones contribute to stunning contrast and vibrant colors.

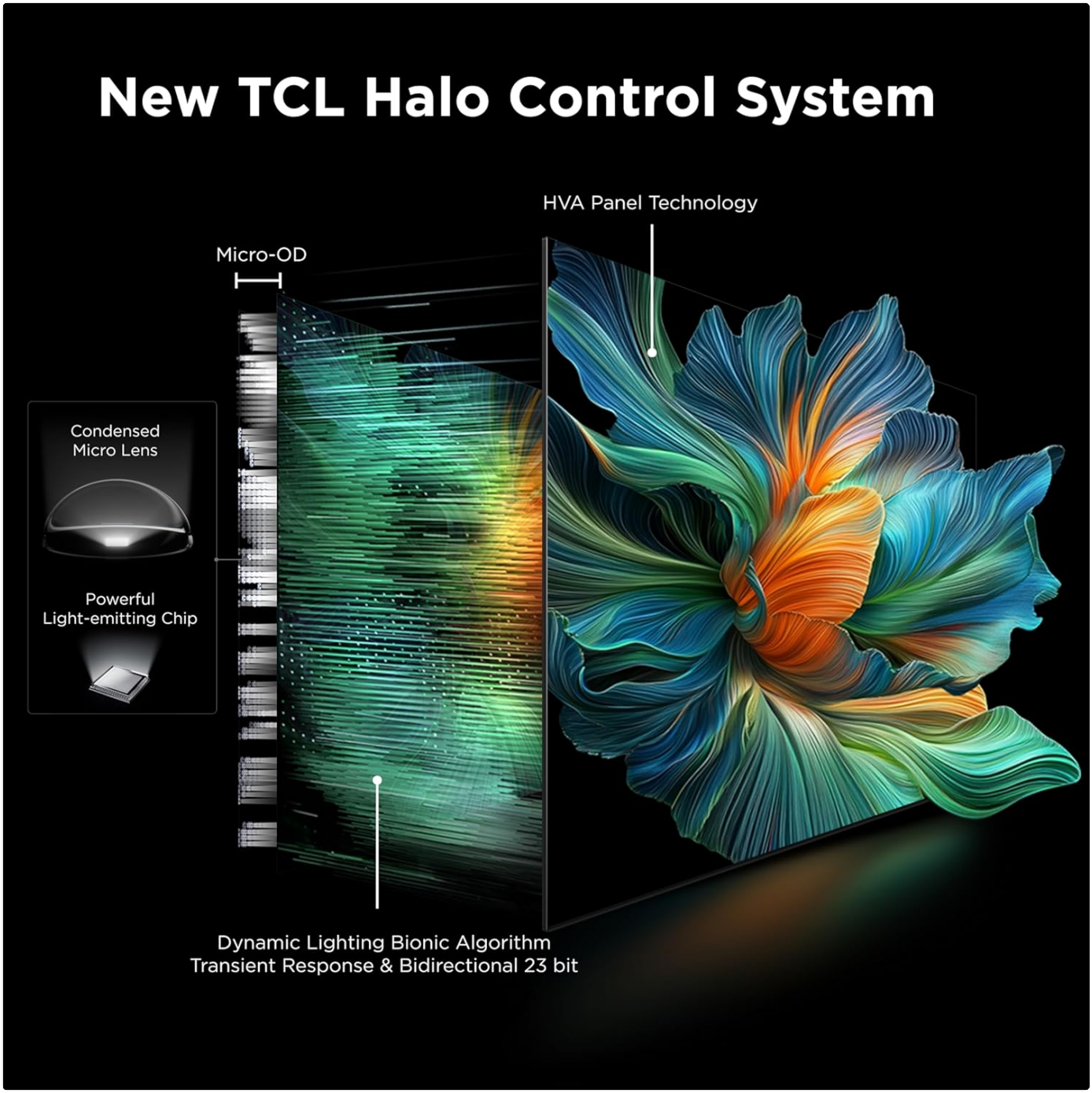


Image: An intricate diagram detailing the components of the New TCL Halo Control System, including the powerful light-emitting chip, condensed micro lens, and HVA panel technology, designed for "halo-free" images.



Image: A stylized illustration of the AIPQ Pro Processor, emphasizing its role in AI-controlled contrast, color, clarity, motion, and upscaling for an enhanced viewing experience.

2.4 Audio Settings

The TV features an integrated ONKYO 2.1 Channel Audio System with a built-in subwoofer, providing high-performance spatial sound. It also supports Dolby Atmos and DTS Virtual:X for an immersive audio experience. Adjust audio modes and equalizer settings in the Sound menu.



Image: A diagram illustrating the spatial sound experience provided by the Onkyo 2.1 Channel Speaker System, showing sound waves emanating from the TV to fill a room.

2.5 Gaming Features

Designed for gamers, the QM6K Series includes Game Accelerator 288 (for 65" and above models), Auto Game Mode, and GameBar. These features ensure ultra-low input lag and variable refresh rates for smooth, responsive gameplay.

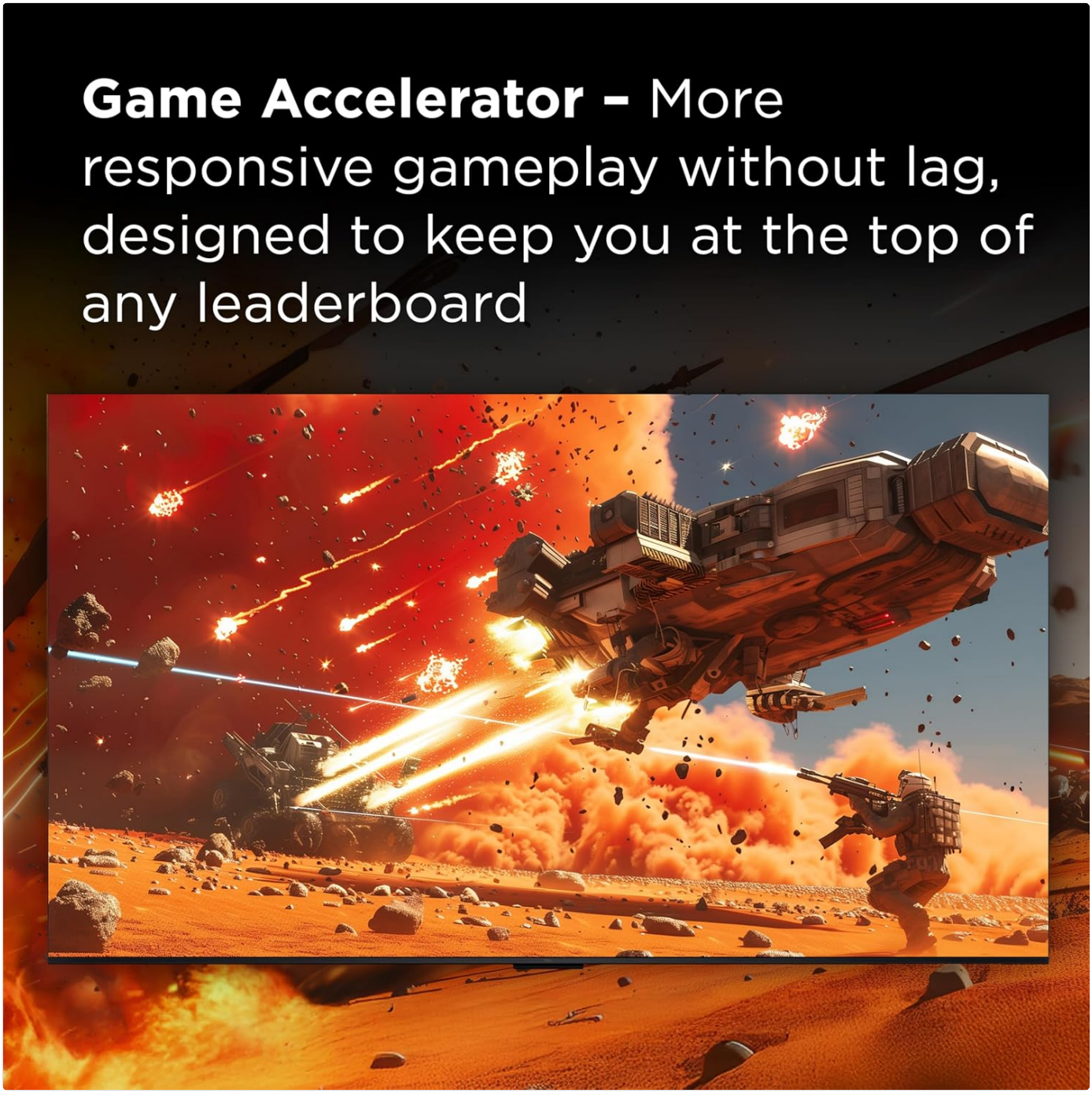


Image: A dynamic screenshot from a video game, illustrating the benefits of the Game Accelerator feature for responsive, lag-free gameplay.

2.6 Voice Control

Utilize hands-free voice control with Google Assistant built into your TV. Simply say "Hey Google" or press the voice button on your remote to search for content, control smart home devices, or manage TV functions.

3. Maintenance

3.1 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. Never spray liquid directly onto the screen.

3.2 Cleaning the TV Body

Wipe the TV's frame and back panel with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage

the finish.

3.3 Software Updates

Your TV may receive automatic software updates to improve performance and add new features. Ensure your TV is connected to the internet to receive these updates. You can also manually check for updates in the TV's settings menu.

4. Troubleshooting Common Issues

Before contacting customer support, try the following troubleshooting steps for common issues:

4.1 No Power

- Check if the power cable is securely connected to 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.

4.2 No Picture/Poor Picture Quality

- Verify the correct input source is selected.
- Check all cable connections (HDMI, etc.) to external devices.
- Adjust picture settings (Brightness, Contrast, Color) in the TV menu.
- If using an antenna, rescan for channels.

4.3 No Sound/Poor Sound Quality

- Increase the volume on both the TV and any connected audio devices.
- Check audio cable connections to external sound systems.
- Ensure the TV's mute function is not activated.
- Verify audio output settings in the TV menu.

4.4 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.
- If it's a Bluetooth remote, try re-pairing it according to the Quick Start Guide.

4.5 Network Connectivity Issues

- Restart your Wi-Fi router and modem.
- Check the Wi-Fi password entered on the TV.
- If possible, try connecting the TV directly to your router using an Ethernet cable.

4.6 App Performance Issues

- Close and reopen the problematic app.
- Clear the app's cache and data in the TV's settings.
- Ensure the TV's software is up to date.

5. Technical Specifications

Feature	Specification

Brand	TCL
Model Number	85QM6K
Screen Size	85 Inches (84.6" diagonal)
Display Technology	QD-Mini LED, QLED, 4K UHD
Resolution	3840 x 2160 (4K UHD)
Native Refresh Rate	144 Hz
Gaming Refresh Rate	Up to 288Hz VRR (Game Accelerator 288)
Operating System	Google TV
Audio System	ONKYO 2.1 Channel Audio System with built-in subwoofer, Dolby Atmos, DTS Virtual:X
Connectivity	Wi-Fi, RF, USB, Ethernet, HDMI (HDMI 2.1 support)
Product Dimensions (with stand)	74.4" W x 45.7" H x 14.6" D
Product Dimensions (without stand)	74.4" W x 42.7" H x 2.3" D
Item Weight	73.4 Pounds
Included Components	Stand, User Manual, Remote Control, Power Cable

6. Warranty and Support

This TCL television comes with a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including coverage duration and limitations.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact TCL Customer Support. You can find contact information on the official TCL website or through the support section of your TV's Google TV interface.

Visit the official TCL Store for more information and product updates:TCL Official Store

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Example: How do I reset this device or fix this error?

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