TCL 98QM6K

TCL 98-Inch Class QM6K Series QD-Mini LED 4K UHD Google Smart TV User Manual

Model: 98QM6K

Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your TCL 98-Inch Class QM6K Series QD-Mini LED 4K UHD Google Smart TV. Please read this manual thoroughly before using your television and retain it for future reference.



Image: Front view of the TCL 98-Inch QM6K Series QD-Mini LED 4K UHD Google Smart TV.

Setup

1. Unboxing and Package Contents

Carefully remove the television from its packaging. Ensure all components are present:

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



Image: Diagram showing the dimensions of the TCL 98-inch QM6K TV and a list of included accessories.

2. Installing the TV Stands

If not wall-mounting, attach the included TV stands to the bottom of the television using the provided screws. Ensure the stands are securely fastened before placing the TV on a stable, level surface.



Image: Close-up view of the TV stand attached to the bottom of the television.

3. Connecting Peripherals

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the appropriate ports on the TV. The TCL QM6K Series features multiple connectivity options:

- **HDMI Ports:** For high-definition audio and video devices. This model supports HDMI 2.1 for 144Hz refresh rates.
- **USB Ports:** For connecting USB storage devices.
- **Ethernet Port:** For a wired internet connection.
- **RF Input:** For antenna or cable connection.
- **Wi-Fi:** For wireless internet connectivity.

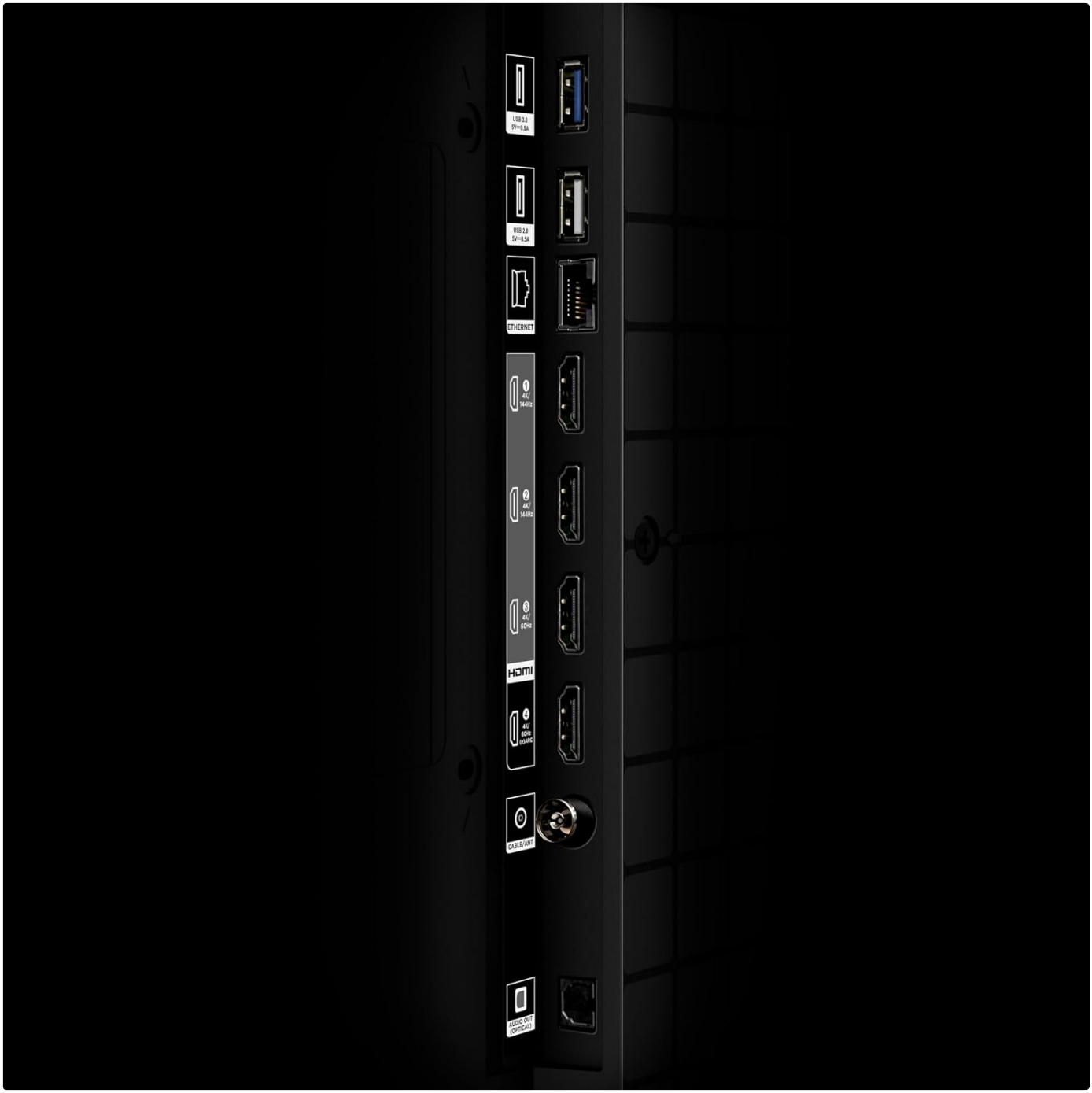


Image: Side view of the TCL QM6K TV, highlighting the various input ports including HDMI, USB, and Ethernet.

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 or the TV.
3. Follow the on-screen instructions to complete the initial setup, including connecting to your Wi-Fi network and logging into your Google account. This will activate the Google TV operating system.

Operating Your TCL QM6K TV

1. Remote Control Usage

The included remote control is backlit and designed for intuitive navigation of the Google TV interface. Insert the two AAA batteries as indicated in the battery compartment.

2. Google TV OS Navigation

Your TCL QM6K TV runs on Google TV, providing a centralized interface for streaming services, apps, and live TV. Use the remote's directional pad and select button to navigate menus. Voice control is also available for hands-free operation.

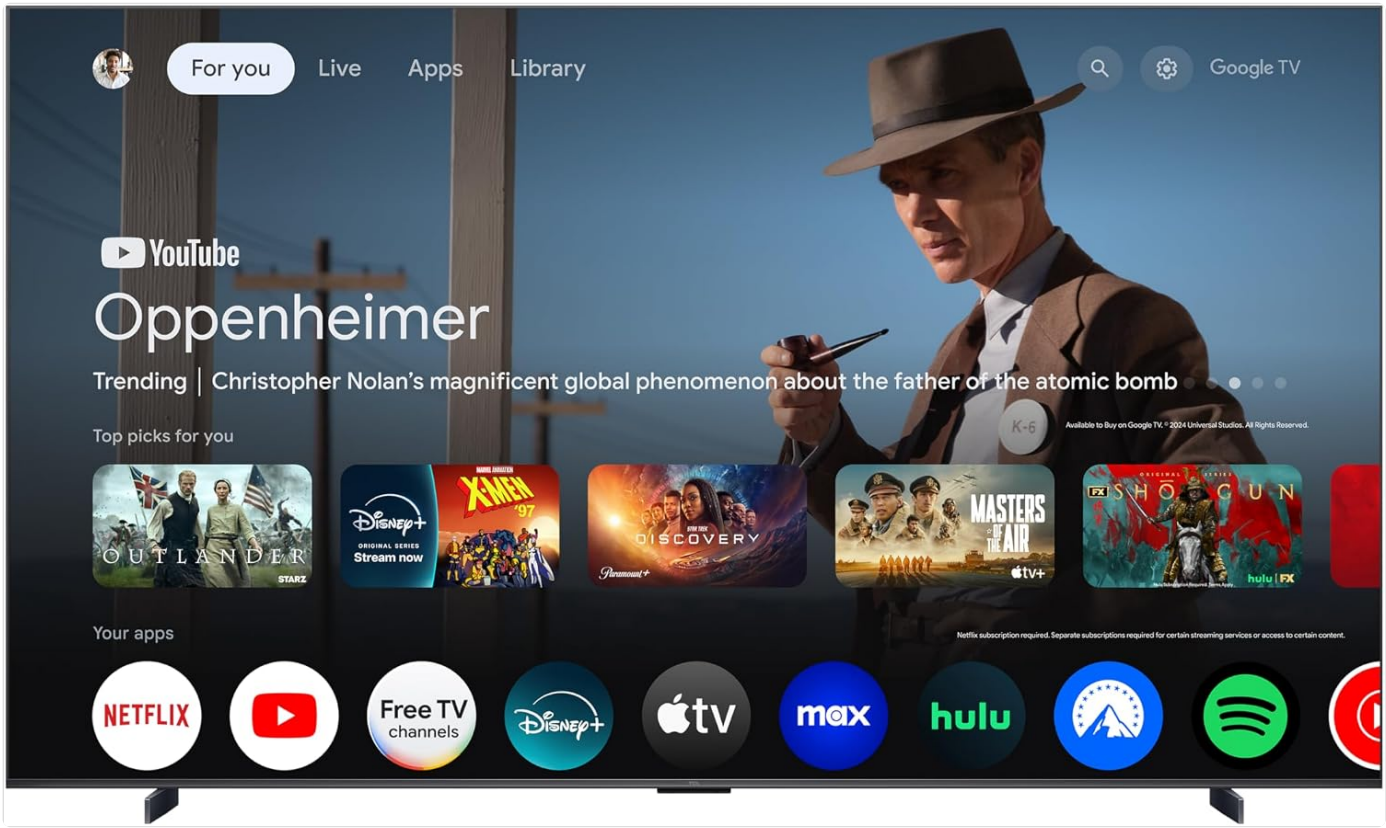


Image: Screenshot of the Google TV home screen displaying various streaming applications and content recommendations.

3. Picture Settings and Technologies

The QM6K Series incorporates advanced display technologies for optimal picture quality:

- **QD-Mini LED:** Combines Mini LED backlighting with Quantum Dot technology for enhanced brightness, contrast, and color accuracy.
- **TCL Halo Control System:** Advanced local dimming technology designed to reduce blooming and improve shadow detail.
- **HDR Support:** Compatible with Dolby Vision, HDR10+, HDR10, and HLG formats for dynamic contrast and color.
- **AIPQ PRO Processor:** Utilizes AI to optimize picture clarity, contrast, color, motion, and upscaling in real-time.
- **144Hz Native Refresh Rate:** Provides smooth motion for fast-paced content.



Image: Diagram illustrating the QD-Mini LED technology with high zone dimming for enhanced contrast.

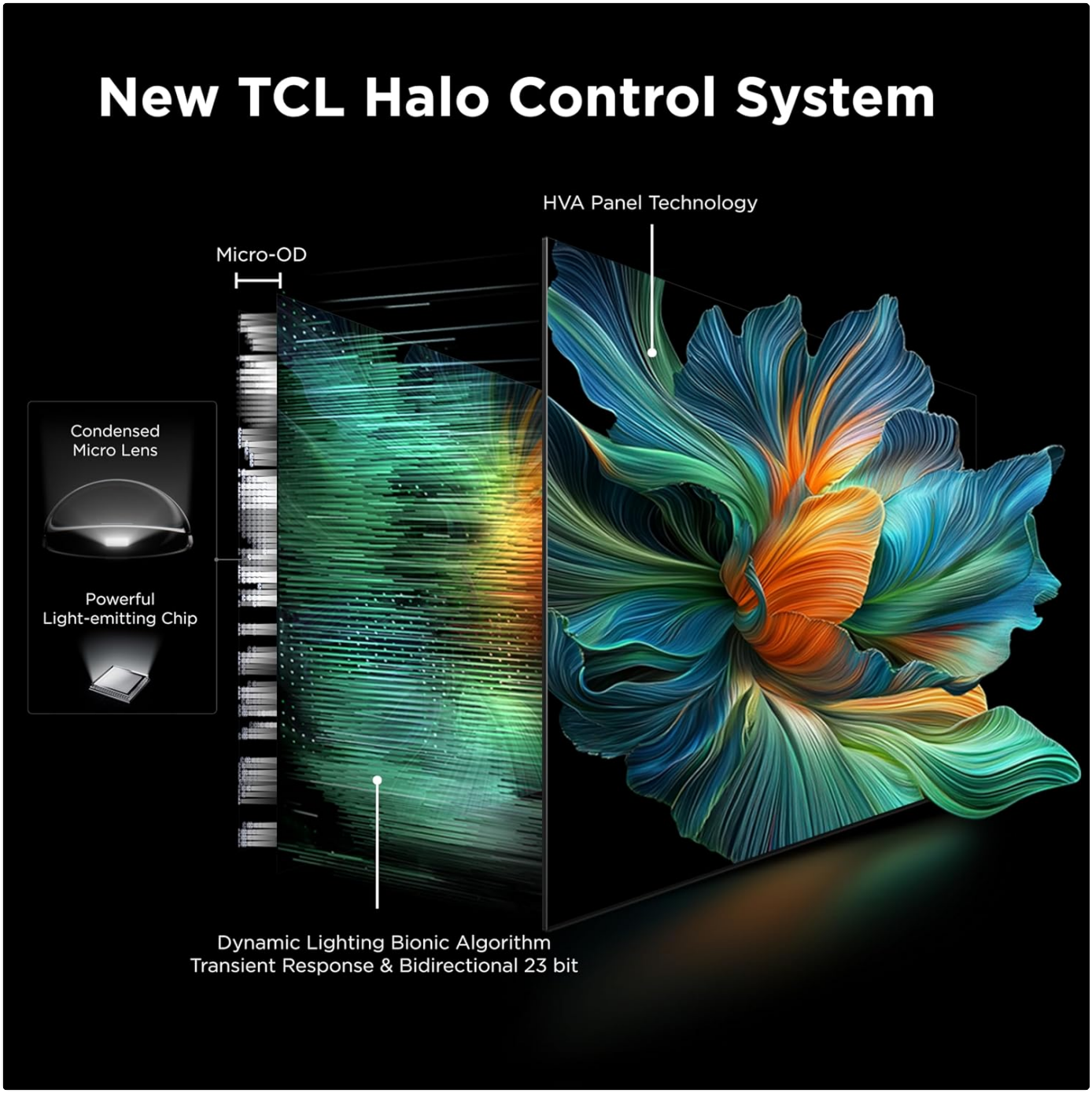


Image: Visual representation of the TCL Halo Control System, detailing Micro-OD, Condensed Micro Lens, and Dynamic Lighting Algorithm.

4. Audio Settings

The TV features an integrated Onkyo 2.1 Channel Audio System with a built-in subwoofer, complemented by Dolby Atmos and DTS Virtual:X support for immersive sound.



Image: Diagram showing the spatial sound experience provided by the Onkyo 2.1 Channel Speaker System with a built-in subwoofer.

5. Gaming Features

For gamers, the QM6K Series offers:

- **Game Accelerator 288:** Provides up to 288 VRR (Variable Refresh Rate) for lag-free gaming.
- **Auto Game Mode:** Automatically optimizes settings for gaming.
- **GameBar:** An on-screen overlay for quick access to gaming-related settings and performance stats.

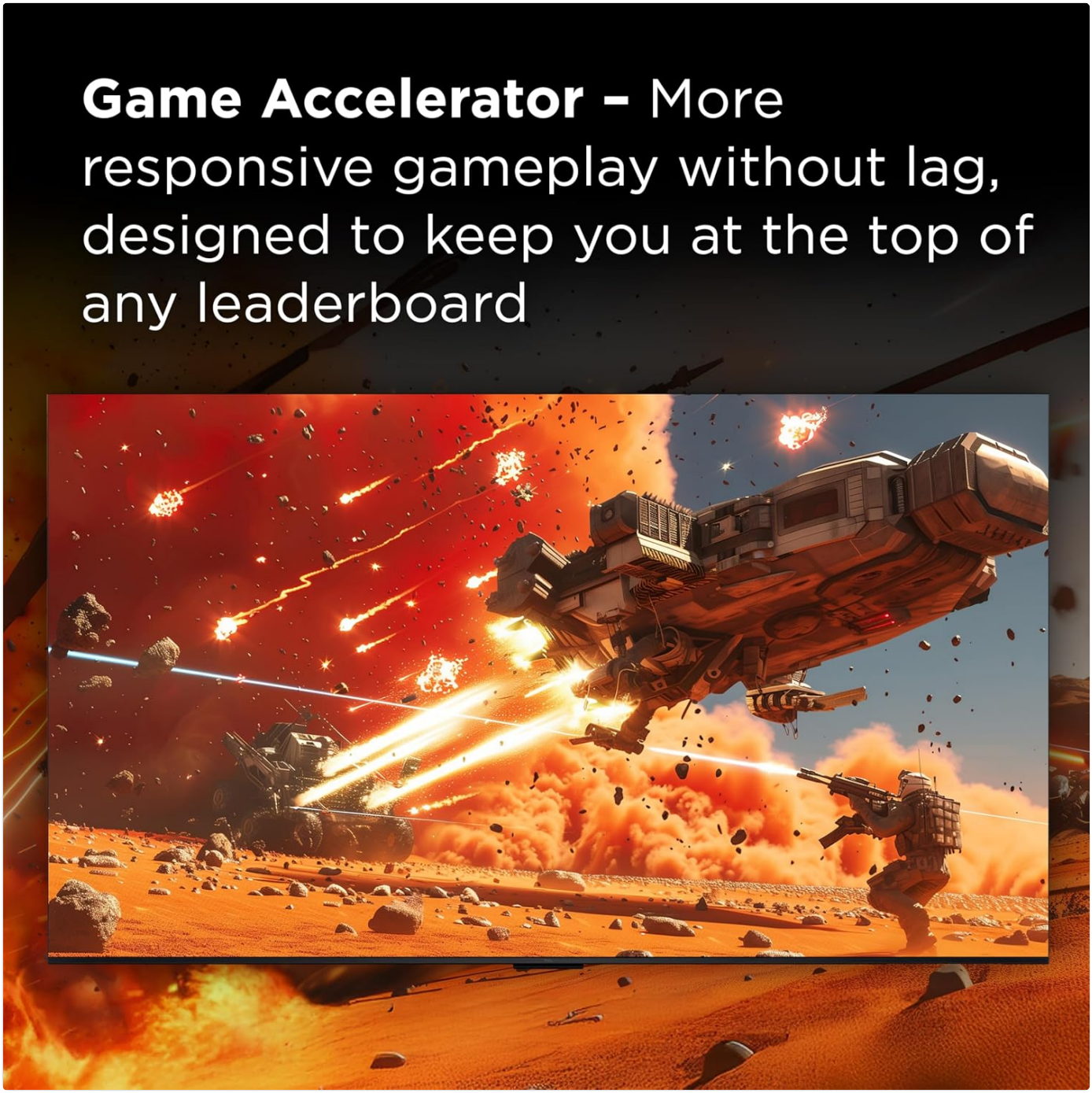


Image: Scene from a video game demonstrating responsive gameplay with Game Accelerator technology.

6. Art Mode

When not actively watching content, the TV can display personal photos, ambient visuals, or curated artwork to blend into your living space.

Maintenance

Cleaning the Screen

To clean the screen, gently wipe it with a soft, dry, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution. Avoid using harsh chemicals, abrasives, or spraying liquid directly onto the screen.

Cleaning the Cabinet

Wipe the TV cabinet with a soft, dry cloth. Do not use abrasive cleaners or solvents.

Troubleshooting

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

- **No Power:** Ensure the power cable is securely plugged into both the TV and a working electrical outlet. Try a different outlet.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections to external devices.
- **Remote Control Not Working:** Check the battery orientation and replace batteries if necessary. Ensure there are no obstructions between the remote and the TV's IR sensor.
- **Poor Picture Quality:** Adjust picture settings (brightness, contrast, sharpness, color). Ensure the content source is high quality. For streaming, check your internet connection speed.
- **No Internet Connection:** For Wi-Fi, ensure your router is on and within range. For Ethernet, check the cable connection. Restart your router and TV.
- **Blooming/Halos:** While the TCL Halo Control System minimizes these, some content may still exhibit minor effects. Ensure your picture mode is optimized and consider adjusting local dimming settings if available.

For more detailed troubleshooting, consult the comprehensive user manual available on the TCL support website.

Specifications

Feature	Detail
Brand	TCL
Model Number	98QM6K
Screen Size	98 Inches (97.5" diagonal)
Display Technology	QD-Mini LED, 4K UHD, QLED
Resolution	3840 x 2160 (4K)
Refresh Rate	144 Hz Native, 288 Hz Variable Gaming Refresh Rate
Operating System	Google TV
Audio System	Onkyo 2.1 Channel Audio System, Dolby Atmos, DTS Virtual:X
Special Features	TCL Halo Control System, AIPQ PRO Processor, Game Accelerator 288, HDR10+, HDR10, HLG, Art Mode
Connectivity	Ethernet, HDMI (2.1 support), RF, USB, Wi-Fi
Product Dimensions (D x W x H)	2.52 x 85.83 x 49.09 inches (without stand)
Item Weight	117.5 pounds

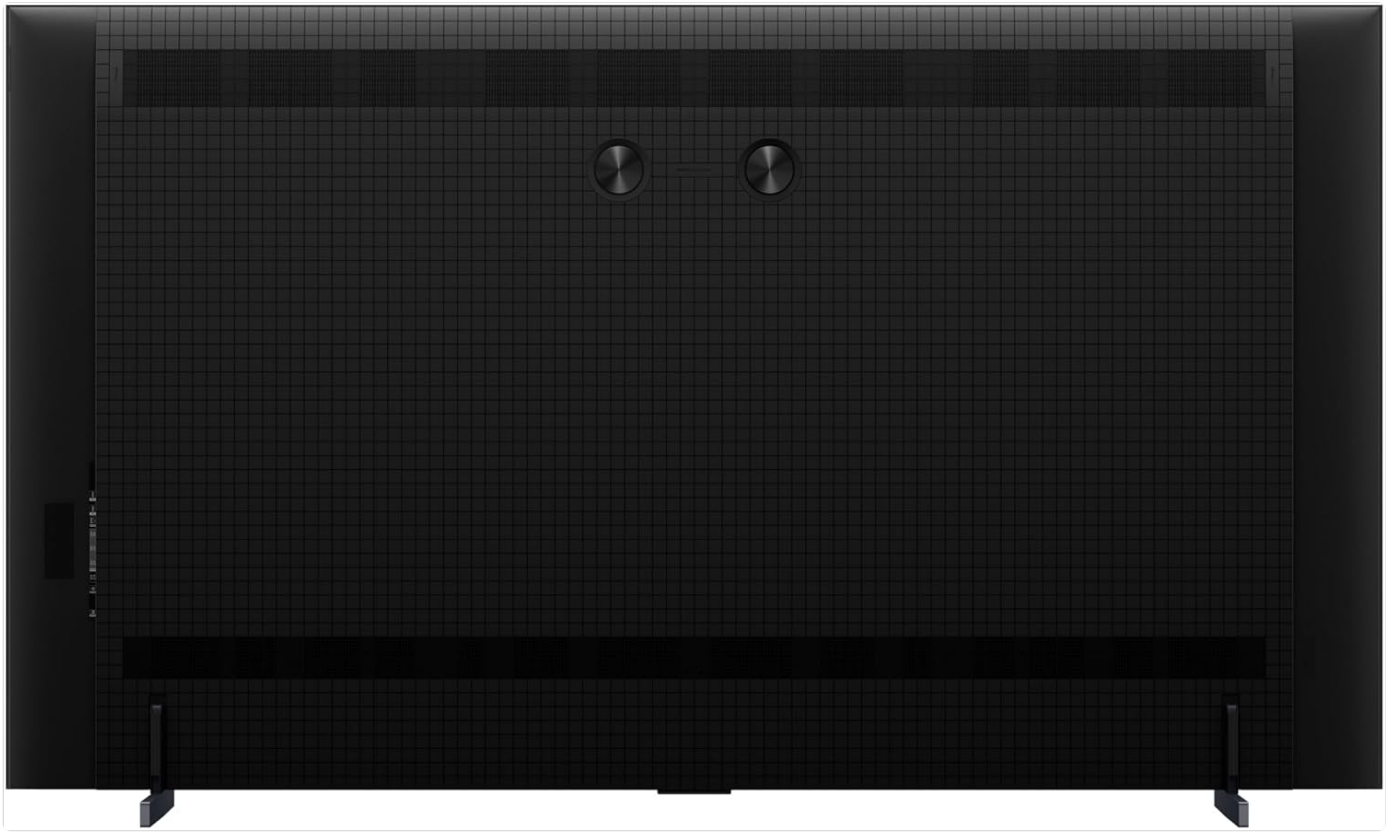


Image: Rear view of the TCL QM6K TV, showing the textured back panel and mounting points.

Warranty & Support

Warranty Information

Your TCL 98QM6K TV is covered by a manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms, conditions, and duration. Retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact TCL Customer Support. You can find contact information and additional resources on the official TCL website:

Visit the TCL Store for Support

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

Details

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