TCL 85P71K

TCL 85P7K Television User Manual

Model: 85P71K

Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your new TCL 85P7K 85-inch 4K QLED Smart Google TV. Please read this manual thoroughly before using the television to ensure proper and safe operation. Keep this manual for future reference.

The TCL 85P7K features a vibrant 4K QLED display with Quantum Crystal technology, integrated Google TV for smart functionality, ONKYO 2.1 Hi-Fi audio with Dolby Atmos and DTS Virtual X, and advanced gaming features like Game Master. It also includes hands-free voice control and a slim, uni-body design.

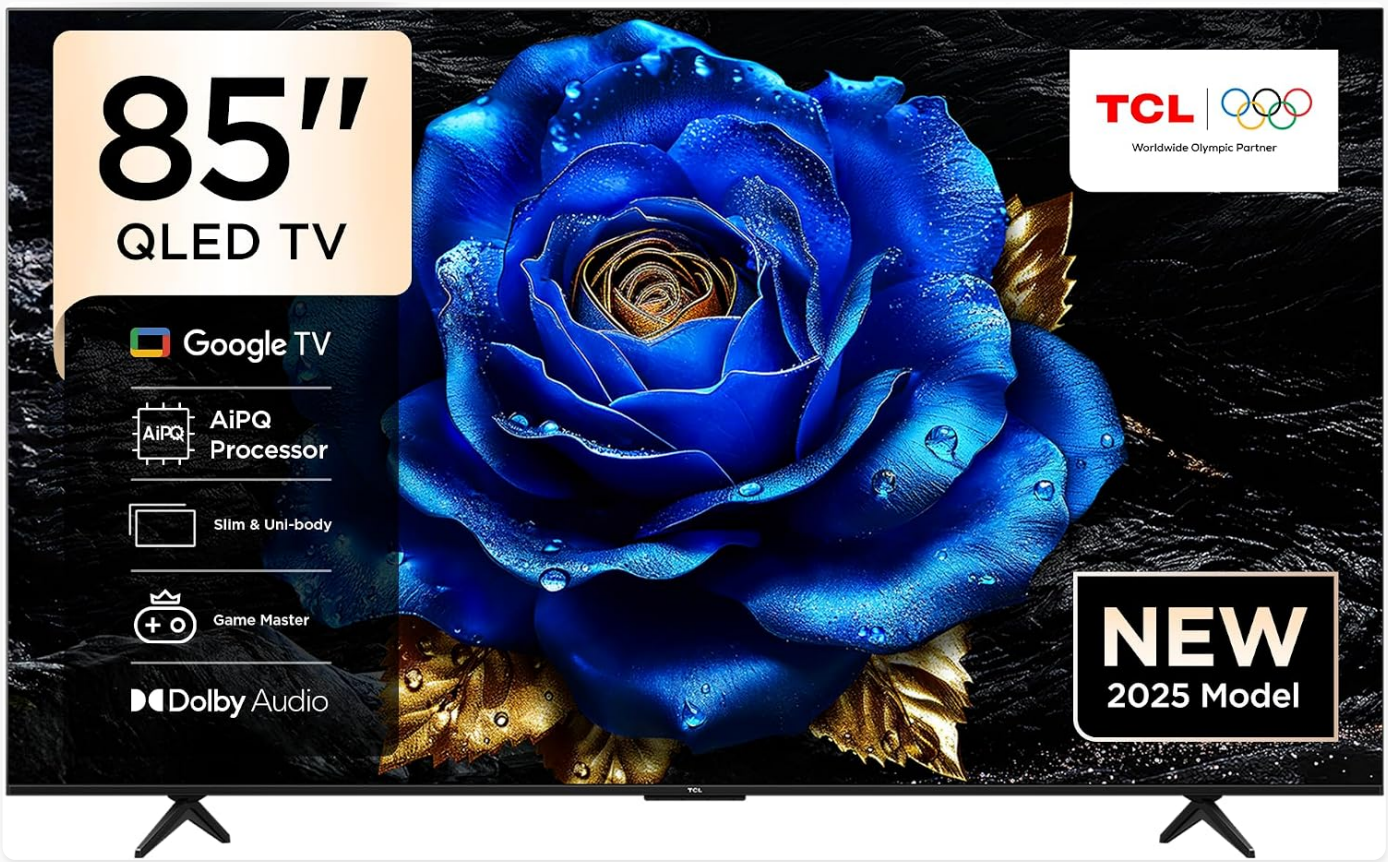


Figure 1: Front view of the TCL 85P7K Television.

Setup

Unpacking and Inspection

Carefully remove the television and all accessories from the packaging. Inspect all items for any signs of damage. If any items are damaged or missing, contact your retailer immediately.

Included Components

- TCL 85P7K Television
- Power Adapter
- Power Cable
- Remote Control
- TV Stand (2 pieces)
- Screws for Stand Installation
- User Manual (this document)

Stand Installation

1. Place the television face down on a soft, flat surface (e.g., a blanket or foam) to prevent screen damage.
2. Identify the left and right stand pieces.
3. Align each stand piece with the corresponding mounting holes on the bottom of the television.
4. Secure each stand piece using the provided screws. Ensure they are tightened firmly but do not overtighten.

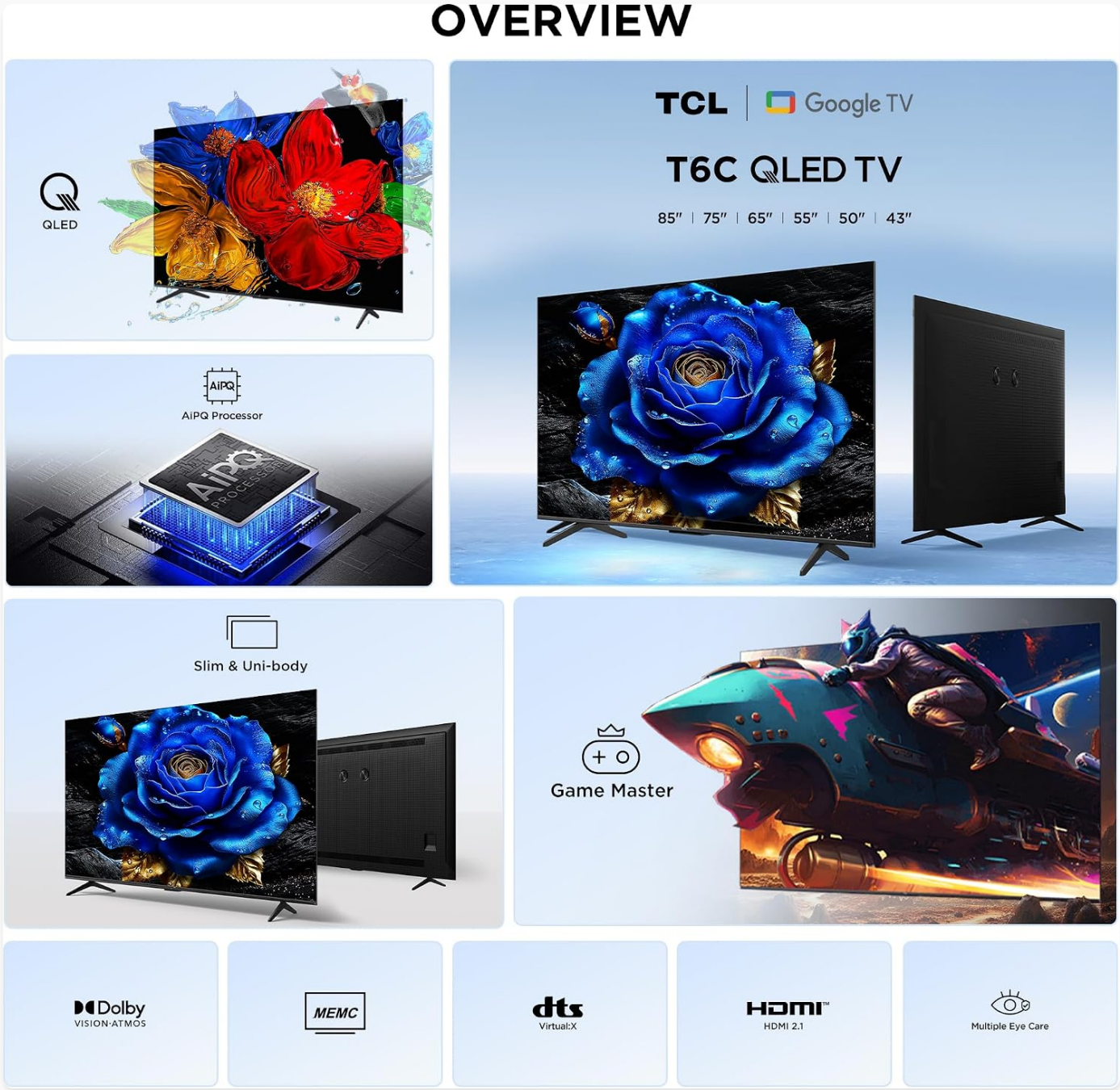


Figure 2: Front view of the television with the stand attached.

Connecting Cables

Connect the power cable to the TV's power input and then to a wall outlet. Connect your external devices (e.g., cable box, Blu-ray player, gaming console) to the appropriate HDMI, USB, or other input ports on the back of the TV.



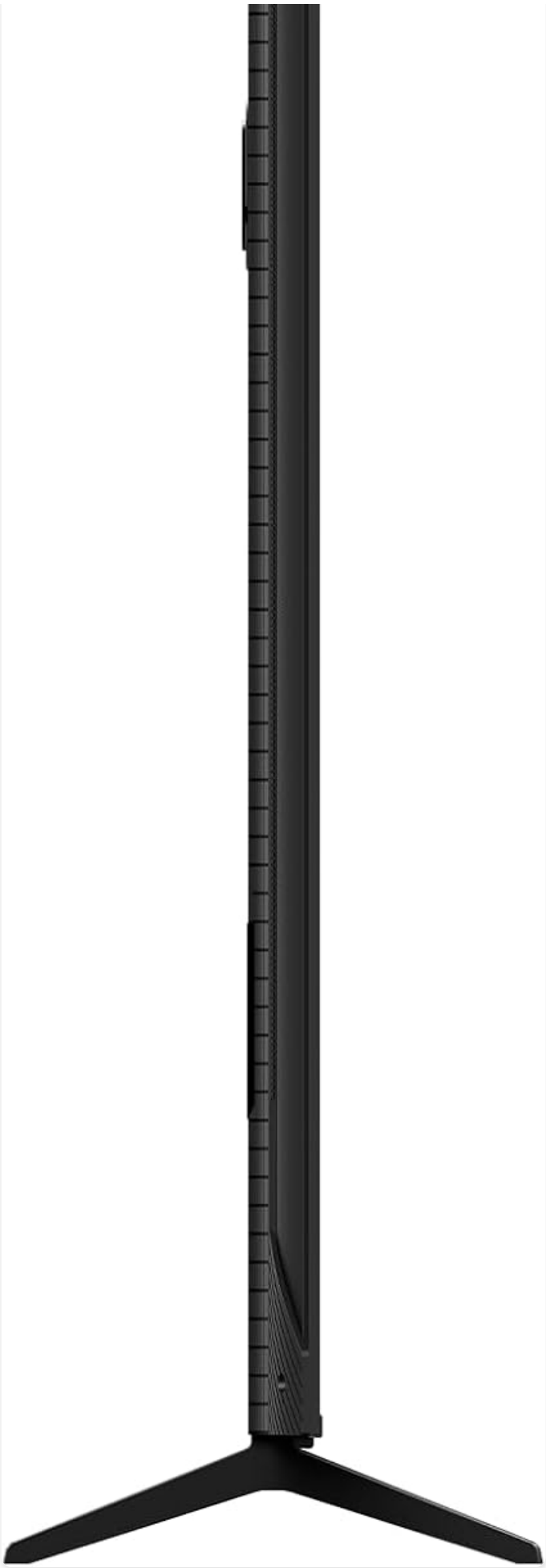


Figure 3: Rear view of the television showing connectivity ports.

Initial Power-On and Setup Wizard

After connecting all cables, press the power button on the remote control or the TV. The TV will guide you through the initial setup wizard, including language selection, network connection (Wi-Fi 5), Google account sign-in, and channel scanning.

Operating Instructions

Basic Functions

- **Power On/Off:** Press the power button on the remote control.
- **Input Selection:** Use the 'Input' button on the remote to switch between HDMI, USB, and other sources.
- **Volume Control:** Use the 'Volume Up/Down' buttons.
- **Navigation:** Use the directional pad and 'OK' button to navigate menus.

Picture Quality Features

Your TCL 85P7K TV is equipped with advanced picture technologies for an immersive viewing experience:

- **QLED (Quantum Dot LED):** Delivers over a billion hues of vivid color, providing exceptional color accuracy and brightness. The Colorful Quantum Crystal material ensures a long service life.



Figure 4: Comparison of Colorful Quantum Crystal and Conventional Quantum Crystal technology.

- **AiPQ Processor:** An AI-powered picture processing engine that enhances image quality by optimizing contrast, color accuracy, and clarity for every scene. It includes Ai-Clarity, Ai-Motion, Ai-Contrast, Ai-Color, and Ai-HDR.



Figure 5: Visual representation of the AiPQ Processor.

- **HDR 10+ & Dolby Vision:** Supports High Dynamic Range formats for superior contrast, brightness, and color detail, ensuring lifelike visuals.
- **HVA Panel:** Features an innovative HVA Panel that emphasizes stronger and more accurate contrast while reducing image halo and ambient light interference, providing a clearer picture with a wide viewing angle.



Figure 6: Demonstration of higher contrast with HVA Panel technology.

- **Multiple Eye Care:** Incorporates technologies like low blue light, natural light optimization, and flicker-free display to protect your eyes during extended viewing.

Audio Features

- **ONKYO 2.1 Hi-Fi Sound System:** Delivers rich, immersive audio for a complete home entertainment experience.



Figure 7: The ONKYO 2.1 sound system integrated with the television.

- **Dolby Atmos:** Provides three-dimensional, room-filling sound that transcends conventional channel limitations.
- **DTS Virtual X:** Creates virtualized 3D sound that appears to emerge from above, beside, and behind you, enhancing immersion.

Smart TV and Connectivity

- **Google TV:** Access a vast library of streaming services (Netflix, Hulu, Amazon Prime Video, YouTube, Disney+, etc.), apps, and content.
- **Hands-Free Voice Control & Google Assistant:** Use voice commands to control your TV, search for content, and manage smart home devices without needing the remote.
- **TCL Home:** Control your TCL smart home devices directly from your television.

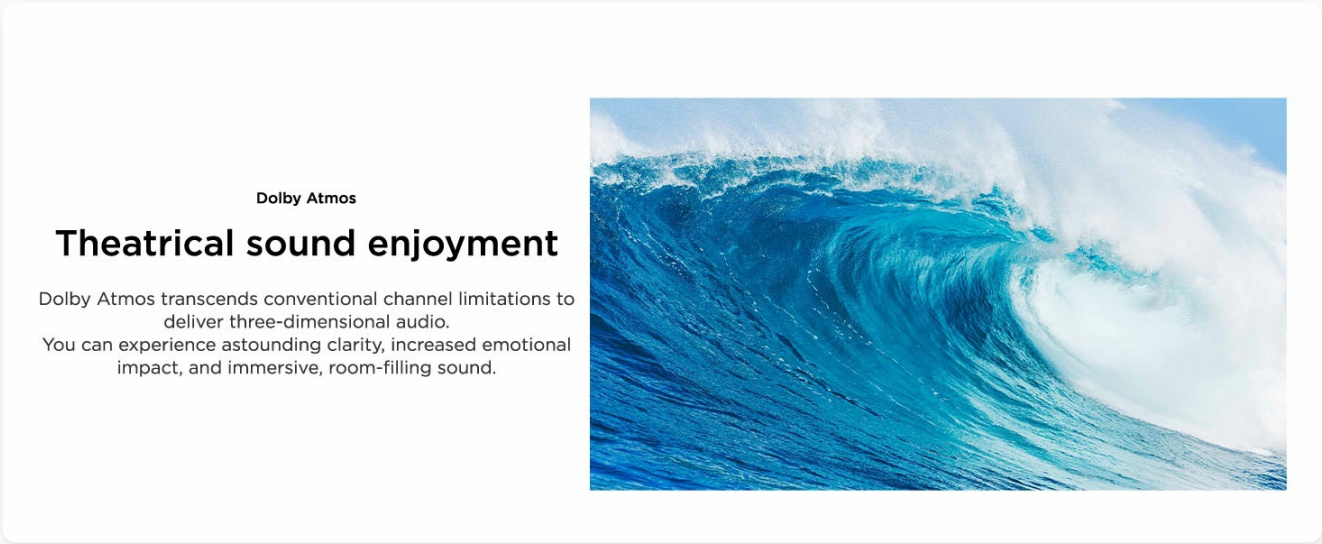


Figure 8: Controlling TCL smart devices via TCL Home on the television.

- **Bluetooth 5.2 & Wi-Fi 5:** Ensures stable and fast wireless connectivity for streaming and connecting peripherals.

Gaming Features

- **Game Master:** Optimizes display and audio settings for gaming, providing a smoother and more responsive experience.

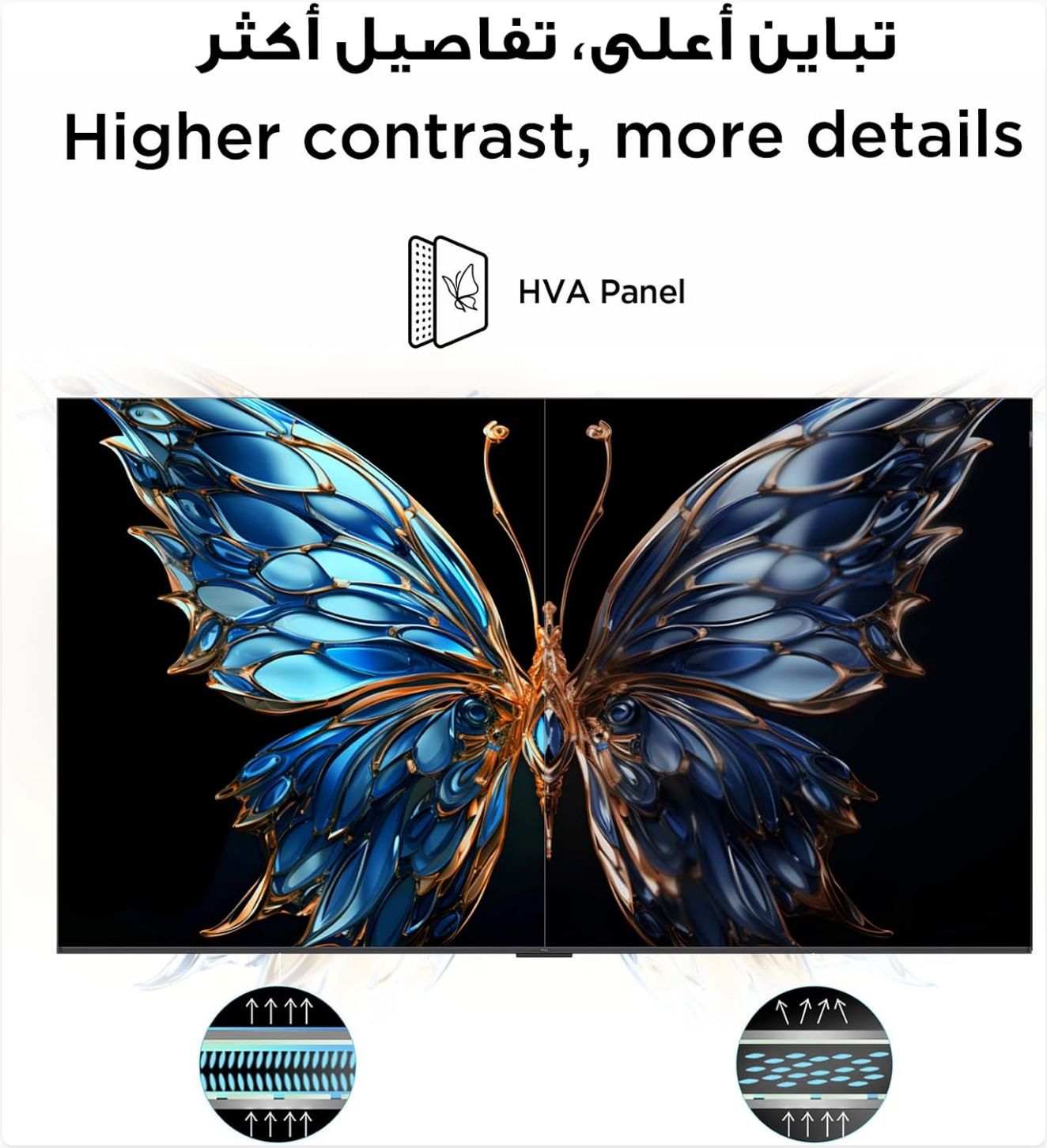


Figure 9: The Game Master interface for optimized gaming.

- **120Hz Game Accelerator (DLG 120Hz) & VRR 120Hz:** Reduces input lag and screen tearing for fluid gameplay.



Figure 10: Visualizing the benefit of 120Hz Game Accelerator for reduced latency.

- **MEMC 60Hz:** Motion Estimation, Motion Compensation technology enhances motion clarity for fast-moving scenes.

Maintenance

Screen Cleaning

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. **Do not** spray liquid directly onto the screen. Avoid using abrasive cleaners, alcohol, or ammonia-based solutions, as these can damage the screen surface.

Body Cleaning

Wipe the TV's body and stand with a soft, dry cloth. If necessary, a slightly damp cloth can be used, followed by a dry cloth to remove any moisture.

General Care

- Keep the TV away from direct sunlight and heat sources.
- Ensure adequate ventilation around the TV to prevent overheating.
- Unplug the TV from the power outlet during lightning storms or when it will be left unattended for long periods.

Troubleshooting

If you encounter issues with your television, refer to the following common problems and solutions before contacting support.

Problem	Possible Cause	Solution
No Power	Power cable disconnected; Power outlet not working; Remote control batteries dead.	Check power cable connection; Test outlet with another device; Replace remote batteries.
No Picture, but Sound is Present	Incorrect input source selected; External device not powered on or connected properly.	Press 'Input' button to cycle through sources; Check external device power and cable connections.
No Sound, but Picture is Present	Volume muted or too low; External audio system not configured correctly.	Unmute volume or increase level; Check audio output settings on TV and external audio system.
Remote Control Not Responding	Batteries are low or inserted incorrectly; Obstruction between remote and TV.	Replace batteries; Ensure clear line of sight to TV's IR receiver.
Wi-Fi Connection Issues	Incorrect Wi-Fi password; Router issues; TV too far from router.	Verify password; Restart router; Move TV closer to router or use a Wi-Fi extender.

Specifications

The following table details the technical specifications of the TCL 85P7K Television (Model: 85P71K).

Feature	Specification
Model Number	85P71K
Brand	TCL
Screen Size	85 Inches (216 cm diagonal)
Display Technology	QLED
Resolution	4K (3840 x 2160)
Refresh Rate	60 Hz (MEMC 60Hz, VRR 120Hz, DLG 120Hz)
Product Dimensions (with stand)	188.96 cm (W) x 108.6 cm (H) x 37.2 cm (D)

Feature	Specification
Product Dimensions (without stand)	188.96 cm (W) x 108.6 cm (H) x 6.3 cm (D)
Weight	52 kg
Special Features	AiPQ Processor, Bezel-Less Design, Game Mode, Google Assistant, HVA Screen, Multiple Eye Care
Connectivity Technology	Bluetooth 5.2, HDMI, USB, Wi-Fi 5
Supported Internet Services	Netflix, Hulu, Amazon Prime Video, YouTube, Google Play Movies & TV, Disney+, HBO Max, Apple TV, Paramount+, Peacock, Vudu, Tubi, Pluto TV, Sling TV, Philo, Hulu + Live TV, YouTube TV, FuboTV, and many others
Included Components	Power Adapter, Power Cable, Remote Control, Stand, User Manual
Manufacturer	TCL
Country of Origin	China



Figure 11: Detailed dimensions of the TCL 85P7K Television.

Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official TCL website. Keep your purchase receipt as proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or service requests, please contact TCL customer support through their official channels. You may also find additional resources and FAQs on the TCL Brand Store on Amazon or the main TCL website.

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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

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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