

[Manuals.plus](#) /

› [TCL](#) /

› TCL 4K Ultra HD Smart LED Google TV 43V6C User Manual

TCL 43V6C

TCL 4K Ultra HD Smart LED Google TV

MODEL: 43V6C USER MANUAL

1. Introduction

Thank you for choosing the TCL 43V6C 4K Ultra HD Smart LED Google TV. This manual provides essential information for setting up, operating, and maintaining your new television. Please read it thoroughly to ensure proper use and to maximize your viewing experience. This television features a stunning 4K UHD display, Google TV operating system, and advanced audio technologies like Dolby Atmos and DTS-X.

2. Setup

2.1. Unboxing and Package Contents

Carefully remove all components from the packaging. Ensure all items listed below are present:

- 1N LED TV
- 1N Audio Cable
- 1N Stand
- 1N Power cord
- 1N Remote Control
- 2N AAA Batteries

What's in the box



LED TV

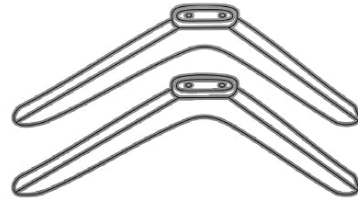


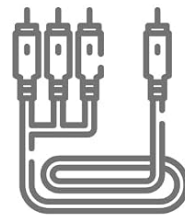
Table Top TV Stand



TV Remote



2 Batteries



Audio Cable

Figure 2.1: What's in the box diagram.

2.2. Physical Installation

Your TCL TV can be installed on a table using the included stand or wall-mounted (wall mount kit sold separately). Ensure proper ventilation around the TV.

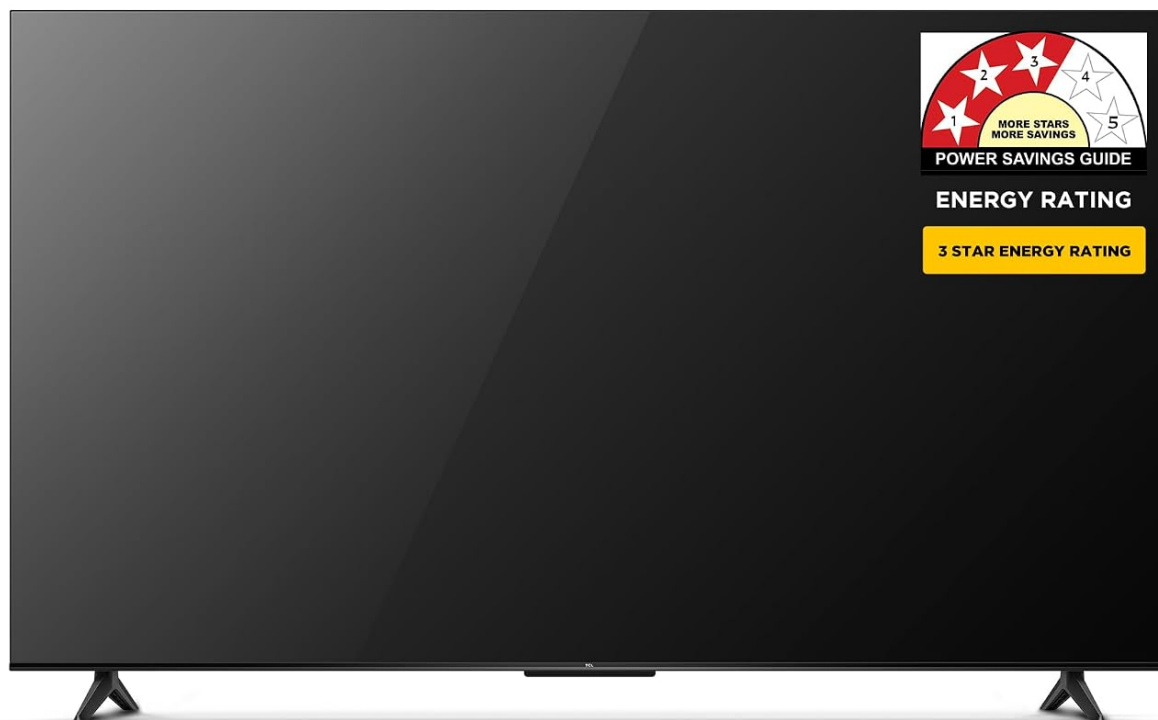


Figure 2.2: TCL 43V6C TV with table-top stand.

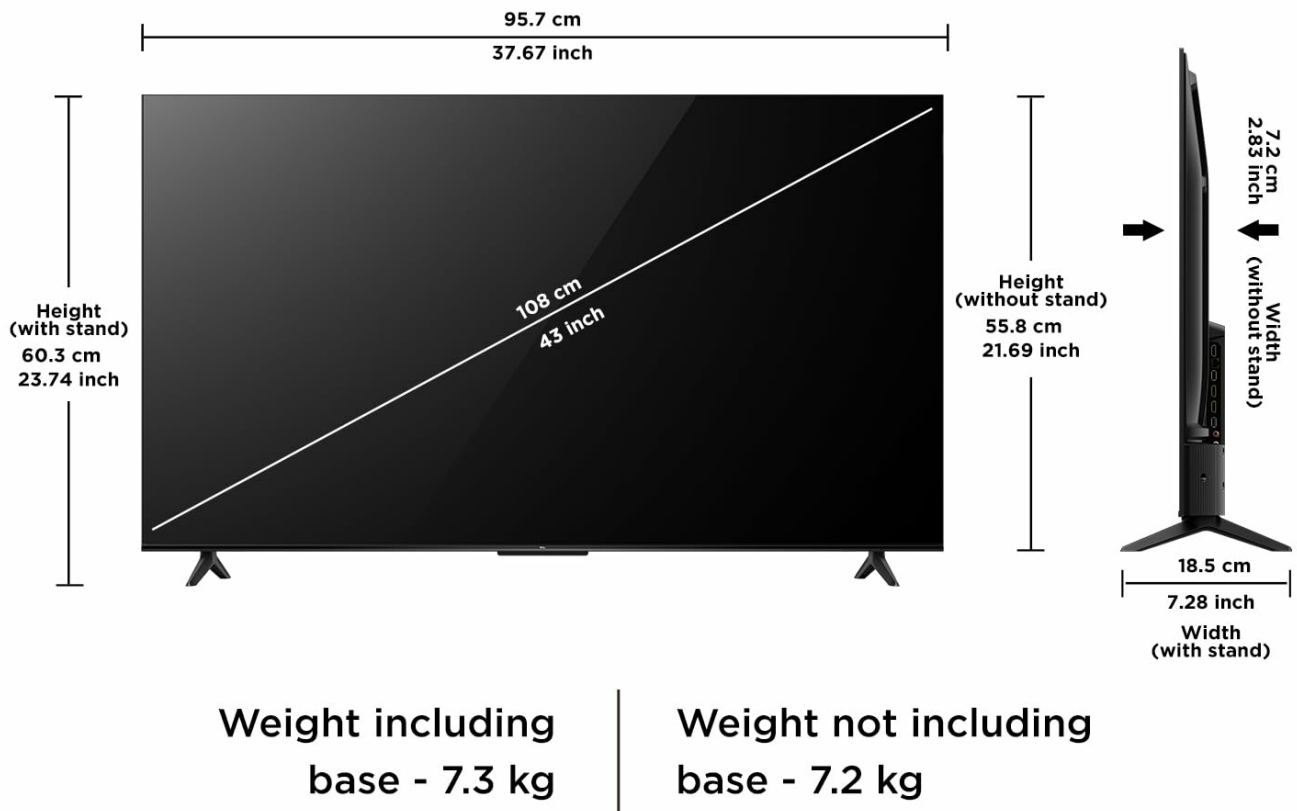


Figure 2.3: TV dimensions for installation planning.

2.3. Connecting External Devices

Connect your devices to the appropriate ports on the TV. Refer to the diagram below for port locations.

- **HDMI Ports (3):** For connecting set-top boxes, gaming consoles, Blu-ray players. HDMI 3 supports eARC/ARC for enhanced audio return.
- **USB Port (1):** For connecting USB storage devices to play media.
- **LAN Port (1):** For wired internet connection.
- **Antenna Input (1):** For connecting a terrestrial antenna.
- **Satellite Input (1):** For connecting a satellite dish.
- **AV IN Adapter (1):** For connecting older devices using composite video/audio cables.
- **Digital Audio Out (Optical):** For connecting to external sound systems.

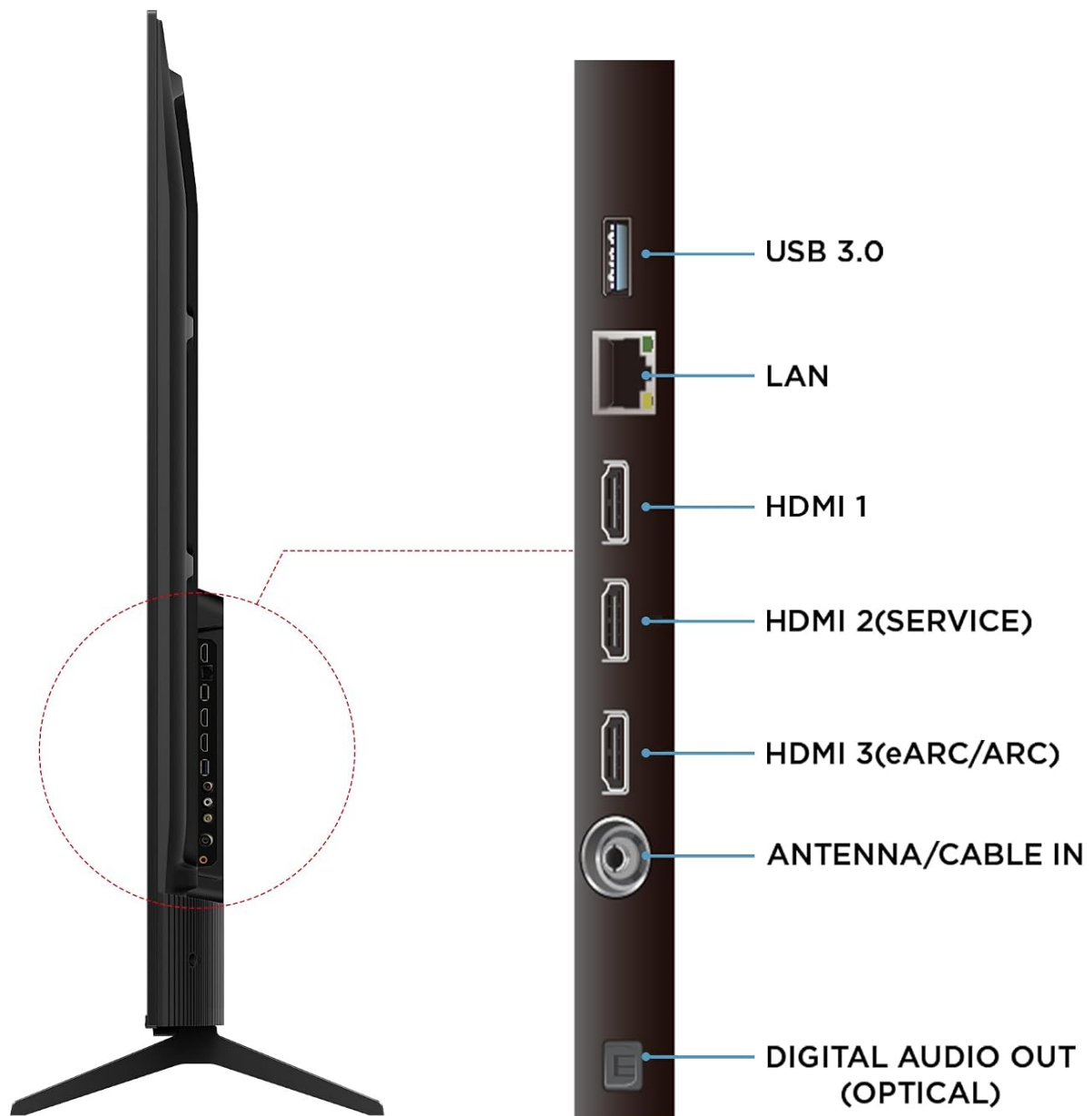


Figure 2.4: TV Connectivity Ports.

2.4. Initial Power On and Setup

After connecting all cables, plug the power cord into an electrical outlet. The TV will power on and guide you through the initial setup process, including language selection, network connection (Wi-Fi or LAN), and Google TV account setup.

3. Operating Instructions

3.1. Remote Control

The smart remote control provides easy access to all TV functions. Insert the two AAA batteries into the remote control, observing polarity.

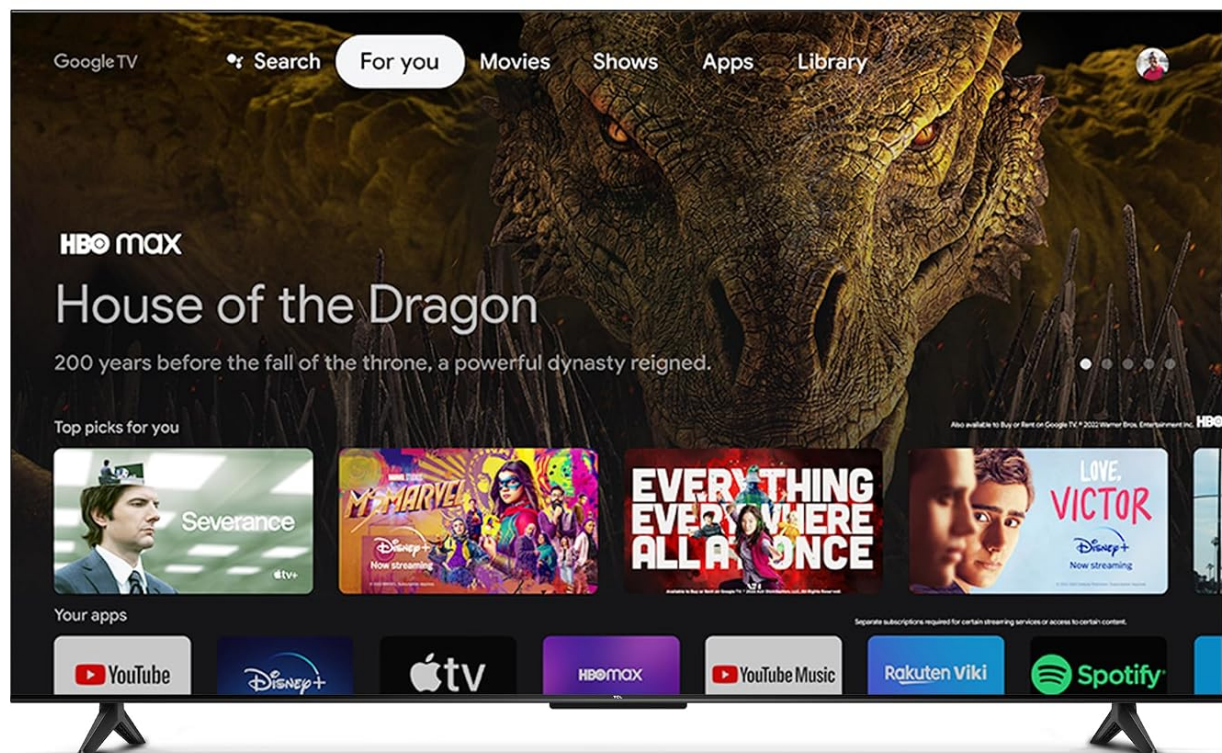


Figure 3.1: TCL Smart Remote Control.

- **Power Button:** Turns the TV on or off.
- **Google Assistant Button:** Activates voice control for searching content, controlling smart home devices, and getting information.
- **Navigation Pad:** For menu navigation.
- **OK Button:** Confirms selections.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Accesses the Google TV home screen.
- **Volume +/-:** Adjusts volume.
- **Channel +/-:** Changes channels.
- **Dedicated App Buttons:** Quick access to popular streaming services like Netflix, Prime Video, and YouTube.

3.2. Smart TV Features (Google TV)

Your TV runs on the Google TV operating system, offering a personalized content experience.



Google TV



AND MORE...

Figure 3.2: Google TV Interface.

- **Content Aggregation:** Google TV organizes movies, shows, and live TV from all your apps and subscriptions in one place.
- **Google Assistant:** Use voice commands to find content, control playback, get answers, and manage smart home devices.
- **Chromecast Built-in:** Cast content directly from your smartphone, tablet, or laptop to the TV.
- **Pre-installed Apps:** Access popular streaming services such as Prime Video, Netflix, Hotstar, Zee5, and more.
- **Web Browser:** Browse the internet directly on your TV.
- **Screen Mirroring:** Share your mobile device's screen wirelessly to the TV.
- **Kids Profile:** Create a dedicated profile for children with age-appropriate content and parental controls.

3.3. Display Features

Experience stunning visuals with the advanced display technologies integrated into your TCL TV.

- **4K UHD Resolution (3840 x 2160):** Delivers incredibly sharp and detailed images.

4K UHD

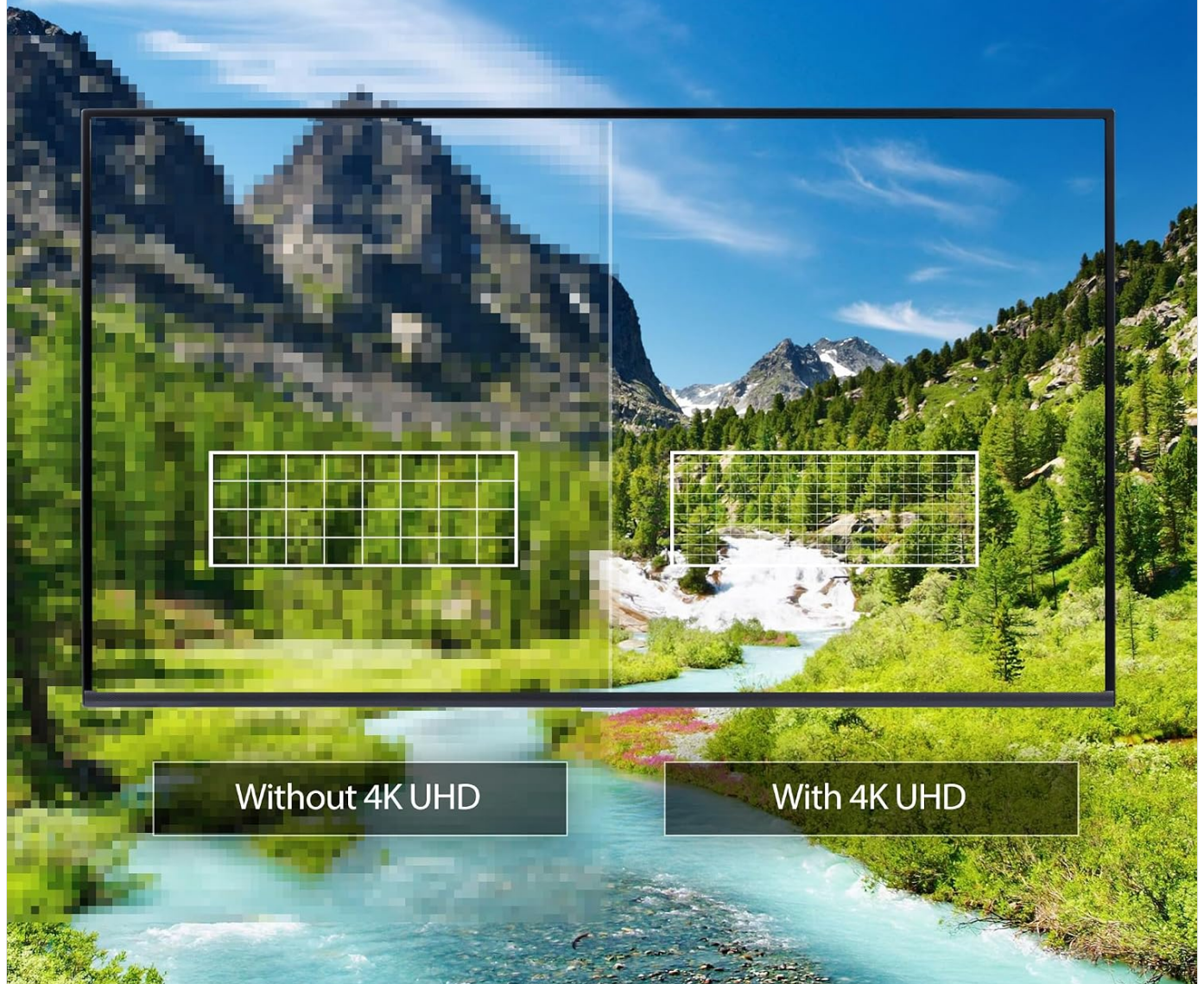


Figure 3.3: 4K UHD vs. lower resolution comparison.

- **HDR 10:** Provides enhanced contrast, brightness, and a wider range of colors for a more lifelike picture.
- **AiPQ Processor:** An intelligent processor that optimizes picture and sound in real-time, enhancing clarity, color, and contrast.

AiPQ Processor

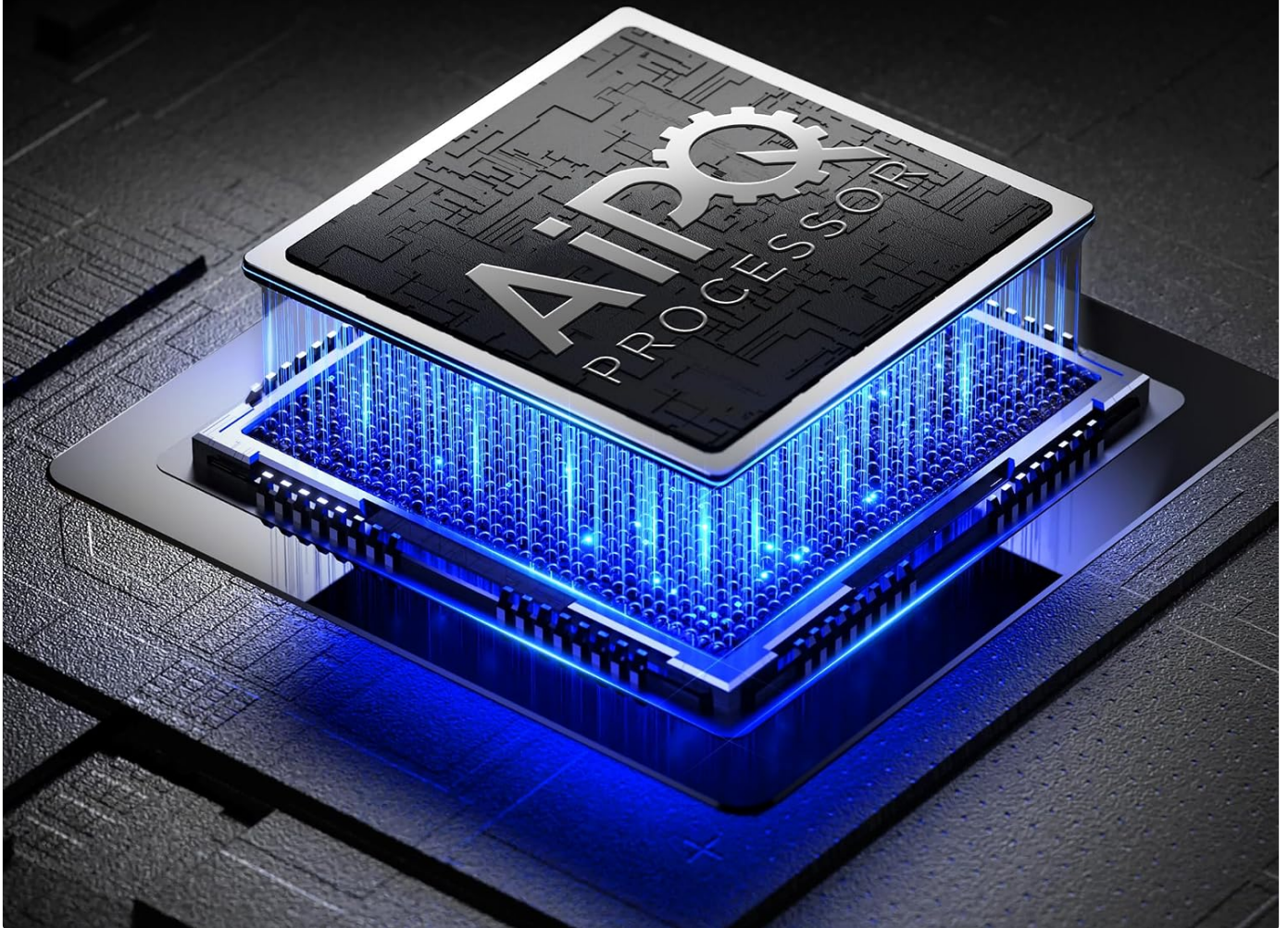


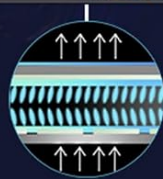
Figure 3.4: AiPQ Processor illustration.

- **HVA Panel:** Offers higher contrast and more details compared to conventional panels, with a 178-degree wide viewing angle.

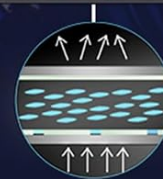
HVA Panel

Higher Contrast, More Details

3X Contrast Enhancement | $>178^\circ$ Viewing Angle | No Halo | Anti-Glare



HVA Screen Liquid
crystal structure



Conventional Screen
Liquid crystal structure

Figure 3.5: HVA Panel technology explanation.

- **MEMC (Motion Estimation, Motion Compensation):** Reduces motion blur and image judder in fast-moving scenes, ensuring smooth and clear visuals.

Motion Clarity

Never Miss a Detail in Fast Moving Action



Figure 3.6: Motion Clarity demonstration.

- **Dynamic Color Enhancement:** Optimizes color vibrancy and saturation for a more vivid and natural picture.



Dynamic Color Enhancement



Figure 3.7: Dynamic Color Enhancement in action.

- **Metallic Bezel-Less Design:** Provides an immersive viewing experience with minimal distractions.
- **Multiple Eye Care:** Features designed to reduce eye strain, including flicker-free technology and low blue light mode.

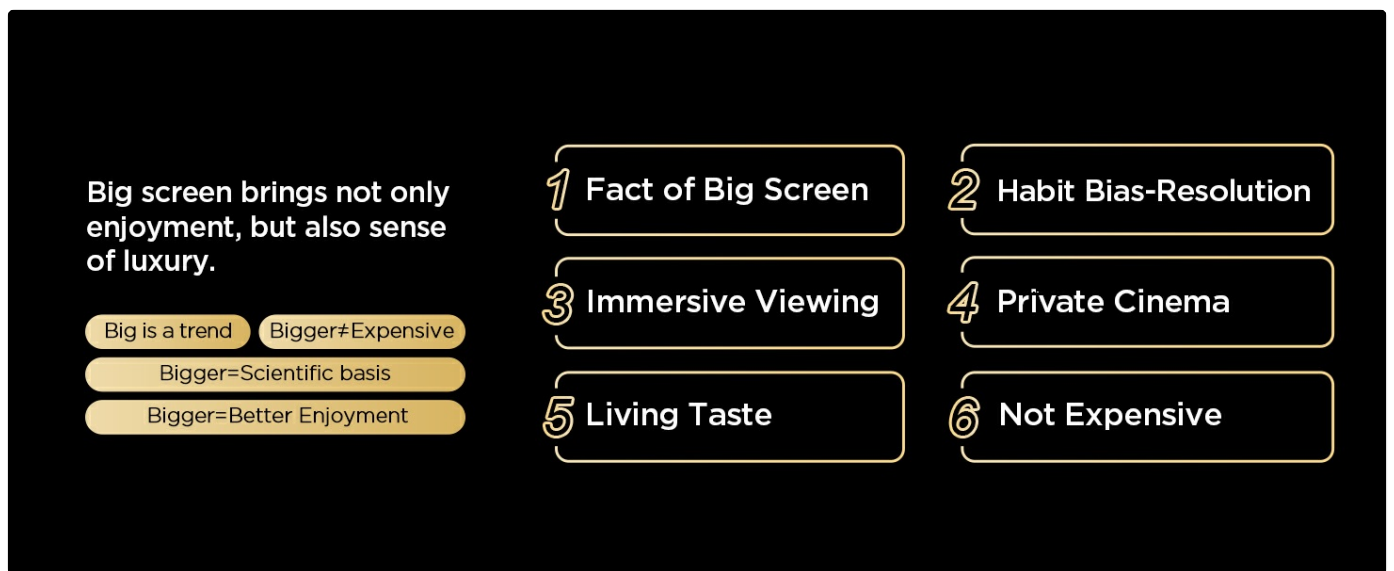


Figure 3.8: Multiple Eye Care features.

3.4. Audio Features

Enjoy rich and immersive sound with your TCL TV.

- **Dolby Atmos:** Delivers multi-dimensional sound that moves around you, creating an immersive audio experience.
- **DTS-X:** Provides object-based audio for a more realistic and engaging soundstage.
- **24 Watts Output:** Powerful audio output for clear and dynamic sound.

Dolby Audio



Figure 3.9: Dolby Audio experience.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your TV.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Body:** Use a soft, dry cloth to clean the TV's frame and stand.
- **Ventilation:** Ensure the ventilation openings on the back of the TV are not blocked to prevent overheating.
- **Power Cord:** Regularly check the power cord for any damage. Do not use a damaged cord.
- **Storage:** If storing the TV for an extended period, disconnect it from power and cover it to protect from dust.

5. Troubleshooting

This section addresses common issues you might encounter. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
No Power	Power cord disconnected; no power from outlet.	Ensure power cord is securely plugged in. Check if the outlet is working by plugging in another device.
No Picture, but Sound is Present	Incorrect input source; loose HDMI/AV cable.	Press the 'Input' or 'Source' button on your remote to select the correct input. Check and re-secure all video cables.
No Sound, but Picture is Present	Volume muted or too low; incorrect audio output setting.	Unmute the TV or increase volume. Check audio output settings in the TV menu (e.g., ensure internal speakers are selected if not using external audio).
Remote Control Not Working	Batteries drained or incorrectly inserted; obstruction between remote and TV.	Replace batteries with new ones, ensuring correct polarity. Remove any obstructions. Point the remote directly at the TV's IR sensor.
Cannot Connect to Wi-Fi	Incorrect password; router issues; TV too far from router.	Double-check Wi-Fi password. Restart your router and TV. Move the TV closer to the router or consider a Wi-Fi extender.

6. Specifications

Detailed technical specifications for the TCL 43V6C TV.

Feature	Specification
Brand	TCL
Model	43V6C
Screen Size	43 Inches (108 cm)
Display Technology	LED
Resolution	4K Ultra HD (3840 x 2160 Pixels)
Refresh Rate	60 Hz
Operating System	Google TV
RAM Memory	2 GB

Feature	Specification
Internal Storage	16 GB
Processor	64-bit Quad Core Processor
Connectivity	Wi-Fi 5, USB (1), Ethernet, HDMI (3)
HDMI Ports	3 (including 1 eARC/ARC)
Audio Output	24 Watts
Audio Technologies	Dolby Atmos, DTS-X
Special Features	HDR 10, AiPQ Processor, HVA Panel, 100% Color Volume Plus, 178 Degree Wide Viewing Angle, Micro Dimming, MEMC, Metallic Bezel-Less Design, Google Assistant, Chromecast built-in, Screen Mirroring, Multiple Eye Care
Power Consumption (On-mode)	90 Watts
Annual Energy Consumption	110 kWh/Year (3 Star Energy Rating)
Product Dimensions (with stand)	18.5D x 95.7W x 60.3H Centimeters
Item Weight	5.5 kg
Model Year	2025

7. Warranty and Support

7.1. Warranty Information

Your TCL 43V6C TV comes with a **2-year warranty** provided by the manufacturer from the date of purchase. Please retain your purchase invoice as proof of warranty.

7.2. Customer Support

For any technical assistance, service requests, or further inquiries, please contact TCL customer support. Refer to the official TCL website for the most up-to-date contact information and service center details in your region.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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