

TCL 43T6D

TCL 43T6D 4K UHD Smart QLED Google TV User Manual

Model: 43T6D

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your TCL 43T6D 4K UHD Smart QLED Google TV. Please read this manual thoroughly before using your television to ensure proper and safe operation. Keep this manual for future reference.



Front view of the TCL 43T6D 4K UHD Smart QLED Google TV.



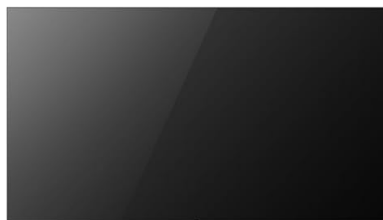
Side profile of the TCL 43T6D 4K UHD Smart QLED Google TV, highlighting its slim design.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging:

- 1N LED TV
- 1N Stand (Table Top Stand)
- 1N Remote Control
- 2N AAA Batteries

What's in the box



Television



Remote with 2 AAA Batteries

Wall mount & Stand Options

Fixed Wall Mount
Not Included in the box

Table Top Stand
Included in the box

Note: Fixed or adjustable wall mount is not included in the box. Can be purchased by service provider at market place.

Illustration of the items included in the TV packaging. Note that a fixed wall mount is not included.

3. SETUP

3.1 Physical Installation

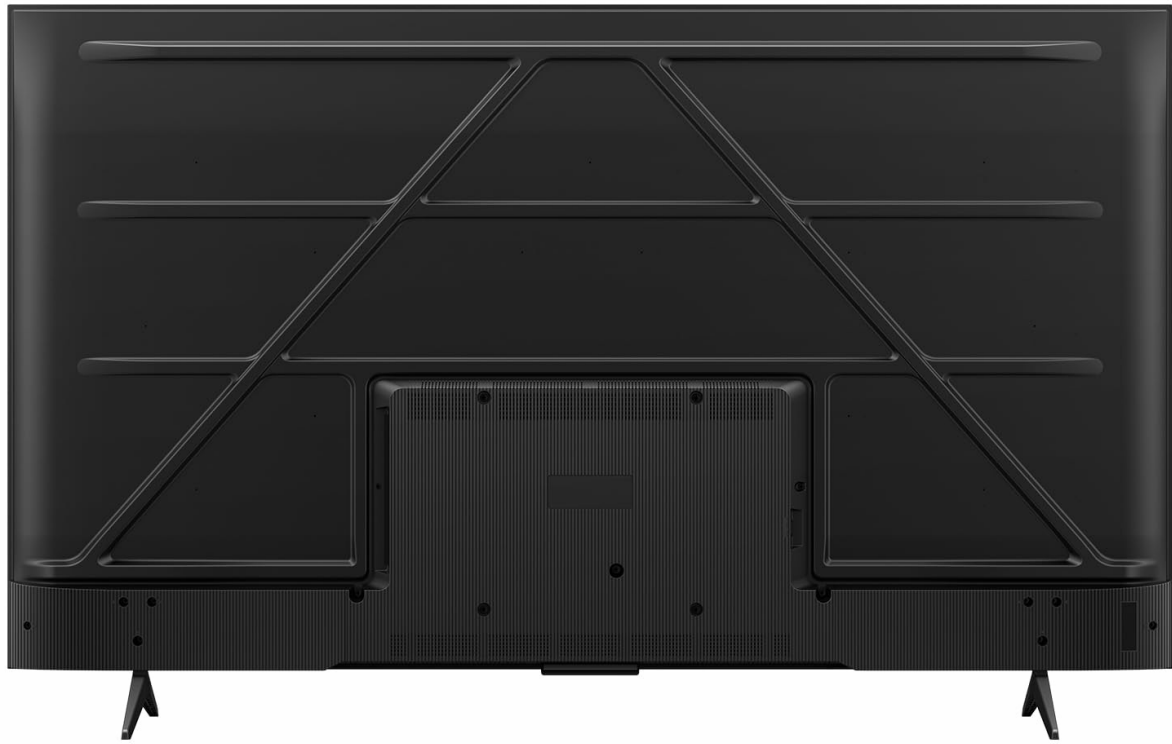
Your TCL 43T6D TV can be installed using the included table-top stand or a compatible wall mount (sold separately).

Table Top Stand Installation:

1. Carefully place the TV screen-down on a soft, flat surface to prevent damage.
2. Attach the stand bases to the designated slots at the bottom of the TV, ensuring they are securely fastened with the provided screws.
3. Place the TV on a stable, level surface.

Wall Mount Installation:

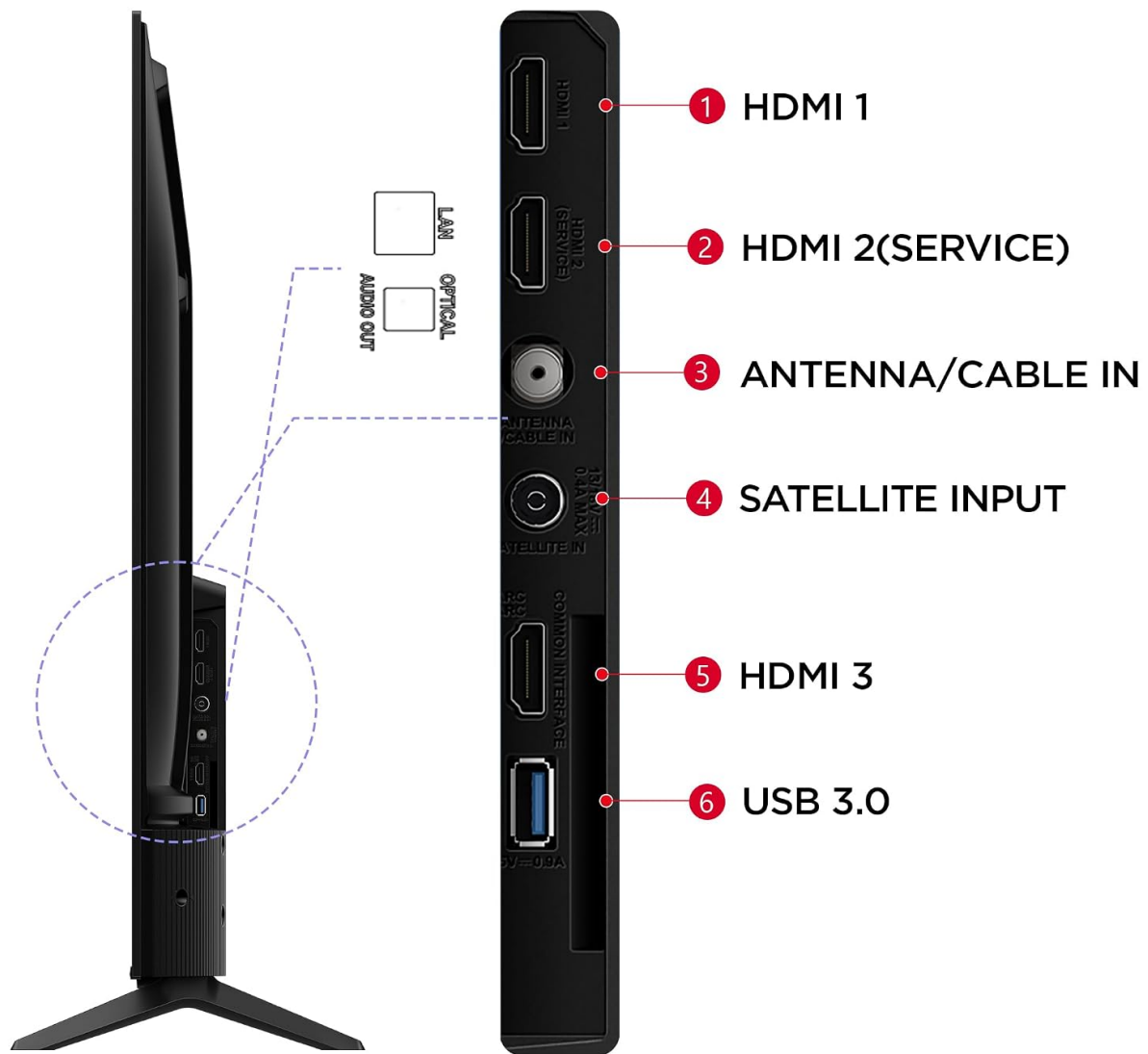
If you choose to wall-mount your TV, please consult a professional installer or refer to the wall mount's instructions for proper installation. Ensure the wall mount is compatible with the VESA mounting pattern of your TV.



Rear view of the television, indicating potential wall mount attachment points.

3.2 Connecting Devices

Connect your external devices such as set-top boxes, gaming consoles, and sound systems to the appropriate ports on your TV.



Detailed view of the TV's connectivity ports.

- **HDMI Ports (HDMI 1, HDMI 2, HDMI 3):** Connect high-definition devices like Blu-ray players, gaming consoles, and set-top boxes. HDMI 2 supports eARC for enhanced audio return channel functionality.
- **USB 3.0 Port:** Connect USB storage devices for media playback.
- **Antenna/Cable IN:** Connect an antenna or cable TV signal.
- **Satellite Input:** Connect a satellite dish for satellite TV reception.
- **AV IN Adapter:** For connecting older devices using composite video and stereo audio cables.
- **Ethernet (LAN):** Connect to your wired network for internet access.
- **Optical Audio Out:** Connect to a soundbar or audio receiver for digital audio output.

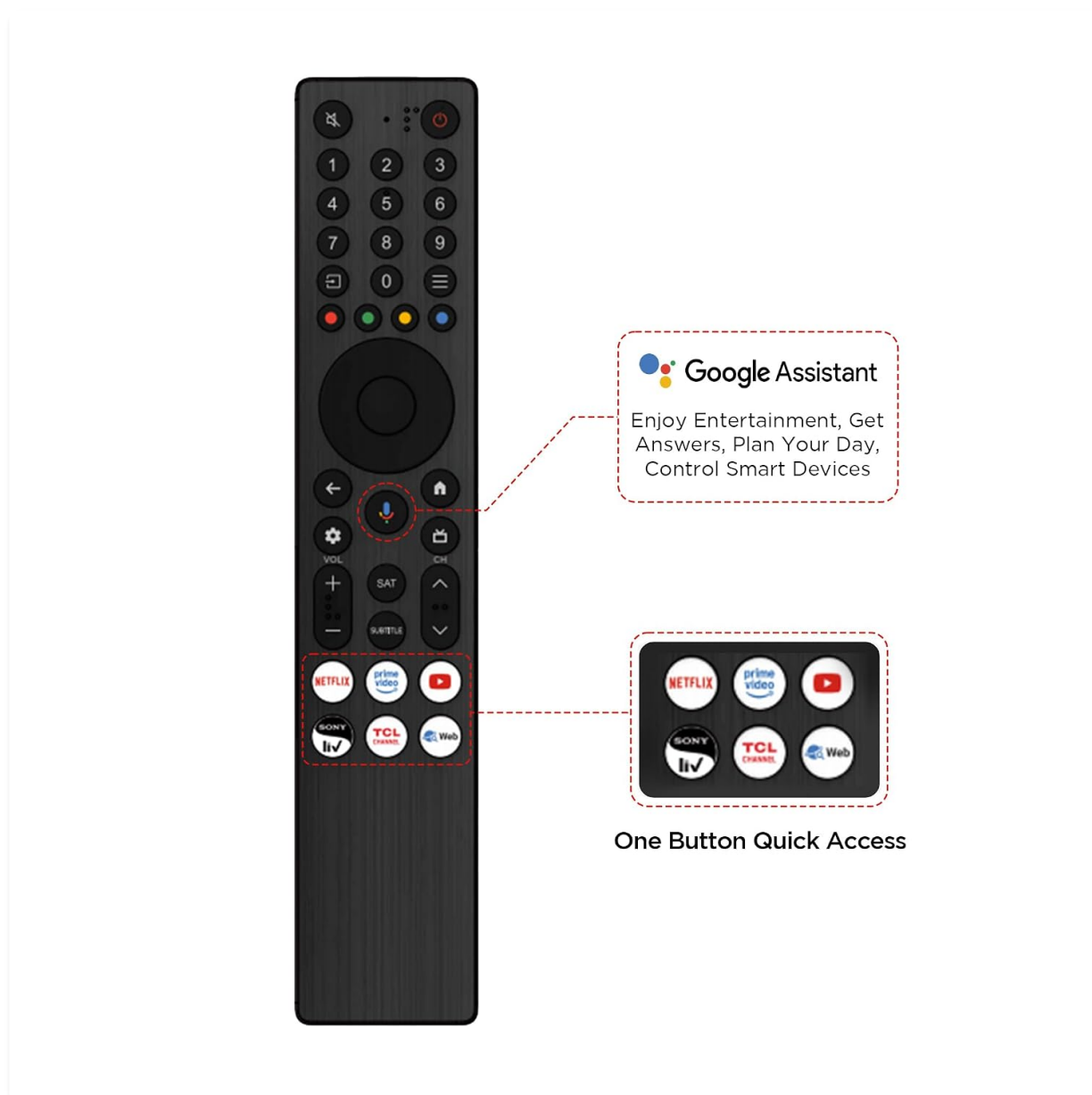
3.3 Initial Power On and Setup Wizard

1. Plug the power cord into the TV and then into a wall outlet.
2. Press the power button on the remote control or on the TV.
3. Follow the on-screen instructions to complete the initial setup, including language selection, network connection (Wi-Fi or Ethernet), and Google account sign-in.

4. OPERATING YOUR TV

4.1 Remote Control

The included remote control allows you to navigate the TV's features. Insert the two AAA batteries into the remote control, ensuring correct polarity.

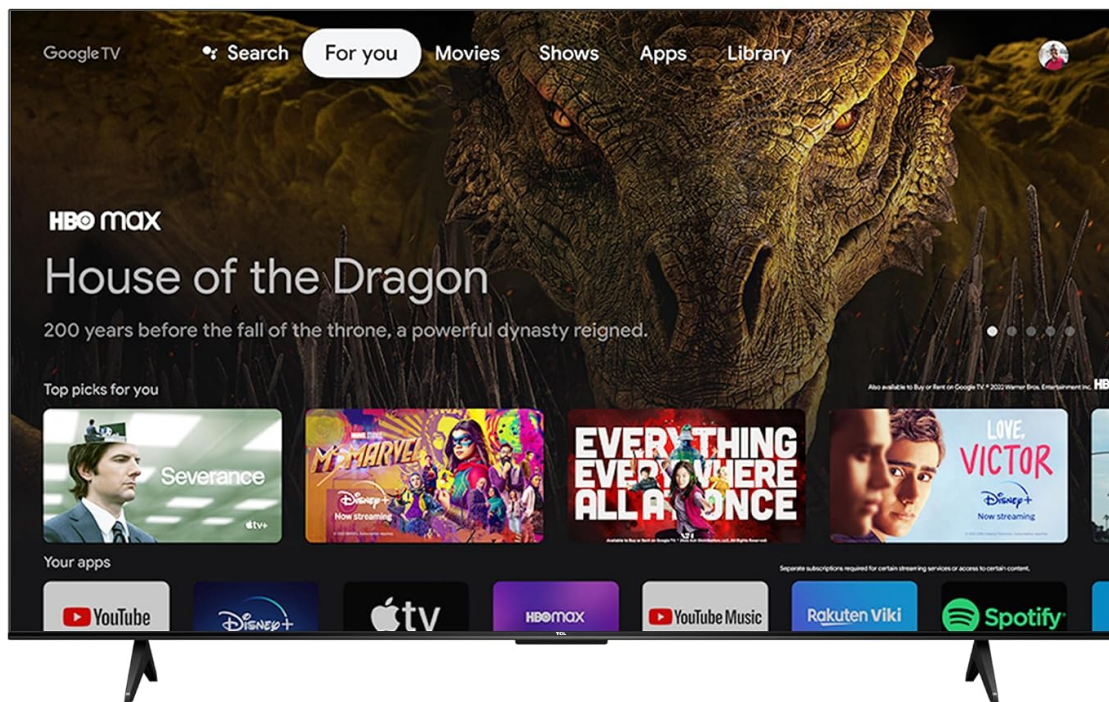


The remote control features dedicated buttons for popular streaming services and Google Assistant.

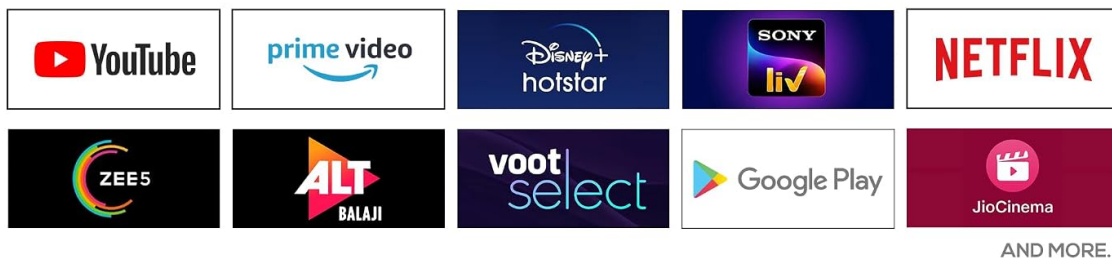
- **Power Button:** Turns the TV on or off.
- **Number Buttons:** Select channels directly.
- **Navigation Pad (Up/Down/Left/Right/OK):** Navigate menus and confirm selections.
- **Back Button:** Returns to the previous screen.
- **Home Button:** Accesses the Google TV home screen.
- **Google Assistant Button:** Activates voice commands for search and control.
- **Volume Up/Down:** Adjusts the volume.
- **Channel Up/Down:** Changes channels.
- **Quick Access Buttons:** Direct access to Netflix, Prime Video, YouTube, and other services.

4.2 Google TV Interface

Your TV runs on the Google TV operating system, providing a personalized and intuitive user experience.



 Google TV

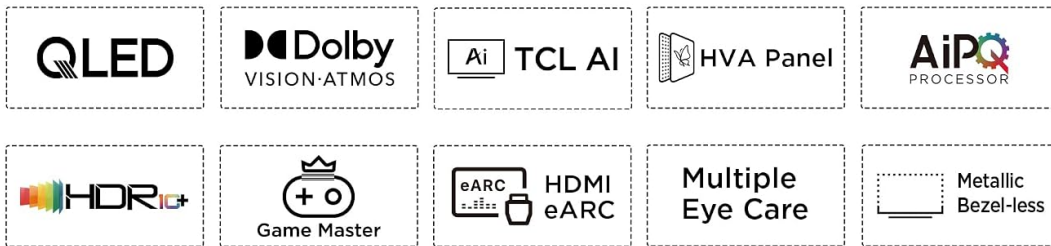


The Google TV home screen with various streaming applications.

- **Home Screen:** Displays personalized content recommendations, installed apps, and quick access to settings.
- **Apps:** Download and manage applications from the Google Play Store.
- **Google Assistant:** Use voice commands to search for content, control smart home devices, and get information.
- **Screen Mirroring:** Cast content from your smartphone or tablet to the TV.

4.3 Picture Settings and Technologies

The TCL 43T6D incorporates advanced display technologies for an enhanced viewing experience.



Overview of key display and audio technologies.

- **4K UHD QLED Panel:** Quantum Dot technology delivers over a billion hues of vivid color for a rich and accurate picture.

QLED

More than a Billion Hues of Perfect Vivid Color



QLED technology provides a wide color gamut for vibrant images.

Pioneer in Quantum Dot Technology

10+ Years of Innovation and Expertise

TCL remains at the forefront of innovation, investing heavily in QLED technology with a total of 2,485 patents. With a dedicated team of nearly 100 experts and an international Quantum Dot Lab.

QLED

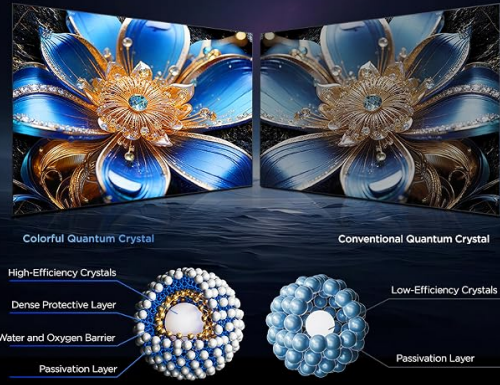
2485 Patents

TCL's expertise in Quantum Dot Technology.

Colorful Quantum Crystal

Color Reimagined, Brilliance Unleashed

TCL QLED introduces next-generation Colorful Quantum Crystal, featuring a more stable multi-layer nano-protection. It delivers an extraordinary, long-lasting color experience with exceptional brilliance and depth.



Colorful Quantum Crystal for enhanced optical and color properties.

Ultra-high Color Gamut

93%DCI-P3 Ultra-high Color Gamut

Utilizing Quantum Dot technology, it unveils over 1,000,000,000 hues of vibrant and precise colors, providing up to 93% color gamut according to DCI-P3 standard.

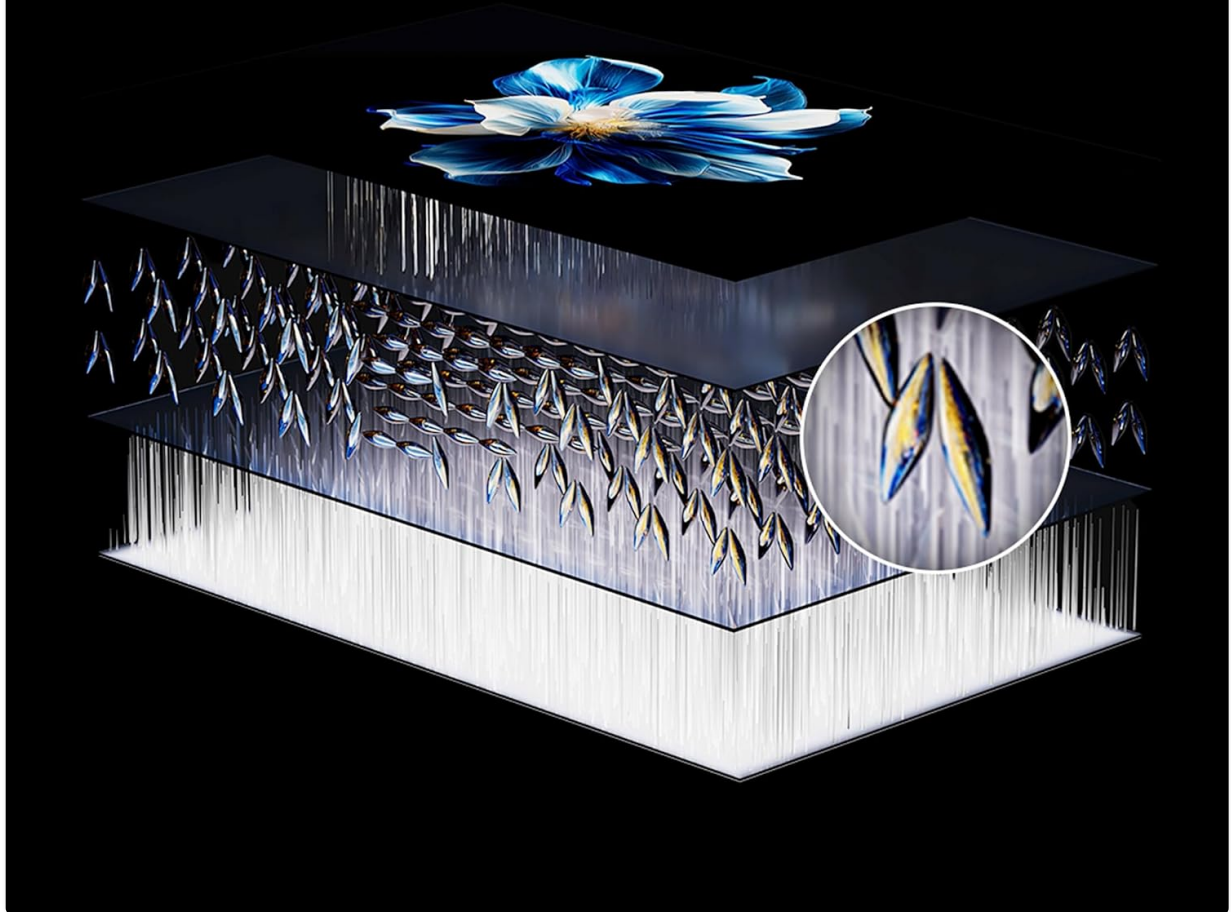


The TV supports an ultra-high color gamut, providing vibrant and precise colors.

- **HVA Panel:** Provides higher contrast and more detailed images.

HVA Panel

Higher Contrast, More Details



HVA Panel technology enhances contrast and detail.

- **HDR 10+ & Dolby Vision:** High Dynamic Range support delivers superior brightness, shadow details, and vivid colors.

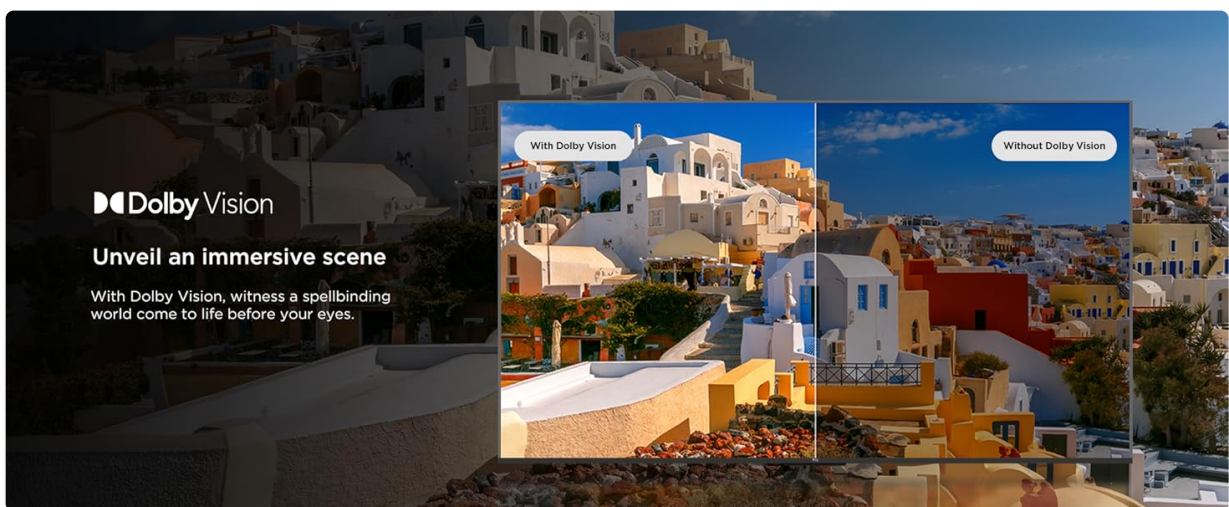
HDR 10+

See Details in a Detail

High Dynamic Range (HDR), provides a superior experience with striking brightness, exceptional shadow details and vivid colors. Sit still and enjoy incredible picture details as the film makers intended.



HDR 10+ reveals fine details in both bright and dark scenes.

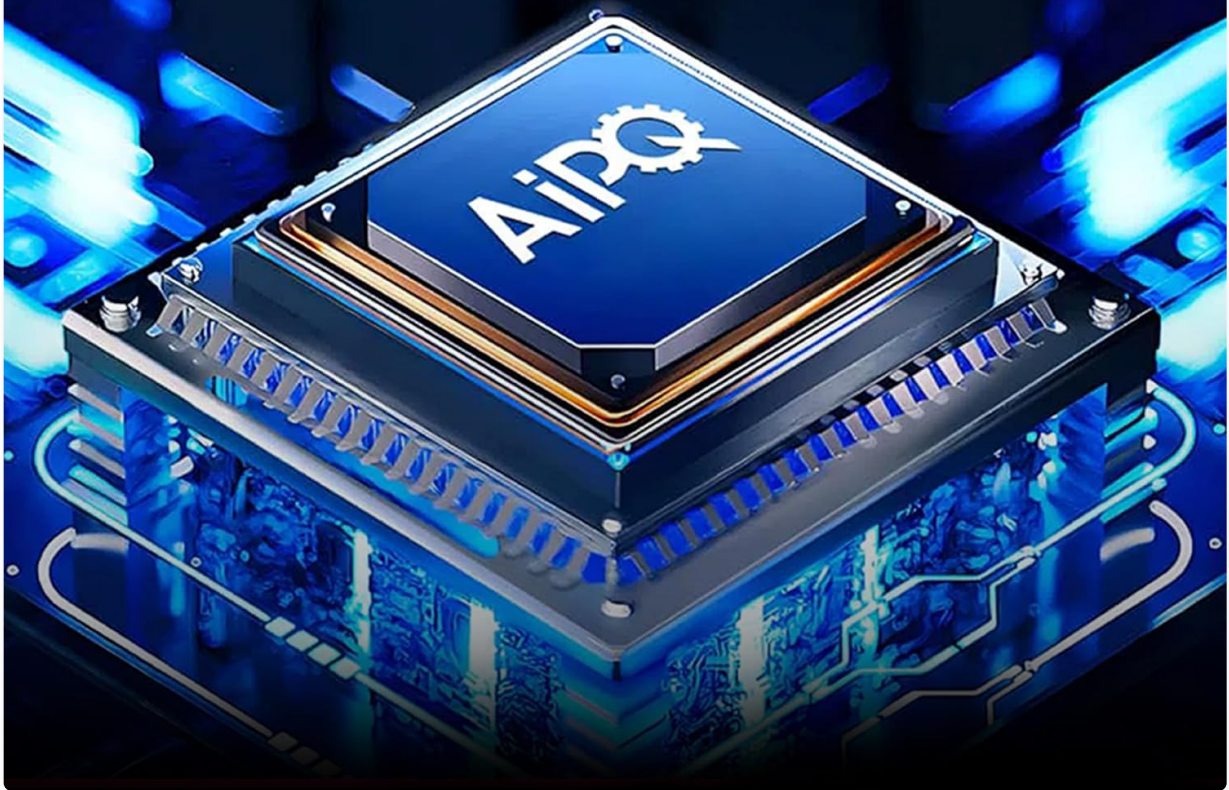


Dolby Vision provides an immersive scene with enhanced color and contrast.


- **AiPQ Processor:** TCL's self-developed processor optimizes picture quality through various AI algorithms.

AiPQ Processor

It perceives, it thinks, it produces









The AiPQ Processor intelligently enhances picture quality.

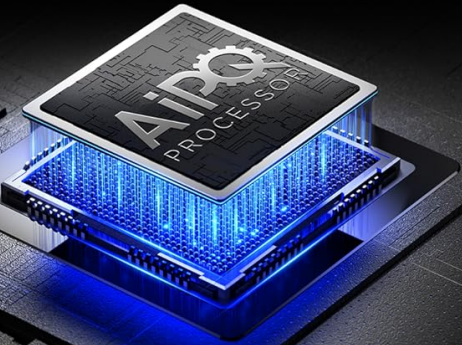


PROCESSOR

It perceives, It thinks, It produces

TCL's self-developed AiPQ Processor, incorporates numerous TCL's unique image quality tuning algorithms.





The AiPQ Processor utilizes AI for scene, contrast, color, clarity, motion, and HDR optimization.

- **Dynamic Color Enhancement:** Automatically optimizes color vibrancy.

Dynamic Color Enhancement

Catch the World of Color

Developed exclusively by TCL, Dynamic color Enhancement is designed to optimize colour vibrancy automatically.



Dynamic Color Enhancement adjusts colors for optimal vibrancy.

- **AI Picture Optimization (Ai-Clarity, Ai-Colour, Ai-Contrast, Ai-HDR):** These AI features work together to refine image details, color accuracy, contrast levels, and HDR decoding.



Ai-Clarity

Ai-Clarity recognizes the image in every detail.



Ai-Colour

Ai-colour perceives images as human eyes do.



Ai-Contrast

Ai-Contrast reveals the extreme situation of an image.



Ai-HDR

Ai-HDR makes your TCL TV incredibly intelligent in decoding multiple HDR formats.

AI-powered features enhance various aspects of picture quality.

- **Bionic Color Optimization Technology:** Adjusts colors to your viewing needs, enhancing scene colors and preserving skin tones.

Bionic Color Optimization Technology

Next-gen color that adjusts to your viewing needs

It intelligently analyzes image content and enhances scene colors with remarkable precision, boosting realism and immersion.

Scene Color Enhancement | Skin Tone Preservation

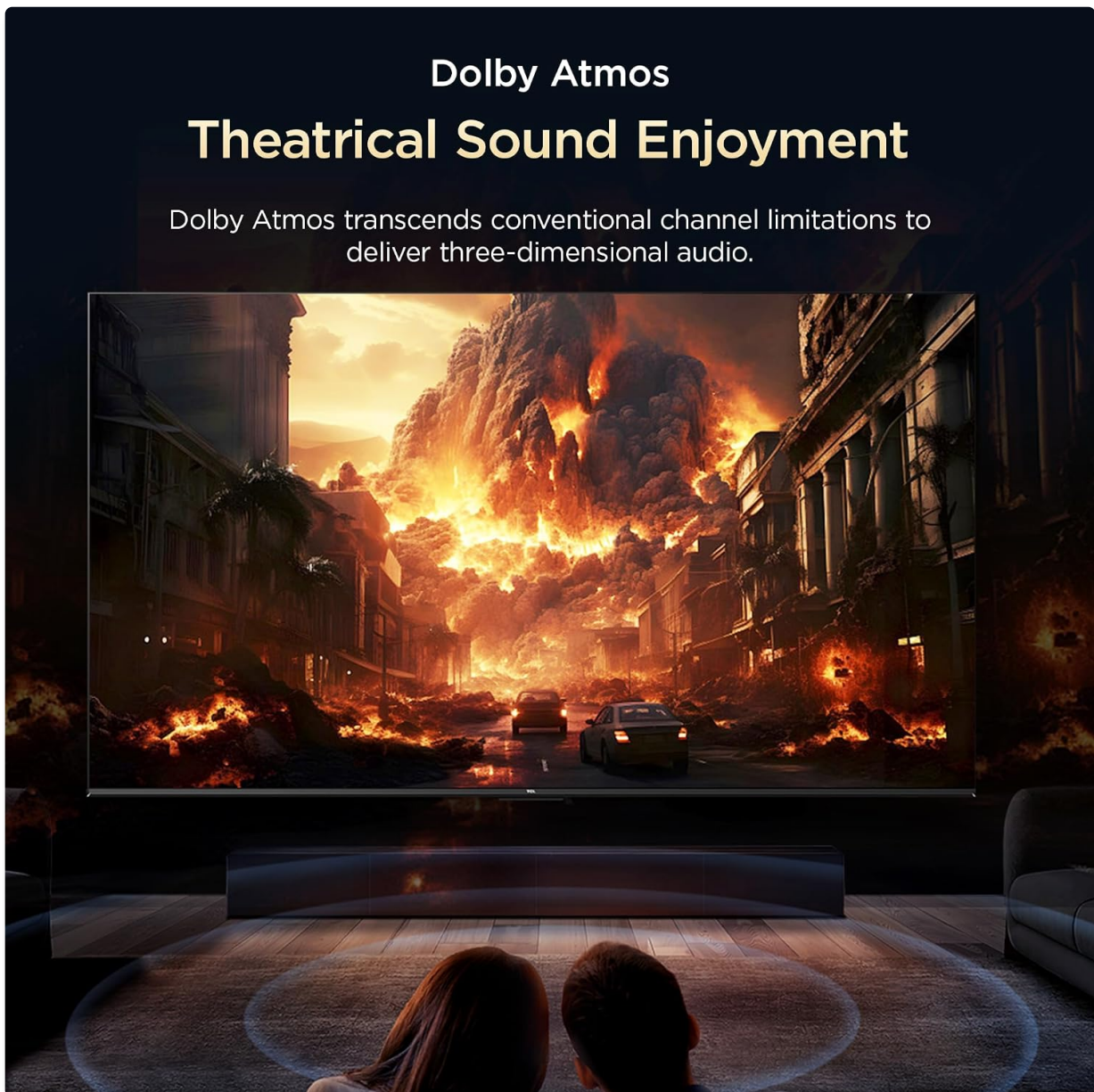


Bionic Color Optimization intelligently adjusts colors for realism and immersion.

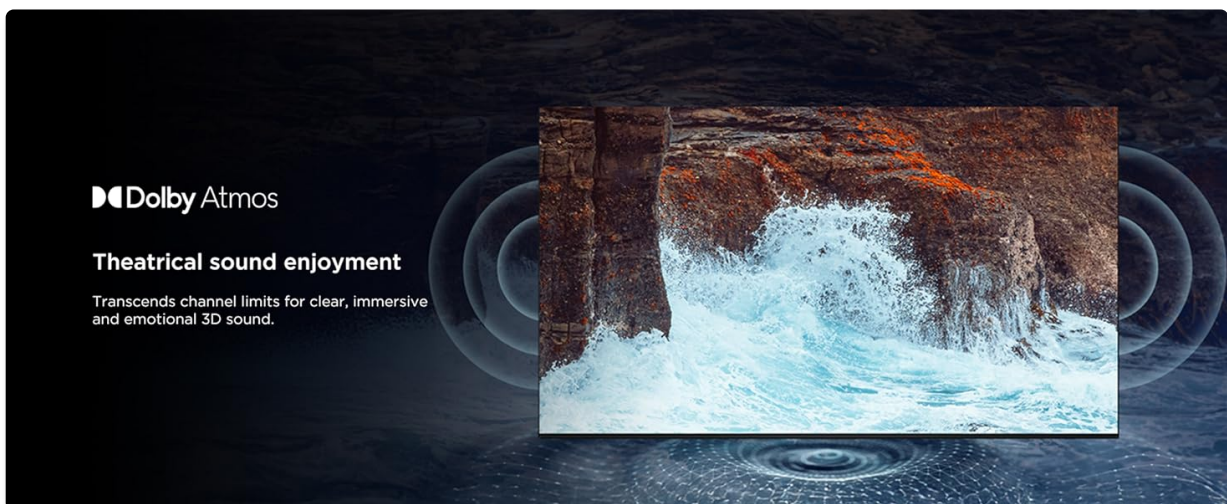
4.4 Sound Settings and Technologies

Experience immersive audio with advanced sound features.

- **Dolby Atmos:** Delivers three-dimensional audio that moves around you, creating a theatrical sound experience.

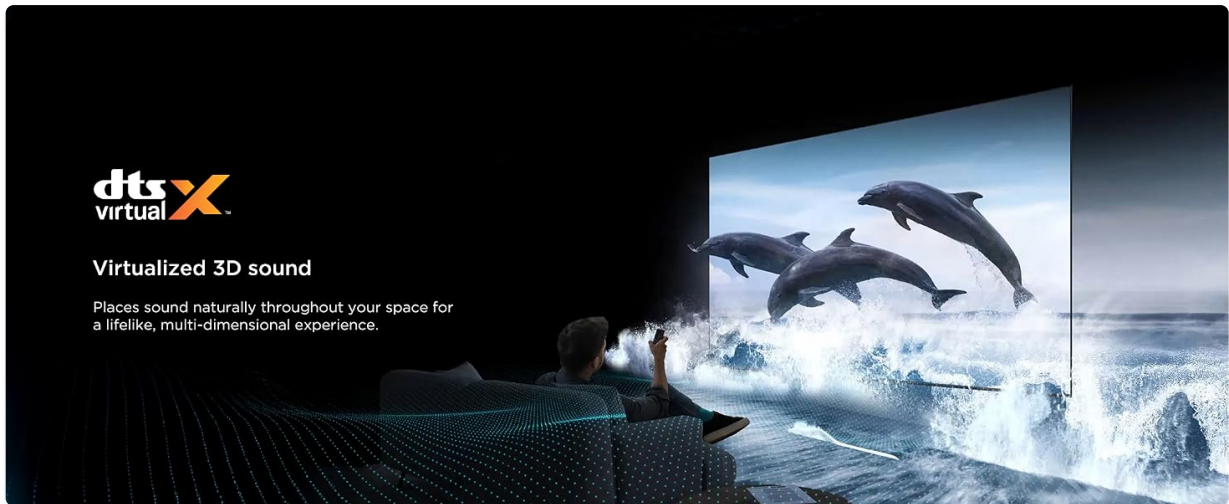


Dolby Atmos provides immersive, three-dimensional sound.



Dolby Atmos transcends channel limits for clear, immersive 3D sound.

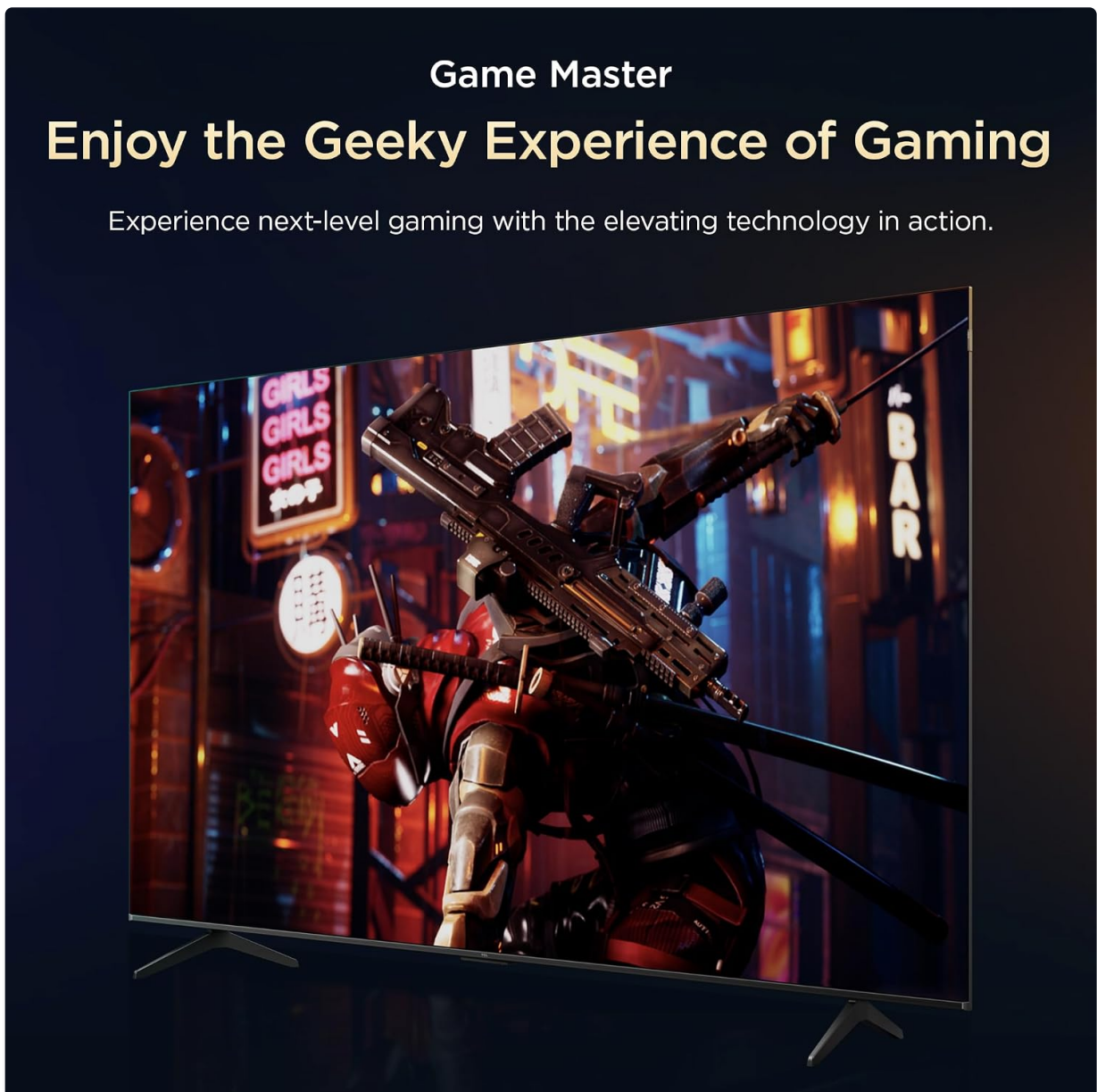
- **DTS Virtual:X:** Virtualized 3D sound places audio naturally throughout your space for a lifelike, multi-dimensional experience.



DTS Virtual:X provides virtualized 3D sound for an immersive experience.

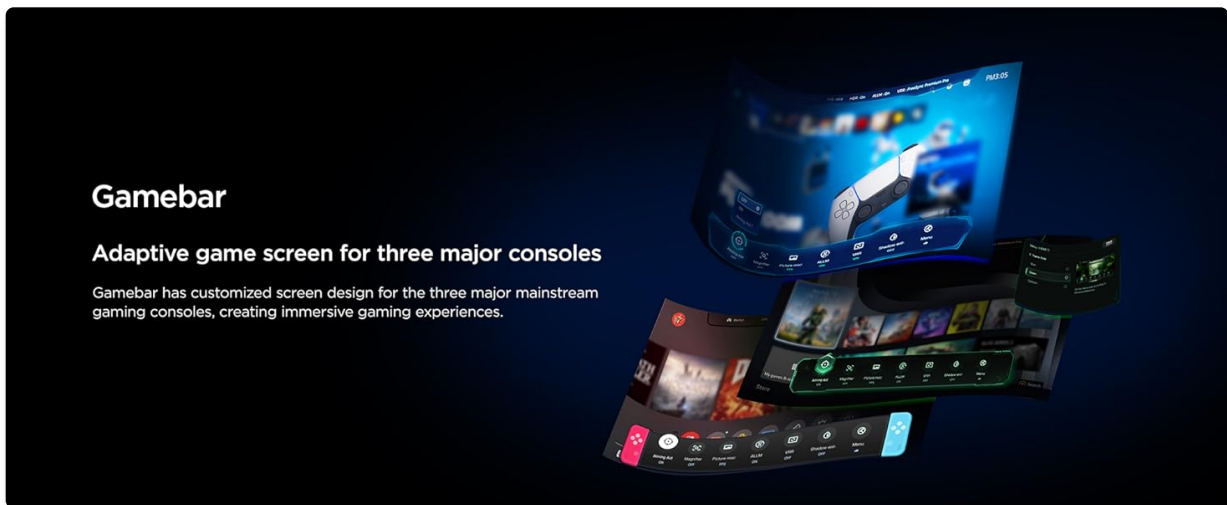
4.5 Gaming Features

- **Game Master:** Experience next-level gaming with optimized settings and features.



Game Master optimizes the TV for a superior gaming experience.

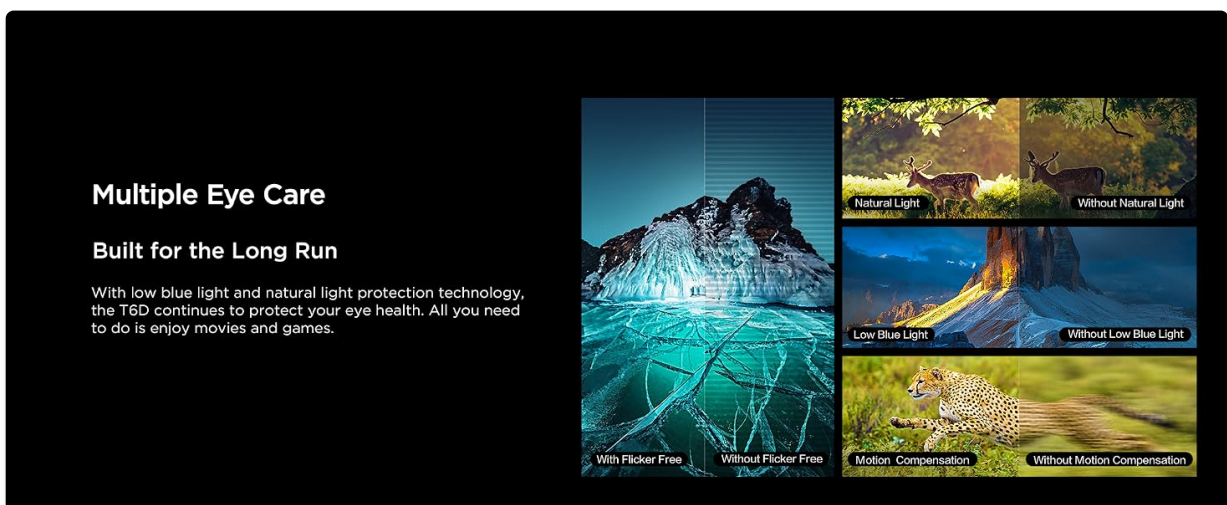
- **Gamebar:** An adaptive game screen for major consoles, offering customized screen designs for immersive gaming.



Gamebar provides an optimized interface for gaming consoles.

4.6 Eye Care Features

- **Multiple Eye Care:** Features low blue light and natural light protection technology to reduce eye strain during extended viewing.



Multiple Eye Care technologies protect your eyes during viewing.

4.7 Additional Smart Features

- **TCL AI:** A wisdom core that enhances multi-scenario experiences, integrating image quality, sound quality, interaction, and content generation.

TCL Ai

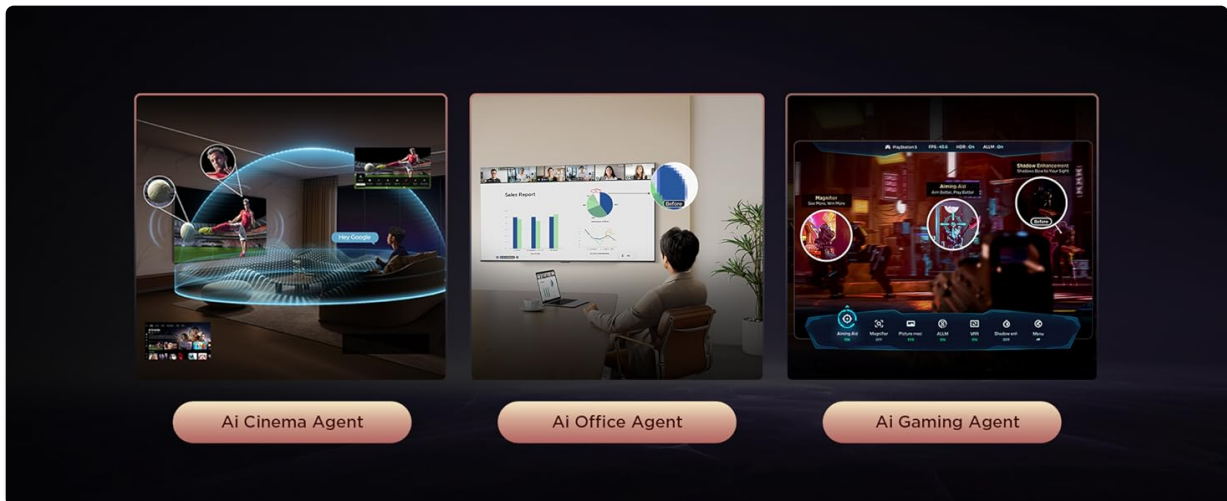
A Wisdom Core that Enhances Multi-scenario Experiences

TCL's AI uses a self-developed quantum supercomputing platform and the Mariana database to integrate professional models, enabling continuous deep learning and evolution of its hardware capabilities.



TCL AI enhances various aspects of your TV experience.

- **AI Cinema Agent, AI Office Agent, AI Gaming Agent:** Specialized AI agents for optimized cinema, office, and gaming experiences.



Specialized AI agents for different usage scenarios.

- **AI Art Gallery & Digital Art:** Display artworks when not watching TV, turning your home into a personal gallery. Explore over 100,000 pre-generated AI artworks.

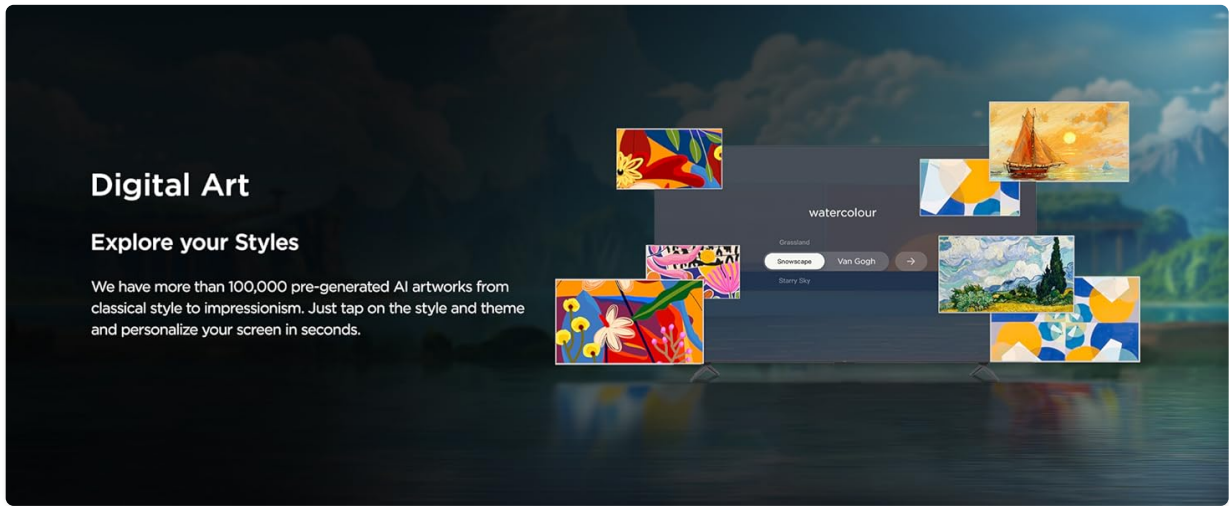
Ai Art Gallery

Bring the World's Art Galleries Home

Display artworks even when not watching TV, turning your home into a personal gallery with hundreds of famous paintings spanning centuries.



The AI Art Gallery transforms your TV into a digital art display.



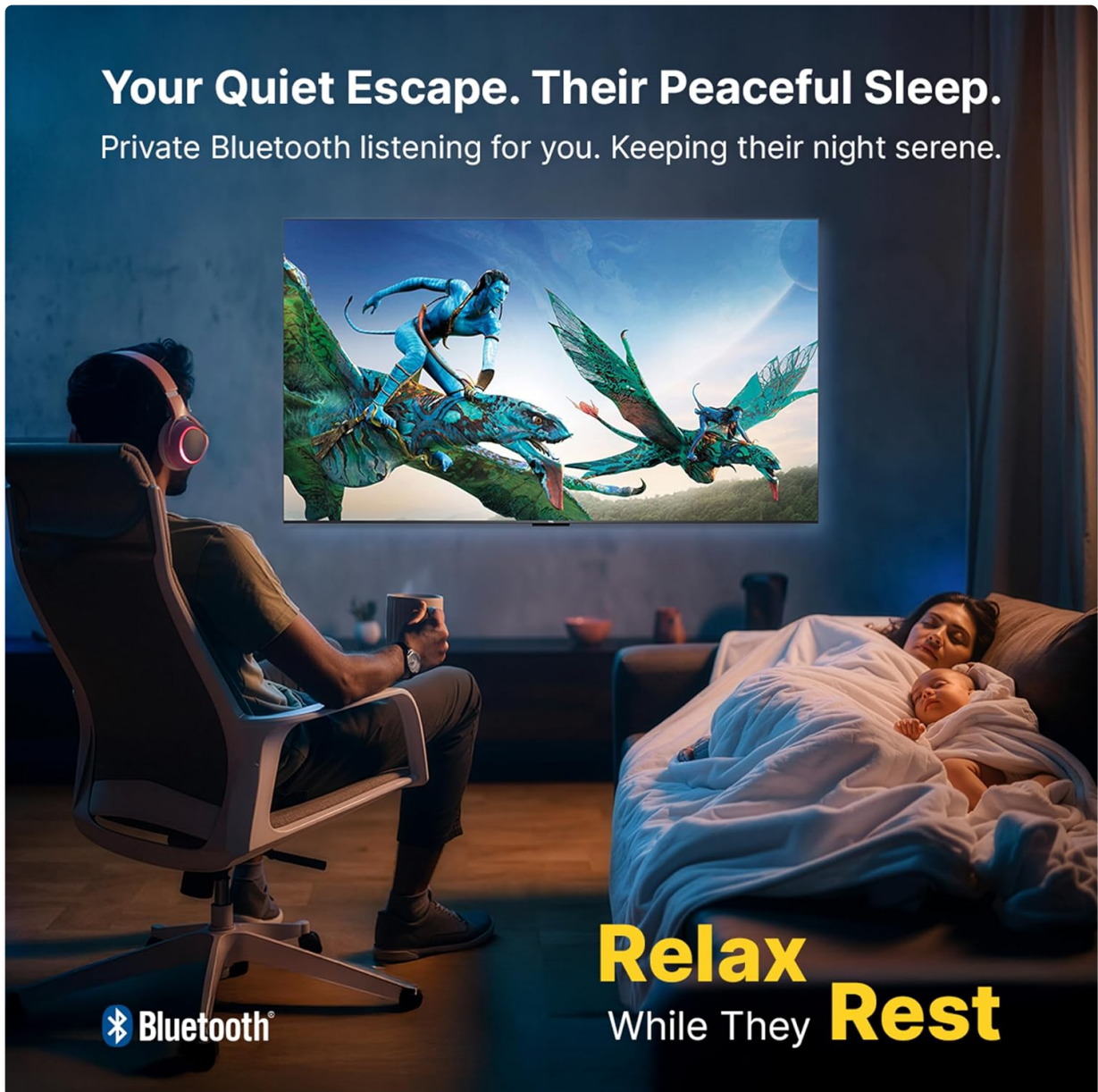
Digital Art

Explore your Styles

We have more than 100,000 pre-generated AI artworks from classical style to impressionism. Just tap on the style and theme and personalize your screen in seconds.

Explore various digital art styles to personalize your screen.

- **Private Bluetooth Listening:** Connect Bluetooth headphones for private audio, allowing others to rest undisturbed.



Your Quiet Escape. Their Peaceful Sleep.

Private Bluetooth listening for you. Keeping their night serene.

Relax
While They **Rest**



Enjoy private listening via Bluetooth headphones.

5. MAINTENANCE

5.1 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. Avoid using harsh chemicals, abrasive materials, or direct spraying onto the screen.

5.2 Cleaning the TV Body

Wipe the TV body and stand with a soft, dry cloth. Do not use liquid cleaners directly on the TV body.

5.3 Power Cord Care

Regularly check the power cord for any damage. Do not place heavy objects on the cord or expose it to excessive heat. Always grasp the plug, not the cord, when disconnecting from the power outlet.

6. TROUBLESHOOTING

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

Problem	Possible Solution
No power	Ensure the power cord is securely plugged into both the TV and a working electrical outlet. Try a different outlet.
No picture, but sound is present	Check the input source. Ensure external devices are powered on and connected correctly.
No sound, but picture is present	Check the volume level and mute settings. Ensure external audio devices are connected and configured correctly.
Remote control not working	Replace the batteries. Ensure there are no obstructions between the remote and the TV's IR sensor.
Cannot connect to Wi-Fi	Ensure your router is on and working. Re-enter the Wi-Fi password. Try restarting both the TV and the router.
Picture quality issues (e.g., blurry, distorted)	Check the cable connections. Adjust picture settings (brightness, contrast, sharpness). Ensure the input source is providing a high-quality signal.

7. SPECIFICATIONS

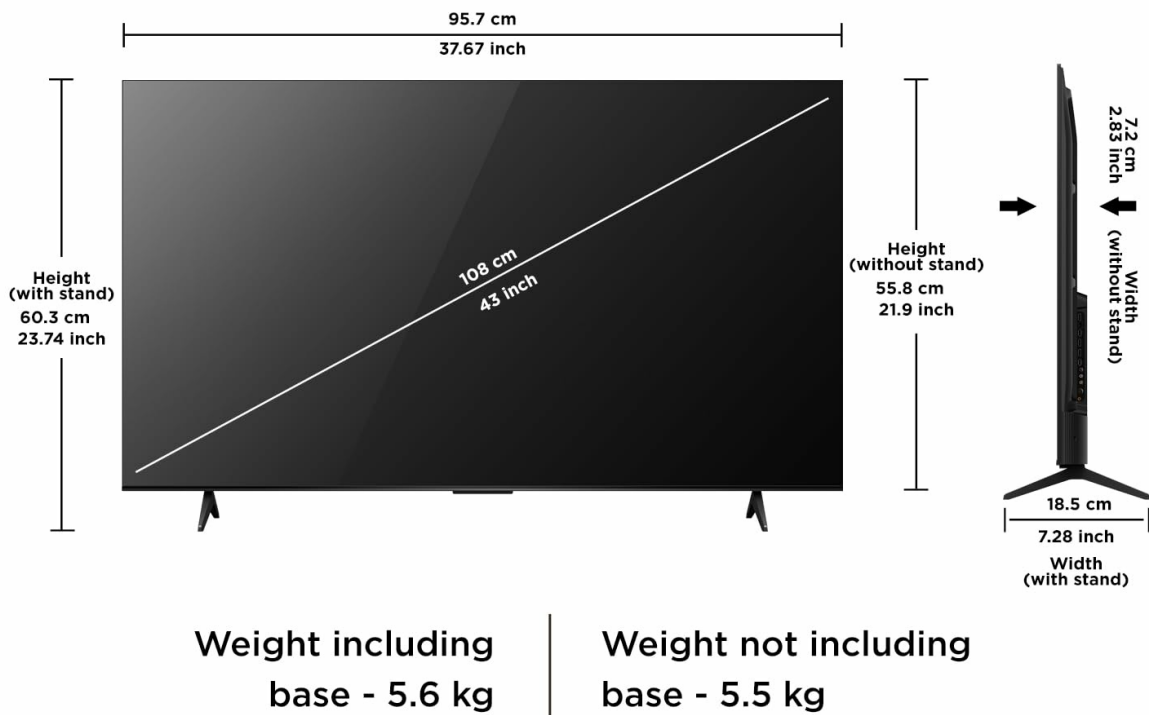
Detailed technical specifications for the TCL 43T6D 4K UHD Smart QLED Google TV:

Feature	Detail
Model Name	43T6D
Screen Size	43 Inches (108 cm)
Display Technology	QLED

Feature	Detail
Resolution	4K UHD (3840 x 2160)
Refresh Rate	60 Hz
Operating System	Google TV
Processor	64-bit Quad Core Processor (AiPQ Processor)
RAM	2 GB
Internal Storage	16 GB
Connectivity	Wi-Fi 5, Bluetooth 5.0, Ethernet
HDMI Ports	3 (including eARC)
USB Ports	1 (USB 3.0)
Audio Output	28 Watts Maximum Speaker Output, Dolby Atmos, DTS Virtual:X
HDR Support	HDR10+, Dolby Vision
Viewing Angle	178 Degrees
Product Dimensions (D x W x H)	18.5D x 95.7W x 60.3H Centimeters (with stand)
Item Weight	5.6 Kilograms (with stand)
Annual Energy Consumption	141 Kilowatt Hours Per Year
Energy Rating	2 Star



Energy rating label for the TCL 43T6D TV.



Dimensions and weight of the TCL 43T6D TV with and without stand.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Your TCL 43T6D TV comes with a **2-year warranty** provided by the manufacturer from the date of purchase. The remote control has a **6-month warranty**.

To avail warranty services, you will need your purchase invoice. Warranty claims can be processed using the Amazon e-invoice.

8.2 Customer Support

For assistance, contact TCL customer support:

- **Toll-Free Numbers:** 180-0102-0622 / 180-0419-0622
- **Email:** indiasupport@tcl.com

When contacting support, please provide your product's model name (43T6D) and the seller's details as mentioned on your invoice. The service center will schedule a convenient slot for service.