TCL 50T6C

TCL 50T6C 50-inch QLED 4K HDR Fire TV User Manual

Model: 50T6C

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation of your TCL 50T6C 50-inch QLED 4K HDR Fire TV. Please read this manual thoroughly before using your television and retain it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, and injury. Keep the television away from moisture, direct sunlight, and heat sources. Ensure proper ventilation and do not block ventilation openings. Use only attachments/accessories specified by the manufacturer. Disconnect the power cord during lightning storms or when unused for long periods.

3. WHAT'S IN THE BOX

Verify that all components are present:

- Power Cable
- Remote Control
- Stand
- User Manual (this document)

4. PRODUCT OVERVIEW AND DIMENSIONS

The TCL 50T6C is a 50-inch QLED 4K HDR Fire TV designed for an immersive viewing experience. Below are the key dimensions of the television.

ENERG⚡

TCL   50T6CX2

A

B

C

D

E

F

G

F

63 kWh/1000h
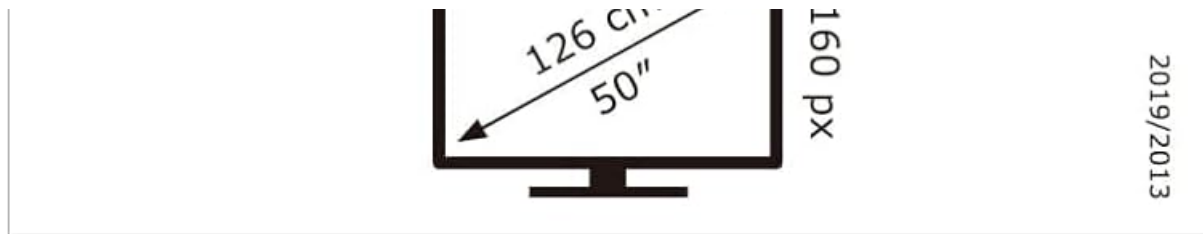
ABCDEF**G**

HDR

95 kWh/1000h

3840 px

Image: TCL 50T6C 50-inch TV dimensions. The TV measures approximately 1111.44 mm in width, 684.72 mm in height (with stand), and 72.5 mm in thickness. The remote control (RC833) is also shown with its dimensions.

Image: Front view of the TCL 50T6C 50-inch QLED 4K HDR Fire TV, showcasing its slim bezel design and vibrant display.

5. SETUP

5.1 Stand Installation

To install the TV stand:

1. Carefully place the TV face down on a soft, flat surface to prevent screen damage.
2. Align the stand legs with the corresponding slots on the bottom of the TV.
3. Secure the stand legs using the provided screws. Ensure they are tightened firmly.

5.2 Wall Mounting

For wall mounting, use a VESA-compatible mount (200x200mm for this model). Consult a professional for wall mounting to ensure safety and proper installation. Refer to the wall mount's instructions for specific details.

5.3 Connecting Devices

Your TCL 50T6C TV offers various connectivity options:

Image: Diagram illustrating the various connection ports on the TCL 50T6C TV, including HDMI, USB, Cable, Satellite, and CI Slot.

- **HDMI:** Connect up to three HDMI devices (e.g., Blu-ray player, game console, soundbar) for high-definition audio and video.
- **USB:** Connect a USB drive for media playback.
- **Cable/Satellite:** Connect your antenna or satellite cable for broadcast TV.
- **Ethernet:** Connect an Ethernet cable for a wired internet connection.
- **Wi-Fi:** Connect wirelessly to your home network.
- **Bluetooth:** Connect compatible Bluetooth devices such as headphones or speakers.

5.4 Power On and Initial Setup

1. Connect the power cable to the TV and a power outlet.
2. Press the power button on the TV or remote control to turn it on.
3. Follow the on-screen instructions to complete the initial Fire TV setup, including network connection, language selection, and Amazon account login.

6. OPERATING YOUR TV

6.1 Remote Control

The included remote control provides full functionality for navigating your Fire TV and controlling your television.

Image: The remote control for the TCL 50T6C TV, featuring navigation buttons, volume controls, and dedicated app buttons.

6.2 Fire TV Interface

Your TV features an integrated Fire TV experience, providing access to a wide range of streaming content, live TV, and apps from a single home screen.
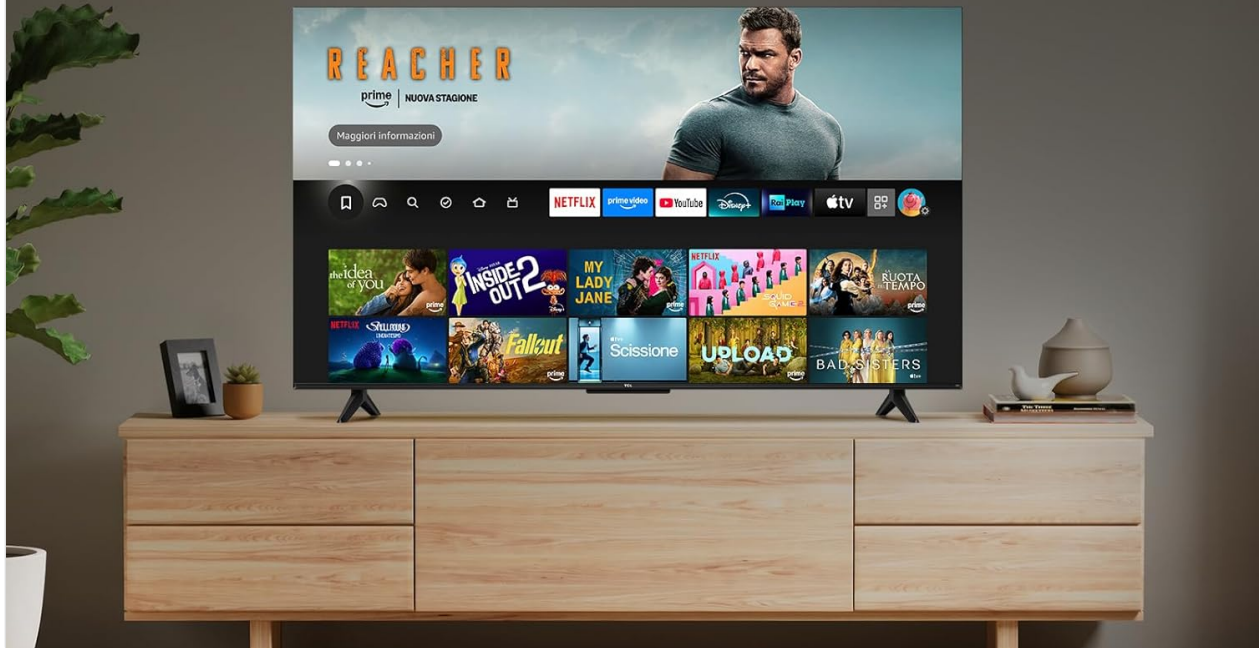
Image: The TCL 50T6C TV screen showing the Fire TV user interface with various streaming app icons and content recommendations.

6.3 QLED Display Technology

Experience vibrant and accurate colors with QLED technology. This TV utilizes Quantum Dot technology to produce over a billion shades of color, offering a realistic and wide color gamut with striking contrast.

Image: A visual demonstrating the rich and vibrant colors produced by QLED technology, depicted by colorful flowers.

6.4 HDR Multi-Format Support

The TV supports multiple HDR formats, including HDR10, HLG, HDR10+, and Dolby Vision, ensuring exceptional image quality from various sources. This allows you to view content in the best possible format.

Image: Logos for HDR10, HLG, HDR10+, and Dolby Vision, indicating the TV's multi-HDR format compatibility.

6.5 Audio Features (Dolby Atmos & DTS:X)

Immerse yourself in a captivating audio experience with Dolby Atmos and DTS:X technologies. These features provide rich, clear, and powerful sound, enhancing your viewing pleasure.

Image: A visual depicting dolphins jumping out of water with sound waves, symbolizing the immersive audio experience provided by Dolby Atmos and DTS:X.

6.6 Motion Clarity

Motion Clarity (MEMC) technology ensures smooth and harmonious images, reducing blur and judder in fast-moving scenes, ideal for sports and action films.
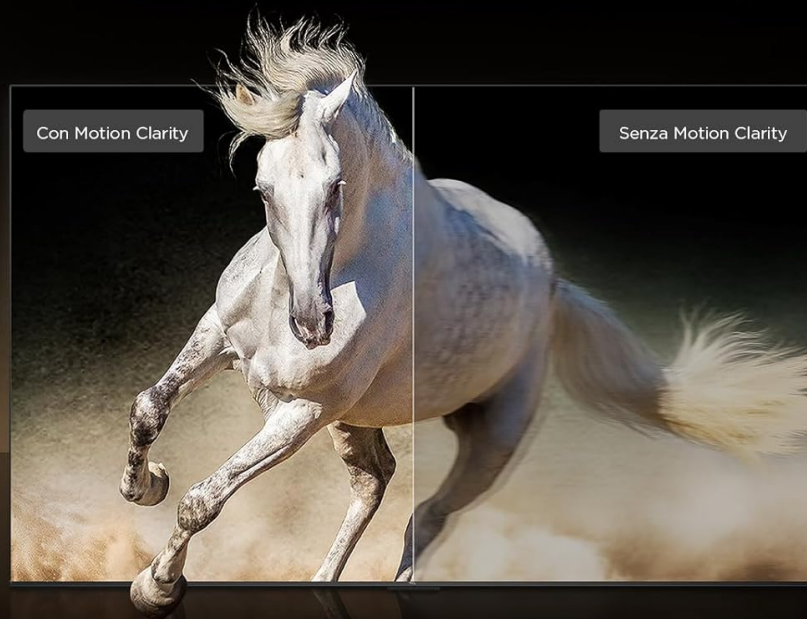
Image: A split image comparing a scene with Motion Clarity (left) and without (right), demonstrating smoother motion for a running horse with the feature enabled.

6.7 Gaming Features

For gamers, the TCL 50T6C offers an optimized gaming experience with features like HDMI 2.1, ALLM (Auto Low Latency Mode), and VRR (Variable Refresh Rate) for smoother gameplay and reduced input lag.
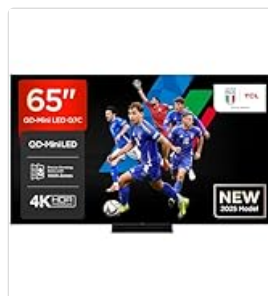

Image: A visual representing the 'Game Master' feature, highlighting optimized settings for gaming with vibrant graphics.

6.8 Alexa Voice Control

Control your TV and smart home devices using your voice with integrated Alexa. Simply press the microphone button on your remote and speak your command.
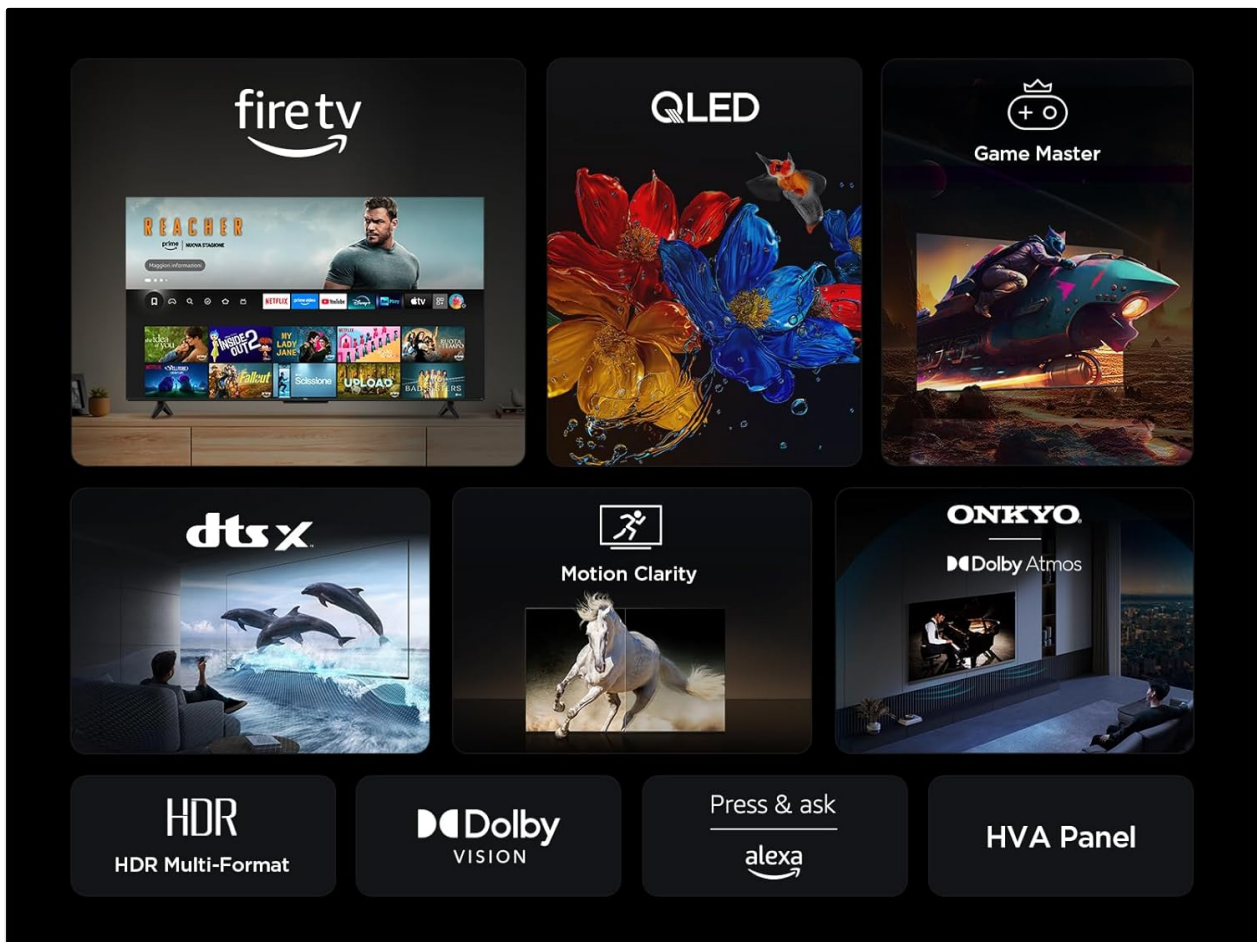
Image: The TCL 50T6C TV displaying a movie scene with an Alexa voice command overlay, demonstrating voice control functionality.

7. MAINTENANCE

To ensure the longevity and performance of your TV:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a screen cleaner specifically designed for TVs, applied to the cloth, not directly to the screen.
- **Cleaning the Frame:** Use a soft, dry cloth to wipe the TV frame and stand.
- **Avoid Harsh Chemicals:** Do not use alcohol, benzene, thinners, or other volatile substances, as they may damage the TV.
- **Ventilation:** Ensure the ventilation openings on the back of the TV are not blocked to prevent overheating.

8. TROUBLESHOOTING

If you encounter issues with your TV, try the following solutions:

- **No Power:** Check if the power cable is securely connected and the power outlet is working. Try a different outlet.
- **No Picture/Sound:** Ensure the correct input source is selected. Check all cable connections (HDMI, antenna).
- **Remote Not Working:** Replace the batteries. Ensure there are no obstructions between the remote and the TV.
- **Poor Picture Quality:** Check antenna/cable connections. Adjust picture settings in the TV menu. For streaming content, check your internet connection speed.

- **Internet Connection Issues:** Restart your router and modem. Reconnect to the Wi-Fi network or try a wired Ethernet connection.

If problems persist, consult the online support resources or contact customer service.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Manufacturer	TCL
Model Number	50T6C
Screen Size	50 Inches
Screen Technology	QLED
Resolution	4K
Refresh Rate	60 Hz
Special Features	60 Hz VRR & MEMC, Dolby Audio, Fire OS Alexa, Quantum Dot
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Aspect Ratio	16:9
Product Dimensions (WxDxH)	111.1 x 25.7 x 68.4 cm
Weight	10.6 kg

9.1 Energy Efficiency

Image: The energy efficiency label for the TCL 50T6C TV, showing an 'F' rating for standard dynamic range and 'G' for high dynamic range. For more details, visit the official EU EPREL database: https://eprel.ec.europa.eu/qr/2242534

10. WARRANTY AND SUPPORT

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