TCL 55C635

TCL 55C635 4K Ultra HD Smart QLED Google TV

USER MANUAL

1. Introduction

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your TCL 55C635 4K Ultra HD 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.



Image: Front view of the TCL 55C635 QLED Google TV.

2. Setup and Installation

2.1 Unboxing and Component Check

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

- 1 LED TV
- 1 Table Top Stand
- 1 Wall Mount Bracket (optional, for wall mounting)
- 1 User Manual (this document)
- 1 Warranty Card
- 1 Remote Control
- 2 AAA Batteries (for remote control)

2.2 Physical Dimensions and Placement

Consider the dimensions for optimal placement. Ensure adequate ventilation around the TV.

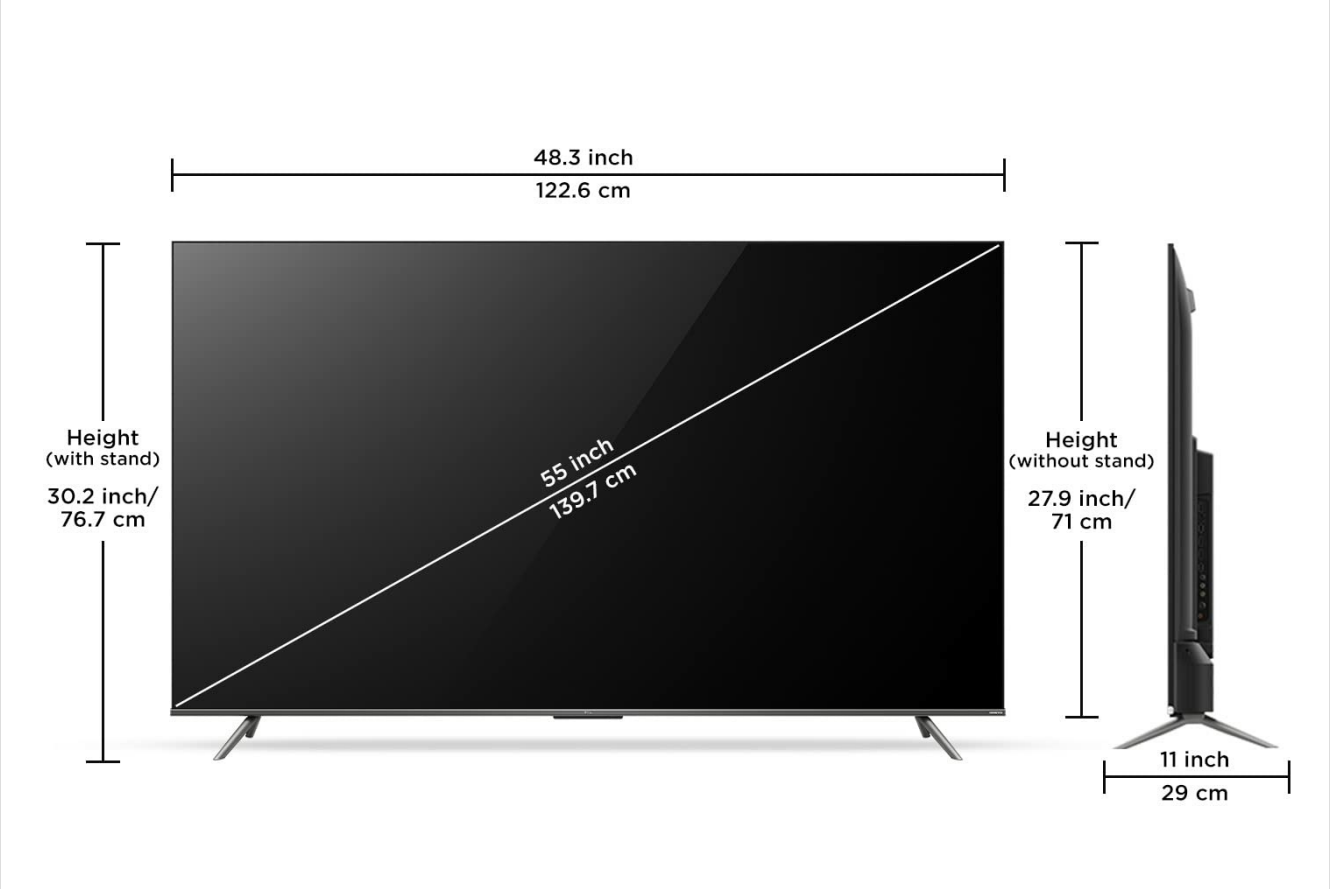


Image: Diagram showing the dimensions of the TCL 55C635 TV.

2.3 Connecting Devices

The TV features multiple ports for various connections:

- **HDMI Ports (3):** For connecting set-top boxes, Blu-Ray players, and gaming consoles.
- **USB Ports (2):** For connecting hard drives and other USB devices.

- **Headphone Output (1):** For audio output to headphones.
- **LAN Port:** For wired internet connection.
- **Digital Audio Out (Optical):** For connecting to external audio systems.
- **Antenna In:** For connecting an antenna for broadcast TV.



Image: Detailed view of the connectivity ports on the TCL 55C635 TV.

2.4 Power On and Initial Setup

After connecting all necessary cables, plug the TV into a power outlet. Press the power button on the remote control or the TV. Follow the on-screen instructions to complete the initial Google TV setup, including network connection, Google account login, and channel scanning.

3. Operating Your TV

3.1 Remote Control Functions

The smart remote control provides quick access to various functions and applications. Insert the included AAA batteries into the remote control.

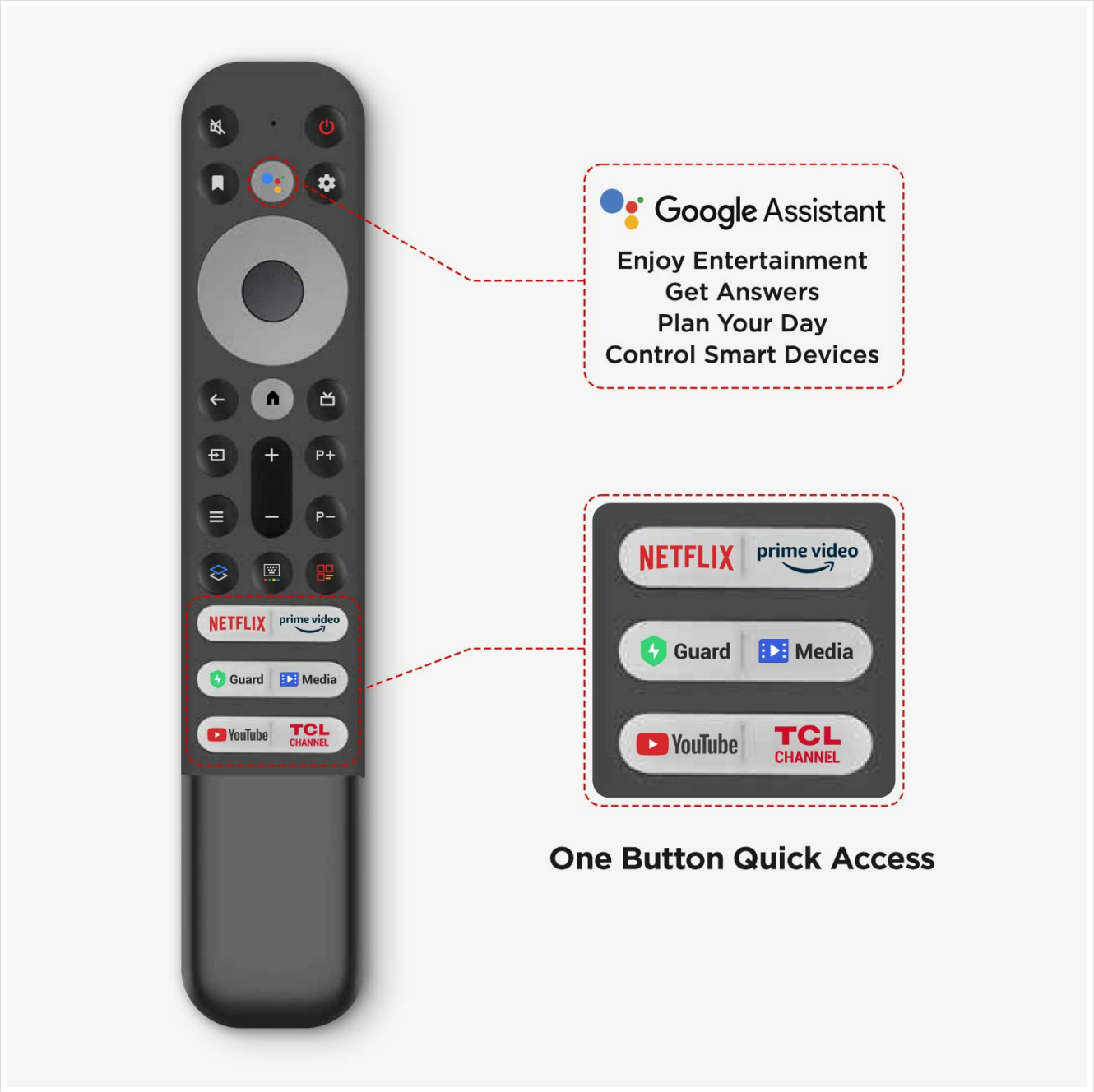


Image: The smart remote control for the TCL 55C635 TV, highlighting Google Assistant and quick access buttons for streaming services.

- **Power Button:** Turns the TV on or off.
- **Navigation Pad:** Used to navigate menus and select options.
- **Google Assistant Button:** Activates voice control.
- **Volume +/-:** Adjusts the volume level.
- **Channel +/-:** Changes TV channels.
- **Quick Access Buttons:** Dedicated buttons for popular streaming services like Netflix, Prime Video, and YouTube.

3.2 Google TV Interface

Your TCL 55C635 runs on Google TV, offering a personalized entertainment experience. The interface organizes content from all your apps and subscriptions, making it easy to discover new shows and movies.



Image: The Google TV home screen displaying personalized content recommendations.

3.3 Hands-Free Voice Control

Utilize the built-in Google Assistant for hands-free voice control. Simply say "Hey Google" or "Ok Google" to search for content, control smart home devices, get answers, and more.

4. Display and Audio Features

4.1 QLED Display Technology

The QLED display delivers vibrant and accurate colors with enhanced brightness and contrast, providing a superior viewing experience.

4.2 4K Ultra HD Resolution and HDR 10+ / Dolby Vision

Experience stunning clarity with 4K Ultra HD (3840 x 2160) resolution. Support for Dolby Vision and HDR 10+ ensures exceptional detail, brightness, and color accuracy in compatible content.

4.3 AiPQ Engine and MEMC

The AiPQ Engine optimizes picture quality by intelligently enhancing color, contrast, and clarity. Motion Estimation, Motion Compensation (MEMC) technology reduces motion blur and image judder, especially in fast-paced scenes, for smoother viewing.

4.4 ONKYO Speaker System with Dolby Atmos and DTS

The integrated ONKYO speaker system provides powerful and clear audio. With Dolby Atmos and DTS support, the TV delivers immersive, multi-dimensional sound that fills your room.

5. Smart Features

5.1 Built-in Applications

Access a wide range of pre-installed applications including Netflix, Prime Video, and Disney+ Hotstar. Thousands more apps are available for download from the Google Play Store.

5.2 Chromecast Built-in

Easily cast movies, shows, photos, and more from your phone or tablet directly to your TV using Chromecast built-in.

5.3 Google Duo

Connect a compatible USB camera (sold separately) to your TV to make video calls with Google Duo, bringing friends and family closer on the big screen.



Image: The TCL 55C635 TV showing a Google Duo video call in progress.

6. Gaming Features

6.1 Game Master

The Game Master feature optimizes your gaming experience with various enhancements.

6.2 ALLM (Auto Low Latency Mode)

ALLM automatically switches the TV to a low-latency mode when a gaming console is detected, reducing input lag for

a more responsive gaming experience.

6.3 120Hz DLG (Dual Line Gate)

Achieve smoother motion and reduced blur during fast-paced gaming with 120Hz DLG technology.

7. Maintenance

7.1 Cleaning the Screen

Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.

7.2 Cleaning the TV Body

Wipe the TV body and stand with a soft, dry cloth. Do not spray cleaning solutions directly onto the TV.

7.3 General Care

- Avoid placing the TV in direct sunlight or near heat sources.
- Ensure proper ventilation to prevent overheating.
- Unplug the TV during lightning storms or when not in use for extended periods.

8. Troubleshooting

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

Problem	Possible Cause / Solution
No Power	Check if the power cord is securely plugged into the TV and the wall outlet. Ensure the power outlet is functional.
No Picture / Distorted Picture	Verify input source selection. Check cable connections (HDMI, antenna). Adjust picture settings.
No Sound / Low Sound	Check volume level. Ensure Mute is off. Verify audio output settings. Check external audio device connections.
Remote Control Not Working	Replace batteries. Ensure no obstructions between remote and TV. Point remote directly at the TV's IR sensor.
Network Connection Issues	Check Wi-Fi password. Restart router. Ensure TV is within Wi-Fi range. Try wired LAN connection.

9. Specifications

Feature	Detail
Brand	TCL
Model	55C635
Screen Size	55 Inches (138.7 cm)
Display Technology	QLED
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	60 Hertz
Operating System	Google TV (Android)
RAM	2 GB
Storage	16 GB
Processor	64-bit Quad Core Processor
Audio Output	24 Watts
Audio Technology	Dolby Atmos, DTS, ONKYO Speaker System
Connectivity	3 HDMI Ports, 2 USB Ports, Wi-Fi, Bluetooth, LAN, Headphone Output
Special Features	Hands-Free Voice Control, HDR 10+, AI-IN, T-cast, Game Master, MEMC
Viewing Angle	178 Degrees
Product Dimensions (with stand)	122.68 x 27.94 x 76.71 cm
Item Weight	12.36 kg

10. Warranty and Support

10.1 Warranty Information

Your TCL 55C635 television comes with a 1-year warranty on the product and an additional 1-year warranty on the panel. Please refer to the included warranty card for detailed terms and conditions.

10.2 Customer Support

For technical assistance, service requests, or any inquiries not covered in this manual, please contact TCL customer support. Refer to the warranty card or TCL's official website for contact details specific to your region.

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