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> TCL 55-Inch Class QLED 4K Smart NXTVISION TV and S45H S Class 2.0 Channel Sound Bar User Manual

TCL 55A300W

TCL 55-Inch Class QLED 4K Smart NXTVISION TV with Google TV and S45H S Class 2.0 Channel Sound Bar

Model: 55A300W (2024 Model) | Brand: TCL

PRODUCT OVERVIEW

This manual provides essential information for the setup, operation, and maintenance of your TCL 55-Inch Class QLED 4K Smart NXTVISION TV and accompanying S45H S Class 2.0 Channel Sound Bar. Designed for an immersive home entertainment experience, this system combines advanced display technology with powerful audio capabilities.

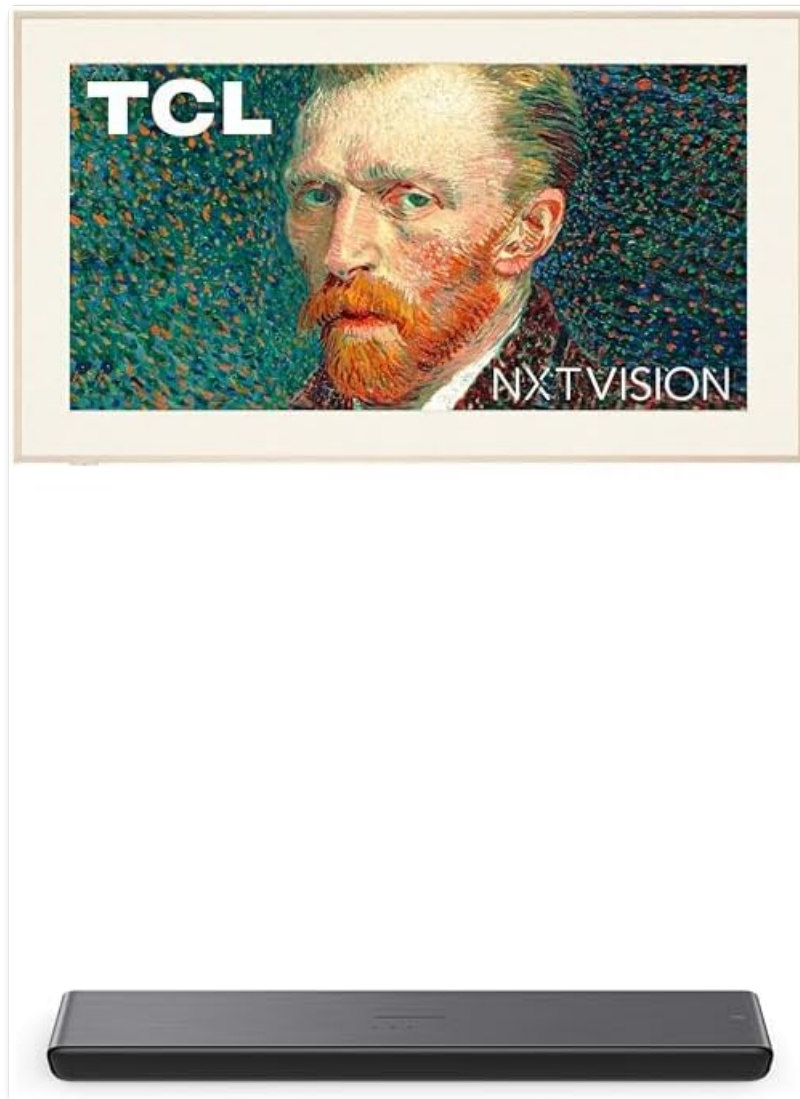


Image: The TCL 55-inch QLED 4K Smart TV with its included sound bar, showcasing the sleek design of both components.

Key Features:

- **Ultra-Slim NXTVISION TV Design:** Features a thin profile (1.1" deep) with a built-in chassis for simplified installation.
- **Included Light Wood Frame and Off-White Bezel:** Enhances aesthetic integration into your living space.
- **Flush Wall Mount:** A specially designed ultra-thin wall mount is included for a seamless, gallery-style appearance.
- **2.0 Channel S Class Sound Bar:** Delivers room-filling audio, connecting via a single HDMI cable for ease of use.
- **Dolby Atmos and DTS Virtual:X:** Provides spatial audio for an immersive sound experience.
- **Up to 100 Watts Total Power:** Ensures powerful audio for movies, TV shows, and music.
- **QLED with Quantum Dot Technology:** Offers ultra-rich, accurate color and clarity.
- **4K UHD Resolution:** Provides four times the resolution of Full HD for sharper, more lifelike visuals.
- **Ultra-Matte Anti-Glare Screen:** Reduces ambient reflections for optimal viewing in various lighting conditions.
- **120Hz Panel Refresh Rate:** Ensures smooth, crisp, and blur-free motion, ideal for fast-paced content.
- **Google Smart TV and Voice Remote:** Access streaming content and control the TV with voice commands.
- **Integrated Smart Home Compatibility:** Works with Amazon Alexa, Google Assistant, and Apple HomeKit.

SETUP GUIDE

1. Unboxing and Component Check

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

- TCL 55-Inch QLED 4K Smart TV
- S45H S Class 2.0 Channel Sound Bar
- TV Stand (if not wall-mounting)
- Voice Remote Control
- Power Cable(s)
- HDMI Cable (for sound bar connection)
- Wall Mount Kit (if applicable)
- Light Wood Magnetic Frame

2. TV Placement and Installation

Choose a stable and level surface for the TV. Ensure adequate ventilation around the unit.

Option A: Stand Installation

If using the included stand, attach it securely to the bottom of the TV following the instructions provided in the separate quick start guide. Ensure all screws are tightened to prevent wobbling.

Option B: Wall Mount Installation

The TCL NXTVISION TV includes a flush wall mount designed for a seamless, zero-gap finish. Refer to the detailed wall mount installation guide for proper mounting procedures. Professional installation is recommended for wall mounting to ensure safety and proper alignment.

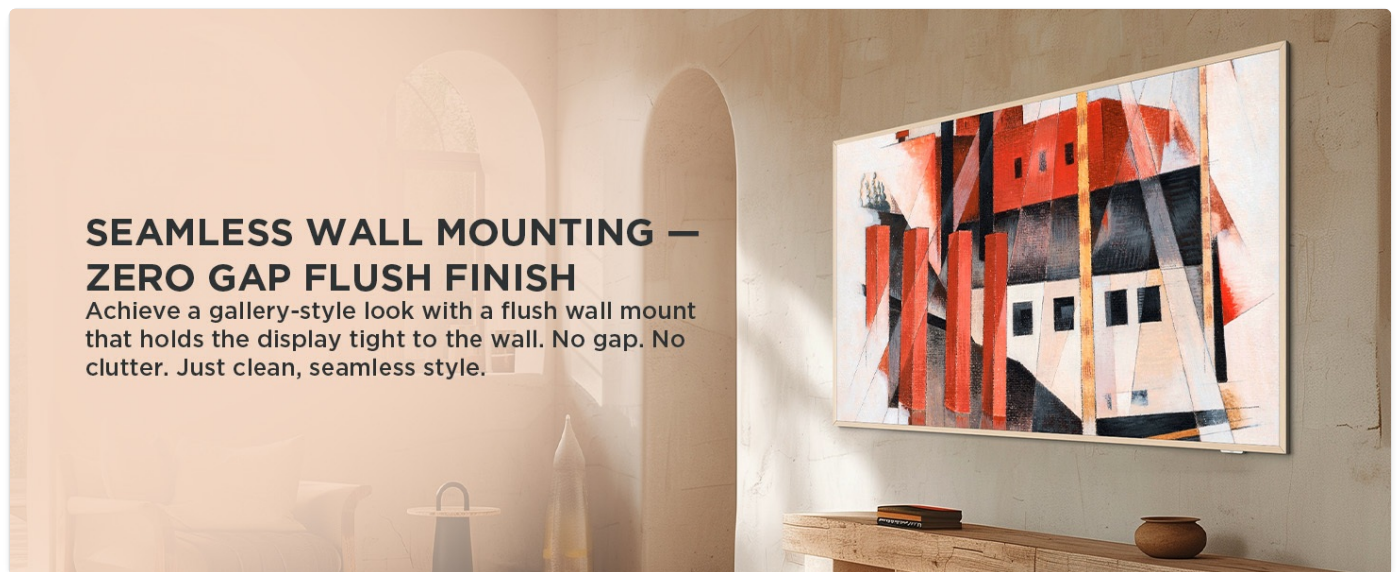


Image: The TCL NXTVISION TV mounted flush against a wall, demonstrating its seamless, gallery-style appearance.

Attaching the Magnetic Frame

The light wood magnetic frame can be easily attached to the TV's bezel. Align the frame with the edges of the TV until the magnets secure it in place.

OFF-WHITE BEZEL AND INCLUDED LIGHT WOOD FRAME

The TCL NXTVISION comes ready to impress with a sleek off-white bezel and a light wood magnetic frame included. Snap it on in seconds to match your mood, your space, or your style. One stunning screen, customizable art. Interior-friendly finish.

Image: A close-up view of the TCL NXTVISION TV's off-white bezel and the detachable light wood magnetic frame.

3. Connecting the Sound Bar

Connect the S45H S Class Sound Bar to your TV using the provided HDMI cable. Plug one end into the HDMI ARC/eARC port on your TV and the other end into the HDMI OUT (TV ARC) port on the sound bar. Connect the sound bar to a power outlet.

4. Power Connection and Initial Setup

Plug the TV's power cable into a wall outlet. Power on the TV using the remote control or the power button on the TV. Follow the on-screen instructions to complete the initial setup, including network connection, Google account sign-in, and channel scanning.

OPERATING INSTRUCTIONS

1. Google Smart TV Interface

Your TCL TV runs on Google TV, providing a personalized home screen with content recommendations from your subscriptions. Navigate using the directional pad on the remote control.

GOOGLE SMART TV AND VOICE REMOTE

Get instant access to everything you love with Google TV, the easy to use, smart TV operating system. Find and stream content fast using the built-in voice remote. Just say it. Stream it. Everything you love, made easy.



Image: The Google Smart TV home screen displayed on the TV, alongside the voice-enabled remote control.

2. Voice Remote Control

Press the Google Assistant button on your remote to activate voice commands. You can search for movies, launch apps, control smart home devices, and more by speaking into the remote.

3. Display Technologies

- **QLED with Quantum Dot Technology:** Experience vibrant and accurate colors.



Image: A visual representation of the QLED display, highlighting its rich color reproduction through Quantum Dot Technology.

- **4K UHD Resolution:** Enjoy crisp, detailed images with four times the pixels of Full HD.

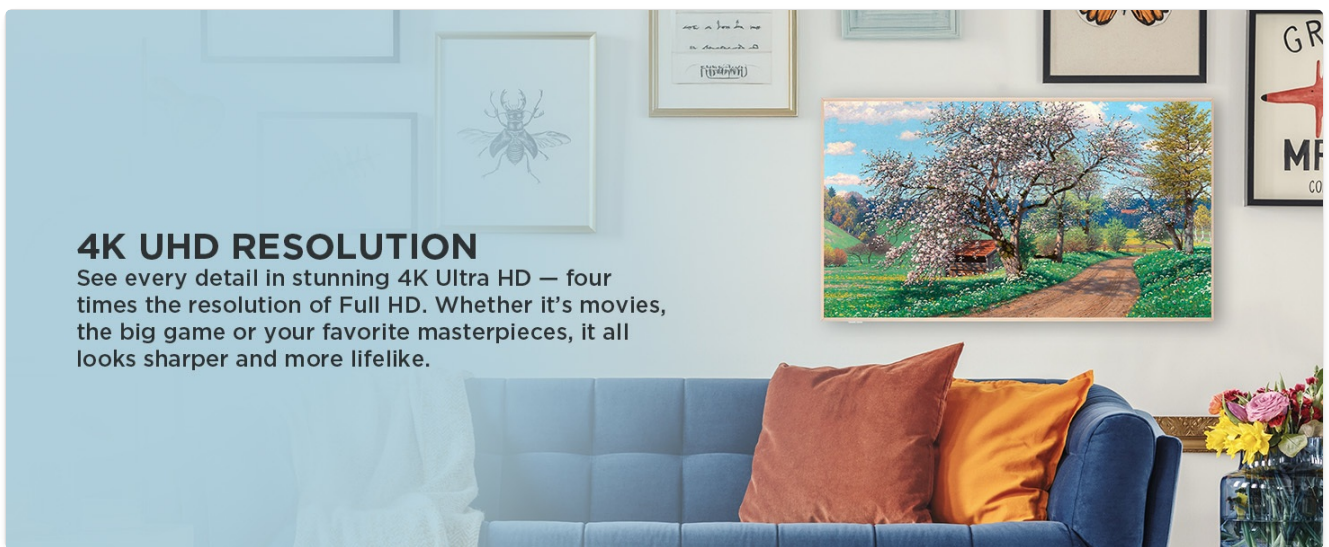


Image: The TV displaying a high-resolution 4K image, emphasizing the clarity and detail of UHD content.

- **HDR Ultra (Dolby Vision IQ, HDR10+, HDR10, HLG):** Provides enhanced contrast and vivid colors.

HDR ULTRA: WITH DOLBY VISION IQ, HDR10+, HDR10, & HLG

Enjoy deeper contrast, vivid colors, and cinematic realism with support for Dolby Vision IQ, HDR10+, HDR10, and HLG. The most advanced HDR formats, built in.



Image: A scene with high dynamic range, illustrating the deeper contrast and vivid colors provided by HDR Ultra technology.

- **120Hz Panel Refresh Rate:** Reduces motion blur for smoother viewing of fast-moving scenes.

120HZ PANEL REFRESH RATE

Stay smooth with a 120Hz refresh rate that keeps fast motion crisp and blur-free. Ideal for sports, action, and gaming



Image: A split image comparing 120Hz and 60Hz refresh rates, demonstrating the smoother motion of the 120Hz panel.

- **Ultra-Matte Anti-Glare Screen:** Minimizes reflections from ambient light, enhancing picture clarity.

ULTRA-MATTE. ULTRA REAL ENTERTAINMENT

For the most picturesque scenes, the ultra-matte panel with anti-glare screen reduces annoying ambient reflections so even in bright rooms, your display looks like true gallery-quality art.



Image: A side-by-side comparison showing how the ultra-matte screen reduces glare compared to a conventional screen.

4. Audio Features

- **Dolby Atmos Audio:** Creates immersive, spatial sound that moves around you.



Image: A visual representation of sound waves emanating from the TV, illustrating the immersive effect of Dolby Atmos audio.

- **Enhanced Dialogue Mode:** Boosts speech clarity and reduces background noise.



Image: People conversing, with a visual overlay indicating how Enhanced Dialogue Mode clarifies speech over background noise.

5. Art Mode and Screensaver

Transform your TV into a personal art gallery. Access over 350 free artistic masterpieces or create a curated photo collection. The TV also offers over 100,000 free AI-generated artworks for dynamic display. This feature can be set as a screensaver when the TV is not actively in use.

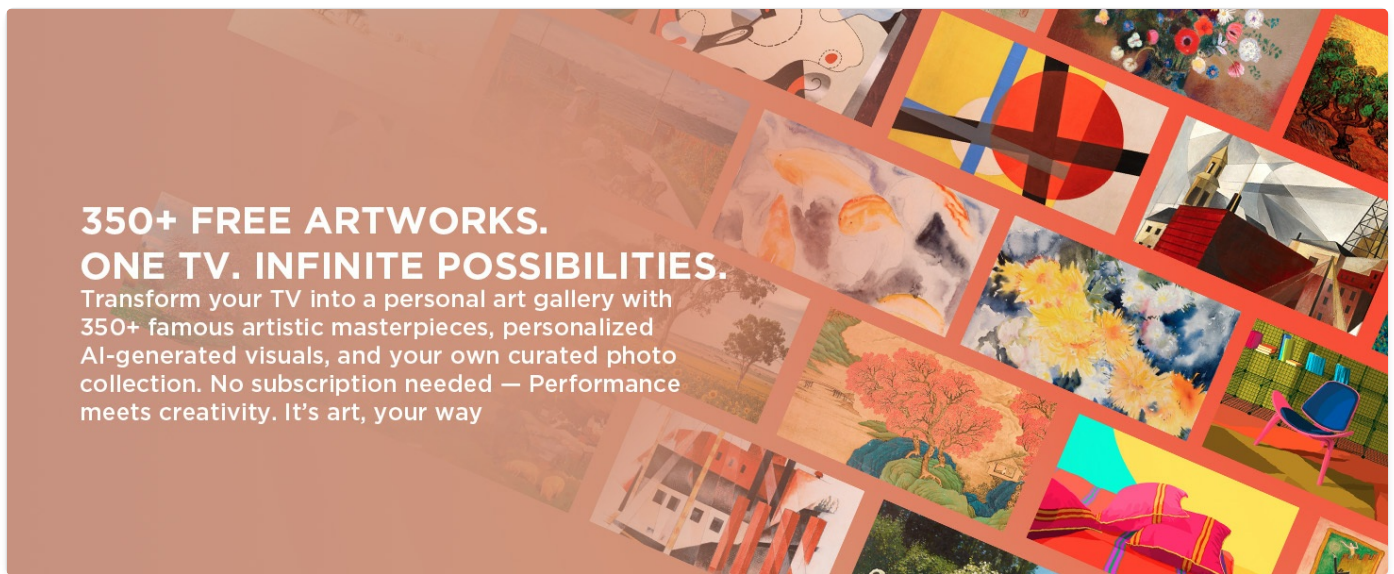


Image: The TV screen showcasing a collection of diverse artworks, demonstrating the art mode feature.

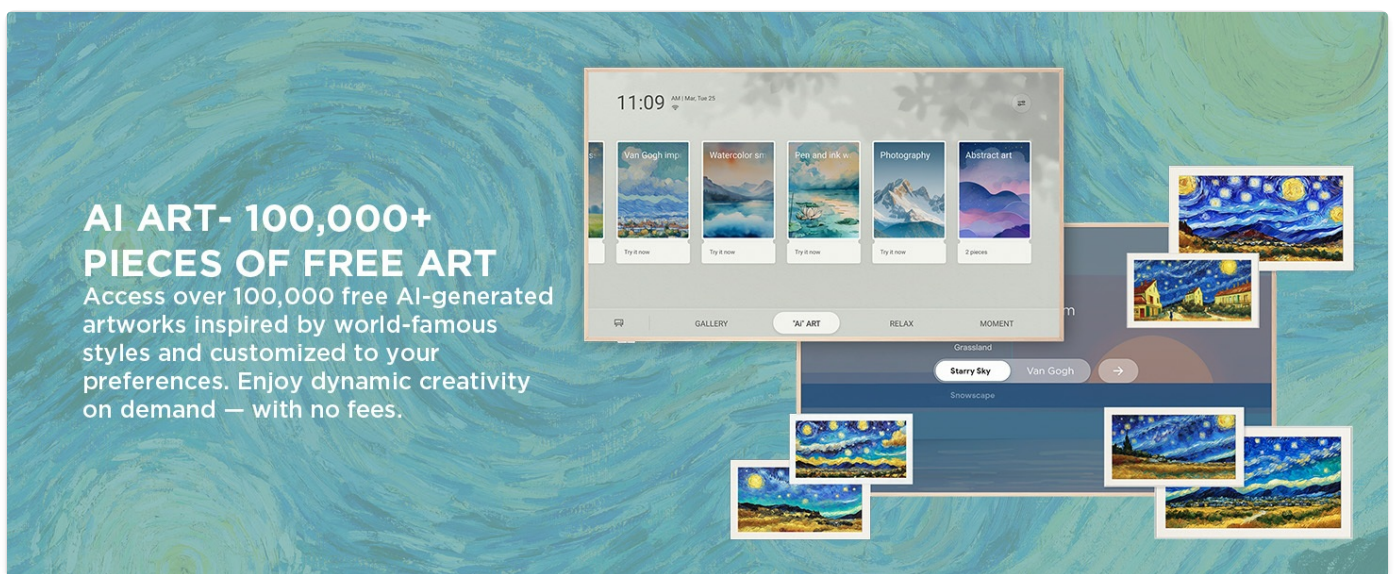


Image: The TV interface showing options for AI-generated art, indicating the vast library of available artworks.

6. Smart Features and Connectivity

- **Google Chromecast Built-in:** Stream content directly from your phone, tablet, or computer.

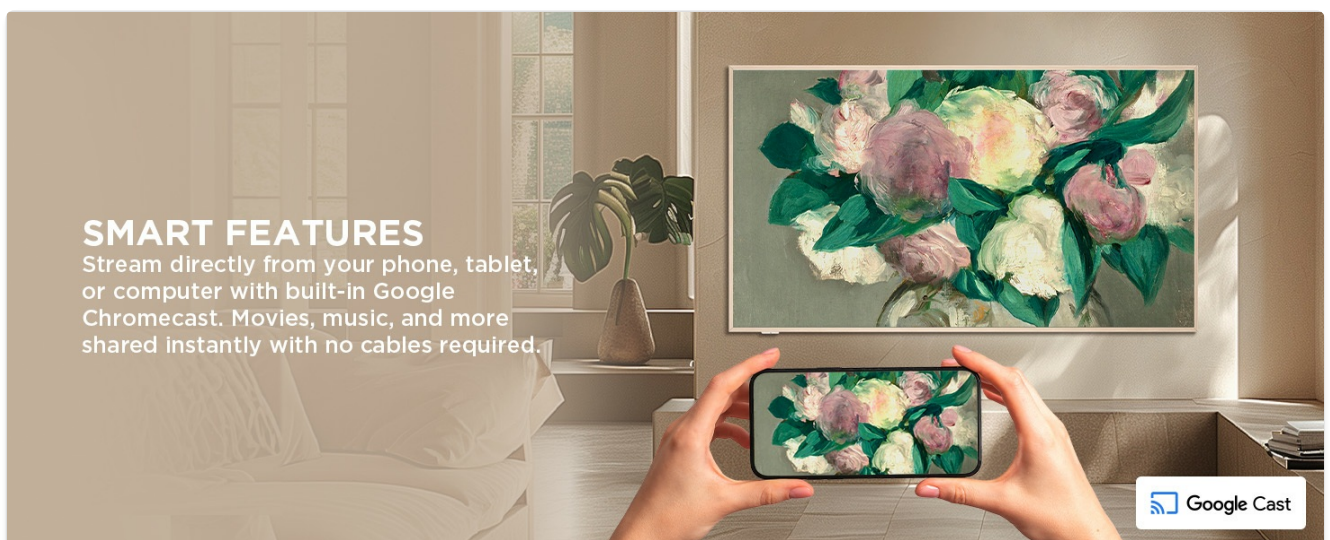


Image: A person holding a smartphone, casting content wirelessly to the TCL TV via Google Chromecast.

- **Voice Assistant Integration:** Control your TV and smart home devices using Amazon Alexa, Google Assistant, or Apple HomeKit.

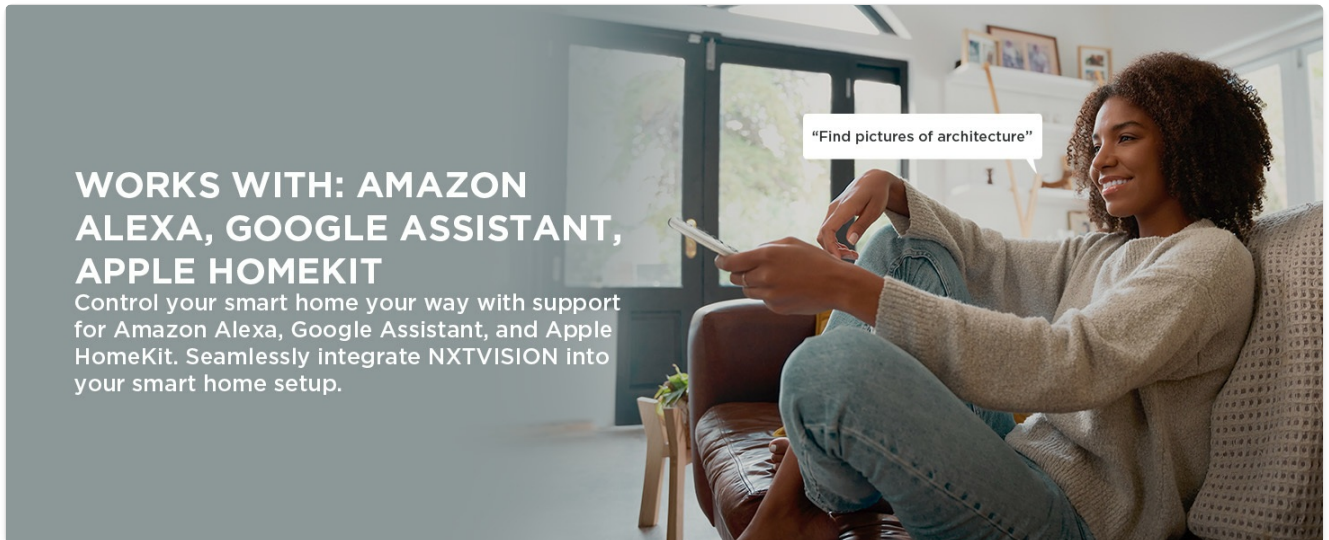


Image: A person using a voice command to interact with the TV, demonstrating compatibility with smart home assistants.

- **AMD FreeSync Premium:** For gaming, this feature reduces input lag and screen tearing.

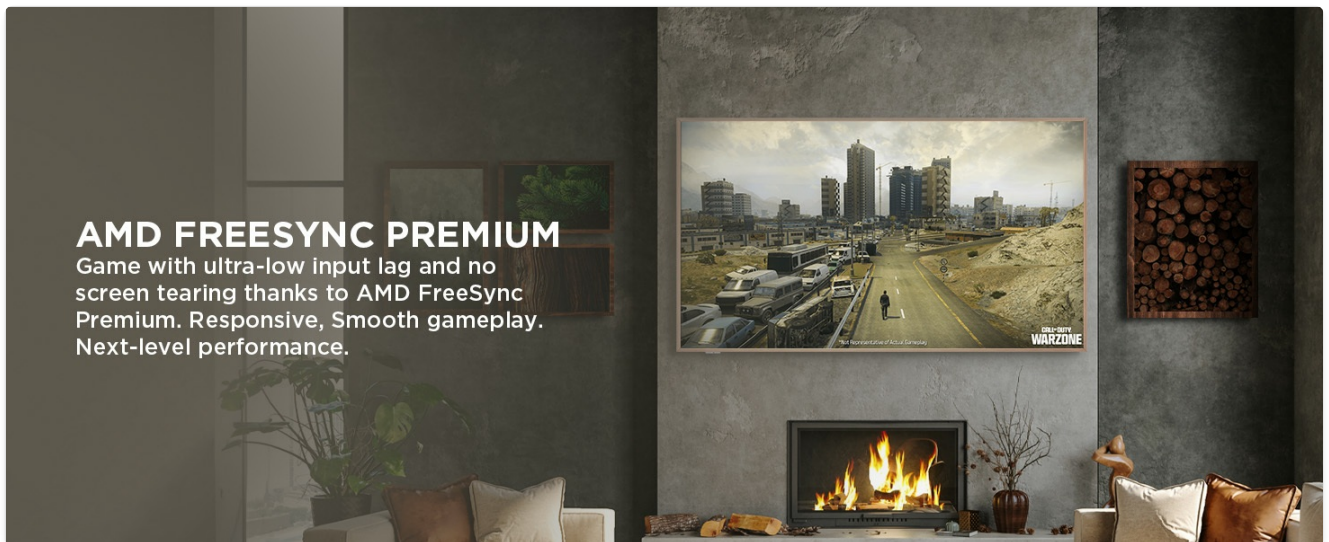


Image: A gaming scene displayed on the TV, highlighting the smooth and responsive gameplay enabled by AMD FreeSync Premium.

MAINTENANCE

1. Cleaning the TV and Sound Bar

To clean the screen, gently wipe with a soft, dry, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a screen-cleaning solution. Avoid using harsh chemicals or abrasive materials. For the sound bar and TV body, use a soft, dry cloth to remove dust.

2. Software Updates

Your Google TV will periodically check for and install software updates automatically when connected to the internet. Ensure your TV is connected to a stable Wi-Fi network to receive these updates, which provide new features and performance improvements.

TROUBLESHOOTING

If you encounter issues with your TCL TV or Sound Bar, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
No Power	Power cable disconnected; outlet issue.	Check power cable connection to TV/Sound Bar and wall outlet. Test outlet with another device.
No Picture, but Sound is Present	Incorrect input source; loose HDMI cable.	Press the "Input" button on the remote to select the correct source. Reconnect HDMI cables.
No Sound from Sound Bar	HDMI ARC/eARC not configured; sound bar not powered on.	Ensure sound bar is powered on. Verify HDMI cable is connected to ARC/eARC port. Check TV audio output settings.
Remote Control Not Responding	Dead batteries; remote not paired.	Replace batteries. Re-pair the remote control with the TV (refer to TV settings for pairing instructions).
Wi-Fi Connection Issues	Router problem; incorrect password.	Restart your router and modem. Re-enter Wi-Fi password in TV settings. Ensure TV is within range of router.

SPECIFICATIONS

Feature	Detail
Brand	TCL
Model Name	2024 Model (55A300W)
Screen Size	55 Inches (140 cm diagonal)
Display Technology	QLED
Resolution	4K UHD
Refresh Rate	120Hz Panel
Special Features	Flat Screen, Ultra-Matte Anti-Glare, HDR Ultra (Dolby Vision IQ, HDR10+, HDR10, HLG), AMD FreeSync Premium
Included Components	TV, Stand, Sound Bar, Voice Remote, Wall Mount Kit, Light Wood Magnetic Frame
Connectivity Technology	Wi-Fi, HDMI (ARC/eARC), Bluetooth (for sound bar)
Supported Internet Services	Google TV (Netflix, YouTube, Prime Video, Disney+, Max, Hulu, Spotify, etc.)
Sound Bar Output	2.0 Channel, Up to 100 Watts Total Power, Dolby Atmos, DTS Virtual:X, Enhanced Dialogue Mode

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official TCL support website. You can also find additional support resources, FAQs, and contact information on the TCL website. Visit the official TCL Store for more products and support: [TCL Store on Amazon](#)

