LG OLED55C56LA

LG OLED55C56LA 55-inch OLED evo AI C5 4K Smart TV User Manual

Model: OLED55C56LA

Introduction Safety Information What's in the Box Setup Operating Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides essential information for the safe and efficient use of your LG OLED55C56LA 55-inch OLED evo AI C5 4K Smart TV. Please read this manual thoroughly before operating the product and retain it for future reference.



Figure 1: Front view of the LG OLED55C56LA 55-inch OLED evo AI C5 4K Smart TV.

2. Safety Information

Always follow these basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Do not expose the TV to rain or moisture.
- Do not open the TV casing. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the TV.
- Use only the power cable supplied with the TV.
- Keep the TV away from heat sources and direct sunlight.
- Do not place heavy objects on the power cord.
- Unplug the TV during lightning storms or when unused for long periods.

3. What's in the Box

Verify that all components are present before proceeding with the setup.

- LG OLED55C56LA 55-inch OLED evo AI C5 4K Smart TV
- Power Cable
- AI Magic Remote Control
- TV Stand Components

4. Setup

4.1 Unpacking

Carefully remove the TV and all accessories from the packaging. Retain the packaging for future transport or storage.

4.2 Stand Assembly

If using the included stand, attach it to the TV according to the instructions provided in the separate stand assembly guide. Ensure all screws are securely fastened.

4.3 Wall Mounting (Optional)

If wall-mounting the TV, refer to the instructions provided with your wall-mount bracket. Ensure the wall mount is compatible with the TV's VESA specifications and installed by qualified personnel.

4.4 Connecting Power

Connect the power cable to the TV's power input and then to a wall outlet. Ensure the power outlet is easily accessible.

4.5 Connecting External Devices

Connect your external devices (e.g., gaming consoles, soundbars, Blu-ray players) to the appropriate ports on the TV.

- **HDMI Ports:** For high-definition video and audio devices.
- **USB Ports:** For connecting USB storage devices or compatible peripherals.
- **Ethernet Port:** For a wired internet connection.
- **Bluetooth:** For wireless connection to headphones or other compatible devices.
- **Wi-Fi:** For wireless internet connection.

5. Operating the TV

5.1 Power On/Off

Press the Power button on the AI Magic Remote or on the TV to turn the TV on or off.

5.2 Using the AI Magic Remote

The AI Magic Remote allows for intuitive control of your TV. It features a pointer, scroll wheel, and voice recognition capabilities. Point the remote at the TV and move it to control the on-screen cursor. Use the scroll wheel for navigation and the voice button for AI Search, AI Chatbot, AI Concierge, and "Hi, LG" commands.

5.3 Initial Setup Wizard

Upon first power-on, the TV will guide you through an initial setup process, including language selection, network connection, and channel tuning.

5.4 webOS 25 Smart Features

Your TV runs on webOS 25, offering a personalized smart TV experience. Features include:

- **AI Customization:** Tailors content recommendations based on your viewing habits.
- **AI Voice ID:** Recognizes individual voices for personalized recommendations.
- **webOS Re:New Program:** Provides annual software upgrades for 5 years.
- **Supported Internet Services:** Access popular streaming platforms like Disney Plus, Netflix, Prime Video, and YouTube, along with a web browser.

5.5 Picture Settings

Optimize your viewing experience with advanced picture technologies:

- **AI Picture Pro:** Enhances clarity and vibrancy using the α9 AI Processor 4K Gen8.
- **Perfect Black & Perfect Color:** Delivers deep blacks and accurate colors with 100% Color Fidelity and Color Volume.
- **Brightness Booster:** Utilizes a new light boosting algorithm for brighter visuals.
- **OLED Dynamic Tone Mapping Pro:** Sharpens details and improves color accuracy.
- **AI Super Upscaling:** Adjusts automatically to maintain crisp visuals for various content.

5.6 Sound Settings

Enhance your audio experience:

- **AI Sound Pro:** Optimizes dynamic sound based on your room's acoustics.
- **Dolby Atmos:** Provides immersive surround sound.
- **Virtual 11.1.2 Channels:** Achieves surround sound through AI deep-learning algorithms.
- **Speakers Maximum Output Power:** 40 Watts.

5.7 Gaming Features

The TV is equipped with features for an enhanced gaming experience:

- **144Hz Refresh Rate:** Ensures fluid visuals.
- **0.1ms Pixel Response Time:** Minimizes motion blur.
- **AMD FreeSync Premium & NVIDIA G-Sync:** Provides lag-free gaming and reduces screen tearing.
- **Game Portal:** Centralized access to gaming features and settings.

6. Maintenance

6.1 Cleaning the TV

To clean the screen, gently wipe it with a soft, dry, lint-free cloth. For the frame and other surfaces, use a soft cloth dampened with a mild cleaning solution. Do not use abrasive cleaners or solvents.

6.2 Software Updates

The TV may receive software updates periodically. Ensure your TV is connected to the internet to receive these updates, which improve performance and add new features. You can check for updates manually in the TV settings menu.

7. Troubleshooting

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet issue.	Check power cable connection; try a different outlet.
No picture, but sound is present	Incorrect input source selected; external device issue.	Verify input source; check external device connections.
No sound, but picture is present	Volume muted or too low; audio settings incorrect.	Increase volume; check audio output settings.
Remote control not working	Batteries depleted; obstruction; remote not paired.	Replace batteries; remove obstructions; re-pair remote.
Wi-Fi connection issues	Router issue; incorrect password; signal interference.	Restart router; re-enter Wi-Fi password; move router closer.

8. Specifications

Technical specifications for the LG OLED55C56LA TV.

Feature	Detail
Brand	LG
Model	OLED55C56LA
Model Year	2025
Screen Size	55 Inches
Display Technology	OLED
Resolution	4K (3,840 x 2,160 Pixels)
Refresh Rate	144Hz
Pixel Response Time	0.1ms
Processor	α9 AI Processor 4K Gen8
Operating System	webOS 25
Special Features	AI Picture, AI Sound, AirPlay, Arabic AI, Magic Remote, Brightness Booster, OLED Dynamic Tone Mapping Pro, AMD FreeSync Premium, NVIDIA G-Sync
Audio Output Mode	Surround
Speakers Max Output Power	40 Watts
Connectivity Technology	Bluetooth, Ethernet, HDMI, USB, Wi-Fi
Total USB Ports	3
Product Dimensions (LxWxH)	122.2 x 23 x 75.7 cm (with stand)
Item Weight	16 kg

Feature	Detail
Mounting Type	Table Mount (Wall mount compatible)
Included Components	Power Cable, Remote Control, Stand

9. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official LG website. You can find detailed support resources, FAQs, and contact information for customer service.
LG Official Website: www.lg.com

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