

[Manuals.plus](#) /

> [LG](#) /

> LG 77-Inch Class OLED evo C4 Series Smart TV 4K Processor Flat Screen with Magic Remote AI-Powered with Alexa Built-in (OLED77C4PUA, 2024) 77 Inch TV Only User Manual

LG OLED77C4PUA

LG 77-Inch Class OLED evo C4 Series Smart TV User Manual

Model: OLED77C4PUA (E1LGOLED77C4PUARB)

Brand: LG

1. INTRODUCTION

Welcome to the user manual for your new LG 77-Inch Class OLED evo C4 Series Smart TV. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your television. The LG OLED evo C4 series offers a stunning visual experience with its self-lit pixels, powered by the advanced $\alpha 9$ Gen7 AI Processor for ultra-realistic picture and sound. It features a sleek, flat screen design, a Magic Remote with AI capabilities, and integrated Alexa for smart home control.

For optimal performance and longevity of your TV, please read this manual thoroughly before use and keep it for future reference.

2. SAFETY INFORMATION

Always follow basic safety precautions when using this product to reduce the risk of fire, electric shock, or injury.

- Do not expose the TV to rain or moisture.
- Do not block ventilation openings.
- Use only attachments/accessories specified by the manufacturer.
- Unplug the TV during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel.

3. SETUP

3.1 Unboxing

Carefully remove all components from the packaging. The box should contain:

- LG 77-Inch Class OLED evo C4 Series Smart TV

- Magic Remote MR24
- 2 x AA Batteries for Remote Control
- Power Cable (attached)
- Quick Start Guide
- E-Manual (accessible via TV interface)

3.2 Physical Setup

Your LG OLED evo C4 TV can be set up using the included stand or mounted on a wall.

Stand Installation

Attach the centralized pedestal stand to the bottom of the TV using the provided screws. Ensure it is securely fastened for stability.



Figure 3.2.1: LG OLED evo C4 TV with centralized pedestal stand. The stand provides stable support for the television.

Wall Mounting

The LG OLED evo C4 features an incredibly thin design, making it ideal for wall mounting. Use a VESA-compatible wall mount (sold separately) and follow the mount manufacturer's instructions for installation. Ensure proper ventilation around the TV when wall-mounted.

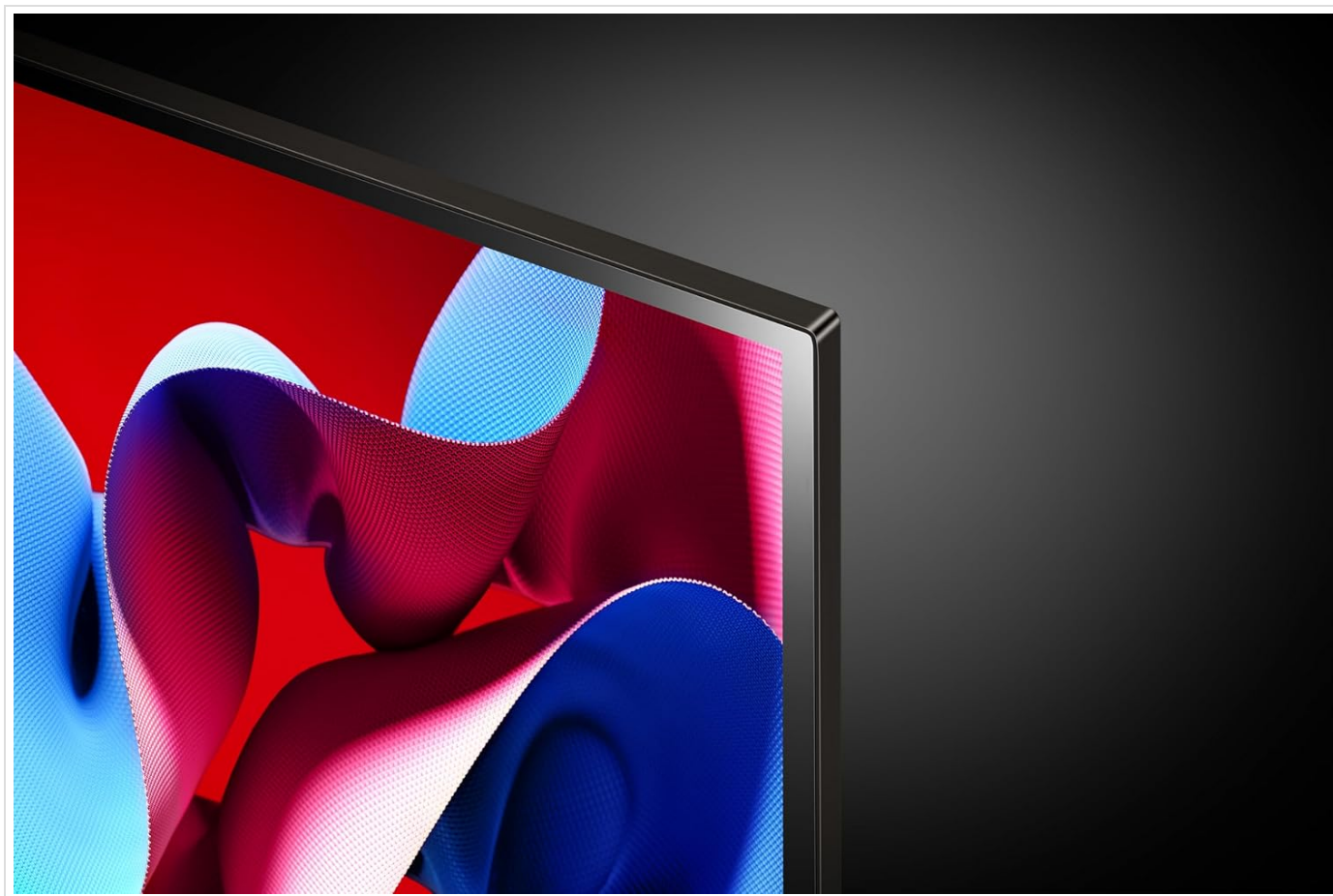


Figure 3.2.2: Side profile of the LG OLED evo C4 TV, highlighting its ultra-thin panel, which is suitable for wall mounting.

3.3 Connections

Connect your external devices to the TV using the available ports on the rear panel.



Figure 3.3.1: Rear view of the LG OLED TV's connectivity panel, showing various input ports.

- **HDMI:** Four HDMI 2.1 inputs are available for connecting gaming consoles, Blu-ray players, soundbars, and other high-definition devices. One port supports eARC for enhanced audio return.
- **USB:** Connect USB drives for media playback or external storage.
- **Ethernet (LAN):** For a stable wired internet connection.
- **Wi-Fi:** Built-in Wi-Fi for wireless internet access.
- **Bluetooth:** For connecting wireless headphones, speakers, or other Bluetooth-enabled devices.

4. OPERATING

4.1 Power On/Off

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

4.2 Magic Remote Control

The LG Magic Remote (MR24) provides intuitive control with its point-and-click functionality, scroll wheel, and voice command capabilities (Alexa built-in).





Figure 4.2.1: The LG Magic Remote, featuring a comfortable grip and dedicated buttons for popular streaming services.

4.3 Smart TV Features (webOS 24)

Your LG OLED evo C4 runs on webOS 24, offering a user-friendly interface for accessing a wide range of streaming services and LG Channels. Navigate through apps like Disney Plus, HBO Max, Netflix, Prime Video, Apple TV, and more.

webOS

Browse all your favorite streaming apps and let LG Channels connects you to 300+ free channels*.

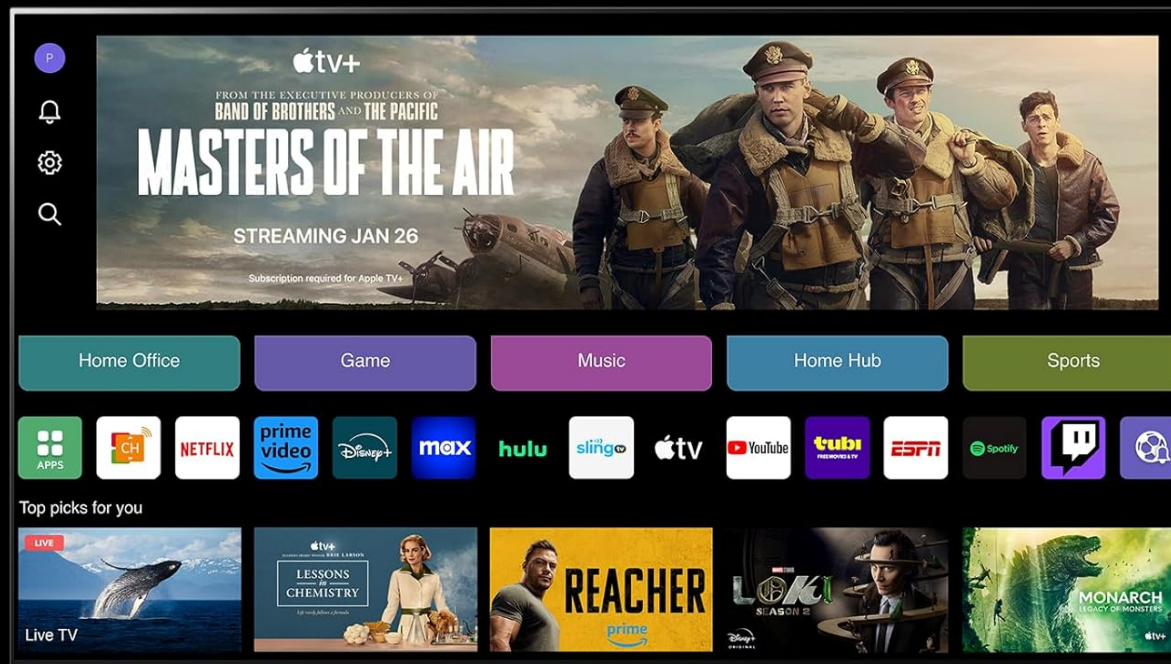
avforums

EDITOR'S
CHOICE

LG WebOS 23

Best
Smart TV System

2023/2024



*Internet connection and subscriptions to streaming services are required; number of LG Channels subject to change.

Figure 4.3.1: The webOS smart TV home screen, providing quick access to various streaming applications and LG Channels.

4.4 Picture Settings

Experience stunning picture quality with LG's self-lit OLED pixels and advanced processing.

- **SELF-LIT PIXELS:** Over 8 million self-lit pixels provide incredible contrast and accurate colors.
- **BRIGHTNESS BOOSTER:** Magnifies individual pixels for enhanced luminosity and high contrast.
- **Dolby Vision:** Enjoy extraordinary color, contrast, and brightness for compatible content.
- **FILMMAKER MODE:** Preserves the director's original vision by disabling motion smoothing and other post-processing effects.

Experience the magic of the big screen

Dolby Vision™ for extraordinary color, Dolby Atmos®* for sound you can feel all around you and land in the center of the action as the director intended with FILMMAKER MODE™.



*Dolby, Dolby Vision, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012–2024 Dolby Laboratories. All rights reserved.
**FILMMAKER MODE is a trademark of UHD Alliance, Inc.

Figure 4.4.1: An immersive viewing experience with Dolby Vision and FILMMAKER MODE, designed to bring cinematic quality to your home.

4.5 Sound Settings

Immerse yourself in rich, dynamic audio.

- **Dolby Atmos:** Delivers multi-dimensional sound that flows all around you.
- **WOW Orchestra:** Integrates the TV's speakers with a compatible LG Soundbar for an expanded soundstage (soundbar sold separately).

Discover the Sound that Surrounds You

LG's WOW Orchestra uses the speakers on both a compatible LG Soundbar and compatible LG TV to create an immersive expanded soundstage.



*Soundbar can be purchased separately, and Soundbar Mode Control may vary by model.

Figure 4.5.1: The LG WOW Orchestra feature enhances audio by synchronizing the TV's speakers with a compatible LG Soundbar.

4.6 Gaming Features

The LG OLED evo C4 is packed with features for an optimized gaming experience.

- **144 Hz Refresh Rate:** Enjoy crisp, smooth visuals with a 0.1ms response time.
- **NVIDIA G-Sync & AMD FreeSync Premium:** Ensures tear-free and stutter-free gameplay.
- **Game Dashboard & Game Optimizer:** Provides complete control over gaming settings.

Game with the power of LG OLED

Experience crisp, smooth imagery from a 0.1ms response time and up to 144Hz refresh rate.



*PC with 144Hz graphic card required.

**144Hz Mode applies to 55/65/77/83''' G4 and is compatible with PC-connected content.

Figure 4.6.1: High-performance gaming on the LG OLED TV, supported by a 144Hz refresh rate and adaptive sync technologies.

4.7 AI Features

The $\alpha 9$ Gen7 AI Processor enhances your viewing and listening experience through artificial intelligence.

- **$\alpha 9$ Gen7 AI Processor:** Exclusively made for LG OLED, it delivers ultra-realistic picture and sound.
- **AI Super Upscaling:** Automatically enhances picture quality for various content types.
- **Multi View:** Split your screen into two unique views to watch multiple contents simultaneously.

α9 AI Processor Gen7

Vivid picture no matter what you watch with AI Super Upscaling that automatically enhances picture quality whether you're watching sports, movies, or a late-night favorite.

4.5x

Improved graphics

2.2x

Processing Speeds

1.5x

Faster AI Performance



Performance results based on LG internal testing of the LG α9 Processor Gen7 vs. the LG α5 Processor Gen7.



*Performance results based on LG internal testing of the LG α9 Processor Gen7 vs. the LG α5 Processor Gen7. The α5 Processor Gen7 is available on the 2024 QNED80T, UT80 and UT75 TV Series.

Figure 4.7.1: The powerful α9 Gen7 AI Processor, designed to optimize picture and sound quality for an enhanced viewing experience.

5. MAINTENANCE

5.1 Cleaning

To clean the TV screen, gently wipe it with a soft, dry cloth. For stubborn marks, use a screen-specific cleaning solution applied to the cloth, not directly to the screen. Avoid using harsh chemicals or abrasive materials.

5.2 Software Updates

The webOS Re:New Program ensures your TV receives new software updates and feature refreshes for 5 years. Ensure your TV is connected to the internet to receive these updates automatically.

webOS Re:New Program

Enjoy 5 years of performance and peace of mind.
With LG's Re:New Program enjoy new software updates
and feature refreshes for 5 years.



webOS
Re:New Program

*Software update will automatically download. Consumers who disable "auto-update" will receive a pop-up notification to accept or deny software update.

Figure 5.2.1: The webOS Re:New Program guarantees long-term software support and feature enhancements for your LG TV.

6. TROUBLESHOOTING

If you encounter any issues with your TV, refer to the following common troubleshooting tips. For more detailed solutions, consult the E-Manual accessible through your TV's interface.

- **No Power:** Check if the power cable is securely connected and the outlet is functioning.
- **No Picture/Sound:** Verify input source, cable connections, and volume settings.
- **Remote Not Working:** Check batteries, ensure no obstructions, and re-pair the Magic Remote if necessary.
- **Network Connection Issues:** Restart your router and TV. Check network settings on the TV.

7. SPECIFICATIONS

Feature	Description
---------	-------------

Feature	Description
Brand	LG
Model Number	E1LGOLED77C4PUARB
Screen Size	77 Inches
Display Technology	OLED
Resolution	4K
Refresh Rate	Up to 144 Hz
Processor	α9 AI Processor Gen7
Connectivity	Bluetooth, Wi-Fi, USB, Ethernet, 4 x HDMI 2.1
Special Features	Built-In Speaker, Nvidia G Sync, Game Mode, Flat, Amd freesync
Item Weight	59.7 Pounds
Product Dimensions	10.5 x 67.36 x 40.75 inches
Included Components	Magic Remote MR24, 2 x AA Batteries, Power Cable, Quick Start Guide, E-Manual

8. WARRANTY AND SUPPORT

Your LG OLED evo C4 TV is supported by the **webOS Re:New Program**, ensuring 5 years of software updates and feature refreshes from the date of purchase.

For detailed warranty information, please refer to the warranty card included with your product or the E-Manual available on your TV. For customer support, you can visit the LG website or contact their support line as provided in your Quick Start Guide.

An extensive **E-Manual** is pre-installed on your TV, offering comprehensive instructions and troubleshooting guides. Access it through the webOS interface for detailed assistance.