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> LG 77-Inch Class OLED evo AI 4K C5 Series Smart TV w/Dolby Atmos, Dolby Vision, HDR10, AI Super Upscaling 4K, Filmmaker Mode, Wow Orchestra, Alexa Built-in (OLED77C5PUA, 2025) 77 inch

LG OLED77C5PUA.AUSZ

LG 77-Inch Class OLED evo AI 4K C5 Series Smart TV User Manual

Model: OLED77C5PUA.AUSZ | Brand: LG

INTRODUCTION

The LG OLED evo C5-Series is an advanced smart television designed to deliver an exceptional viewing and audio experience. Powered by the next-gen Alpha 9 Gen8 AI Processor, this TV offers ultra-realistic picture and sound, with boosted brightness and high contrast suitable for various lighting conditions. Its AI-assisted deep learning capabilities analyze content and user preferences to optimize picture and sound settings automatically.

The C5 features an almost invisible bezel, allowing it to blend seamlessly with your surroundings. Beyond viewing, it can display art, photos, and other content, making it a versatile centerpiece. With webOS 25, you can search less and stream more, accessing a wide range of content and enjoying continuous software updates through the webOS Re:New program. Dolby Vision and Dolby Atmos provide extraordinary color, contrast, brightness, and immersive sound, while Filmmaker Mode ensures content is viewed as intended by creators. For gamers, the C-Series offers a 0.1ms response time, native 120Hz refresh rate (up to 144Hz for PC gaming), and four HDMI 2.1 inputs, along with Game Dashboard and Game Optimizer for enhanced control.

WHAT'S IN THE BOX

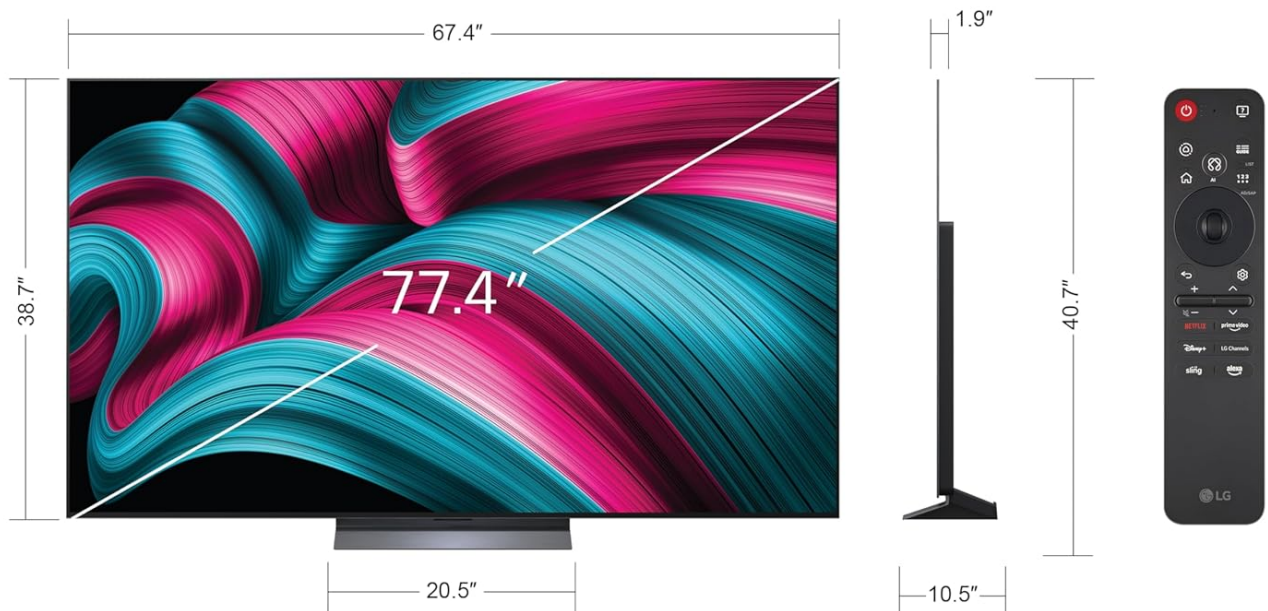
Upon unboxing your LG 77-Inch Class OLED evo AI 4K C5 Series Smart TV, you will find the following components:

- Power Cable
- Stand
- Remote Control
- User Manual

LG OLED evo AI

OLED77C5PUA

77" Class
(77.4" Diag)



Dimensions (Inches W x H x D)

67.4 x 38.7 x 1.9 (without stand)

67.4 x 40.7 x 10.5 (with stand)

20.5 (stand footprint)

What's in the box

- Magic Remote
- Remote Control Batteries
- Power Cable
- Stand
- Quick Start Guide

Image: Diagram showing the dimensions of the LG 77-Inch C5 TV and a list of included accessories such as the Magic Remote, stand, and power cable.

SETUP

Physical Installation

Carefully unpack your television and its components. If using the included stand, follow the instructions in the Quick Start Guide for secure assembly. Ensure the TV is placed on a stable, level surface. For wall mounting, consult a professional installer and use a compatible VESA mount (not included).

Connecting Devices

The LG C5 TV offers multiple connectivity options for your external devices:

- **HDMI:** Four HDMI 2.1 inputs are available for connecting gaming consoles, Blu-ray players, soundbars, and other HDMI-enabled devices. HDMI 2.1 supports advanced features like 4K at 120Hz/144Hz, VRR, ALLM, and eARC.
- **USB:** Connect USB drives for media playback or external storage.
- **Ethernet (LAN):** For a stable wired internet connection.
- **Wi-Fi:** Connect to your home wireless network for smart features and streaming.
- **Bluetooth:** Pair wireless headphones, soundbars, or other Bluetooth accessories.



Image: Close-up of the rear panel of the LG C5 TV, highlighting the HDMI, USB, LAN, and optical digital audio out ports.

Initial Power-On and Basic Settings

After connecting all necessary cables, plug in the power cable and turn on the TV. Follow the on-screen prompts for initial setup, including language selection, network connection, and channel scanning. The intuitive webOS interface will guide you through the process.

OPERATING THE LG C5 SMART TV

Smart Features with webOS 25

The LG C5 is powered by the award-winning webOS smart platform, offering a seamless and personalized entertainment experience. webOS 25 provides access to a vast array of streaming apps like Netflix, Disney+, Prime Video, and Apple TV. You can also enjoy over 300 free LG Channels, offering diverse content across various genres.

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Video: A short promotional video showcasing the LG OLED evo AI C5 Series, highlighting its smart features and vibrant display.
The webOS Re:New Program ensures your TV stays up-to-date with the latest software upgrades for up to 5 years, keeping your entertainment experience fresh and optimized.



Image: The LG webOS 25 home screen, displaying various streaming app icons and highlighting its Emmy Award for Technology & Engineering.

AI Magic Remote and Voice ID

Navigate webOS easily with the new AI Magic Remote, featuring intuitive controls like Point & Click, Scrolling, and a dedicated AI Button. The AI Voice ID with My Profile feature recognizes your voice and offers tailored content recommendations, enhancing your personalized viewing experience.

AI Picture Pro

Analyzes each frame, enhances resolution, brightness, depth, and clarity to bring every scene to life.



*AI Picture Pro will not work with any copyright-protected content on OTT services.
*Image quality of upscaled content will vary based on the source resolution.

Image: The LG AI Magic Remote, illustrating its point & click, scrolling, and AI button functionalities for easy navigation.

Picture and Sound Enhancements

Experience stunning visuals and immersive audio with LG's advanced technologies:

- **Brightness Booster:** Magnifies each individual pixel for luminous quality and enhanced detail.
- **Alpha 9 AI Processor Gen8:** Provides personalized, smooth, and vivid picture quality. AI Super Upscaling technology automatically enhances content to 4K, while AI Picture Pro analyzes each frame to improve resolution, brightness, depth, and clarity.
- **Perfect Black and Perfect Color:** OLED technology delivers true black levels and 100% color fidelity and volume, ensuring incredible contrast and accurate, lifelike colors even in bright environments.
- **Dolby Vision & Dolby Atmos:** Enjoy extraordinary color, contrast, and brightness with Dolby Vision, and immersive, all-encompassing sound with Dolby Atmos.
- **Filmmaker Mode:** Allows you to see films exactly as the director intended, preserving the original aspect ratios, colors, and frame rates.

alpha 9 AI Processor Gen8

Enjoy personalized, crisp picture
and sound no matter what you

watch with AI Picture Pro and AI Super Upscaling*

NPU
Approx. **1.7x**
Greater AI
Neural Processing

CPU
1.7x
Faster
Operation

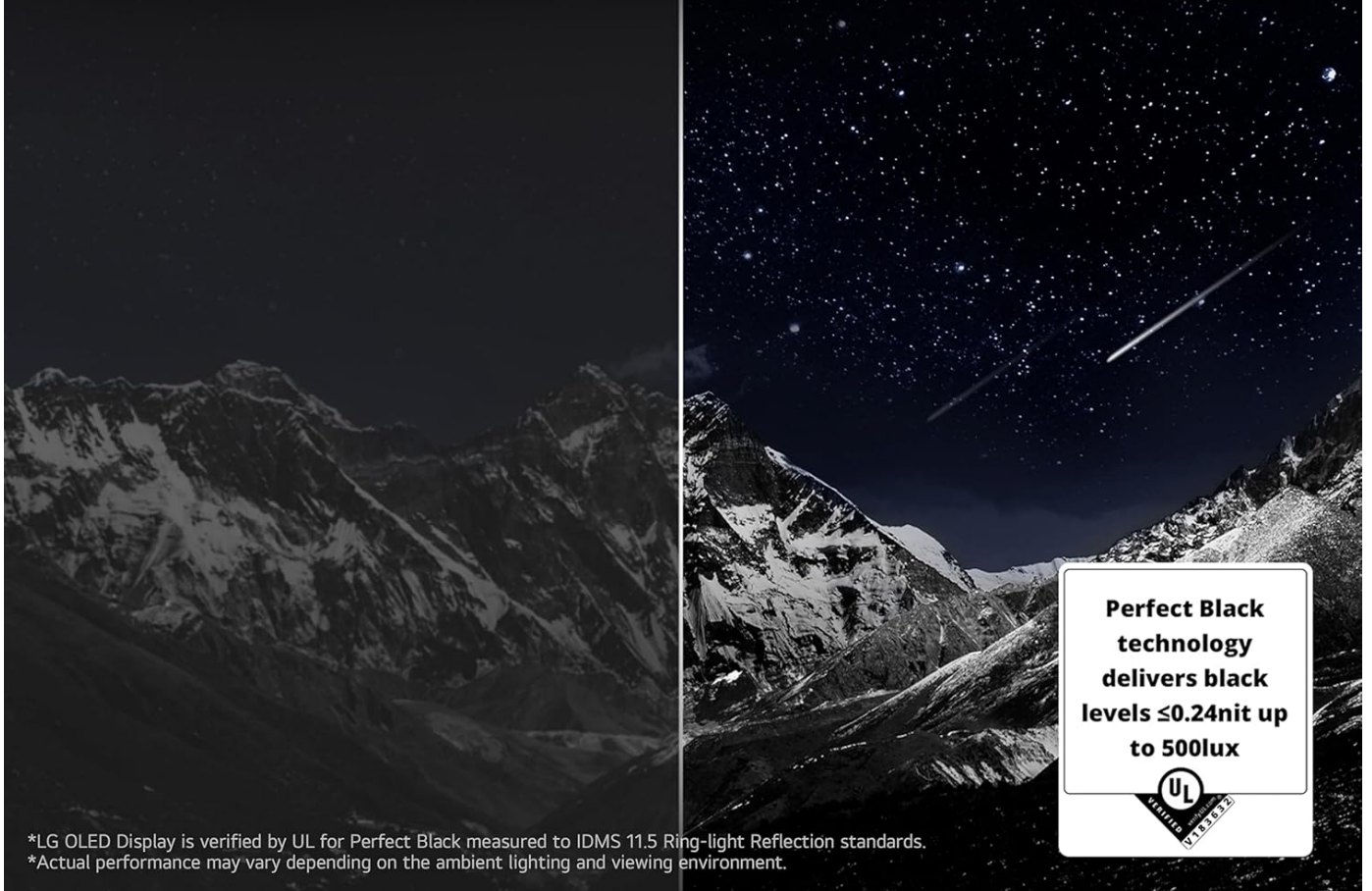
GPU
2.1x
Improved
Graphics

*Performance results based on LG internal testing of the LG α9 Processor Gen8 vs. the LG α7 Processor Gen8. LG α7 Processor Gen8 available on UA77.

Image: A diagram illustrating the LG Alpha 9 AI Processor Gen8, highlighting its NPU, CPU, and GPU for enhanced AI neural processing, faster operation, and improved graphics.

Perfect Black

**Unveil mesmerizing depth, detail, and contrast
with true black levels whether it's bright
or dark around you.**



*LG OLED Display is verified by UL for Perfect Black measured to IDMS 11.5 Ring-light Reflection standards.
*Actual performance may vary depending on the ambient lighting and viewing environment.

**Perfect Black
technology
delivers black
levels $\leq 0.24\text{nit}$ up
to 500lux**



Image: A visual comparison demonstrating the Perfect Black feature of LG OLED TVs, showing deep, true blacks for mesmerizing depth and detail.

Perfect Color

100% Color Fidelity and 100% Color Volume
for accurate lifelike colors
even in sunlight or dark environments.



*'100% Color Fidelity' and '100% Color Volume to DCI-P3' applies to 2025 OLED TVs.

*LG OLED Display is verified by UL for Perfect Color measured to IDMS 11.5 Ring-light Reflection standards.

*100% Color Volume is defined as the performance of display which is equal or greater than the size of DCI-P3 standard color volume as verified independently by Intertek.

*The LG OLED Panel is certified by Intertek for 100% Color Fidelity, measured according to the CIE DE2000 standard with 125 color patterns.

Image: A vibrant display showcasing the 100% Color Fidelity and 100% Color Volume of LG OLED TVs, ensuring accurate lifelike colors in any environment.

Ultimate Gaming Experience

The LG C5 is packed with features for an ultimate gaming experience:

- **Fast Response Time:** Enjoy crisp, smooth imagery with a 0.1ms response time.
- **High Refresh Rate:** Supports up to 144Hz refresh rate for PC gaming, minimizing blurring and tearing.
- **Adaptive Sync Technologies:** Compatible with NVIDIA G-Sync, AMD FreeSync Premium, and VRR (Variable Refresh Rate) for tear-free gameplay.
- **Game Dashboard & Optimizer:** Centralized control for all your gaming settings, whether you're on consoles or cloud gaming platforms.

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Video: A testimonial video from LG Electronics highlighting the features of the 2025 LG OLED evo AI C5, including its gaming capabilities and picture quality.

MAINTENANCE

OLED Care

The LG C5 is designed with OLED Care features to ensure the longevity and optimal performance of your display. This includes pixel refresh and screen shift functions that automatically run to prevent image retention and maintain picture quality over time. It is recommended to allow these features to run as scheduled by the TV.

For general cleaning, gently wipe the screen with a soft, dry microfiber cloth. Avoid using harsh chemicals or abrasive materials that could damage the screen surface.

TROUBLESHOOTING

If you encounter any issues with your LG C5 Smart TV, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power cable is securely plugged into both the TV and a working electrical outlet. Try a different outlet.
- **No Picture/Sound:** Verify that all HDMI and audio cables are correctly connected to the TV and external devices. Check the input source selection on the TV.
- **Network Connectivity Issues:** For Wi-Fi, ensure your router is on and within range. For wired connections, check the Ethernet cable. Try restarting your router and the TV.
- **App Freezing/Lagging:** Close and reopen the app. If the issue persists, try restarting the TV by unplugging it from the power outlet for a few minutes and then plugging it back in.
- **Software Updates:** Ensure your TV's software is up-to-date. Navigate to Settings > All Settings > Support > Software Update to check for and install any available updates.

For more detailed troubleshooting or persistent issues, refer to the comprehensive online user manual available on the LG support website or contact LG customer support.

SPECIFICATIONS

Brand	LG
Model Number	OLED77C5PUA.AUSZ
Screen Size	77 Inches
Display Technology	OLED
Resolution	4K
Refresh Rate	120 Hz (up to 144Hz for PC)
Connectivity Technology	Bluetooth, Wi-Fi, USB, Ethernet, HDMI
HDMI Ports	4 (HDMI 2.1)
Special Features	Built-In Speaker, Nvidia G Sync, Google Cast built-in, Multiple Voice Assistance, AMD FreeSync
Product Dimensions (D x W x H)	10.5"D x 67.4"W x 40.7"H
Item Weight	59.7 Pounds
Energy Consumption (Annual)	375 Kilowatt Hours Per Year

WARRANTY AND SUPPORT

LG provides comprehensive support for its products. For detailed warranty information, please refer to the warranty card included with your product or visit the official LG website. Additional protection plans may be available from your retailer.

For customer support, technical assistance, or service inquiries, please visit the LG Electronics website or contact their dedicated customer

service line. Information regarding product registration, software updates, and FAQs can also be found on the official support portal.