LG OLED77C2PUA

LG 77-Inch Class OLED evo C2 Series 4K Smart TV Instruction Manual

Model: OLED77C2PUA

1. Introduction

This manual provides essential information for the safe and efficient operation of your LG 77-Inch Class OLED evo C2 Series 4K Smart TV. Please read this manual thoroughly before using the product and retain it for future reference.

The LG OLED evo C2 Series TV features a 77-inch OLED display with 4K resolution, a 120Hz refresh rate, and is powered by the a9 Gen5 AI Processor 4K. It supports advanced audio and visual technologies such as Dolby Vision IQ and Dolby Atmos, and is designed for an enhanced viewing and gaming experience.

2. What's in the Box

Verify that all components are present upon unpacking your LG OLED evo C2 TV:

- LG 77-Inch Class OLED evo C2 Series 4K Smart TV
- Magic Remote
- Remote Control Batteries
- TV Stand (if not wall-mounted)
- Power Cable
- Quick Start Guide
- User Manual (this document)



Figure 2.1: LG OLED evo C2 77-inch TV with dimensions and included accessories. The image displays the TV's front and side profiles, along with the Magic Remote and a list of items in the box.

3. Setup

3.1 Physical Installation

The LG OLED evo C2 TV can be placed on its included stand or wall-mounted. Ensure the TV is placed on a stable, level surface or securely mounted to a wall using a compatible VESA mount (sold separately).



Figure 3.1: Front view of the LG 77-inch OLED evo C2 TV on its stand, showcasing its display quality.

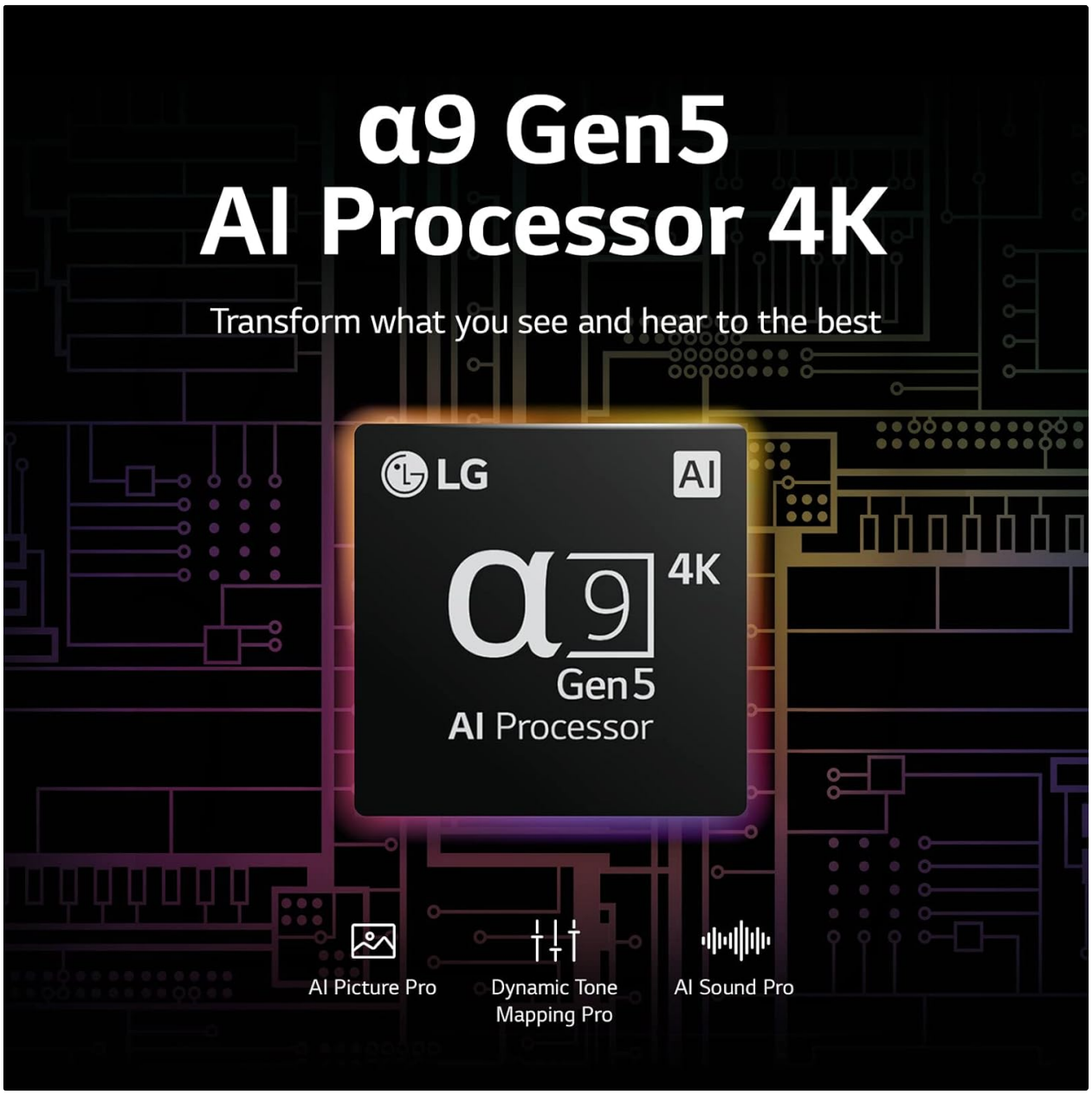


Figure 3.2: Side view of the LG OLED evo C2 TV, illustrating its thin panel design.

3.2 Initial Power On and Network Connection

1. Connect the power cable to the TV and a power outlet.
2. Press the Power button on the TV or the Magic Remote to turn on the TV.
3. Follow the on-screen instructions to complete the initial setup, including language selection, country, and network connection (Wi-Fi or Ethernet).

3.3 Magic Remote Pairing

If the Magic Remote does not respond, point it towards the TV and press the**Wheel (OK)** button. The remote will automatically register to the TV.



Figure 3.3: The LG Magic Remote, designed for intuitive navigation with point and scroll functionality.

4. Operating Instructions

4.1 Smart TV Features (webOS)

Your LG OLED evo C2 TV runs on the webOS platform, providing an intuitive interface for accessing various content and applications.

- **Home Dashboard:** Access all connected devices, smart home appliances, and TV settings from a single screen.
- **Streaming Apps:** Enjoy popular streaming services like Netflix, Prime Video, Disney+, HBO Max, Hulu, and more directly from the TV.
- **LG Channels:** Access over 300 free channels, including movies, news, and sports.
- **Voice Control:** Use the Magic Remote's built-in microphone for voice commands to search for content, change settings, or control smart home devices.



Figure 4.1: The webOS smart TV interface, showing a selection of streaming applications and content recommendations.

Video 4.1: An official LG video explaining the features and benefits of the webOS smart TV operating system, including access to streaming apps and LG Channels.

4.2 Picture Quality

The LG OLED evo C2 utilizes self-lit pixels to deliver perfect blacks, infinite contrast, and over a billion vibrant colors. The a9 Gen5 AI Processor 4K enhances picture and sound quality through AI Picture Pro and Dynamic Tone Mapping Pro.

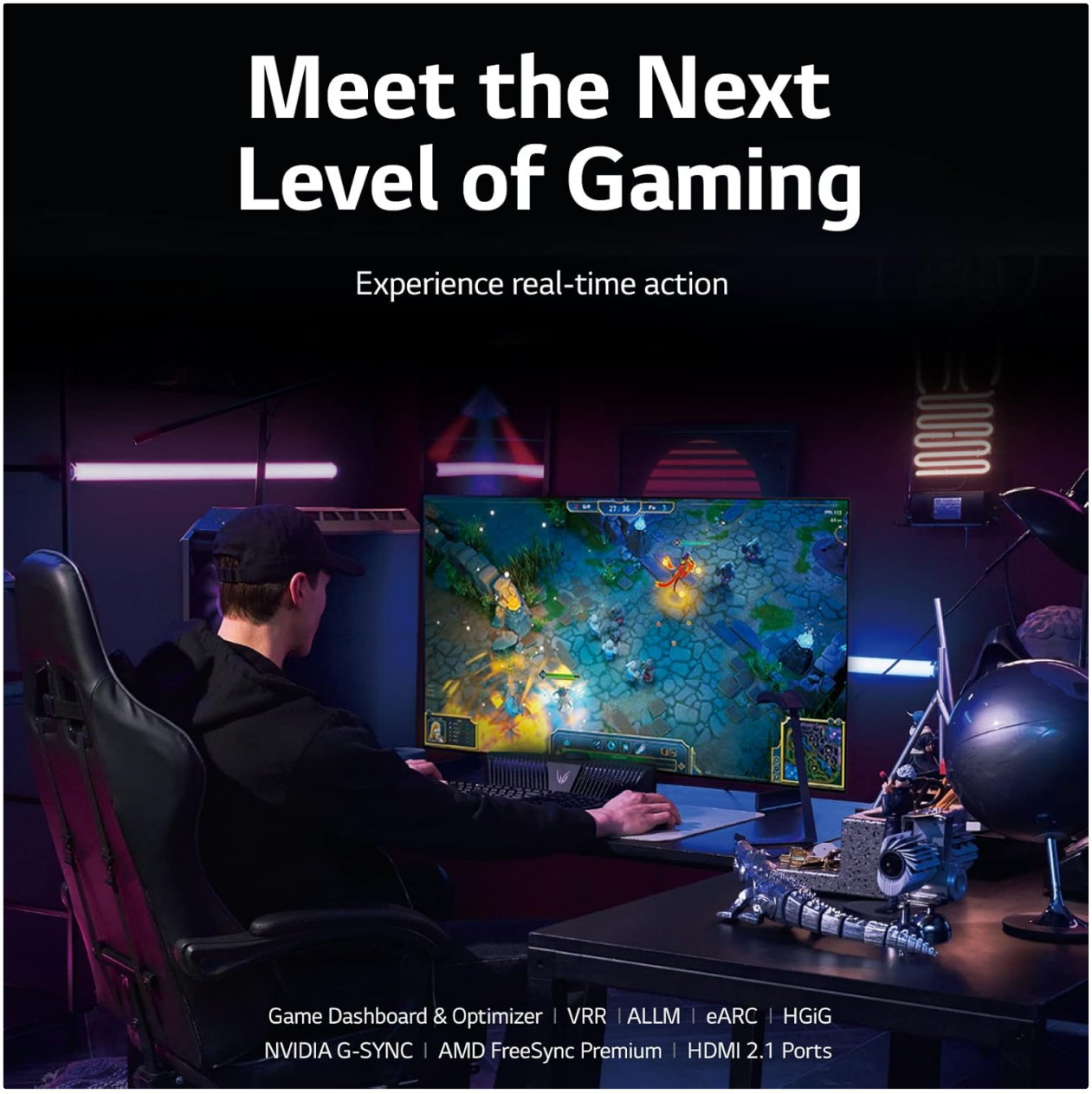


Figure 4.2: Visual comparison demonstrating the superior contrast and color vibrancy of SELF-LIT OLED evo technology compared to conventional displays.



Figure 4.3: Illustration of the AI Picture Pro feature, showing how the a9 Gen5 AI Processor 4K enhances image quality.

4.3 Sound Quality

Experience immersive audio with Dolby Atmos and the TV's 2.2 Channel speaker system. AI Sound Pro optimizes audio based on content and room acoustics.

4.4 Gaming Features

The LG OLED evo C2 TV is optimized for gaming with a 120Hz refresh rate, 0.1ms response time, and support for NVIDIA G-SYNC and AMD FreeSync Premium. It also features 4 HDMI 2.1 ports for high-bandwidth connectivity and a Game Dashboard & Optimizer for quick access to gaming settings.

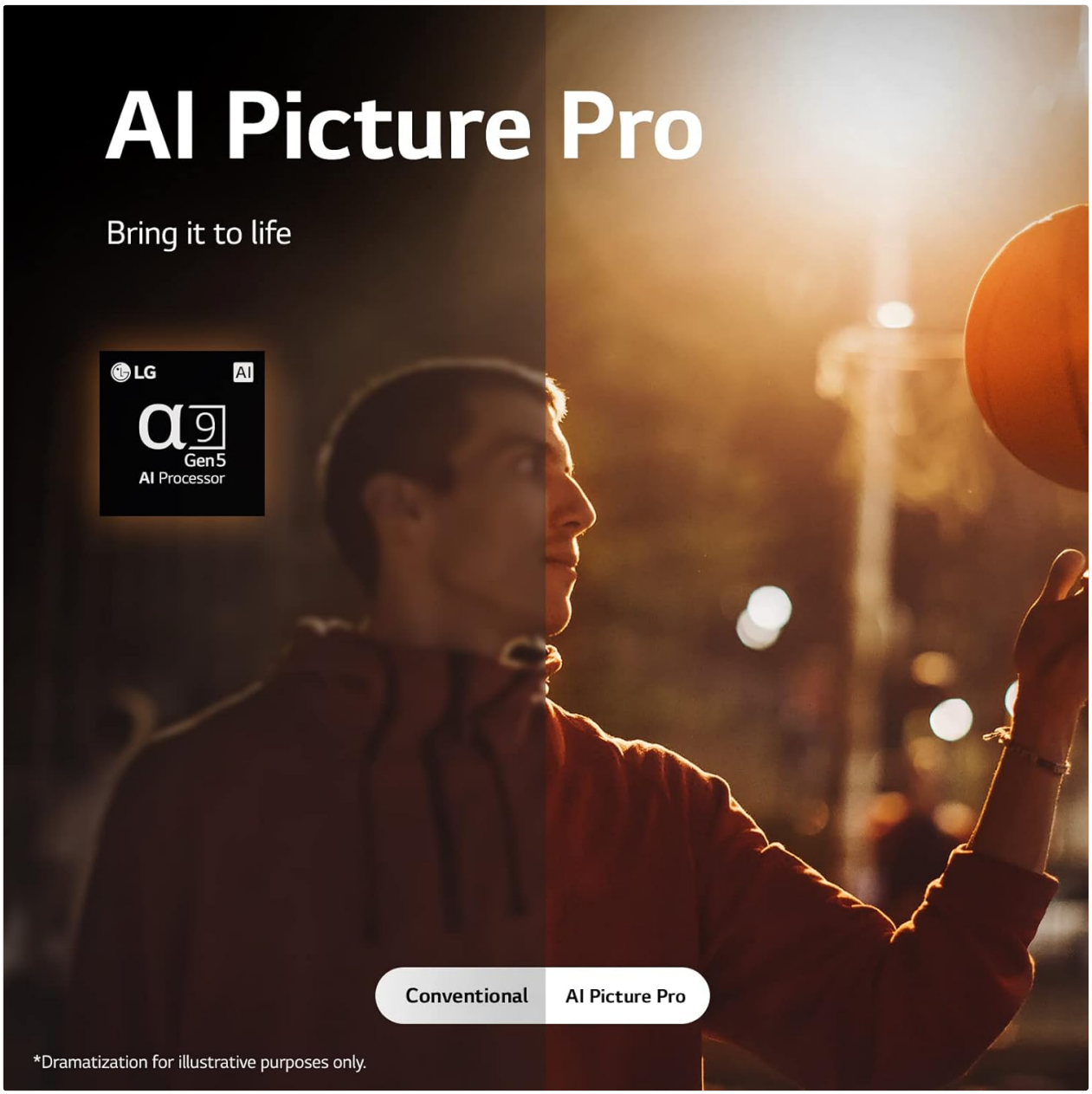


Figure 4.4: A gaming setup featuring the LG OLED evo C2 TV, demonstrating its capabilities for an enhanced gaming experience.

5. Maintenance

To maintain the performance and longevity of your TV:

- **Cleaning:** Gently wipe the screen and exterior surfaces with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- **Software Updates:** Ensure your TV's software is up to date for optimal performance and new features. Updates can typically be found in the TV's settings menu.
- **Ventilation:** Ensure adequate ventilation around the TV to prevent overheating. Do not block ventilation openings.

6. Troubleshooting

If you encounter issues with your TV, refer to the following common troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the TV and the power outlet. Try a

different outlet.

- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections (HDMI, antenna, etc.).
- **Remote Not Working:** Replace the batteries in the Magic Remote. Re-pair the remote if necessary (refer to Section 3.3).
- **Network Connection Issues:** Restart your router and modem. Check the TV's network settings to ensure it is connected to the correct network.
- **Picture Quality Issues:** Adjust picture settings (brightness, contrast, color) in the TV's menu. Ensure content source is high quality.

For more detailed troubleshooting, consult the comprehensive user manual available on the LG support website or contact LG customer support.

7. Specifications

Feature	Specification
Brand	LG
Model Number	OLED77C2PUA
Screen Size	76.7 Inches (77-Inch Class)
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	a9 Gen5 AI Processor 4K
Special Features	OLED evo, AI-Powered 4K, Dolby Vision IQ, Dolby Atmos, WiSA Ready, Cloud Gaming, Brightness Booster
Speaker Type	2.2 Channel
Connectivity Technology	RCA, HDMI 2.1 (4 ports)
Product Dimensions (without stand)	1.9"D x 67.4"W x 38.7"H
Product Dimensions (with stand)	10.5"D x 67.4"W x 40.7"H
Item Weight	59.7 Pounds

8. Warranty and Support

This LG OLED evo C2 Series TV is a manufacturer-refurbished unit. It has been fully tested to deliver reliable, like-new performance and comes with a 90-day warranty for your peace of mind. For warranty claims or technical support, please contact the retailer or LG customer service.

Additional support resources, including FAQs and software downloads, may be available on the official LG website.