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LG OLED83C3PUA

LG C3 Series 83-Inch Class OLED evo 4K Smart TV User Manual

Model: OLED83C3PUA

1. Introduction

This manual provides essential information for the safe and efficient use of your LG C3 Series 83-Inch Class OLED evo 4K Smart TV. Please read it thoroughly before operating the product and retain it for future reference.
The LG C3 Series OLED evo TV features a 4K resolution display, powered by the a9 AI Processor Gen6, offering enhanced picture and sound quality. It includes smart functionalities via webOS 23 and supports various gaming features.



Image 1.1: Front view of the LG C3 Series 83-Inch OLED evo 4K Smart TV.

2. Setup

2.1. Unpacking and Placement

Due to its size and weight, the 83-inch LG C3 TV requires at least two people for safe unpacking and handling. Ensure the TV is placed on a stable, level surface or securely mounted to a wall using a compatible VESA mount (sold separately).

- **Weight:** Approximately 91.7 pounds (without stand).
- **Dimensions (without stand):** 72.9" W x 41.6" H x 2.2" D.
- **Dimensions (with stand):** 72.9" W x 43" H x 11" D.



Image 2.1: Diagram showing the dimensions of the LG C3 83-inch TV and a list of included components.

2.2. Connecting Peripherals

Connect your external devices such as Blu-ray players, gaming consoles, soundbars, or set-top boxes to the TV's input ports.

- **HDMI Ports:** Four HDMI 2.1 inputs are available, supporting 4K at 120Hz, VRR, ALLM, and eARC (on HDMI 2).
- **USB Ports:** Connect USB storage devices for media playback.
- **Ethernet (LAN):** For wired network connection.
- **Antenna/Cable Input:** For connecting an antenna or cable TV.
- **Optical Digital Audio Out:** For connecting to an external audio system.



Image 2.2: Detailed view of the rear connection panel, showing HDMI, USB, LAN, and audio ports.





Image 2.3: Detailed view of the side connection panel, showing easily accessible HDMI and USB ports.

2.3. Initial Power-On and Basic Settings

After connecting all necessary cables, plug the power cord into an electrical outlet. The TV will guide you through the initial setup process, including network connection, channel scanning, and basic picture/sound settings.

3. Operating the TV

3.1. Using the Magic Remote

The included Magic Remote allows for intuitive control of your TV. Point and click, use the scroll wheel, or utilize voice commands for navigation and content search. Ensure the remote is paired with the TV for full functionality.



Image 3.1: The LG Magic Remote, featuring a scroll wheel, voice command button, and dedicated streaming service buttons.

3.2. webOS 23 Smart Features

The webOS 23 platform provides access to a wide range of streaming apps, live TV, and smart home features. Use Quick Cards to organize your favorite applications and content categories for easy access.

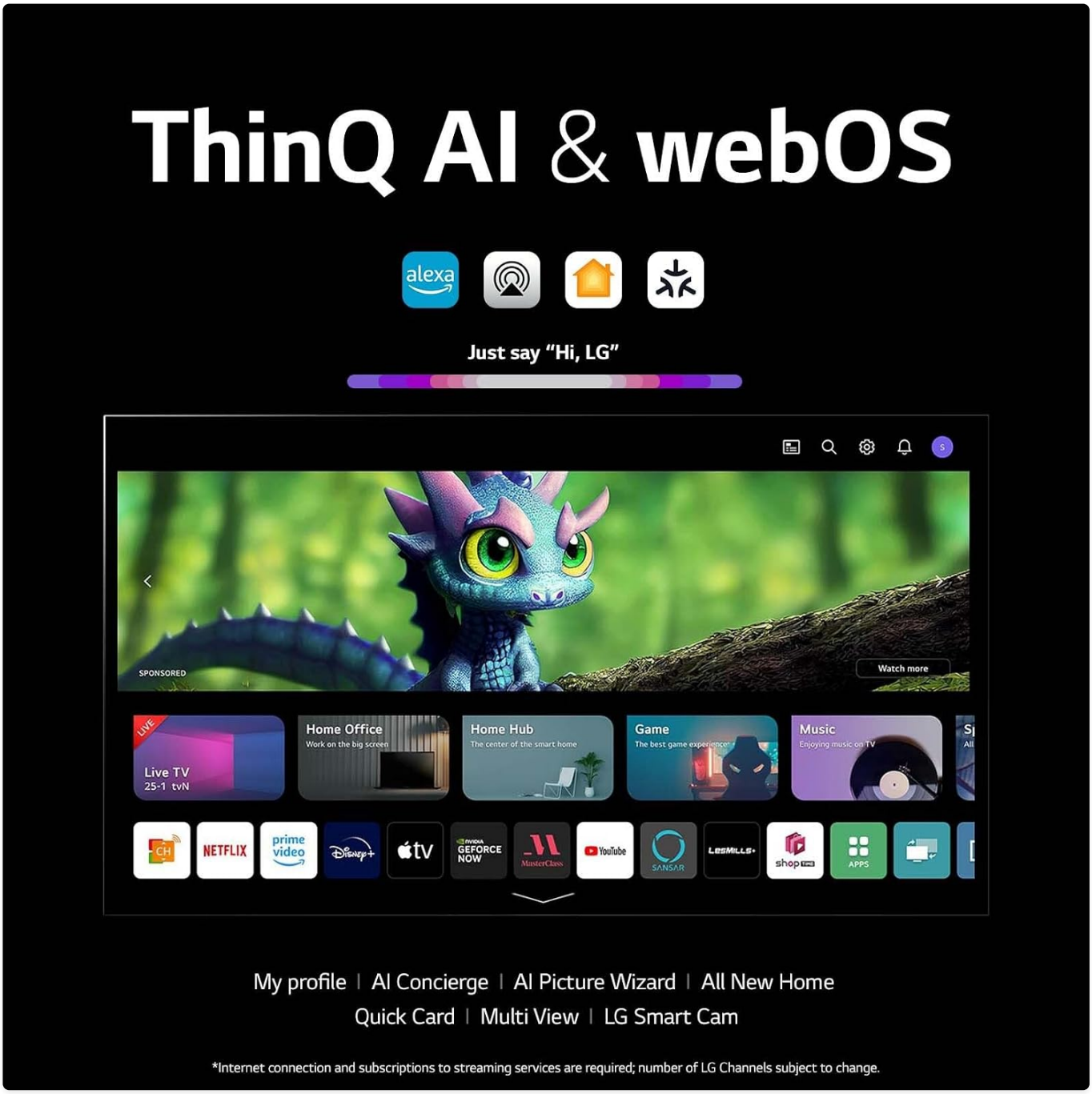

Image 3.2: Screenshot of the LG webOS 23 home screen, showcasing various apps and ThinQ AI integration.

3.3. Picture and Sound Settings

Your LG C3 TV is equipped with advanced picture and sound technologies:

- **a9 AI Processor Gen6:** Optimizes picture and sound in real-time.
- **Brightness Booster:** Enhances brightness for luminous picture and high contrast.
- **Dolby Vision & HDR:** Provides extraordinary color, contrast, and brightness for compatible content.
- **FILMMAKER MODE:** Preserves the director's original vision for movies.
- **Dolby Atmos:** Delivers immersive, wrap-around sound.
- **WOW Orchestra:** Integrates TV speakers with compatible LG soundbars for an enhanced audio experience.



Image 3.3: Visual representation of the a9 AI Processor 4K Gen6, highlighting its AI Picture, AI Upscaling, and Dynamic Tone Mapping capabilities.



Image 3.4: Graphic illustrating the Brightness Booster feature, which uses light boosting algorithms and control architecture.



Image 3.5: Depiction of the LG Audio System with WOW Orchestra, showing multi-surround sound effects in a living room setting.

3.4. Gaming Features

The LG C3 TV is optimized for gaming with a 0.1ms response time and a native 120Hz refresh rate. It supports NVIDIA G-Sync, AMD FreeSync Premium, and VRR (Variable Refresh Rate) for smooth, tear-free gameplay. The Game Dashboard and Game Optimizer provide quick access to gaming-specific settings.



Image 3.6: Scene showing individuals gaming on the LG C3 TV, highlighting features like Game Dashboard & Optimizer, VRR, ALLM, eARC, and HGiG.

4. Maintenance

4.1. Cleaning the TV

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with distilled water. Avoid using harsh chemicals, abrasive cleaners, or direct spraying of liquids onto the screen or TV body.

4.2. Software Updates

Ensure your TV's software is up to date for optimal performance and access to the latest features. Connect your TV to the internet and navigate to the settings menu to check for and install available updates.

4.3. OLED Panel Care

OLED panels are designed for longevity. To prevent potential image retention (burn-in), avoid displaying static images for extended periods. The TV includes built-in features like Screen Shift and Pixel Refresher to help maintain panel health. LG OLED TVs are engineered to minimize the risk of burn-in under normal viewing conditions.

5. Troubleshooting

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

- **No Power:** Ensure the power cord is securely plugged into both the TV and a working electrical outlet. Test the outlet with another device.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections between the TV and external devices.
- **Remote Not Working:** Replace the batteries in the Magic Remote. Ensure there are no obstructions between the remote and the TV. Re-pair the remote if necessary.
- **Network Connection Issues:** Check your Wi-Fi router or Ethernet cable. Try restarting your router.
- **Picture Quality Issues:** Adjust picture settings (e.g., brightness, contrast, sharpness). Ensure the content source is high quality.

For more complex issues, a factory reset may resolve the problem. This will revert all settings to their default values. Consult the on-screen menu for instructions on performing a factory reset.

6. Specifications

Feature	Specification
Brand	LG
Model Number	OLED83C3PUA
Screen Size	83 Inches
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Processor	a9 AI Processor Gen6
Connectivity	Bluetooth, Ethernet, HDMI (4x HDMI 2.1), USB, Wi-Fi
Operating System	webOS 23
Voice Assistant	Alexa Built-in
Product Dimensions (with stand)	72.9" W x 43" H x 11" D
Item Weight	91.7 Pounds
Voltage	120 Volts
On-mode power consumption	170.0 watts

7. Warranty and Support

7.1. Warranty Information

Your LG C3 Series TV is covered by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official LG website for detailed terms and conditions regarding coverage and duration.

7.2. Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty claims, please contact LG Customer Support. You can find contact information and additional resources on the official LG website: www.lg.com/us/support

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