

## LG 42LX3QPUA

# LG OLED Flex Smart TV User Manual

Model: 42LX3QPUA

Brand: LG

## 1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your LG 42-Inch Class OLED Flex Smart TV (Model: 42LX3QPUA). Please read this manual thoroughly before using the product to ensure proper and safe operation.

The LG OLED Flex is a versatile display designed for both television viewing and gaming, featuring a unique bendable screen that can transition from flat to curved. It incorporates advanced technologies such as the  $\alpha 9$  Gen 5 AI Processor 4K for optimized picture and sound, and supports various smart home integrations.

## 2. WHAT'S IN THE BOX

Verify that all components listed below are included in your product packaging:

- LG OLED Flex Smart TV (42LX3QPUA)
- Magic Remote Control
- Remote Control Batteries (AA)
- Power Cable
- Quick Start Guide
- Integrated Stand (with height adjustment, tilting, and swivel capabilities)

## 3. SETUP

### 3.1 Physical Setup

The LG OLED Flex comes with an integrated stand that supports height adjustment, tilting, and swivel. Ensure the TV is placed on a stable, level surface capable of supporting its weight (approximately 49.8 pounds).



Figure 3.1: LG OLED Flex Smart TV in its flat screen configuration, ideal for general viewing or productivity.



Figure 3.2: LG OLED Flex Smart TV in its curved screen configuration, enhancing immersion for gaming.



Figure 3.3: Product dimensions for placement planning.

### 3.2 Connecting Devices

The LG OLED Flex offers multiple connectivity options. Locate the input ports on the rear and side of the stand.

- **HDMI 2.1 Ports:** Four HDMI 2.1 ports are available, supporting Variable Refresh Rate (VRR) and Enhanced Audio Return Channel (eARC) for high frame rates and sharper images. Connect gaming consoles, Blu-ray players, or other HDMI-enabled devices.
- **USB Ports:** Multiple USB ports are provided for connecting external storage devices or peripherals.
- **Ethernet (LAN) Port:** For wired network connection.
- **Antenna/Cable Input:** For connecting an antenna or cable TV source.
- **Optical Digital Audio Out:** For connecting to external audio systems.





Figure 3.4: Side HDMI and USB ports.



Figure 3.5: Rear LAN, antenna, and optical audio ports.

After connecting all desired devices, plug the power cable into the TV and then into a wall outlet.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On and Initial Setup

Press the Power button on the Magic Remote Control or on the TV itself to turn on the LG OLED Flex. Follow the on-screen prompts for initial setup, including network connection, channel scanning, and account setup for smart features.

### 4.2 Bendable Screen Functionality

A key feature of the LG OLED Flex is its ability to transition between a flat and curved screen. This adjustment is controlled via the Magic Remote.

- Use the dedicated button on the remote to activate the screen bending mechanism.
- The screen offers 20 different curvature settings, allowing for precise adjustment to your viewing or gaming preference.
- The screen can bend up to a maximum curvature of 900R.



Figure 4.1: Screen curvature adjustment via remote control.



Figure 4.2: Top view of the screen in its curved position.

### 4.3 Smart Features and AI Processing

The LG OLED Flex is equipped with the  $\alpha 9$  Gen 5 AI Processor 4K, which intelligently optimizes picture and sound quality based on the content being viewed. It supports various smart home ecosystems:

- **Voice Assistants:** Built-in support for Google Assistant and Amazon Alexa allows for voice control of the TV and compatible smart home devices.
- **Apple AirPlay 2 & HomeKit:** Seamlessly stream content from Apple devices and integrate the TV into your Apple HomeKit ecosystem. (Separate device purchase may be necessary for full integration).
- **Dolby Vision IQ & Filmmaker Mode:** Experience content as intended by creators with enhanced dynamic range and preserved cinematic quality.

### 4.4 Gaming Features

Designed for an optimal gaming experience, the LG OLED Flex includes:

- **Game Optimizer & Dashboard:** Quickly adjust game settings and monitor performance metrics.
- **NVIDIA G-SYNC & FreeSync Premium:** Ensures fluid, tear-free gameplay by synchronizing the display's refresh rate with the graphics card.
- **120Hz Refresh Rate & 0.1ms Response Time:** Provides ultra-smooth motion and minimal input lag.
- **Super Anti Reflection (SAR):** Reduces glare and reflections for an uninterrupted viewing experience.
- **Adjustable Screen Size:** The display can be adjusted to 42, 32, or 27 inches for different gaming scenarios.



Figure 4.3: Game Optimizer interface for quick adjustments.

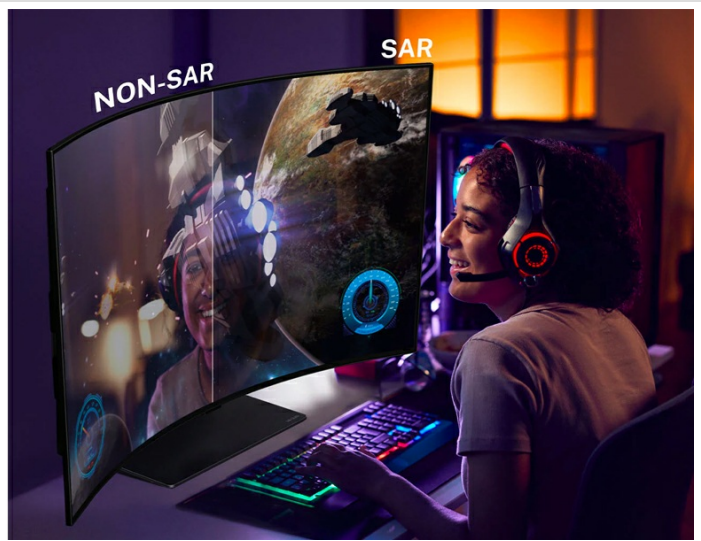


Figure 4.4: Super Anti Reflection (SAR) technology minimizes glare.



Figure 4.5: Adjustable screen sizes for various gaming needs.

## 4.5 Audio Features

The integrated speaker system provides clear audio. For enhanced sound, external audio systems can be connected via eARC or optical digital audio out.

- **Dolby Atmos:** Supports immersive audio experiences.
- **Built-in Speakers:** Provides quality sound for general use.



Figure 4.6: Immersive audio experience with the LG OLED Flex.

## 4.6 Ambient Lighting

The rear of the stand features customizable ambient lighting to enhance your viewing environment.



Figure 4.7: Customizable ambient lighting on the rear of the stand.

## 5. MAINTENANCE

### 5.1 Cleaning the Display

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals, abrasive materials, or direct spraying onto the screen.

### 5.2 Pixel Refresh (OLED Specific)

As an OLED display, the LG OLED Flex may periodically suggest a pixel refresh to maintain picture quality and prevent image retention. Follow the on-screen prompts when this notification appears. This process typically runs when the TV is in standby mode and helps preserve the lifespan of the OLED panel.

## 6. TROUBLESHOOTING

If you encounter issues with your LG OLED Flex, refer to the following common solutions:

- **No Power:** Ensure the power cable is securely connected to both the TV and a working wall outlet. Try a different outlet.
- **No Picture/Sound:** Verify that the correct input source is selected. Check all cable connections (HDMI, antenna, etc.).
- **Remote Control Not Working:** Replace the AA batteries in the Magic Remote. Ensure there are no obstructions between the remote and the TV.
- **Screen Bending Mechanism Not Responding:** Ensure the TV is powered on and not in a low-power state. If the issue persists, power cycle the TV by unplugging it for a few minutes and then plugging it back in.
- **Network Connectivity Issues:** Check your Wi-Fi router or Ethernet cable. Try restarting your router.

For more detailed troubleshooting or issues not covered here, please refer to the comprehensive online support resources provided by LG or contact LG customer service.

## 7. SPECIFICATIONS

Feature	Specification
Brand	LG
Model Number	42LX3QPUA
Screen Size	42.1 Inches
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz
Response Time	0.1ms (GtG)
Aspect Ratio	16:9
Connectivity	Bluetooth, Ethernet, HDMI (4x HDMI 2.1), USB, Wi-Fi
Special Features	Bendable Screen, Wide Viewing Angle, Pixel Level Dimming, AI Picture Pro, AI 4K Upscaling, Cinema HDR, Dolby Vision IQ, Game App, Game Optimizer, Auto Low Latency Mode, Variable Refresh Rate (VRR), G-SYNC Compatible, FreeSync Premium, Cloud Gaming (NVIDIA GEFORCE Now), Ambient Lighting, Super Anti Reflection (SAR)
Speaker Type	Built-In (Dolby Atmos support)
Item Weight	49.8 Pounds
Product Dimensions (Flat)	11.7"D x 36.9"W x 29.6"H

Feature	Specification
Power Consumption (On-mode)	71 watts

## 8. WARRANTY AND SUPPORT

---

Your LG OLED Flex Smart TV is covered by LG's standard warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official LG website.

For technical support, product registration, or service inquiries, please contact LG Customer Service:

- **LG Support Website:** [www.lg.com/us/support](http://www.lg.com/us/support)
- **Phone Support:** Refer to the LG support website for regional contact numbers.

It is recommended to register your product online to receive important updates and support information.

---

© 2024 LG Electronics. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.