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> [LG B3 Series 55-Inch Class OLED Smart TV \(OLED55B3PUA\) Instruction Manual](#)

## LG OLED55B3PUA

# LG B3 Series 55-Inch Class OLED Smart TV (OLED55B3PUA) Instruction Manual

Model: OLED55B3PUA

[Introduction](#)   [What's in the Box](#)   [Setup](#)   [Operating](#)  
[Instructions](#)   [Maintenance](#)   [Troubleshooting](#)   [Specifications](#)   [Warranty & Support](#)

## 1. INTRODUCTION TO YOUR LG B3 SERIES OLED SMART TV

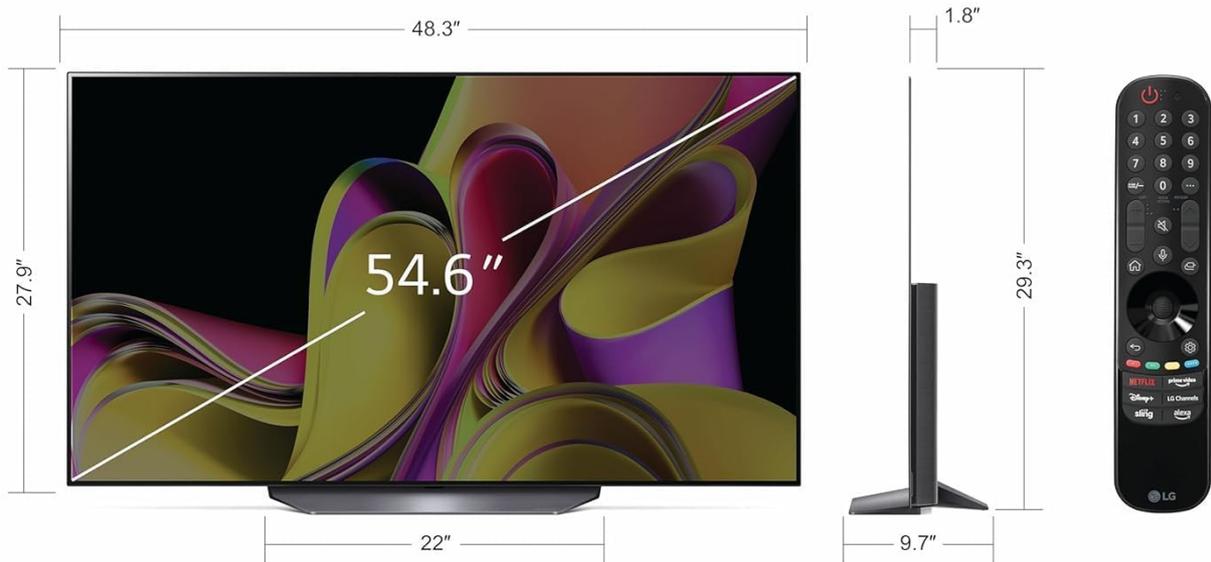
The LG B3 Series 55-Inch Class OLED Smart TV (Model OLED55B3PUA) offers a premium viewing experience with its self-lit OLED 4K display, delivering perfect blacks and vibrant colors. Powered by the  $\alpha 7$  AI Processor Gen6, this TV intelligently optimizes picture and sound. It features webOS 23 for streamlined streaming and access to a wide range of content, including fitness, sports, and entertainment. Enhanced with Dolby Vision and Dolby Atmos, it provides an immersive home theater experience. For gamers, the TV boasts a 120Hz refresh rate, 0.1ms response time, NVIDIA G-Sync, AMD FreeSync Premium, VRR, and four HDMI 2.1 inputs, ensuring ultimate gameplay performance.

# LG OLED

OLED55B3

# 55" Class

(54.6" Diag)



## Dimensions (Inches W x H x D)

48.3 x 27.9 x 1.8 (without stand)

48.3 x 29.3 x 9.7 (with stand)

22 x 9.7 (stand footprint)

## What's in the box

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

**Image 1.1:** Front view of the LG B3 Series 55-inch OLED Smart TV. The screen displays a vibrant, colorful image, highlighting the TV's picture quality. The TV is placed on a stand.

## 2. WHAT'S IN THE BOX

Upon unboxing your LG B3 Series OLED Smart TV, please ensure all the following components are present:

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



**Image 2.1:** A diagram illustrating the dimensions of the LG OLED55B3 TV, including width, height, and depth with and without the stand. It also shows the Magic Remote and lists the items included in the box: Magic Remote, Remote Control Batteries, Stand, Quick Start Guide, and Power Cable.

## 3. SETUP

### 3.1. Unpacking and Placement

1. Carefully remove the TV from its packaging. It is recommended to have at least two people for this process due to the size and delicate nature of the screen.
2. Choose a suitable location for your TV. Ensure it is on a stable, flat surface if using the stand, or securely mounted to a wall using a compatible VESA mount (sold separately).
3. Maintain adequate ventilation around the TV to prevent overheating.

### 3.2. Attaching the Stand (if applicable)

If you are using the included stand:

1. Place the TV screen-down on a soft, clean cloth to protect the screen.
2. Align the stand with the mounting holes on the back of the TV.
3. Secure the stand using the provided screws. Refer to the Quick Start Guide for detailed illustrations.

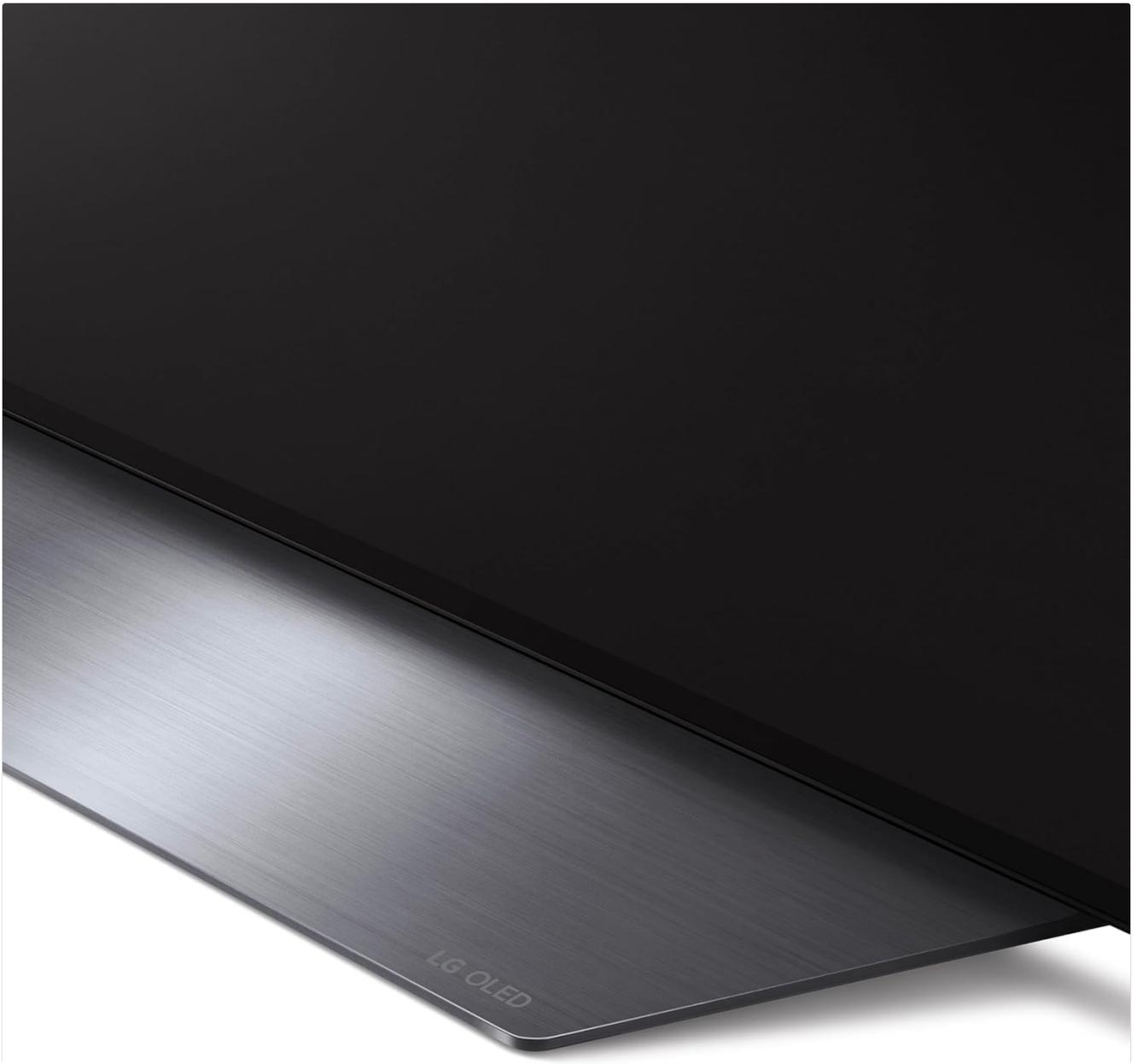


**Image 3.1:** A rear view of the LG B3 Series OLED TV. This image highlights the VESA mounting points for wall installation and provides a clear view of the various input and output ports located on the back panel.

### 3.3. Connecting Peripherals

Connect your external devices (cable box, Blu-ray player, gaming console, etc.) to the appropriate ports on the TV. The LG B3 Series features four HDMI 2.1 inputs for high-speed connections, ideal for gaming and 4K content.

- **HDMI Ports:** Use for high-definition video and audio devices.
- **USB Ports:** For connecting USB storage devices or other compatible accessories.
- **Optical Digital Audio Out:** For connecting to a soundbar or home theater system.
- **LAN Port:** For wired internet connection.



**Image 3.2:** A detailed close-up of the rear input ports on the LG B3 Series OLED TV. This view clearly shows the HDMI, USB, LAN, and optical digital audio out ports, indicating their placement and labels for easy connection of external devices.



**Image 3.3:** A detailed close-up of the side input ports on the LG B3 Series OLED TV. This image shows additional HDMI and USB ports conveniently located on the side for easier access when connecting temporary devices or accessories.

### 3.4. Power Connection

Plug the power cable into the TV's power input, then into a wall outlet. The TV will automatically power on or enter standby mode.

## 4. OPERATING INSTRUCTIONS

### 4.1. Initial Setup Wizard

The first time you power on your TV, an on-screen setup wizard will guide you through essential settings such as language, network connection (Wi-Fi or Ethernet), and channel tuning. Follow the prompts to complete the initial setup.

### 4.2. Using the Magic Remote

The LG Magic Remote allows for intuitive control of your TV. Point and click, use voice commands, or navigate with the scroll wheel. The remote features dedicated buttons for popular streaming services and quick access to settings.





MEZ06812530  
(REV.01)

USB IN  1

HDMI IN 2





**Image 4.1:** The LG Magic Remote control. This remote features a central scroll wheel, directional buttons, and dedicated buttons for popular streaming services like Netflix, Prime Video, Disney+, and LG Channels, along with voice assistant (Alexa) integration.

### 4.3. Smart TV Features (webOS 23)

Your LG B3 Series TV runs on webOS 23, offering a user-friendly interface for accessing apps, streaming content, and managing settings. Use Quick Cards to group your favorite apps for easy navigation. Explore LG Channels for over 300 free channels.

### 4.4. Picture and Sound Settings

Access the TV's settings menu to customize picture and sound. The  $\alpha 7$  AI Processor Gen6 automatically enhances content, but you can fine-tune settings like brightness, contrast, color, and clarity to your preference. Dolby Vision and Dolby Atmos provide optimized audio-visual performance for compatible content. FILMMAKER MODE ensures movies are displayed as intended by the director.

### 4.5. Gaming Features

For an optimal gaming experience, utilize the LG Game Dashboard and Game Optimizer. These features provide quick access to game-specific settings, including a 120Hz refresh rate, 0.1ms response time, NVIDIA G-Sync, AMD FreeSync Premium, and VRR support. The four HDMI 2.1 inputs ensure compatibility with the latest gaming consoles and PCs.

## 5. MAINTENANCE

### 5.1. Screen Cleaning

To clean the screen, gently wipe it with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with distilled water or a specialized screen cleaner. Avoid using harsh chemicals, abrasive materials, or excessive pressure, as these can damage the OLED panel.

### 5.2. General Care

- Keep the TV away from direct sunlight and heat sources.
- Ensure proper ventilation to prevent overheating.
- Avoid placing heavy objects on the TV or its stand.
- Unplug the TV during lightning storms or when it will be unused for extended periods.

### 5.3. Pixel Care (OLED Specific)

OLED TVs include features to protect against pixel degradation and image retention (burn-in). These typically include:

- **Pixel Refresher:** Automatically runs after a certain number of hours of use to refresh pixels.
- **Screen Shift:** Slightly moves the screen periodically to prevent static images from affecting pixels.

- **Logo Luminance Adjustment:** Detects static logos and reduces their brightness to minimize potential image retention.

It is recommended to allow these features to operate as designed and avoid displaying static images for very long durations at high brightness levels.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable disconnected; power outlet issue.	Ensure power cable is securely plugged into TV and outlet. Test outlet with another device.
No picture/sound	Incorrect input selected; external device off/disconnected.	Press the "Input" button on the remote to select the correct source. Check power and connections of external devices.
Remote control not working	Batteries depleted; obstruction; remote not paired.	Replace batteries. Remove obstructions. Re-pair Magic Remote (refer to Quick Start Guide).
Poor picture quality	Source quality; incorrect picture settings.	Check source resolution. Adjust picture settings (e.g., Picture Mode, Brightness, Contrast).
No internet connection	Wi-Fi signal weak; router issue; incorrect network settings.	Check Wi-Fi signal strength. Restart router. Reconfigure network settings on TV.

## 7. SPECIFICATIONS

Feature	Detail
Brand	LG
Model Number	OLED55B3PUA
Screen Size	55 Inches
Display Technology	OLED
Resolution	4K (3840 x 2160)
Refresh Rate	120 Hz (Native)

Feature	Detail
Processor	α7 AI Processor Gen6
Special Features	AI Picture, AI Upscaling, FILMMAKER MODE, Dolby Vision, Dolby Atmos, Dynamic Tone Mapping, Dimming Technology, HDR (High Dynamic Range), NVIDIA G-Sync, AMD FreeSync Premium, VRR, Game Dashboard, Game Optimizer
Connectivity Technology	Bluetooth, Wi-Fi, 4x HDMI 2.1, USB
Operating System	webOS 23
Item Weight	41 Pounds
Product Dimensions	2"D x 48"W x 28"H (without stand)

## 8. WARRANTY & SUPPORT

For detailed warranty information, 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 support through their official channels. Keep your purchase receipt and model number (OLED55B3PUA) handy for faster service.

Additional protection plans may be available for purchase from your retailer.