

LG 65NANO80A6A

LG 65NANO80A6A 65-inch NanoCell AI 4K Smart TV User Manual

Model: 65NANO80A6A

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your LG 65NANO80A6A 65-inch NanoCell AI 4K Smart TV. Please read this manual thoroughly before operating your television and retain it for future reference.

The LG 65NANO80A6A features a 65-inch 4K NanoCell display, powered by the $\alpha 7$ AI Processor 4K Gen8, offering enhanced picture and sound quality. It includes a Magic Remote for intuitive control and runs on the webOS operating system, providing access to various smart features and streaming services.

2. WHAT'S IN THE BOX

Verify that all components are present in the packaging. If any items are missing or damaged, contact your retailer.

- LG 65NANO80A6A 65-inch NanoCell AI 4K Smart TV
- Magic Remote Control (MR25)
- Power Cable
- TV Stand (Table Mount)
- Documentation (Quick Setup Guide, Regulatory Information)

Note: Batteries for the Magic Remote are typically not included and must be purchased separately.

3. SETUP

3.1. Stand Installation (Table Mount)

Carefully place the TV screen-down on a soft, flat surface to prevent damage. Attach the included stand components to the designated slots on the back of the TV using the provided screws. Ensure all screws are

tightened securely.

Image: Illustration of attaching the TV stand to the back of the television.



This image depicts the process of securing the table stand to the base of the LG 65NANO80A6A television using screws.

Wall Mounting: If you intend to wall-mount the TV, refer to the wall mount kit instructions (sold separately) and ensure proper ventilation and weight support. Remove the table stand before wall mounting.

3.2. Connecting External Devices

Connect your external devices such as cable boxes, Blu-ray players, gaming consoles, and sound systems to the TV's ports.

- **HDMI Ports:** The TV is equipped with 3 HDMI ports. Use HDMI cables to connect devices like gaming consoles or set-top boxes.
- **USB Ports:** Two USB ports are available for connecting USB storage devices for media playback or software updates.
- **Ethernet Port:** Connect an Ethernet cable for a stable wired internet connection.
- **Optical Digital Audio Out:** For connecting to an external sound system or soundbar.
- **Wi-Fi & Bluetooth:** The TV supports wireless connectivity for internet access and connecting compatible Bluetooth devices.

Image: Diagram showing the various input/output ports on the back of the TV.



This image displays the arrangement of connectivity ports on the rear panel of the LG 65NANO80A6A television.

3.3. Power Connection

After all external devices are connected, plug the power cable into the TV's power inlet and then into a wall outlet.

4. OPERATING YOUR TV

4.1. Initial Setup Wizard

Upon first power-on, the TV will guide you through an initial setup wizard. This includes language selection, network connection (Wi-Fi or Ethernet), channel tuning, and agreeing to terms and conditions. Follow the on-screen prompts.

4.2. Using the Magic Remote (MR25)

The Magic Remote allows for intuitive control using pointing, clicking, scrolling, and voice commands.

- **Pointing:** Point the remote at the TV screen to move the cursor.
- **Clicking:** Press the **OK** button to select items.
- **Scrolling:** Use the scroll wheel for quick navigation through menus and web pages.
- **Voice Command:** Press and hold the **Voice** button and speak into the remote to search for content or control TV functions.

Image: Layout of the LG Magic Remote MR25 with key functions highlighted.



This image displays the LG Magic Remote MR25, highlighting its various buttons for navigation and control.

4.3. webOS Smart Features

Your TV runs on webOS, providing a user-friendly interface for accessing smart features.

- **Home Dashboard:** Access connected devices, smart home appliances, and TV settings.
- **App Store:** Download and install various applications, including streaming services like Netflix, Prime Video, Disney Plus, and YouTube.
- **Web Browser:** Browse the internet directly from your TV.
- **AI Features:** Utilize AI Picture and AI Sound for optimized viewing and listening experiences. The TV also supports AirPlay 2 for screen mirroring from compatible Apple devices.

Video: Overview of webOS 25 features and navigation.

Your browser does not support the video tag.

This video provides a demonstration of the webOS 25 operating system, showcasing its interface, app access, and navigation features.

5. MAINTENANCE

- **Screen Cleaning:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner (do not spray directly onto the screen).
- **Cabinet Cleaning:** Use a soft, dry cloth to wipe the TV cabinet. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the TV's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Disconnect the power cable from the wall outlet during lightning storms or when the TV will be left unattended for extended periods.

6. TROUBLESHOOTING

Problem	Possible Solution
No power	Check if the power cable is securely plugged into both the TV and the wall outlet. Test the outlet with another device.
No picture, but sound is present	Ensure the correct input source is selected. Check cable connections (HDMI, etc.). Try restarting the TV.
No sound, but picture is present	Check the volume level and mute status. Verify audio output settings in the TV menu. Check external audio device connections.
Magic Remote not working	Replace batteries. Re-pair the remote by pointing it at the TV and pressing the Home and Back buttons simultaneously for 5 seconds.
Poor Wi-Fi connection	Move the router closer to the TV or use a wired Ethernet connection. Restart your router and TV.

If the issue persists after trying these solutions, please contact LG customer support.

7. SPECIFICATIONS

Model Name	65NANO80A6A
Screen Size	65 Inches
Display Technology	LED, NanoCell

Resolution	4K (3840 x 2160)
Processor	α7 AI Processor 4K Gen8
Operating System	webOS
HDR Support	HDR10 / HLG
Audio Output Power	20 Watts
Connectivity	3 x HDMI, 2 x USB, Ethernet, Optical, Wi-Fi, Bluetooth
Special Features	AI Picture, AI Sound, AirPlay 2, Magic Remote
Product Dimensions (D x W x H)	10.59"D x 57.24"W x 35.55"H
Item Weight	27.7 Kilograms
Model Year	2025

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official LG website. Warranty terms and conditions may vary by region.

If you encounter any issues that cannot be resolved using the troubleshooting guide, or for technical assistance, please contact LG customer support. Have your TV model number (65NANO80A6A) and serial number ready when contacting support.

LG Official Website: www.lg.com/us/support (or your regional LG website)