LG 43NANO80ASA

LG 43NANO80ASA 43-inch NanoCell UHD 4K Smart TV User Manual

Model: 43NANO80ASA

1. Introduction

This manual provides essential information for the safe and efficient use of your LG 43NANO80ASA 43-inch NanoCell UHD 4K Smart TV. Please read it thoroughly before operating the device and retain it for future reference.

The LG 43NANO80ASA features a 4K UHD NanoCell display, powered by the α7 AI Processor 4K Gen8, offering enhanced picture and sound quality. It operates on webOS 25 and includes a Magic Remote for intuitive control, along with support for Google Assistant, ThinQ AI, and Apple Airplay2.

2. Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Do not expose the TV to rain or moisture.
- Ensure proper ventilation to prevent overheating.
- Do not block ventilation openings with items like newspapers, table-cloths, or curtains.
- Avoid placing the TV on unstable surfaces.
- Unplug the power cord during lightning storms or when unused for long periods.
- Do not open the TV cabinet; refer all servicing to qualified personnel.

3. Package Contents

Verify that all items are present in the box:

- LG 43NANO80ASA 43-inch NanoCell UHD 4K Smart TV
- Magic Remote

- Remote Control Batteries
- Power Cable
- Stand (if applicable)
- Documentation (Quick Setup Guide, Warranty Card)

4. Setup

4.1 Unpacking and Placement

Carefully remove the TV from its packaging. Place the TV on a stable, flat surface or mount it on a wall using a compatible VESA mount (sold separately). Ensure adequate space around the TV for ventilation.



Figure 4.1: Front view of the LG 43NANO80ASA TV.



Figure 4.2: Side view of the LG 43NANO80ASA TV, showing its slim profile.

4.2 Connecting Devices

Connect your external devices (e.g., cable box, Blu-ray player, gaming console) to the appropriate ports on the back of the TV. The LG 43NANO80ASA includes 3 HDMI inputs (supporting eARC and ALLM) and USB ports.



Figure 4.3: Rear view of the LG 43NANO80ASA TV, highlighting the input/output ports.

4.3 Power Connection

Plug the power cable into the TV's power input, then into a wall outlet. The TV is designed for 240V power supply.

4.4 Initial Setup Wizard

Upon first power-on, the TV will guide you through an initial setup process. This includes language selection, network connection (Wi-Fi or Ethernet), channel scanning, and agreeing to terms and conditions for Smart TV features.

5. Operating Your TV

5.1 Magic Remote

The included Magic Remote allows for intuitive control using point, click, scroll, and voice commands. Point the remote at the screen to move the cursor, use the scroll wheel for navigation, and press the microphone button for voice commands.

5.2 Basic Functions

- **Power:** Press the power button to turn the TV on or off.
- **Volume:** Use the volume up/down buttons to adjust audio levels.
- **Channels:** Use the channel up/down buttons to change channels or enter channel numbers directly.
- **Home:** Press the Home button to access the webOS 25 Smart TV interface.

5.3 Smart TV Features (webOS 25)

Your LG TV runs on webOS 25, providing access to a wide range of streaming apps, live TV, and connected devices. Navigate the Home Dashboard to find content, manage settings, and access connected smart home devices.

5.4 AI Features

The α7 AI Processor 4K Gen8 optimizes picture and sound quality in real-time. AI Sound Pro provides virtual 9.1.2 channel up-mixing for an immersive audio experience. Utilize Google Assistant and LG ThinQ AI for voice control, smart home integration, and personalized recommendations. Apple Airplay2 allows seamless streaming from Apple devices.

6. Maintenance

6.1 Cleaning the TV

Before cleaning, unplug the power cord. Use a soft, dry cloth to wipe the screen and TV cabinet. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.

6.2 Software Updates

Ensure your TV's software is up-to-date for optimal performance and security. You can usually check for updates in the TV's settings menu under 'General' or 'Support'.

7. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Solution
No power	Check if the power cord is securely plugged into the TV and the wall outlet. Ensure the outlet is functional.
No picture, but sound is present	Check the input source. Ensure all cables are connected correctly. Try restarting the TV.
No sound, but picture is present	Check the volume level and mute settings. Verify audio output settings in the TV menu.
Remote control not working	Replace the batteries. Ensure there are no obstructions between the remote and the TV. Re-pair the Magic Remote if necessary.
Wi-Fi connection issues	Restart your router and modem. Check Wi-Fi settings on the TV and ensure the password is correct.

For more complex issues, consult the full electronic manual available through the TV's help menu or contact LG customer support.

8. Specifications

Key technical specifications for the LG 43NANO80ASA 43-inch NanoCell UHD 4K Smart TV:

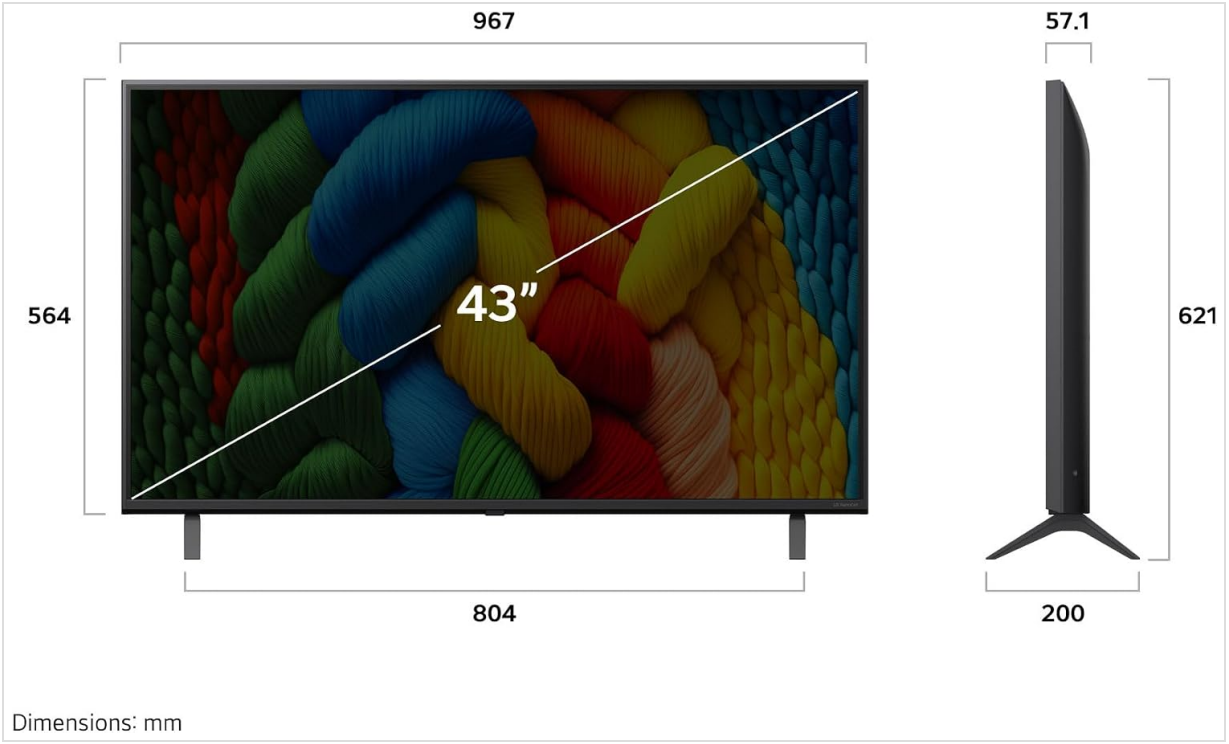


Figure 8.1: Dimensions of the LG 43NANO80ASA TV.

Feature	Detail
Model Name	43NANO80ASA
Display Technology	4K UHD NanoCell
Screen Size	43 Inches
Resolution	3840 x 2160 (4K)
Processor	α7 AI Processor 4K Gen8
Operating System	webOS 25
Refresh Rate	60 Hz
AI Sound	α7 AI Sound Pro (Virtual 9.1.2 Up-mix)
HDMI Input	3ea (supports eARC, ALLM)
Connectivity	Bluetooth, HDMI, USB, Wi-Fi
Special Features	Smart TV Features, HDR Support (HDR10/HLG), VRR
Voltage	240V
Product Dimensions (WxDxH)	96.7 x 20 x 62.1 cm
Weight	Approx. 11.3 kg

9. Warranty and Support

This product comes with a 3-year manufacturer warranty. For warranty claims, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official LG support

website. Keep your proof of purchase for warranty validation.
For additional information and support, please visit the LG Store on Amazon.