LG 43NANO82T6B

LG 43NANO82T6B 43-inch 4K NanoCell Smart TV User Manual

Model: 43NANO82T6B

Introduction

This manual provides essential instructions for the safe and efficient use of your LG 43NANO82T6B 43-inch 4K NanoCell Smart TV. Please read this manual thoroughly before operating your TV and retain it for future reference. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

1. Setup Guide

1.1 Unboxing and Inspection

Carefully remove the TV from its packaging. Inspect the TV and all accessories for any signs of damage. Ensure all components listed in the packing list are present. Keep the packaging materials for future transport or service needs.

1.2 Stand Assembly

If using the included stand, attach it to the TV following these steps:

1. Place the TV screen-down on a soft, flat surface to prevent scratches.
2. Align the stand base with the mounting holes on the bottom of the TV.
3. Secure the stand using the provided screws. Ensure all screws are tightened firmly.



Figure 1.1: Side view of the LG 43NANO82T6B TV with its stand assembled. This image illustrates the TV's slim profile and the design of the attached stand.

1.3 Wall Mounting (Optional)

For wall mounting, use a VESA-compliant wall mount kit (sold separately). The TV supports a VESA standard of 200x200 mm. Refer to the wall mount kit's instructions for proper installation. Ensure the wall can support the weight of the TV and the mount.

1.4 Connecting External Devices

Before making any connections, ensure the TV and all external devices are powered off.

- **Power Connection:** Connect the power cord to the TV's power input and then to a wall outlet.
- **HDMI Devices:** Connect Blu-ray players, game consoles, or set-top boxes to the HDMI ports using HDMI cables. This TV features 3 HDMI ports.
- **Antenna/Cable:** Connect an antenna or cable TV signal to the 'ANTENNA IN' port for DVB-T2, DVB-C, DVB-S, or DVB-S2 reception.
- **Ethernet (LAN):** For a stable wired internet connection, connect an Ethernet cable from your router to the TV's LAN port.
- **USB Devices:** Connect USB storage devices for media playback or software updates to the USB port. This TV features 1 USB port.



Figure 1.2: Rear view of the LG 43NANO82T6B TV, displaying the arrangement of HDMI, USB, LAN, and antenna input ports. This image helps identify where to connect your external devices.

2. Operating Instructions

2.1 Powering On/Off

To power on the TV, press the power button on the remote control or the power button located on the TV. To power off, press the power button on the remote control again.

2.2 Initial Setup

Upon first power-on, the TV will guide you through an initial setup process. This includes selecting your language, connecting to a Wi-Fi network (or using the wired Ethernet connection), scanning for available channels, and agreeing to terms and conditions for Smart TV features.

2.3 Remote Control Functions

Use the remote control to navigate the TV's interface. Key functions include:

- **Power Button:** Turns the TV on or off.
- **Number Buttons:** Directly select channels.
- **Volume Up/Down:** Adjusts the sound level.
- **Channel Up/Down:** Changes channels sequentially.
- **Input Button:** Switches between different input sources (HDMI, TV, USB).
- **Home Button:** Accesses the Smart TV (webOS) home screen.
- **Navigation Buttons (Arrows) and OK:** Navigate menus and confirm selections.

2.4 Smart TV Features (webOS)

Your LG 43NANO82T6B is equipped with webOS, providing access to a wide range of streaming services and applications. Press the **Home** button on your remote to access the webOS launcher bar. From here, you can launch apps, manage settings, and browse content.



Figure 2.1: An illustration of the webOS Re:New Program, highlighting the continuous smart experience and software updates provided by the LG TV. This indicates the TV's commitment to evolving smart features.

2.5 Input Selection

To switch between connected devices (e.g., a game console on HDMI 1, a cable box on HDMI 2, or the built-in TV tuner), press the **Input** button on your remote control and select the desired source from the on-screen menu.

2.6 Channel Tuning

After connecting an antenna or cable, perform an automatic channel scan through the TV's settings menu to find and store available channels. You can also manually tune channels if required.





Figure 2.2: Front view of the LG 43NANO82T6B TV, showcasing its vibrant NanoCell display with rich colors. This image represents the visual quality users can expect during operation.



Figure 2.3: A diagram illustrating the LG α5 Gen7 4K AI Processor, which optimizes audio and visual content based on what is being watched. This processor enhances the overall viewing and listening experience.

3. Maintenance

3.1 Cleaning the TV

- **Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, slightly dampen the cloth with water or a specialized screen cleaner. Do not spray liquid directly onto the screen.
- **Body:** Wipe the TV's frame and stand with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

3.2 Software Updates

Periodically check for software updates to ensure your TV has the latest features and performance improvements. You can usually find this option in the TV's settings menu under 'Support' or 'About This TV'. Ensure your TV is connected to the internet before checking for updates.

4. Troubleshooting

If you encounter issues with your TV, refer to the following common solutions before contacting customer support:

- **No Power:** Ensure the power cord is securely connected to both the TV and the wall outlet. Try plugging another device into the same outlet to confirm it is working.
- **No Picture or Sound:** Verify that the correct input source is selected. Check all HDMI or AV cables for secure connections. Ensure the volume is not muted or set to zero.
- **Poor Picture Quality:** Check the antenna or cable connection. If using an external device, try a different HDMI cable or port. Adjust picture settings (brightness, contrast, sharpness) in the TV menu.
- **Smart TV Features Not Working:** Confirm your TV is connected to the internet (Wi-Fi or Ethernet). Restart your router and the TV. Check for any pending software updates.
- **Remote Control Not Responding:** Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the TV's IR sensor.

5. Technical Specifications

Brand	LG
Model Name	43NANO82T6B
Screen Size	43 inches (109.2 cm)
Resolution	3840 x 2160 pixels (4K Ultra HD)
Display Technology	NanoCell
Backlight Type	Direct-LED
Smart TV	Yes (webOS)
Native Aspect Ratio	16:9
Digital Signal Format	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2
Connectivity	Wi-Fi, Ethernet
HDMI Ports	3
USB Ports	1

Refresh Rate	120 Hz
Special Features	NanoCell Display, Smart TV functionalities
Mounting Type	Wall Mountable

6. Warranty Information

Warranty information for the LG 43NANO82T6B TV is not available in this document. Please refer to the warranty card included with your purchase, your sales receipt, or visit the official LG website for detailed warranty terms and conditions applicable to your region.

7. Customer Support

For further assistance, technical support, or service inquiries regarding your LG 43NANO82T6B TV, please visit the official LG support website or contact their customer service department. Have your model number (43NANO82T6B) and serial number ready when contacting support.
LG Official Website: www.lg.com

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