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LG 55SM8600PUA

LG 55SM8600PUA Nano 8 Series 55" 4K Ultra HD Smart LED NanoCell TV Instruction Manual

Model: 55SM8600PUA

1. Product Overview

The LG 55SM8600PUA Nano 8 Series 55" 4K Ultra HD Smart LED NanoCell TV delivers an exceptional viewing experience. Featuring a Nano Cell Display, it ensures superior picture quality with Nano Accuracy for lifelike visuals and Nano Color for a broad spectrum of vibrant colors. Powered by LG's α7 Gen 2 Intelligent Processor, content is enriched with enhanced picture and sound. Local dimming control optimizes light levels for improved contrast. Enjoy premium audio and visual experiences with Dolby Vision and Dolby Atmos integration. This LG AI TV includes LG ThinQ AI, Google Assistant, and Alexa built-in for intelligent voice control and smart home integration.



Image 1.1: Front view of the LG 55SM8600PUA NanoCell TV.

2. What's in the Box

Upon unboxing your LG 55SM8600PUA NanoCell TV, please ensure all the following components are present:

- LG 55SM8600PUA NanoCell TV Display
- Power Cable
- Quick Start Guide
- Remote Control
- 2 AA batteries for Remote Control
- E-Manual (pre-loaded on TV)

Video 2.1: Official LG TV Unboxing Guide. This video demonstrates the unboxing process and included components for an LG TV.

3. Setup Instructions

3.1 Stand Assembly

Carefully place the TV screen-down on a soft, flat surface. Attach the stand to the designated slots on the bottom of the TV using the provided screws. Ensure the stand is securely fastened before proceeding.

3.2 Wall Mounting

The LG 55SM8600PUA is compatible with standard VESA wall mounts. Refer to your wall mount's instructions for proper installation. Ensure the wall mount can support the TV's weight of approximately 41.2 pounds. The TV dimensions without the stand are 48.5"W x 28.2"H x 2.5"D.



Image 3.1: Side profile of the LG 55SM8600PUA NanoCell TV, highlighting its slim design.



Image 3.2: Diagram showing the dimensions of the LG 55SM8600PUA NanoCell TV with and without stand.

3.3 Connecting Devices

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the HDMI ports on the back of the TV. The TV features multiple HDMI ports, USB ports, Ethernet, and optical audio out. Ensure all cables are securely connected.



Image 3.3: Close-up of the back panel of the LG 55SM8600PUA NanoCell TV, showing various input and output ports.

4. Operating Instructions

4.1 Initial Setup and Smart Features

Upon first power-on, follow the on-screen prompts to connect to your Wi-Fi network and set up LG ThinQ AI. This will enable access to smart features, streaming apps, and voice control via Google Assistant and Alexa.

Video 4.1: LG AI TV Alexa Education. This video demonstrates how to set up and use Alexa voice control on your LG AI TV.

Video 4.2: LG TV AirPlay. This video illustrates how to use AirPlay with your LG TV for seamless content sharing from Apple devices.

4.2 Picture and Sound Settings

Access the TV's settings menu to customize picture and sound modes. Optimize your viewing experience with various picture modes (e.g., Dynamic, Standard, Eco, Movie, Filmmaker Mode) and enhance audio with Dolby Atmos and WiSA Speaker Compatibility.

Video 4.3: LG TV Picture Setting. This video guides you through adjusting picture settings for optimal viewing.

Video 4.4: LG TV Sound Bar. This video explains how to connect and optimize sound with an LG Sound Bar.

5. Key Features

- **Nano Cell Display:** Experience better picture quality with Nano Accuracy for lifelike visuals and Nano Color for a wide color spectrum.
- **α7 Gen 2 Intelligent Processor:** LG's powerful processor enhances images, action, and color, improving overall picture quality with AI at its core.
- **Dolby Vision & Dolby Atmos:** Transform your entertainment with advanced image and sound technologies, optimizing picture and sound for a spectacular, immersive experience.
- **LG ThinQ AI with Google Assistant & Alexa:** The world's most intelligent TV with built-in voice control for seamless interaction and smart home management.
- **AirPlay 2:** Effortlessly cast content from your Apple iPhone or laptop directly to your LG AI TV.
- **WiSA Speaker Compatibility:** Seamlessly integrates with WiSA speakers for high-fidelity wireless audio, enhancing cinematic sound (Transmitter dongle required, sold separately).

Video 5.1: LG NanoCell TV Video. This video highlights the visual benefits of NanoCell technology.

Video 5.2: LG AI TV. This video showcases the artificial intelligence features and capabilities of LG AI TVs.

6. Maintenance

To ensure the longevity and optimal performance of your LG NanoCell TV, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, dry microfiber cloth. For stubborn smudges, lightly dampen the cloth with water or a specialized screen cleaner (avoid harsh chemicals).
- **Cleaning the Frame:** Use a soft, dry cloth to wipe the TV frame.
- **Ventilation:** Ensure the TV's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Unplug the TV from the power outlet during lightning storms or when it will be left unattended for long periods.

7. Troubleshooting

If you encounter issues with your LG NanoCell TV, try the following troubleshooting steps:

- **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/Sound:** Ensure the correct input source is selected. Check all cable connections between the TV and external devices. Restart the TV and connected devices.
- **Remote Control Not Working:** Replace the batteries (2 AA). Ensure there are no obstructions between the remote and the TV's sensor.
- **Network Connection Issues:** Verify your Wi-Fi password. Restart your router and modem. Check the TV's network settings.
- **Picture Quality Issues:** Adjust picture settings (e.g., brightness, contrast, sharpness) in the TV menu. Ensure you are viewing high-quality content (4K content will look best).

8. Specifications

Feature	Specification
Brand	LG
Model Number	55SM8600PUA
Screen Size	55 Inches
Display Technology	NanoCell
Resolution	4K Ultra HD (3840 x 2160)
Refresh Rate	120 Hz
Processor	α7 Gen 2 Intelligent Processor
Smart TV Platform	LG ThinQ AI
Voice Assistants	Google Assistant, Alexa (Built-in)
HDR Support	Dolby Vision
Audio Technology	Dolby Atmos, WiSA Speaker Compatibility
Connectivity	Bluetooth, Ethernet, HDMI, USB, Wireless
Dimensions (W/ Stand)	48.5"W x 30.9"H x 10.4"D
Dimensions (W/o Stand)	48.5"W x 28.2"H x 2.5"D
Item Weight	41.2 Pounds

9. Warranty and Support

For warranty information, technical support, or service inquiries, please visit the official LG Electronics website or contact LG customer support directly. Refer to the product registration card included in your packaging for specific warranty terms and conditions.

Online Support: Visit the LG Store on Amazon

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