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> [LG NanoCell 80 Series 65" 4K Smart TV \(65NANO80UPA\) Instruction Manual](#)

## LG 65NANO80UPA

# LG NanoCell 80 Series 65" 4K Smart TV (65NANO80UPA) Instruction Manual

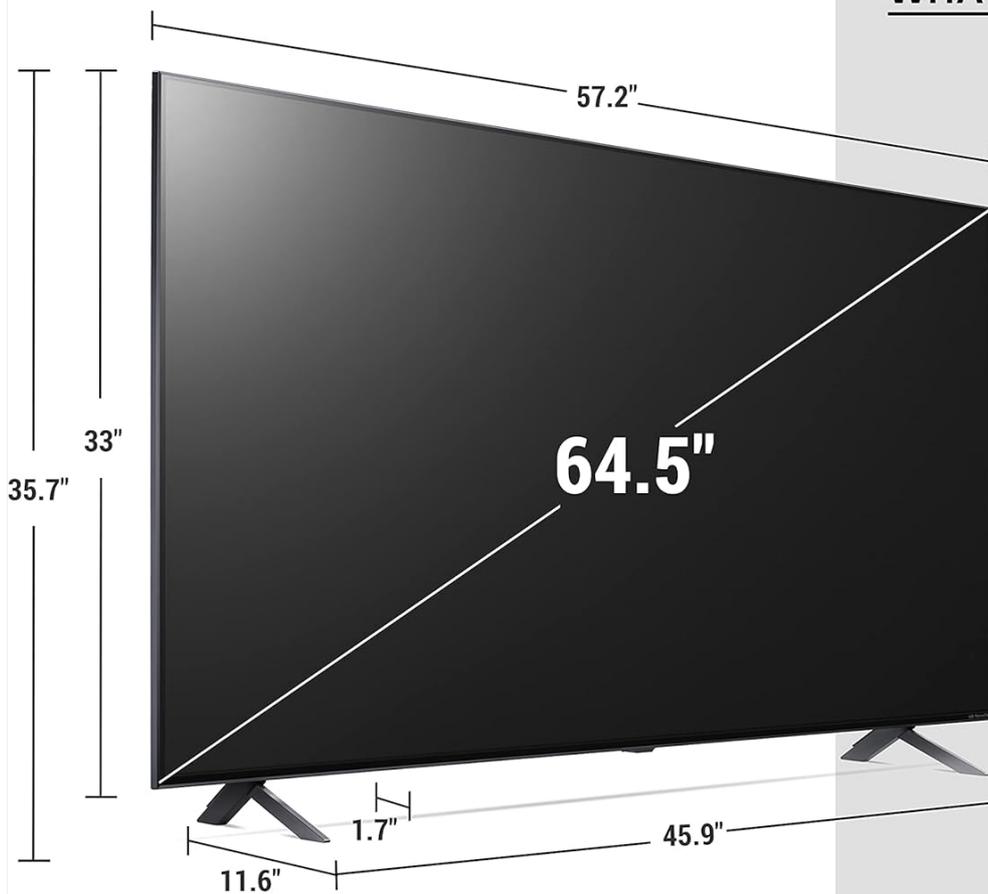
Model: 65NANO80UPA

## 1. SETUP

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### 1.1 Unboxing and Stand Installation

Carefully unbox your LG NanoCell TV. Ensure all packing materials and components are removed. It is recommended to have two people for safe handling due to the size and weight of the television.



## WHAT'S IN THE BOX:

- 65" TV with Stand
- User Manual
- Power Cable
- LG Magic Remote



### DIMENSIONS (INCHES W x H x D):

Without stand: 57.2 x 33 x 1.7

With stand: 57.2 x 35.7 x 11.6

Stand footprint: 45.9 x 2.7 x 9.9

Figure 1.1: LG NanoCell TV dimensions and included components.

To install the stand, place the TV face down on a soft, clean surface to prevent scratches. Attach the base stands to the designated slots on the bottom of the TV using the included screws. Refer to the quick start guide for specific screw types and locations.

Video 1.1: Unboxing and initial setup of an LG NanoCell TV, demonstrating how to safely remove the TV from its packaging and attach the stand.

## 1.2 Wall Mounting

If you prefer to wall mount your TV, ensure you purchase a VESA-compatible wall mount that can support the weight of your specific TV model. Follow the mounting instructions provided with your wall mount. For detailed VESA measurements, consult the LG website or your TV's e-manual.

Video 1.2: Guide to unboxing and setting up an LG NanoCell TV, including instructions for stand installation and wall mounting considerations.

## 1.3 Connecting Inputs

Connect your external devices (e.g., cable box, gaming console, Blu-ray player) to the appropriate HDMI, USB, or

other input ports on the back or side of the TV. Secure cables to keep them organized and out of the way.



Figure 1.2: Rear input ports for connecting external devices.

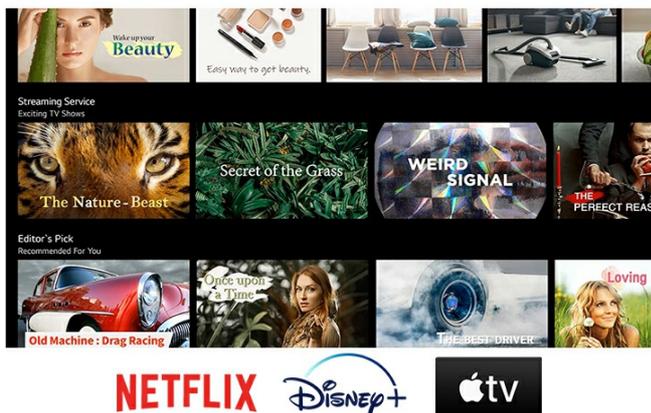
## 1.4 Initial Setup

After connecting all necessary cables and plugging in the TV, power it on using the remote control. The TV will guide you through a step-by-step initial setup process, including connecting to your TV service, internet, and other connected devices.

## 2. OPERATING THE TV

### 2.1 Smart TV Features (webOS & Apps)

The LG NanoCell TV runs on the webOS platform, offering easy access to a wide range of streaming services and apps like Netflix, Prime Video, Disney+, Apple TV+, Hulu, and LG Channels. The intuitive interface allows for personalized content suggestions and control of connected devices.



### Think you know smart? Think again.

LG ThinQ is here to maximize your TV experience. Choose your favorite voice assistant and control your TV with your voice with an all new home screen to provide more convenience and control.

LG ThinQ AI  Hey Google 

\*Some features require 3rd party subscription or account. \*\*Google is a trademark of Google LLC.

Figure 2.1: LG webOS home screen with integrated AI and streaming services.

## 2.2 Magic Remote and Voice Control

The included Magic Remote provides point, click, and scroll functionality, along with voice control. This allows for quick navigation, content search, and control of your LG smart products and other smart home devices via Google Assistant and Alexa built-in.



Figure 2.2: The LG Magic Remote highlighting its interactive features.

## 2.3 Screen Mirroring and AirPlay

Easily share content from your mobile devices to the big screen using screen mirroring or Apple AirPlay 2. This feature allows you to display photos, videos, or even workout routines from your phone directly on the TV.

## 2.4 Picture Modes and Quality

The Real 4K NanoCell Display with a Quad Core Processor 4K delivers bright, vivid colors and deep blacks through local dimming. Features like Active HDR and Filmmaker Mode™ enhance the viewing experience, ensuring content is displayed as intended by creators. The processor also provides 4K upscaling for lower resolution content.

### Discover NanoCell Brilliance

Bring your favorite shows to life with bright, vivid NanoCell. Local dimming brings you deep blacks and more balanced lighting. And with Nano Color, you'll see natural, lifelike picture enhanced by a billion rich colors.

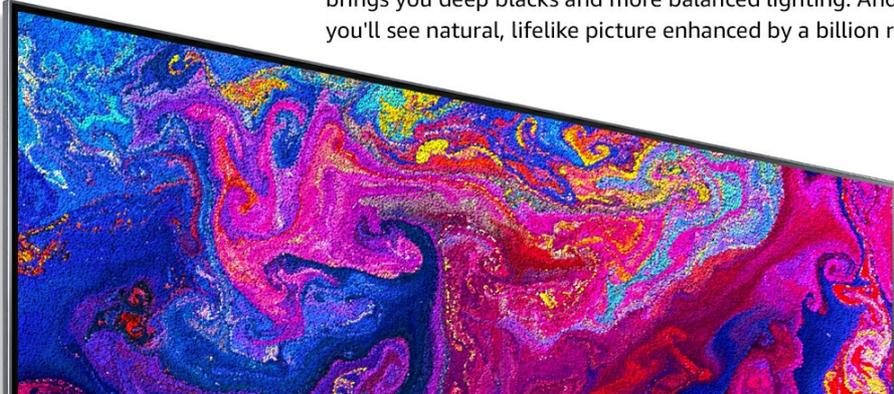
A close-up view of a NanoCell display showing a vibrant, abstract pattern of colors including deep blues, purples, pinks, and yellows, demonstrating the display's color accuracy and local dimming capabilities.

Figure 2.3: NanoCell display showcasing vibrant colors.



## Quad Core Processor 4K Enhance Every Scene

Our Quad Core Processor 4K gives you a smooth, crisp viewing experience with enhanced contrast, color and blacks.



Noise Reduction



Dynamic Color



Upscaling

Figure 2.4: Quad Core Processor 4K features for enhanced picture quality.



## FILMMAKER MODE See the director's vision come to life

See exactly what directors envisioned. Filmmaker Mode™ is a setting that respects the craft. It translates a director's cinematic vision to your TV with automatic picture and processor settings and brings true authenticity.

Figure 2.5: Filmmaker Mode™ for authentic cinematic viewing.

## 2.5 Sound Features

The TV features a 2.0 Channel 20W speaker system with Down Firing speakers. It supports AI Sound and TV Sound Mode Share. For an enhanced audio experience, the TV is Bluetooth Surround Ready, allowing connection of a single compatible Bluetooth speaker or up to two speakers, including LG XBOOM Speakers, wirelessly.



## Bluetooth Surround Ready Instant surround sound via Bluetooth

Wireless surround sound has never been easier. Connect any single compatible Bluetooth speaker or up to two speakers\*, including LG XBOOM Speakers, for a true surround sound experience – without wires.

\*Speakers sold separately. \*Connections Available: LG PK7/7W/5/5W, PL7/5, PN7/5, RL3, RM2, RN9/7/5, ON9/7/5

Figure 2.6: Bluetooth Surround Ready feature for wireless audio.

## 2.6 Gaming Features

The LG NanoCell TV is optimized for gaming with features like Game Optimizer, Auto Low-Latency Mode (ALLM), and HGIG. Game Optimizer provides easy access to all your game settings for a smooth and responsive gaming experience.

Video 2.1: LG OLED Ultimate Gaming highlights the TV's capabilities for an immersive gaming experience.



### Game Optimizer Level up to smooth gaming

Gameplay goes even further with Game Optimizer which gives you easier access to all your game settings.

Figure 2.7: Game Optimizer menu for customizing gaming settings.

## 2.7 Sports Alert

With Sports Alert, you can set your favorite teams and players to receive updates before, during, and after games, even when watching other content. This ensures you never miss important moments.



### Sports Alert

Sports fans have a new way to stay informed. Sports Alert\* gives updates on your favorite teams, start times, and scores — even while you're watching other content. Easily switch to games without searching for the channel. NFL, NBA, MLB, NHL, Premier League and more — it's all here.

\*Usage may vary by country.

Figure 2.8: Sports Alert feature providing real-time game updates.

## 3. MAINTENANCE

### 3.1 Cleaning the TV

To clean the screen, gently wipe it with a soft, dry, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a screen-cleaning solution specifically designed for electronics. Avoid using harsh chemicals, abrasive cleaners, or spraying liquid directly onto the screen.

### 3.2 General Care

Avoid placing heavy objects on the TV or exposing it to direct sunlight or extreme temperatures. Ensure proper ventilation around the TV to prevent overheating. When moving the TV, always lift it with at least two people and handle it carefully to prevent damage to the screen or frame.

## 4. TROUBLESHOOTING

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If you encounter any issues with your LG NanoCell TV, please refer to the comprehensive e-manual available on the TV's interface or the LG support website. Common issues such as no picture, no sound, or remote control problems are typically addressed with simple solutions found in the e-manual. For persistent problems, contact LG customer support.

## 5. SPECIFICATIONS

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Feature	Specification
Model Name	NanoCell 80 Series
Display Type	Real 4K NanoCell Display
Display Resolution	4K Ultra HD (3,840 x 2,160)
Screen Size	65 Inches
Refresh Rate	TruMotion 120 (60Hz Native)
Picture Processor	Quad Core Processor 4K
Operating System	webOS
Voice Assistants	Google Assistant, Alexa Built-in
Speaker System	2.0 Channel
Output Power	20W
Connectivity	Wi-Fi Certified 802.11ac, Bluetooth v5.0
HDMI Input (HDCP 2.2)	4 (side)
USB Ports (v 2.0)	1 (rear) / 1 (side)
TV Dimensions with Stand (WxHxD)	57.2" x 35.7" x 11.6"
TV Weight with Stand	54.9 lbs
VESA Mounting (W x H)	300 x 300

## 6. WARRANTY & SUPPORT

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### 6.1 Limited Warranty

This product comes with a limited warranty. For full details on the limited warranty, please refer to the support tab on the LG website or the included User Manual. Warranty terms and conditions may vary.

## 6.2 Customer Support

For further assistance, technical support, or service inquiries, please visit the official LG website or contact LG customer support directly. The e-manual provides detailed information and troubleshooting guides.