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> SAMSUNG 57" Odyssey Neo G9 (G95NC) Series Dual 4K UHD 1000R Curved Gaming Monitor Instruction Manual

## SAMSUNG LS57CG952NNXZA

# SAMSUNG 57" Odyssey Neo G9 (G95NC) Series Dual 4K UHD 1000R Curved Gaming Monitor Instruction Manual

Model: LS57CG952NNXZA

Brand: SAMSUNG

## 1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your SAMSUNG 57" Odyssey Neo G9 (G95NC) Series Dual 4K UHD 1000R Curved Gaming Monitor. This monitor features a 57-inch Dual UHD resolution display, a 1000R curvature, a 240Hz refresh rate, and a 1ms response time, enhanced by Quantum Mini-LED technology and DisplayHDR 1000. It also supports AMD FreeSync Premium Pro for a smooth visual experience.



Image: Front view of the Samsung 57-inch Odyssey Neo G9 curved monitor, showcasing its wide display and sleek design.

## 2. SAFETY INFORMATION

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Please read and follow these safety precautions to prevent damage to your monitor and ensure your personal safety.

- **Power Source:** Use only the power cord and adapter supplied with the monitor. Ensure the power outlet is properly grounded.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow.
- **Liquid Exposure:** Keep the monitor away from water and other liquids. Do not operate with wet hands.
- **Cleaning:** Disconnect the power cord before cleaning. Use a soft, dry cloth. Avoid liquid or aerosol cleaners.
- **Placement:** Place the monitor on a stable, level surface. Avoid direct sunlight, heat sources, and excessive dust.
- **Servicing:** Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your product package:

- SAMSUNG 57" Odyssey Neo G9 Monitor
- Power Cable
- HDMI Cable
- USB Cable
- DisplayPort Cable
- Quick Setup Guide

## 4. SETUP

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### 4.1. Assembling the Stand

1. Carefully remove the monitor from its packaging, keeping it protected.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place.
3. Attach the stand base to the stand neck and tighten the screw(s) as indicated in the quick setup guide.
4. Place the assembled monitor on a stable and level desk surface.

### 4.2. Connecting to Devices

The monitor provides various input options. Refer to the diagram below for port locations.



Image: Rear view of the monitor with labeled input ports including DC 20V, HDMI IN (120Hz), HDMI IN, DisplayPort IN, USB 3.0 X2, and PC IN X2.

- **Power Connection:** Connect the power cable to the monitor's DC 20V port and then to a power outlet.
- **DisplayPort Connection:** For optimal performance, especially at 240Hz and Dual UHD resolution, connect your PC using the supplied DisplayPort 2.1 cable to the DisplayPort IN on the monitor. Ensure your graphics card supports DP 2.1 (UHBR 13.5 and above).
- **HDMI Connection:** Connect devices using HDMI cables to the HDMI IN ports. Note that HDMI 2.1 (FRL 12Gbps) is required for full DUHD and 240Hz support.
- **USB Hub:** Connect the supplied USB cable from your PC to the monitor's USB upstream port (PC IN) to enable the USB 3.0 ports on the monitor for peripherals.

### 4.3. Initial Power On

After connecting all necessary cables, press the power button located on the bottom center of the monitor to turn it on. The monitor will automatically detect the input source.

## 5. OPERATING INSTRUCTIONS

### 5.1. On-Screen Display (OSD) Menu Navigation

The OSD menu is controlled via a joystick button located on the bottom center of the monitor. Press the joystick to access the main menu, then move it up/down/left/right to navigate and select options.

### 5.2. Picture-by-Picture (PBP) and Picture-in-Picture (PIP)

The monitor supports displaying content from multiple sources simultaneously.



## The pinnacle of video visuals

An unrivaled visual experience. Revolutionary Quantum Matrix Technology with Quantum Mini LEDs creates controlled brightness and improved contrast for refined definition. 2,392 local dimming zones combine with the highest 12-bit black levels to create unmatched picture quality.



Image: The monitor in Picture-by-Picture mode, showing three distinct PC inputs simultaneously for enhanced multitasking.

- **PBP:** Allows you to view video from two or more sources side-by-side in their native resolution. Access this feature through the OSD menu.
- **PIP:** Displays a secondary source in a smaller window on top of the main display. The size and position of the PIP window can be adjusted.

### 5.3. Auto Source Switch+

This feature automatically detects when a connected device is turned on and switches the monitor's input to that new source signal. This streamlines the process of switching between multiple connected devices.

VESA CERTIFIED  
DisplayHDR™ 1000

## Catch the detail, defeat your enemies

See every detail in all its glory. From gloomy shadows to sun-scorched scenes, 1,000 nit peak brightness and 1,000,000:1 contrast ratio enable enhanced color expression and depth. Spot enemies hiding in dark corners, giving you the competitive edge needed for a win.



Image: A diagram demonstrating Auto Source Switch+, where the monitor automatically detects and switches to a newly activated input source.

### 5.4. CoreSync & Core Lighting+

The monitor features customizable rear lighting. CoreSync technology projects the on-screen colors into your real-world environment, enhancing immersion. Core Lighting+ adds ambient lighting to your setup.

# Why Samsung

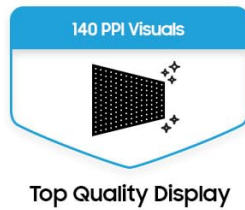


Image: The rear of the monitor showcasing the Core Lighting+ feature, which casts ambient light onto the wall behind the display.

## 6. DISPLAY FEATURES

### 6.1. Dual UHD Resolution (7680x2160)

The 57-inch display offers a Dual UHD resolution, equivalent to two 32-inch 4K UHD monitors side-by-side, providing an expansive and detailed visual workspace.

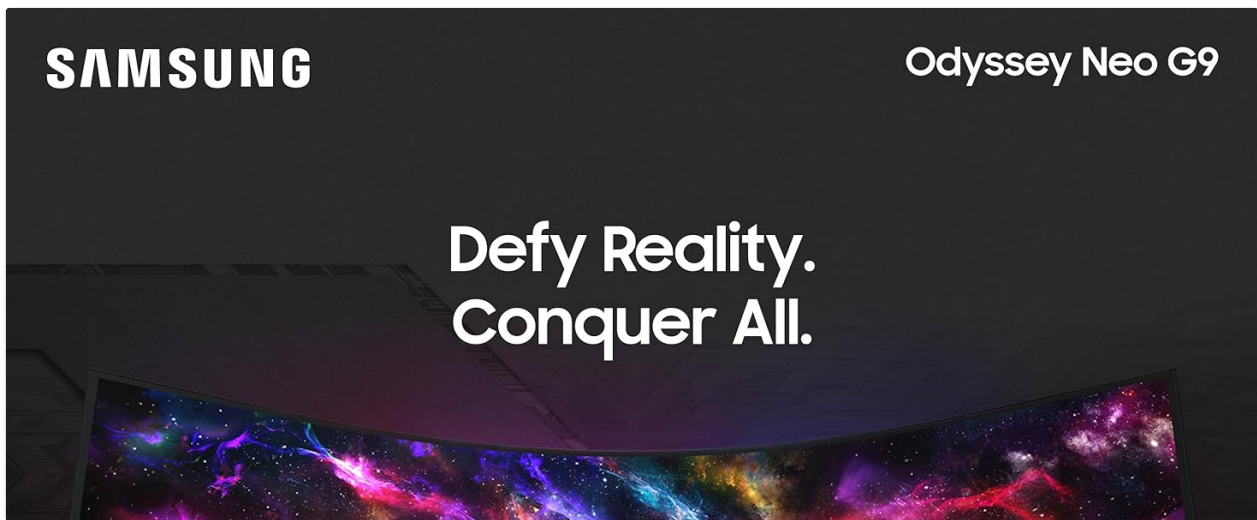


Image: A visual comparison demonstrating the vast screen real estate of the 57-inch Dual UHD monitor, equivalent to two 32-inch UHD displays.

### 6.2. 1000R Curved Screen

The 1000R curvature matches the human eye's field of view, aiming to reduce eye strain and enhance immersion.

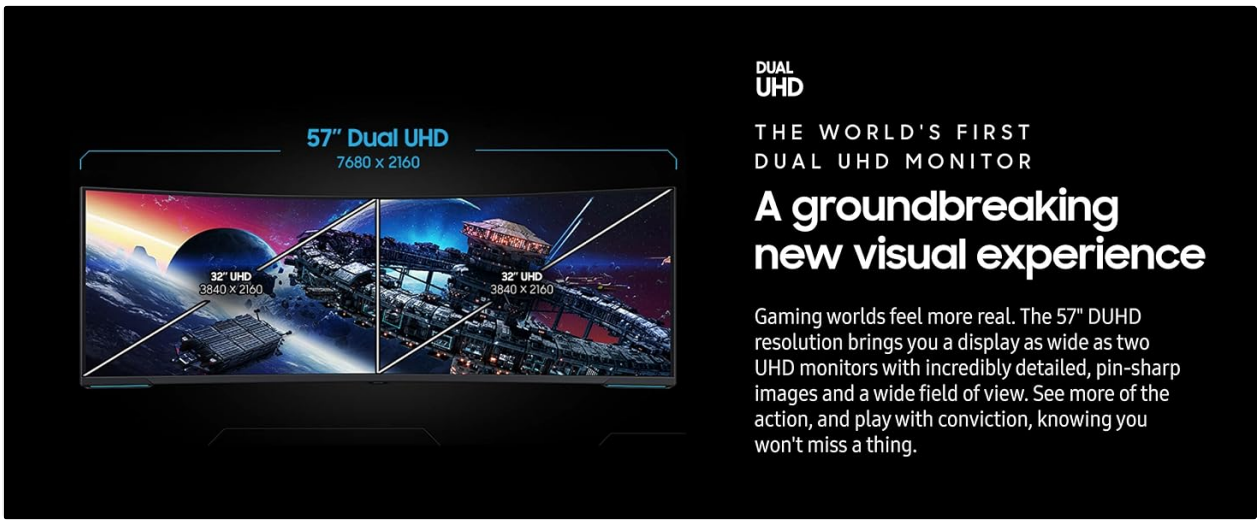


Image: A user engaged in gaming on the 1000R curved screen, illustrating the immersive experience.

### 6.3. 240Hz Refresh Rate & 1ms (GTG) Response Time

The monitor features a 240Hz refresh rate for smooth motion and a 1ms Gray-to-Gray (GTG) response time to minimize ghosting, crucial for fast-paced content.

## Top 3 Features

**The world's first dual UHD monitor**

Live inside games that feel more real than the outside world. The world's first dual UHD monitor wraps around you with a super-wide 57" screen and 1000R curvature.

**Spellbinding Visual Quality**

The power of Quantum Mini-LED and HDR 1000 brings astounding levels of visual accuracy, definition, and brightness, so even the smallest details feel real.

**Electrifying Speed**

One misstep can be the difference between victory and defeat. With a 240Hz refresh rate, 1ms and FreeSync™ Premium Pro, prepare to win.

Image: A dynamic scene from a racing game on the monitor, highlighting its 240Hz refresh rate and 1ms response time capabilities.

### 6.4. Quantum Matrix Technology

Utilizing Quantum Mini-LEDs, this technology provides precise control over brightness and contrast. With 2,392 local dimming zones and 12-bit black levels, it delivers enhanced picture quality.



**240HZ & 1MS WITH DP 2.1 INPUT**

## New levels of speed to give you the edge

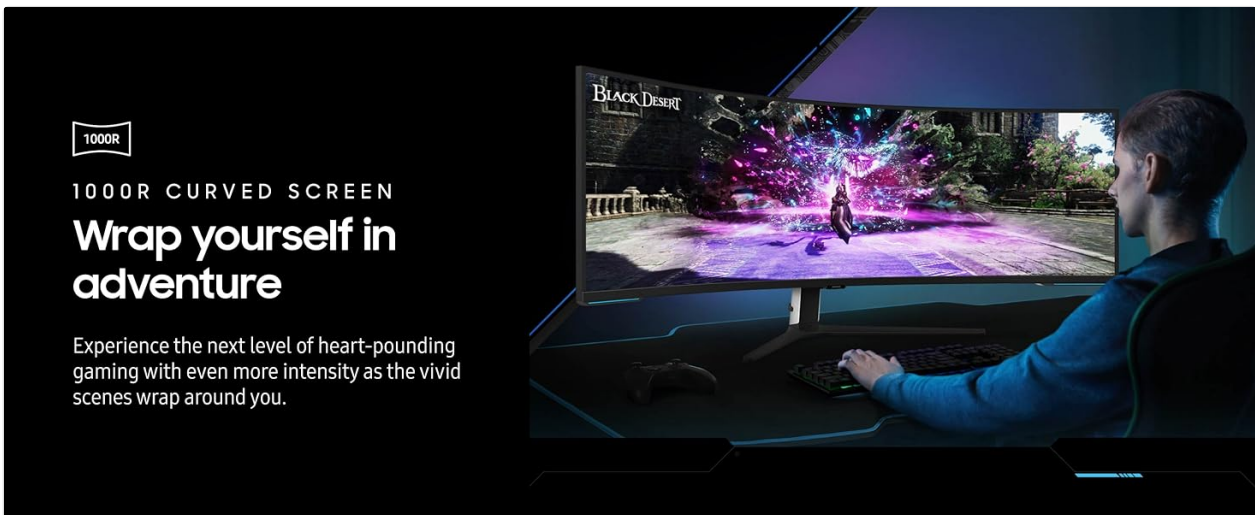
Conquer every enemy with extreme speed. A 240Hz refresh rate reduces lag for ultra-smooth action. Less blur, a 1ms(GtG),\* and minimized ghosting enables you to game with precision. All new DisplayPort 2.1 support provides the same blazing performance in DUHD with variable refresh rates.

\* For the world's first full DUHD and 240Hz ultra high performance support, the graphics card being used must support DP2.1 (UHBR 13.5 and above) or HDMI 2.1 (FRL 12Gbps). Actual specifications and support may vary by graphics card. Please refer to your graphics card specifications for more details. "1ms" means one millisecond which is the range of avg. response time between 1.00ms to 1.99ms truncated to whole number. Based on GTG measured under internal test conditions. Results may vary by content and monitor settings (requires 'Extreme mode' setting). GTG (Gray to Gray) measures the time taken for a monitor pixel to change from one gray value to another.

Image: A visual representation of Quantum Matrix Technology, showing the precise control offered by Quantum Mini-LED backlighting.

### 6.5. VESA DisplayHDR 1000

With a 1,000 nit peak brightness and a 1,000,000:1 contrast ratio, DisplayHDR 1000 ensures vibrant colors and deep blacks, revealing details in both bright and dark scenes.



**1000R**

**1000R CURVED SCREEN**

## Wrap yourself in adventure

Experience the next level of heart-pounding gaming with even more intensity as the vivid scenes wrap around you.

Image: A landscape scene on the monitor demonstrating the enhanced color and contrast provided by VESA DisplayHDR 1000.

### 6.6. AMD FreeSync Premium Pro

This technology synchronizes the monitor's refresh rate with your graphics card's frame rate, eliminating screen tearing and stuttering for a smoother gaming experience.

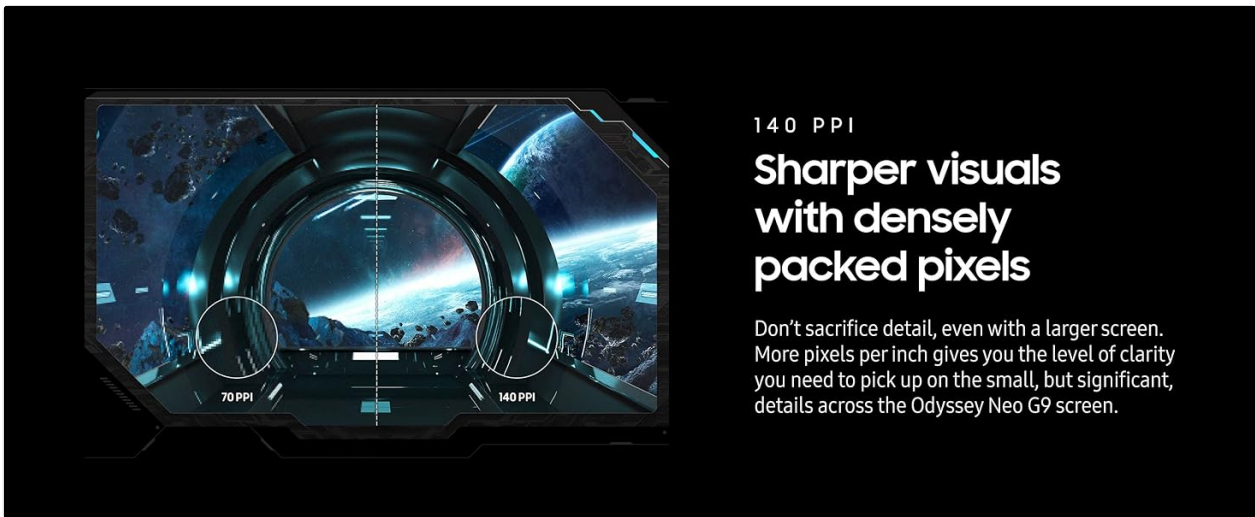


Image: A visual comparison showing the difference between a display with screen tearing (FreeSync OFF) and a smooth display (FreeSync ON).

## 7. ERGONOMICS

The monitor stand allows for various adjustments to optimize your viewing comfort:



Image: A diagram illustrating the monitor's ergonomic stand capabilities, including tilt, swivel, and height adjustments.

- **Height Adjustment:** Raise or lower the monitor to eye level.
- **Tilt:** Adjust the screen's vertical angle (forward or backward).
- **Swivel:** Rotate the screen horizontally left or right.

The monitor is also compatible with VESA-standard monitor arms for alternative mounting solutions.

## 8. MAINTENANCE

### 8.1. Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Never spray liquid directly onto the screen.

### 8.2. General Care

- Avoid placing heavy objects on the monitor or its cables.

- Do not expose the monitor to extreme temperatures or humidity.
- Keep the monitor away from strong magnetic fields.

## 9. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common solutions:

Problem	Possible Solution
No power / Monitor does not turn on	Ensure the power cable is securely connected to both the monitor and a working power outlet. Check if the power adapter is functioning. Try unplugging and replugging the power cable.
No signal / Blank screen	Verify that the video cable (DisplayPort or HDMI) is securely connected to both the monitor and your computer. Ensure the correct input source is selected via the OSD menu. Check if your graphics card drivers are up to date.
Image flickering or distortion	Check the video cable for damage or loose connections. Ensure your graphics card supports the selected resolution and refresh rate. Update graphics drivers.
OSD menu unresponsive or buggy	Unplug the monitor's power cable, wait 30 seconds, then plug it back in. This can reset the internal controls. Ensure the joystick button is clean and free of obstructions.
Cannot access BIOS during PC startup	Some users report the monitor going to sleep during BIOS POST. Try connecting a secondary, smaller monitor to access BIOS settings if this issue persists.

## 10. SPECIFICATIONS

Feature	Detail
Screen Size	57 Inches
Screen Resolution	7680 x 2160 Pixels (Dual 4K UHD)
Aspect Ratio	32:9
Curvature	1000R
Refresh Rate	240Hz
Response Time	1ms (GTG)
Panel Technology	Quantum Mini-LED
HDR Support	VESA DisplayHDR 1000
Peak Brightness	1,000 nits
Contrast Ratio	1,000,000:1

Feature	Detail
Adaptive Sync	AMD FreeSync Premium Pro
Connectivity	DisplayPort 2.1, HDMI 2.1, USB 3.0 Hub (2 ports)
Ergonomics	Height Adjustable, Tilt, Swivel, VESA Mount Compatible
Dimensions (LxWxH)	19.7 x 52.3 x 24 inches
Item Weight	41.9 pounds
Model Number	LS57CG952NNXZA / FBASAMLS57CG952

## 11. WARRANTY AND SUPPORT

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Your SAMSUNG 57" Odyssey Neo G9 monitor is covered by a manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included in your product packaging or visit the official SAMSUNG support website. For technical assistance, troubleshooting beyond this manual, or to inquire about repairs, please contact SAMSUNG customer support.