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› [INNOCN 49" Curved Gaming Monitor 144Hz Ultrawide 32:9 WDFHD 3840 x 1080P, R1800, 99% sRGB, HDR400, USB Type C, DisplayPort, HDMI, Built-in Speakers, Height/Tilt Adjustable - 49C1G 49 Inch WDFHD 144Hz User Manual](#)

## INNOCN 49C1G

# INNOCN 49-inch Curved Gaming Monitor

Model: 49C1G

## 1. INTRODUCTION

Thank you for choosing the INNOCN 49-inch Curved Gaming Monitor. This ultrawide display (32:9 aspect ratio) features a WDFHD (3840 x 1080P) resolution with a 144Hz refresh rate, designed to provide an immersive visual experience for both gaming and productivity. Its 1800R curvature enhances viewing comfort, while HDR400 and 99% sRGB color gamut ensure vibrant and accurate colors. This manual will guide you through the setup, operation, and maintenance of your new monitor.



Figure 1.1: Front view of the INNOCN 49-inch Curved Gaming Monitor.

## 2. WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present:

- 1 x 49" 49C1G Monitor
- 1 x DisplayPort Cable
- 1 x USB Type C Cable
- 1 x Power Cable
- 1 x User Guide

## 3. SETUP

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### 3.1 Monitor Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck, securing it with the provided screw.
3. Align the assembled stand with the mounting slot on the back of the monitor and gently push until it clicks into place. Ensure it is securely fastened.

### 3.2 Connecting Cables

Connect the necessary cables to the monitor's rear ports. Refer to the image below for port locations.



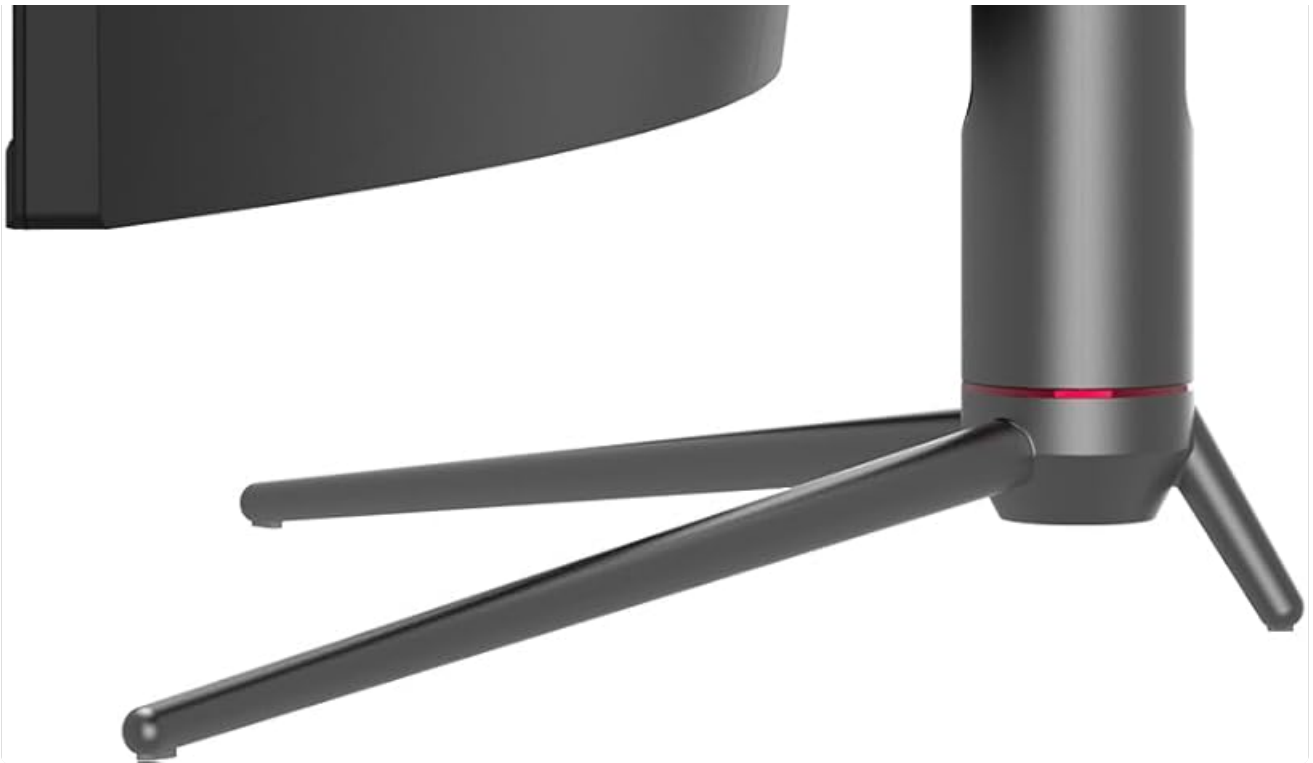


Figure 3.1: Rear ports of the INNOCN 49C1G Monitor.

- **Power Cable:** Connect one end of the power cable to the monitor's power input and the other end to a power outlet.
- **Video Input:** Choose one of the following options:
  - **DisplayPort (DP 1.4):** Connect the DisplayPort cable from your computer's graphics card to the monitor's DP input for up to 144Hz refresh rate.
  - **HDMI (HDMI 2.1):** Connect an HDMI cable from your device (PC, gaming console) to the monitor's HDMI input for up to 120Hz refresh rate.
  - **USB Type-C (65W PD):** Connect a USB-C cable from a compatible laptop or device to the monitor's USB-C input. This port supports video, data, and power delivery (up to 65W) to charge your connected device.
- **USB Peripherals:** Connect USB devices (keyboard, mouse, external drives) to the USB-A ports on the monitor. Connect the USB-B upstream cable from the monitor to your computer to enable the USB-A ports.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm audio jack.
- **RJ45 (Ethernet):** Connect an Ethernet cable to the RJ45 port for network connectivity through the monitor's USB-C hub.

### 3.3 Initial Power On

After connecting all necessary cables, press the power button on the monitor (usually located on the back or bottom right) to turn it on. The monitor will automatically detect the active input source.

## 4. OPERATING INSTRUCTIONS

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### 4.1 OSD (On-Screen Display) Navigation

The monitor features a joystick or set of buttons (location may vary slightly) for navigating the OSD menu. Press the joystick/button to open the OSD menu, then move it up/down/left/right to select options and confirm settings.

### 4.2 Input Source Selection

From the OSD menu, navigate to 'Input Source' to manually select between DisplayPort, HDMI, or USB Type-C inputs.

### 4.3 Picture-in-Picture (PIP) / Picture-by-Picture (PBP)

The monitor supports PIP and PBP modes, allowing you to display content from two separate input sources simultaneously. Access these settings through the OSD menu. You can configure the size and position of the PIP window or arrange sources side-by-side in PBP mode.

## 4.4 Display Settings

Adjust various display settings via the OSD menu:

- **Brightness/Contrast:** Adjust the overall luminance and contrast of the display.
- **Color Settings:** Fine-tune color temperature, gamma, and saturation.
- **HDR:** Enable or disable HDR (High Dynamic Range) mode for enhanced contrast and color depth.
- **Adaptive-Sync:** Enable Adaptive-Sync (FreeSync/G-Sync Compatible) for tear-free and stutter-free gaming experiences.



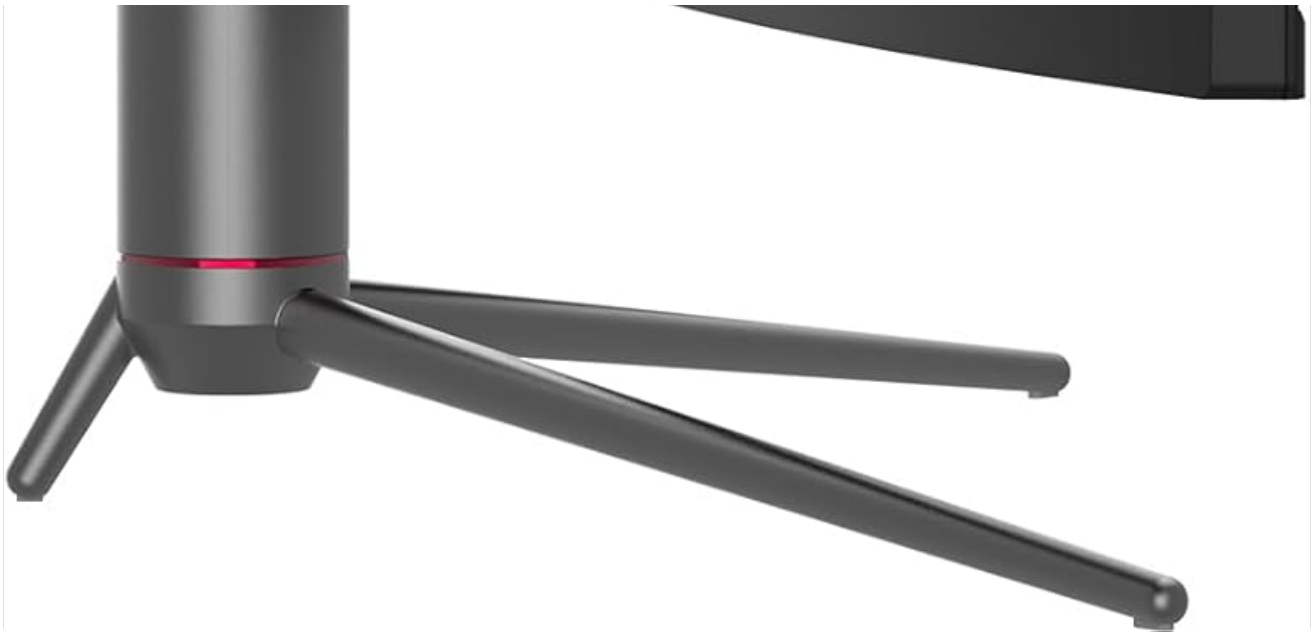


Figure 4.1: Visualizing the effect of Adaptive-Sync.

## 4.5 Ergonomic Adjustments

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

- **Tilt:** Adjust the screen's vertical angle (forward/backward).
- **Swivel:** Rotate the screen horizontally (left/right).
- **Height:** Adjust the screen's vertical position.

# 144Hz Refresh Rate



Figure 4.2: The 1800R curvature provides an immersive viewing experience.

## 4.6 Official Product Video

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Video 4.1: An official product video showcasing the INNOCN 49-inch Ultrawide Curved Gaming Monitor.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-ammonia, non-alcohol based screen cleaner. Never spray liquid directly onto the screen.
- **Cleaning the Body:** Use a soft, dry cloth to clean the monitor's casing. Avoid abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, ideally in its original packaging.

## 6. TROUBLESHOOTING

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

Problem	Possible Solution
No Power	Ensure the power cable is securely connected to both the monitor and a working power outlet. Check if the power indicator light is on.
No Signal / Blank Screen	Verify that the video cable (DP, HDMI, USB-C) is correctly connected to both the monitor and your computer/device. Select the correct input source via the OSD menu. Ensure your computer's display output is enabled.
Flickering or Distorted Image	Check the video cable for damage or loose connections. Try a different video cable or port. Ensure your graphics card drivers are up to date. Adjust the refresh rate in your computer's display settings.
Monitor Not Waking from Sleep (Mac Mini example)	Access the monitor's OSD menu, navigate to 'Other Settings' or 'System', and turn off the 'Auto Power' feature. This allows the monitor to enter standby instead of fully powering off when no signal is detected.
USB Ports Not Working	Ensure the USB-B upstream cable is connected from the monitor to your computer. If using USB-C, ensure your device supports USB-C Alt Mode for data transfer.

## 7. SPECIFICATIONS

Detailed technical specifications for the INNOCN 49C1G Monitor:

Feature	Detail
Product Dimensions	6.28 x 45.5 x 14.57 inches
Item Weight	34.6 pounds
Manufacturer	Guangxi Century Innovation Display Electronics Co.,Ltd
Item Model Number	49C1G
Standing Screen Display Size	49 Inches
Aspect Ratio	32:9
Resolution	3840 x 1080 (WDFHD)
Image Brightness	400 Candela (HDR400)
Total USB Ports	3 (1x USB-C 65W, 2x USB-A)
Screen Surface Description	Matte
Refresh Rate	Up to 144Hz (via DisplayPort)
Curvature	1800R
Color Gamut	99% sRGB




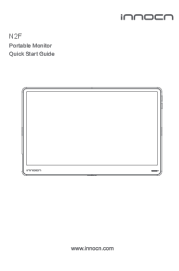






Figure 7.1: Physical dimensions of the monitor.

## 8. WARRANTY AND SUPPORT

INNOCN products are designed for reliability and performance. For information regarding your product's warranty, please refer to the warranty card included in your package or visit the official INNOCN website. For technical support, troubleshooting assistance, or service inquiries, please contact INNOCN customer support through their official channels. Have your model number (49C1G) and purchase information ready when contacting support.



	<p><a href="#">INNOCN PF15-PRO Portable Monitor Quick Start Guide</a></p> <p>This guide provides essential information for setting up and using the INNOCN PF15-PRO Portable Monitor, including safety precautions, product specifications, and troubleshooting.</p>
	<p><a href="#">INNOCN N2F Portable Monitor Quick Start Guide</a></p> <p>A comprehensive guide for the INNOCN N2F portable monitor, detailing setup, features, OSD menu options, troubleshooting, specifications, and warranty information.</p>
	<p><a href="#">INNOCN N1F PRO Portable Monitor Quick Start Guide</a></p> <p>Comprehensive Quick Start Guide for the INNOCN N1F PRO portable monitor. Learn about setup, safety precautions, key features, OSD menu navigation, troubleshooting, technical specifications, and warranty information.</p>
	<p><a href="#">INNOCN 27G1G Quick Installation Guide</a></p> <p>This guide provides quick installation instructions for the INNOCN 27G1G monitor, covering precautions, base installation, wall mounting, cable connections, and button descriptions.</p>
	<p><a href="#">Innocn 27C1U-D Art Monitor User Manual</a></p> <p>User manual for the Innocn 27C1U-D Art Monitor, providing detailed instructions on installation, setup, operation, OSD menu navigation, technical specifications, and troubleshooting tips.</p>
	<p><a href="#">INNOCN 29C1F-D Art Monitor User Manual: Setup, Features, and Troubleshooting</a></p> <p>This user manual provides comprehensive instructions for the INNOCN 29C1F-D Art Monitor, covering setup, installation, features, OSD menu navigation, specifications, troubleshooting, and warranty information.</p>