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› INNOCN 27G1G Plus 27-Inch 180Hz IPS Gaming Monitor User Manual

## INNOCN 27G1G Plus

# INNOCN 27G1G Plus 27-Inch 180Hz IPS Gaming Monitor User Manual

Model: 27G1G Plus

## INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your INNOCN 27G1G Plus 27-inch 180Hz IPS Gaming Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety. Keep this manual for future reference.



Image: The INNOCN 27G1G Plus 27-inch gaming monitor, showcasing its design and key features like 180Hz refresh rate and 1ms response time.

## IMPORTANT SAFETY INFORMATION

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- Do not expose the monitor to rain or moisture to prevent fire or electric shock.
- Do not open the monitor casing. There are no user-serviceable parts inside. Refer all servicing to qualified personnel.
- Place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Disconnect the power cable from the outlet during lightning storms or when unused for long periods.
- Avoid placing heavy objects on the power cord.
- Clean the monitor with a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

## PACKAGE CONTENTS

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Verify that all items are present and in good condition upon unpacking. If any items are missing or damaged, contact your retailer.

- INNOCN 27G1G Plus Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- Power Cable
- HDMI Cable
- DisplayPort Cable
- User Manual (This document)
- Warranty Card (if applicable)

## SETUP INSTRUCTIONS

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### 1. Physical Assembly

Follow these steps to assemble the monitor stand or prepare for VESA mounting.

#### Attaching the Stand:

1. Carefully remove the monitor from its packaging, keeping it protected on a soft surface.
2. Attach the stand neck to the monitor panel.
3. Secure the stand base to the stand neck using the provided screws.
4. Place the assembled monitor on a stable desk.

#### VESA Mounting:

The monitor supports VESA mounting (75x75mm). Remove the stand if already attached. Use appropriate VESA screws and a compatible wall mount or desk arm (not included).



Image: Monitor dimensions and tilt adjustment capability. The monitor can be tilted from -5 to +15 degrees for ergonomic viewing.

## 2. Connecting to Devices

Connect your computer or gaming console to the monitor using the appropriate cables.

- **HDMI Connection:** Use an HDMI cable to connect your device's HDMI output to one of the monitor's HDMI 1.4 ports. Supports up to 144Hz refresh rate.
- **DisplayPort Connection:** Use a DisplayPort cable to connect your device's DisplayPort output to the monitor's DisplayPort 1.2 port. Supports up to 180Hz refresh rate.
- **Audio Output:** Connect external speakers or headphones to the 3.5mm audio out jack for sound.



Image: Overview of monitor connectivity ports, illustrating connections to various devices like a desktop PC, gaming console, and headphones.

### **Power Connection:**

Connect the power adapter to the monitor's power input, then plug the power cable into a wall outlet.

## **OPERATING INSTRUCTIONS**

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### **1. Power On/Off**

Press the joystick button located on the back of the monitor to power it on or off. A short press will turn it on, and a long press will turn it off.

### **2. On-Screen Display (OSD) Menu**

The monitor's settings are adjusted using the joystick control located on the back. Press the joystick to open the OSD menu. Move the joystick up, down, left, or right to navigate and select options.



Image: Detailed guide to the monitor's joystick control, explaining how to use it for power, OSD menu access, and setting adjustments.

### OSD Menu Options:

- **View Mode:** Select preset display modes (e.g., Standard, Game, Movie).
- **Manual Image Adjust:** Fine-tune brightness, contrast, sharpness, etc.
- **Color Adjust:** Adjust color temperature, gamma, and color space.
- **Audio Adjust:** Control volume and mute settings for the audio output.
- **Input Select:** Manually switch between HDMI 1, HDMI 2, and DisplayPort inputs.
- **Setup Menu:** Access advanced settings like language, OSD timeout, and reset options.

## 3. Display Performance Settings

### Refresh Rate:

The monitor supports a maximum refresh rate of 180Hz via DisplayPort and 144Hz via HDMI. To achieve higher refresh rates, ensure your graphics card and cable support the desired frequency, and configure the setting in your operating system's display settings.

# 180Hz Refresh Rate

(DisplayPort 1.4)



Image: Visual comparison demonstrating the difference between 180Hz and 60Hz refresh rates, highlighting smoother motion at higher frequencies.

## **Response Time:**

The monitor features a 1ms response time (Overdrive). This reduces motion blur and ghosting, particularly beneficial for fast-paced gaming.



Image: Visual representation of 1ms response time versus a slower response time, showing reduced motion blur for clearer images during fast movement.

**Adaptive Sync (G-Sync Compatible/FreeSync):**

This monitor is compatible with G-Sync and FreeSync technologies, which synchronize the monitor's refresh rate with your graphics card's frame rate. This eliminates screen tearing and minimizes stuttering for a smoother gaming experience. Ensure this feature is enabled in your graphics card control panel and the monitor's OSD if available.



Image: Illustration of Adaptive Sync technology, showing how it prevents screen tearing for a more fluid visual experience in games.

### Eye Care Features:

The monitor includes Flicker-Free technology and a Low Blue Light mode to reduce eye strain during prolonged use. These features can be adjusted or enabled through the OSD menu.

## MAINTENANCE

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### Cleaning the Monitor:

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the monitor's surface.

### Storage:

If storing the monitor for an extended period, disconnect all cables and pack it in its original packaging or a suitable

protective container. Store in a cool, dry place.

## TROUBLESHOOTING

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

Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected to the monitor and a power outlet. Verify the video cable (HDMI/DisplayPort) is properly connected to both the monitor and your computer/device. Press the joystick to ensure the monitor is powered on. Select the correct input source using the OSD menu.
Image is blurry or distorted	Check the display resolution settings on your computer. Ensure it is set to 1920x1080. Adjust the sharpness setting in the OSD menu. Try a different video cable.
Screen tearing or stuttering in games	Ensure Adaptive Sync (G-Sync Compatible/FreeSync) is enabled in your graphics card control panel and the monitor's OSD. Verify your game's frame rate is within the monitor's refresh rate range.
No sound from audio out	Check the volume settings in the OSD menu and on your connected device. Ensure your external speakers or headphones are properly connected and functional. Verify the audio output device is correctly selected in your computer's sound settings.
Monitor not reaching 180Hz	Ensure you are using the DisplayPort connection. HDMI 1.4 supports up to 144Hz. Verify your graphics card supports 180Hz at 1080p resolution. Update your graphics card drivers. Check your operating system's display settings to ensure 180Hz is selected.

## SPECIFICATIONS

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Feature	Detail
Model	27G1G Plus
Screen Size	27 Inches
Panel Type	IPS
Resolution	1920 x 1080 (FHD)
Aspect Ratio	16:9
Refresh Rate	Up to 180Hz (DisplayPort), Up to 144Hz (HDMI)
Response Time	1ms (Overdrive)
Adaptive Sync	G-Sync Compatible, FreeSync
Color Gamut	99% sRGB
Viewing Angle	178° (H/V)
Connectivity	2 x HDMI 1.4, 1 x DisplayPort 1.2, 1 x Audio Out (3.5mm)
VESA Mount	75 x 75 mm
Tilt Adjustment	-5° to +15°
Eye Care Features	Flicker-Free, Low Blue Light
Product Dimensions (with stand)	24.3 x 14.36 x 8.0 inches (approx.)
Item Weight (with stand)	13.32 pounds

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the warranty card included in your package or visit the official INNOCN website. Keep your proof of purchase for warranty claims.

**Online Support:** [www.innocn.com](http://www.innocn.com)