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INNOCN 27G1R Plus

INNOCN 27G1R Plus Gaming Monitor User Manual

Model: 27G1R Plus | Brand: INNOCN

1. PRODUCT OVERVIEW

The INNOCN 27G1R Plus is a 27-inch QHD (2560 x 1440p) Fast IPS Gaming Monitor designed for an immersive gaming and productive computing experience. It features a high refresh rate of 180Hz and an ultra-fast 1ms response time, ensuring smooth and fluid visuals. With G-Sync compatibility and 99% sRGB color gamut, this monitor delivers vibrant colors and tear-free gameplay. Its versatile stand allows for height, pivot, swivel, and tilt adjustments, providing ergonomic comfort.



Figure 1: Front view of the INNOCN 27G1R Plus Gaming Monitor.

2. SETUP GUIDE

2.1 Assembling the Stand

1. Carefully remove all components from the packaging.
2. Attach the stand base to the stand neck using the provided screws.
3. Align the assembled stand with the mounting slot on the back of the monitor and secure it firmly.
4. Ensure all connections are tight before placing the monitor on a stable surface.

2.2 Connecting the Monitor

The INNOCN 27G1R Plus offers multiple connectivity options:

- **Power Input:** Connect the DC power adapter to the monitor and a power outlet.
- **HDMI 2.1 (x2):** For connecting to PCs, gaming consoles (Max 144Hz).
- **DisplayPort 1.4 (x2):** For connecting to PCs, offering up to 180Hz refresh rate.
- **Audio Out:** For connecting external headphones or speakers.

Abundant Connectivity

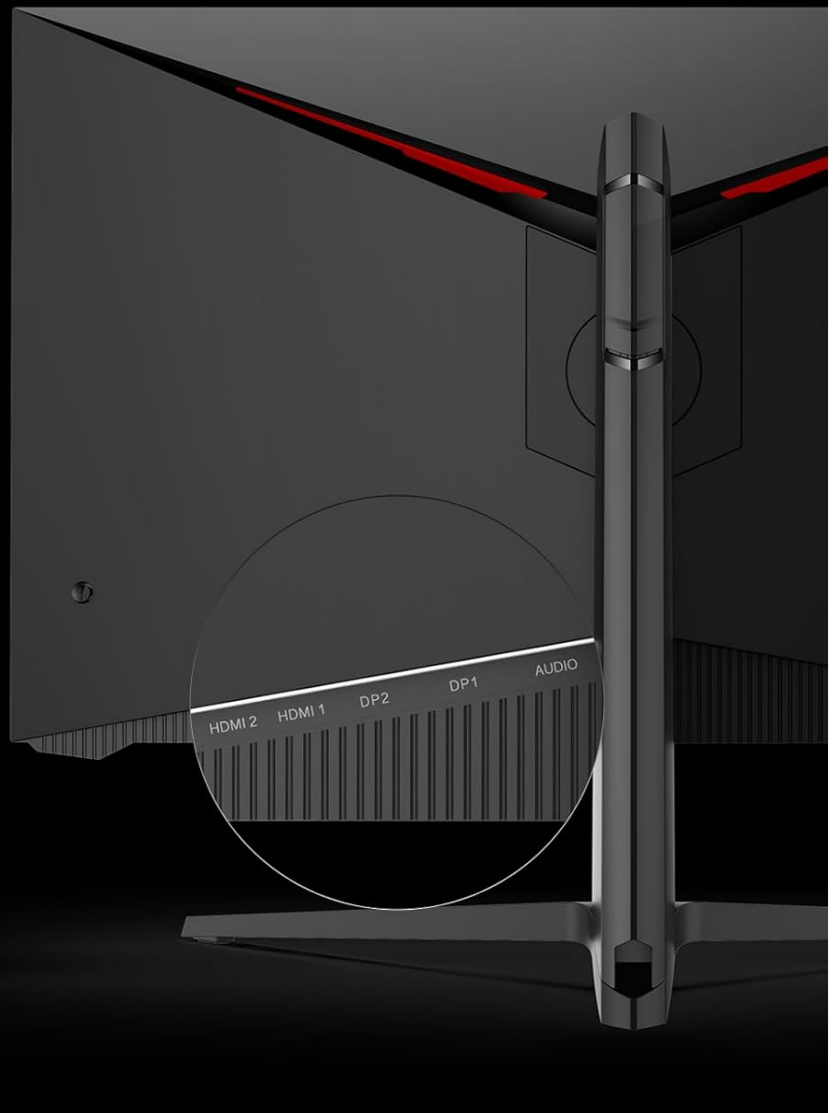
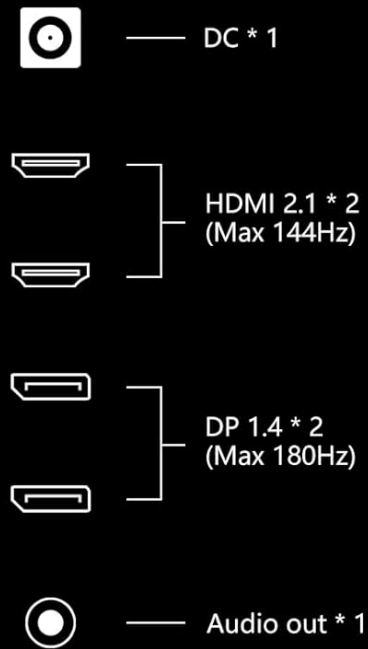


Figure 2: Rear view showing the various input ports of the monitor.

For optimal performance, especially for gaming, it is recommended to use the DisplayPort 1.4 connection to achieve the full 180Hz refresh rate.

3. OPERATING INSTRUCTIONS

3.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

3.2 On-Screen Display (OSD) Menu

Navigate the OSD menu using the joystick or buttons typically located on the back or bottom of the monitor. The OSD allows you to adjust various settings:

- **Picture Settings:** Brightness, Contrast, Sharpness, Color Temperature.

- **Color Gamut:** Adjust between different color spaces, including 99% sRGB.
- **Gaming Settings:** Overdrive (for 1 ms response time), FreeSync/G-Sync compatibility, GamePlus features (crosshair, timer).
- **Input Source:** Manually select between HDMI and DisplayPort inputs.
- **PIP/PBP:** Picture-in-Picture and Picture-by-Picture modes for displaying multiple sources simultaneously.

3.3 Key Features Explained

- **180Hz Refresh Rate:** Provides extremely smooth motion, crucial for fast-paced gaming.

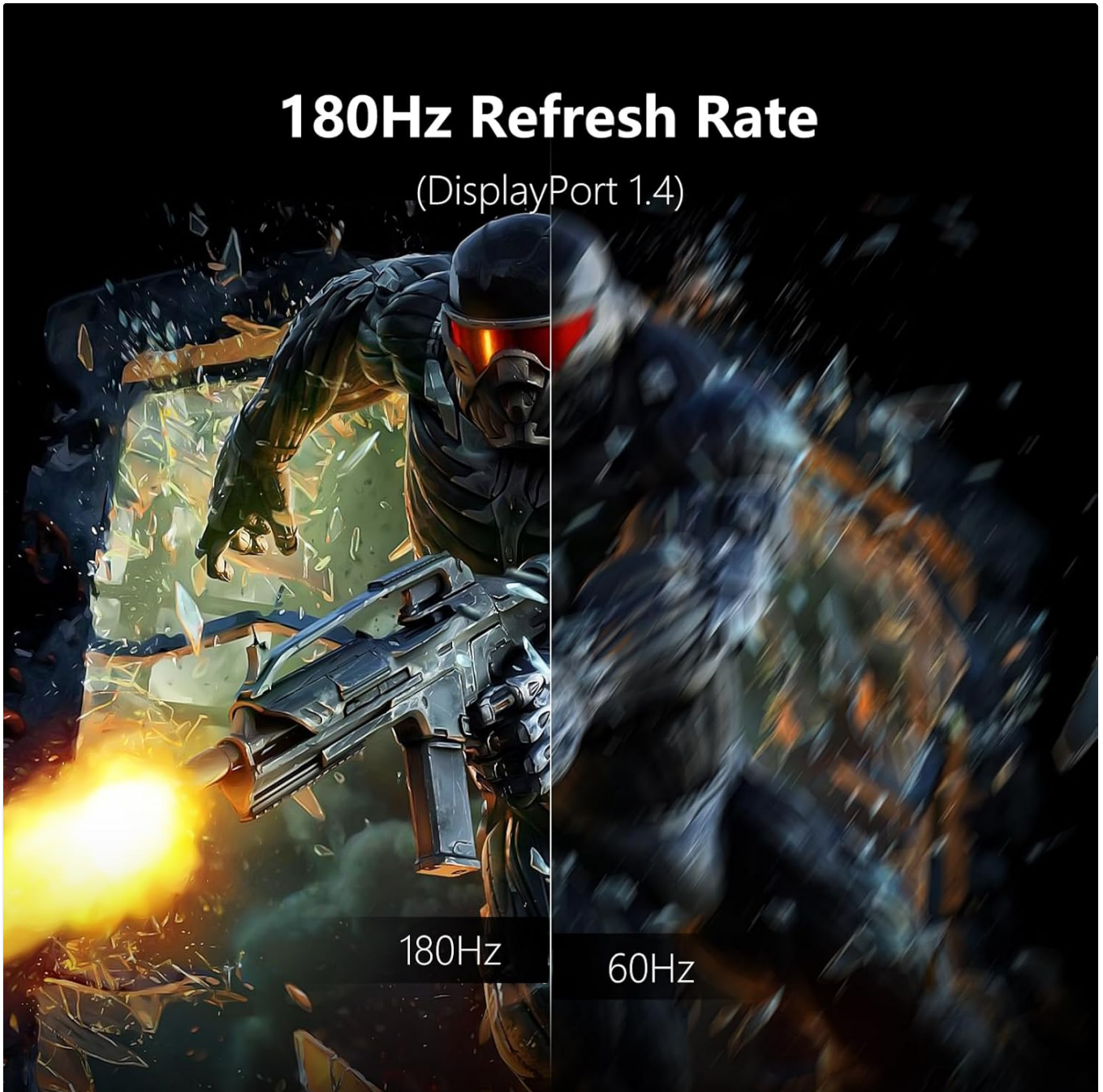


Figure 3: Visualizing the difference between 180Hz and 60Hz refresh rates.

- **1ms Response Time (OD):** Reduces motion blur and ghosting for clear visuals during rapid movements.



Figure 4: Demonstrating the clarity provided by 1ms response time.

- **FreeSync & G-Sync Compatible:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.

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Video 1: Official product video showcasing the INNOCN 27G1R PLUS 1440p 180Hz Gaming Monitor, highlighting its features including FreeSync and G-Sync compatibility.

- **99% sRGB Wide Color Gamut:** Delivers accurate and vibrant colors for an enhanced visual experience.



Figure 5: Illustrating the expanded color range with 99% sRGB and 95% DCI-P3.

- **Ergonomic Stand:** Adjust the monitor's height, pivot, swivel, and tilt for optimal viewing comfort.

Customized Comfort Stand

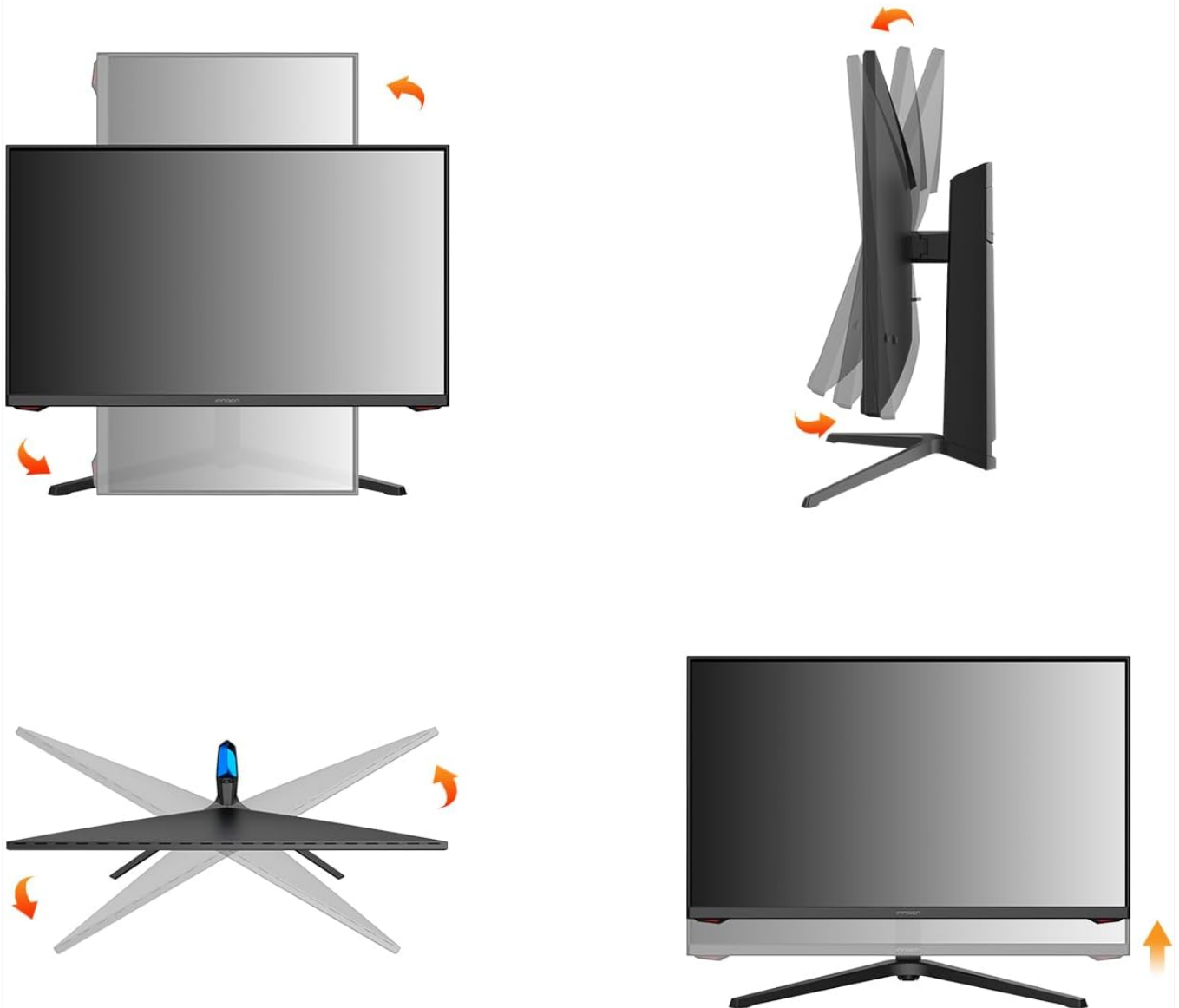


Figure 6: Various ergonomic adjustments available with the monitor stand.

4. MAINTENANCE AND CARE

- **Cleaning the Screen:** Use a soft, lint-free cloth lightly dampened with water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Wipe the monitor's casing with a soft, dry cloth.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off:** Always turn off and unplug the monitor before cleaning or if it will be unused for an extended period.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Check power and video cable connections. Ensure the correct input source (HDMI/DP) is selected in the OSD menu.
Image is blurry or distorted	Incorrect resolution; Graphics card driver issues.	Set the display resolution to 2560 x 1440p. Update your graphics card drivers.
Flickering or unstable image	Refresh rate mismatch; Faulty cable; FreeSync/G-Sync issues.	Ensure refresh rate is set correctly (up to 180Hz for DP). Try a different video cable. Check FreeSync/G-Sync settings in OSD and GPU control panel.
No audio	Audio cable disconnected; Volume too low; Incorrect audio output selected on PC.	Check audio cable connection to the monitor's audio out port. Adjust volume. Ensure monitor is selected as the audio output device on your computer.

6. SPECIFICATIONS

Feature	Detail
Screen Size	27 Inches
Resolution	2560 x 1440 Pixels (QHD Wide 1440p)
Refresh Rate	180Hz (via DisplayPort 1.4), 144Hz (via HDMI 2.1)
Response Time	1ms (OD)
Panel Type	Fast IPS
Color Gamut	99% sRGB
Brightness	300 cd/m2
Connectivity	2 x HDMI 2.1, 2 x DisplayPort 1.4, 1 x Audio Out, 1 x DC Power Input
Ergonomics	Height, Pivot, Swivel, Tilt Adjustable Stand
VESA Mount	75 x 75 mm
Dimensions (Product)	2.5 x 24.4 x 14.72 inches
Item Weight	17.81 pounds

7. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official INNOCN website. Keep your purchase receipt as proof of purchase for warranty claims.

You can also visit the [INNOCN Store on Amazon](#) for more product information and support resources.

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