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› INNOCN 48A8V 48-inch OLED Gaming Monitor User Manual

INNOCN 48A8V

INNOCN 48A8V 48-inch OLED Gaming Monitor User Manual

Model: 48A8V

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your INNOCN 48A8V 48-inch OLED Gaming Monitor. Please read this manual thoroughly before using the product to ensure optimal performance and safety.

65W Type-C Full Function Ports

65W USB Type-C power delivery



Figure 1.1: INNOCN 48A8V 48-inch OLED Gaming Monitor

2. SAFETY INFORMATION

- Do not expose the monitor to rain or moisture to prevent fire or electric shock.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter supplied with the monitor.
- Avoid placing heavy objects on the power cord.
- Disconnect the power plug from the outlet if the monitor will not be used for an extended period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- INNOCN 48A8V OLED Gaming Monitor

- Power Adapter and Power Cord
- HDMI Cable
- USB Type-C Cable
- DisplayPort Cable
- Remote Control
- User Manual (this document)
- Stand Components (Base and Neck)

4. SETUP

4.1 Assembling 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's rear panel.
3. Secure the stand base to the stand neck using the provided screws.
4. Place the assembled monitor on a stable, flat surface.

Alternatively, the monitor supports VESA mounting (100x100mm) for wall or arm mounting. Ensure your VESA mount can support the monitor's weight and size.

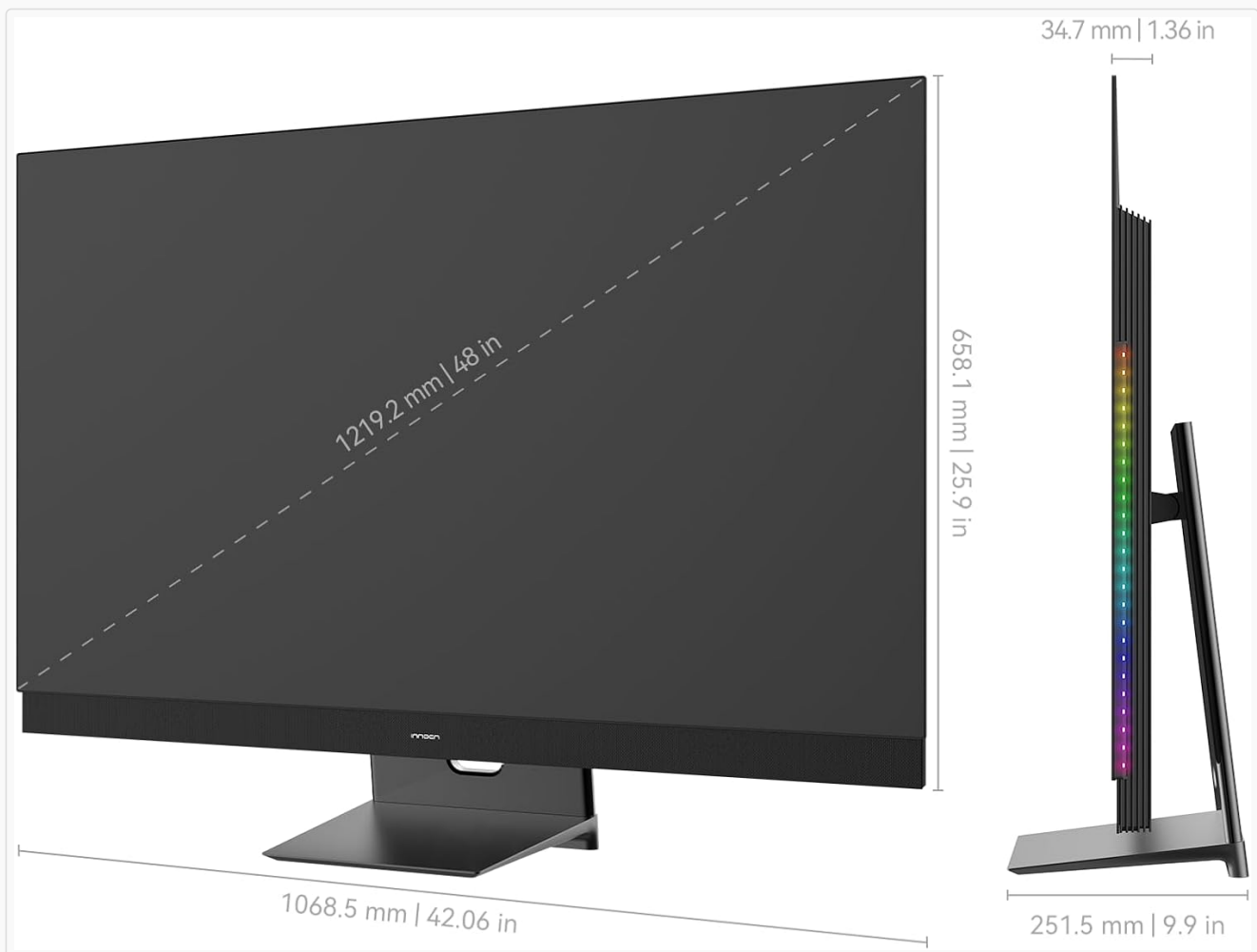


Figure 4.1: Monitor Dimensions and Stand Assembly Overview

4.2 Connecting to Devices

The monitor features various input ports for connectivity:

- **HDMI 2.1 (x3):** Connect to gaming consoles, PCs, or other HDMI-enabled devices. Supports up to 4K @ 138Hz.
- **DisplayPort 1.4 (x1):** Connect to PCs or graphics cards. Supports up to 4K @ 138Hz.
- **USB Type-C (x1):** Connect to laptops, Macs, or phones. Supports video input, data transfer, and 65W power delivery.
- **USB-A 3.0 (x2):** For connecting peripherals like keyboards, mice, or USB drives.
- **USB-B 3.0 (x1):** Upstream port for enabling USB-A ports.
- **Audio Out (3.5mm Jack):** Connect external headphones or speakers.



- | | | |
|------------------------|--------------------------|--------------------------|
| ① USB-A* 2 | ② USB-B 3.0*1 | ③ USB-C 65W*1 (Max138Hz) |
| ④ DP 1.4*1 (Max 138Hz) | ⑤ HDMI 2.1*2 (Max 138Hz) | ⑥ AUDIO OUT*1 |



Figure 4.2: Rear Port Layout



Figure 4.3: USB Type-C Connectivity Example

4.3 Powering On

1. Connect the power adapter to the monitor's power input.
2. Plug the power cord into a power outlet.
3. Press the power button on the monitor or use the remote control to turn on the display.

5. OPERATING INSTRUCTIONS

5.1 OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the included remote control to navigate the OSD menu:

- Press the **Menu** button to open the OSD.
- Use the directional buttons (Up/Down/Left/Right) to navigate through options.
- Press **OK/Enter** to select an option or confirm a setting.
- Press the **Back/Exit** button to return to the previous menu or exit the OSD.

5.2 Key Features

5.2.1 4K UHD OLED Panel

Experience stunning visuals with a 3840 x 2160p UHD resolution OLED panel. The monitor supports 1.07 billion colors (10-bit) and covers 100% sRGB and 98.5% DCI-P3 color gamuts, ensuring accurate and vibrant color reproduction.

4K UHD, Details are clearly visible



Figure 5.1: 4K UHD Clarity

5.2.2 138Hz Refresh Rate

Enjoy smooth and responsive gameplay with a high refresh rate of 138Hz, reducing motion blur and input lag for a more immersive experience.

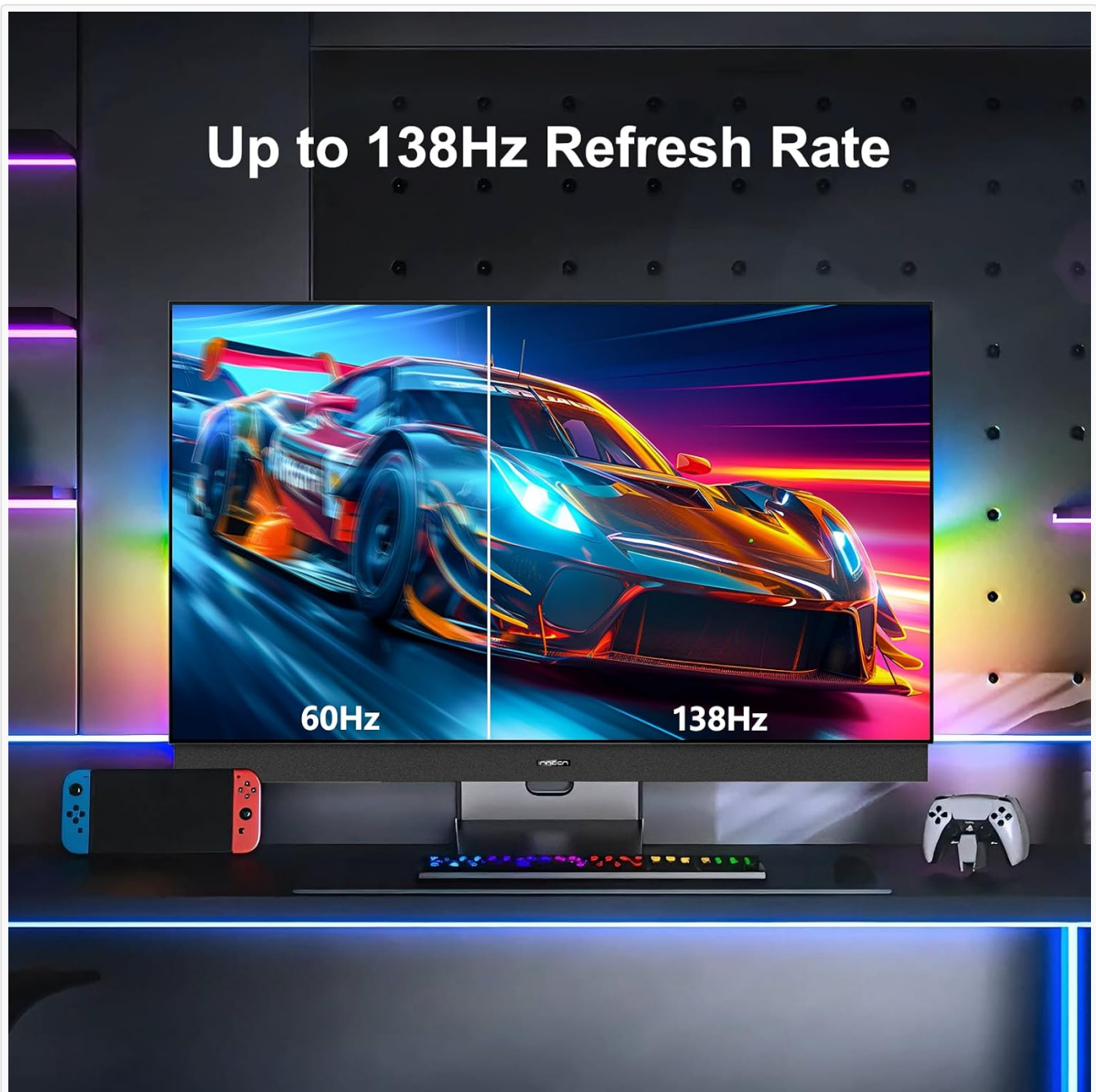


Figure 5.2: 138Hz Refresh Rate in Action

5.2.3 AMD FreeSync Premium

The monitor supports AMD FreeSync Premium technology, which synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering, providing fluid gameplay. It is also G-Sync Compatible.

FreeSync and G-Sync Compatible



Adaptive-Sync OFF



Adaptive-Sync ON

Figure 5.3: FreeSync Premium Eliminating Screen Tearing

5.2.4 HDR 10 Support

High Dynamic Range (HDR 10) technology enhances contrast and color accuracy, delivering more realistic and detailed images with brighter whites and deeper blacks.

5.2.5 Picture-in-Picture (PIP) and Picture-by-Picture (PBP)

Enhance productivity by displaying content from two separate input sources simultaneously. PIP shows one source in a smaller window over another, while PBP divides the screen into multiple sections for different sources.

5.2.6 Built-in Stereo Speakers

The monitor includes integrated 2.1 channel stereo speakers (1x 20W bass, 2x 10W mid-high) for an immersive audio experience without external speakers.

High Fidelity Stereo Speakers

2.1 channel (bass 20W*1, mid-high 10W*2)



Figure 5.4: Integrated Stereo Speakers

5.2.7 RGB Atmosphere Lighting

Integrated RGB lighting on the rear of the monitor provides ambient illumination, enhancing the visual experience and creating a dynamic atmosphere.

LED Atmosphere Light Stylish & Cool



Figure 5.5: RGB Atmosphere Lighting

5.2.8 Color Calibration and Low Blue Light

Each monitor is factory color calibrated with a $\Delta E < 2$, ensuring accurate color representation. It also features TÜV Rheinland certified low blue light technology to reduce eye strain during prolonged use.

6. MAINTENANCE

6.1 Cleaning the Monitor

- Always unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using harsh chemicals, solvents, or abrasive materials.

7. TROUBLESHOOTING

7.1 No Power

- Ensure the power cord is securely connected to both the monitor and the power outlet.
- Verify the power outlet is functioning by plugging in another device.
- Check if the power adapter is correctly connected.

7.2 No Signal

- Confirm that the video cable (HDMI, DisplayPort, or USB-C) is securely connected to both the monitor and the source device.
- Ensure the correct input source is selected on the monitor via the OSD menu.
- Check if the source device (PC, console) is powered on and outputting a signal.
- Try a different video cable or port if available.

7.3 Display Issues (Flickering, Incorrect Colors)

- Adjust display settings in the OSD menu (brightness, contrast, color temperature).
- Ensure your graphics card drivers are up to date.
- Check the video cable for damage or loose connections.
- Reset the monitor to factory settings via the OSD menu.

7.4 Automatic Static Brightness Limiter (ASBL)

OLED panels may exhibit a feature known as Automatic Static Brightness Limiter (ASBL) or Automatic Brightness Limiter (ABL). This function automatically dims the screen, especially after extended use or when displaying static content, to prevent permanent image retention (burn-in) and protect the panel. This is a normal protective mechanism and not a malfunction. The brightness typically returns to normal when dynamic content is displayed or after a short period.

8. SPECIFICATIONS

Feature	Specification
Brand	INNOCN
Model Number	48A8V
Screen Size	48 inches
Display Type	OLED
Resolution	4K UHD (3840x2160p)
Refresh Rate	138 Hz
Aspect Ratio	1.78:1
Contrast Ratio	1,000,000:1
Color Gamut	100% sRGB, DCI-P3 98.5%
Color Depth	10-bit (1.07 Billion Colors)
HDR Support	HDR 10

Feature	Specification
Adaptive Sync	AMD FreeSync Premium (G-Sync Compatible)
Connectivity	3x HDMI 2.1, 1x DisplayPort 1.4, 1x USB Type-C (65W PD), 2x USB-A 3.0, 1x USB-B 3.0, 1x 3.5mm Audio Jack
Speakers	Built-in Stereo Speakers (2.1 channel: 1x 20W bass, 2x 10W mid-high)
VESA Mount	Yes (100x100mm)
Dimensions (W x H x D)	42.02" x 25.9" x 1.36" (without stand)
Weight	Consult product packaging for exact weight.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official INNOCN website. For technical support or service inquiries, please contact INNOCN customer service through their official channels.
Official INNOCN Store: [INNOCN Amazon Store](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

