INNOCN 27M2V

INNOCN 27M2V 27-inch 4K MiniLED Gaming Monitor User Manual

Model: 27M2V

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your INNOCN 27M2V 27-inch 4K MiniLED Gaming Monitor. Please read it thoroughly before use to ensure proper functionality and safety.

2. PACKAGE CONTENTS

Verify that all items are present in the package. If any items are missing or damaged, please contact customer support.

- INNOCN 27M2V Monitor
- Stand Base
- Stand Pillar
- DP Cable
- Type-C Cable
- USB-B Cable
- Power Adapter
- Power Cord
- Calibration Report and Warranty Card

Your browser does not support the video tag.

Video Description: This video demonstrates the unboxing and assembly process for a similar INNOCN monitor (GA27V1M). It shows the included cables, power adapter, stand components, and how to attach the stand to the monitor. The video also briefly shows the OSD menu navigation.
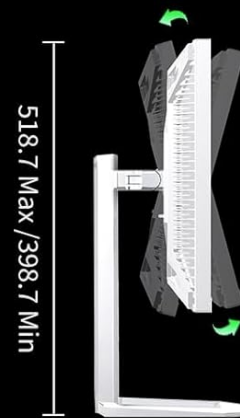
3. SETUP INSTRUCTIONS

3.1 Stand Assembly

1. Attach the stand pillar to the stand base and secure it with the screw.
2. Carefully attach the assembled stand to the back of the monitor.

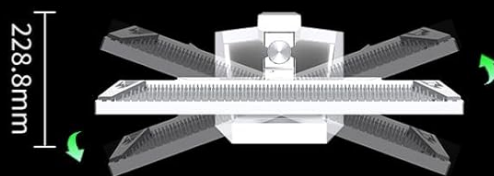3. Ensure all connections are firm and stable.

お好みの高さや角度に調整可能

613.9mm

518.7 Max /398.7 Min
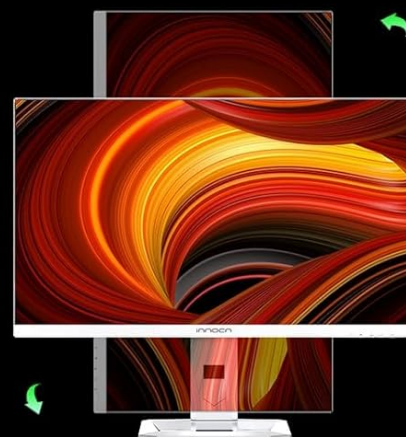
上下12㎝（卓から最大15㎝、最低3㎝）

前5°，後20°

重量6.6KG
VESA 100 x 100mm

KG

228.8mm

左右20°~25°

回転90°±

Image Description: An image illustrating the various adjustments available with the monitor stand, including height adjustment (up to 120mm), tilt (-5° to 20°), swivel (±20°), and pivot (±90°). The image also shows the monitor's weight (6.6KG with stand) and VESA compatibility (100x100mm).

3.2 Connecting to Devices

The monitor offers a variety of input ports for versatile connectivity:

- **DisplayPort 1.4:** 1 port (for 4K 160Hz)
- **HDMI 2.1:** 2 ports
- **USB Type-C:** 1 port (90W power delivery, supports 4K 120Hz)
- **USB-B:** 1 port (for USB Hub functionality)
- **USB-A:** 2 ports (for USB Hub functionality)
- **3.5mm Audio Jack:** 1 port

For 4K 160Hz refresh rate, please connect via the DisplayPort terminal.

輝度自動調整可能

朝から夜まで、部屋の明るさによって、自動的に輝度を調整可能、目の疲れが軽減します。

Image Description: A detailed view of the monitor's rear panel, highlighting the available input and output ports: HDMI 2.1 (x2), DisplayPort 1.4 (x1), USB Type-C (90W), USB-A 3.0 (x2), USB-B (x1), and a 3.5mm Audio Jack. This image demonstrates the monitor's extensive connectivity options.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button located on the monitor to turn it on or off.

4.2 On-Screen Display (OSD) Menu

Navigate the OSD menu using the joystick control on the monitor. The OSD allows you to adjust various settings such as picture mode, color, brightness, contrast, and gaming features.

Your browser does not support the video tag.

Video Description: This video demonstrates how to access and navigate the On-Screen Display (OSD) menu using the joystick on a similar INNOCN monitor (GA27V1M). It shows how to select different settings and adjust parameters.

4.3 Picture Settings

- **HDR1000:** This feature is off by default. To enable HDR, you must manually turn it on in the OSD menu. Note that if you directly enable HDR from the system settings, the screen may appear grayscale.
- **Local Dimming:** Can be enabled in the Game Settings section of the OSD menu.
- **Brightness Auto-Adjustment:** The monitor features an automatic brightness adjustment function. If not desired, this function can be turned off in the OSD settings.
- **Color Modes:** The 27M2V offers various scenario modes pre-configured for different uses. You can also customize display colors to suit your personal preferences.

スピーカーを内蔵し、HDR1000認定を取得し
PS5/Switchの映像効果を完全解放

HDR1000

HDR OFF

innocn

注:HDR機能はデフォルトで無効になっています。初めて手動でオンにしてください。

Image Description: A split-screen image on the monitor demonstrating the visual difference between HDR1000 enabled and HDR off. The HDR1000 side shows richer colors and greater contrast, enhancing the visual experience.

豊富なインターフェースで、様々な映像入力に対応します。

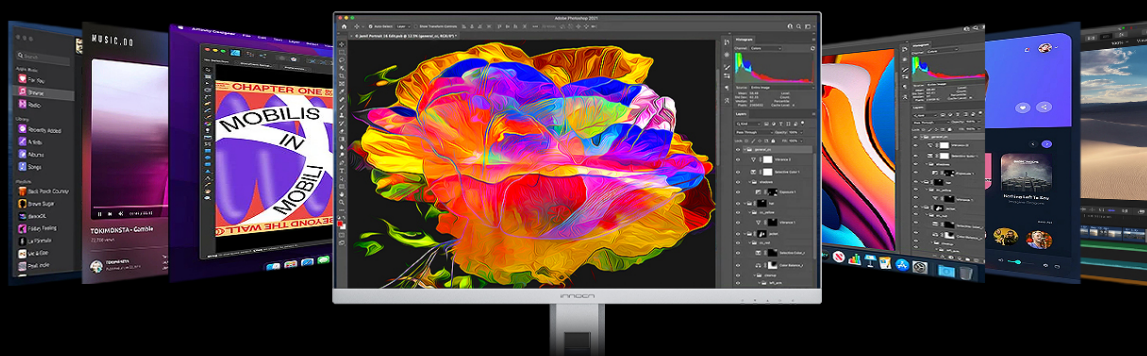| HDMI 2.1 *2 | DP 1.4 *1 | USB C 90W | USB-A 3.0*2 | USB-B *1 | 3.5MM Audio Jack |

Image Description: An image showing the monitor's automatic brightness adjustment feature. The screen displays a colorful cosmic scene, with a split view illustrating how the brightness adapts from a bright daytime setting to a dimmer nighttime setting, reducing eye strain.

5. FEATURES

5.1 4K MiniLED Display

The INNOCN 27M2V features a 27-inch 4K (3840x2160) MiniLED display with 2304 local dimming zones. This technology provides precise backlight control, achieving deep blacks and bright highlights with HDR1000 support. It boasts 99% DCI-P3, AdobeRGB, and sRGB color reproduction, making it ideal for professional use in image creation and photo editing.

2304分割QD―量子ドットIPSパネル

ローカディミング機能対応、ほぼ真っ黒の再現が可能

MiniLED 2304分割

MiniLED 1152分割

*ローカディミング機能について ゲ-ム設定→ローカディミングオン

Image Description: A diagram showcasing the monitor's 2304-zone MiniLED backlight on an IPS panel. It highlights the local dimming capability, which allows for near-perfect black reproduction and superior contrast compared to traditional displays.

Your browser does not support the video tag.

Video Description: This video highlights the features of an INNOCN MiniLED monitor, showcasing its vibrant colors, high contrast, and overall visual performance. It demonstrates the monitor's capabilities in displaying rich and detailed imagery.

5.2 High Refresh Rate and Response Time

Experience smooth and immersive gaming with a maximum refresh rate of 160Hz and a 1ms response time. The monitor supports AMD FreeSync Premium, which eliminates screen tearing and stuttering for a fluid gaming experience, especially in fast-paced games like FPS and racing titles.

Image Description: A split image on the monitor displaying a racing game. The left side shows the game running at 160Hz with a 1ms response time, exhibiting smooth motion. The right side shows the same game at 60Hz with a 10ms response time, demonstrating noticeable motion blur and less fluidity.

5.3 Eye Care Features

Equipped with low blue light control and a light sensor, the monitor helps reduce eye strain during long periods of use, supporting a comfortable working environment.

5.4 Built-in Speakers

The monitor includes built-in 5W x 2 speakers, providing audio output without the need for external speakers.
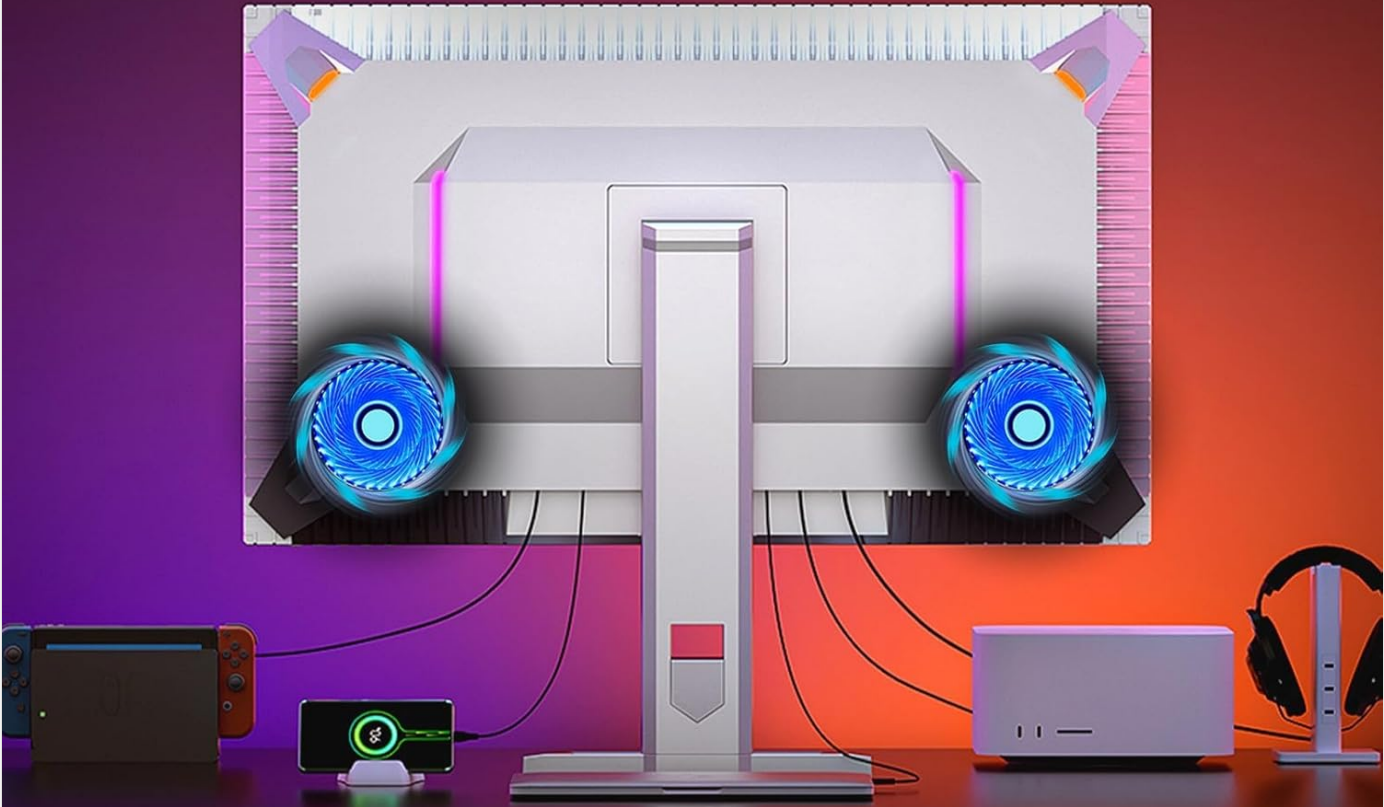
Image Description: A dynamic image of the monitor displaying a gaming scene, emphasizing its 4K 160Hz capability and the presence of built-in dual 5W speakers, indicated by sound wave graphics.

5.5 Cooling Fan

The monitor incorporates a high-performance cooling fan to ensure optimal performance during extended use. Please note that the fan may produce a sound of 35-40 decibels, which is normal operation.

高性能冷却ファンを内蔵

長時間にわたって極限のパフォーマンスを楽しめる

*冷却ファンが作動すると、35〜40デシベルの作動音が発生しますが、これは正常な現象です。

Image Description: A rear view of the monitor, highlighting its high-performance cooling fans with RGB lighting. This image illustrates the active cooling system designed to maintain extreme performance over long periods.

6. SPECIFICATIONS

Feature	Specification
Brand	INNOCN
Model Number	M27A6V (27M2V Series)
Product Dimensions (with stand)	23 x 62 x 37 cm
Item Weight (with stand)	6.6 kg
Screen Size	27 inches

Feature	Specification
Resolution	3840 x 2160 (4K UHD)
Aspect Ratio	16:9
Panel Type	IPS (Non-glare) - 2304 Local Dimming Zones
Refresh Rate	160Hz (Max)
Response Time	1ms
HDR Support	HDR1000
Color Gamut	99% DCI-P3, AdobeRGB, sRGB
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB Type-C (90W PD), 1x USB-B, 2x USB-A, 1x 3.5mm Audio
Speakers	Built-in (5W x 2)
VESA Mount	100x100mm
Adjustments	Height (120mm), Tilt (-5° to 20°), Swivel (±20°), Pivot (±90°)

7. MAINTENANCE

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

- **Cleaning:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.
- **Handling:** Avoid placing heavy objects on the monitor or applying excessive pressure to the screen.
- **Ventilation:** Ensure the monitor's vents are not obstructed to prevent overheating.

8. TROUBLESHOOTING

If you encounter any issues with your monitor, please refer to the following common troubleshooting steps:

- **No Power:** Check if the power cable is securely connected to both the monitor and the power outlet. Ensure the power adapter is functioning correctly.
- **No Signal:** Verify that the video cable (DP, HDMI, or Type-C) is properly connected to both the monitor and your device. Select the correct input source via the OSD menu.
- **Image Issues (Flickering, Distorted Colors):** Try adjusting the display settings in the OSD menu. Ensure your graphics card drivers are up to date.
- **HDR Display Appears Grayscale:** Manually enable HDR from the monitor's OSD menu, rather than directly from system settings.
- **Fan Noise:** The cooling fan may produce a sound of 35-40 decibels during operation, which is normal.

If the problem persists, please contact customer support for further assistance.

9. WARRANTY AND SUPPORT

INNOCN provides a 12-month warranty period for this product. If you have any questions or encounter any issues during use, please feel free to contact us via email. Our after-sales support team is available to assist you with setup or color

adjustment inquiries.

Contact Information:

- **Service Email (America):** service@innocn.com
- **Service Email (Japan):** service-japan@innocn.com
- **Service Email (Europe):** support-eu@innocn.com
- **Official Page:** www.innocn.com
- **Phone (Japan):** +81-50-5050-9696
- **Phone (America):** +1-855-669-0119

Please refer to the included warranty card for detailed terms and conditions.