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> INNOCN 27M2U Lite 27-inch MiniLED 4K Monitor User Manual

INNOCN 27M2U Lite

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Model: 27M2U Lite | Brand: INNOCN

1. INTRODUCTION

Thank you for choosing the INNOCN 27M2U Lite 27-inch MiniLED 4K Monitor. This monitor is designed to provide a superior visual experience with its advanced MiniLED technology, 4K UHD resolution, and HDR1000 support. This manual will guide you through the setup, operation, and maintenance of your new monitor to ensure optimal performance and longevity.

2. PRODUCT FEATURES

- **27-inch 4K UHD MiniLED Display:** Experience stunning visuals with 3840x2160 resolution and advanced MiniLED backlighting for precise local dimming and exceptional contrast.
- **HDR1000 Support:** Delivers a peak brightness of 1000 nits, providing vibrant colors and deep blacks for an immersive viewing experience.
- **Wide Color Gamut:** Boasts 100% sRGB, 99% DCI-P3, and 99% AdobeRGB coverage, making it ideal for professional video editing and graphic design.
- **USB-C Connectivity with 65W Power Delivery:** Simplify your workspace with a single USB-C cable for video, data transfer, and charging your compatible laptop or smartphone.
- **Extensive Connectivity:** Includes 2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB-C (65W PD), and a 3.5mm audio output jack.
- **Ergonomic Design:** Features a stand that allows for height adjustment, tilt, swivel, and pivot (vertical/horizontal rotation) for comfortable viewing angles.
- **Eye Care Technologies:** Equipped with a blue light reduction mode and automatic brightness adjustment to minimize eye strain during prolonged use.

innocn 4KミニLEDデザインモニター

27M2U Lite

鮮やかなカラーをお楽しみください
99% DCI-P3 対 99% Adobe RGB



Image: Illustration of MiniLED technology, showing the layers of the display panel including the quantum dot layer and MiniLED backlight, enabling high brightness and precise control.



色彩のプロ

99% DCI-P3 & 99% Adobe RGB

VESA CERTIFIED
DisplayHDR™ 1000

Image: A vibrant fish displayed on the monitor, illustrating the high contrast and vivid colors achieved with HDR1000 technology.



3840*2160
(UHD)

8bits+FRC
(1.07B)

1000000:1
高コントラスト比、色彩表現力を高めます。

Image: The monitor showcasing a wide color gamut, with indicators for 99% sRGB, 99% DCI-P3, and 99% Adobe RGB, highlighting its suitability for professional color-critical work.

3. PACKAGE CONTENTS

Please check the box for the following items:

- INNOCN 27M2U Lite Monitor
- Monitor Stand (Base and Neck)
- Power Adapter
- HDMI Cable (x1)
- USB-C Cable (65W compatible, recommended for full functionality)
- User Manual (this document)

4. SETUP INSTRUCTIONS

4.1 Stand Assembly

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws if provided.
3. Attach the stand base to the stand neck. Tighten any screws to secure the assembly.

4.2 VESA Mounting

The monitor supports VESA 100x100mm mounting. If you are using a monitor arm, you may remove the warranty seal on the VESA mount area; the warranty remains valid. Ensure the monitor arm is compatible with the monitor's weight (6.6kg including stand) and VESA pattern. Note that some square-shaped VESA mounts might interfere with a slight protrusion at the bottom of the monitor's VESA area, potentially requiring a spacer or quick-release plate.

4.3 Connecting Cables

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

- **Power:** Connect the power adapter to the monitor's DC 19V input and then to a power outlet.
- **Video Input:**
 - **HDMI:** Use the included HDMI cable or a certified HDMI 2.1 cable for 4K resolution at 60Hz. Older HDMI 1.0 or 1.4 cables may result in reduced performance (stuttering, ghosting, lower response).
 - **DisplayPort (DP):** Connect a DisplayPort 1.4 cable for optimal 4K 60Hz performance and 10-bit color depth (RGB).
 - **USB-C:** Connect a USB-C cable (65W compatible) to your device for video, data, and power delivery. Ensure your device supports DisplayPort Alternate Mode over USB-C.
- **Audio Output:** Connect headphones or external speakers to the 3.5mm audio jack.



Image: Detailed view of the monitor's rear ports, including Power Supply (DC 19V), Audio Out, USB-C (65W), DP1.4, and HDMI 2.1 ports.



Image: The monitor connected to a laptop via a single USB-C cable, demonstrating its 65W power delivery capability for a streamlined setup.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will show the monitor's status.

5.2 OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the joystick or buttons (depending on your model) on the back or bottom of the monitor to navigate the menu. Press the center button to confirm selections.

5.3 Display Settings

- **Brightness & Contrast:** Adjust these settings to your preference. The monitor also features an automatic brightness adjustment technology that senses ambient light and adjusts the screen brightness accordingly. This feature can be manually toggled On/Off in the OSD menu.
- **Color Modes:** Select from various color profiles such as sRGB, DCI-P3, or AdobeRGB to match your workflow requirements.
- **HDR Mode:** The HDR1000 function is designed for HDR-compatible games and movies. By default, HDR mode is

OFF from the factory. To enable it, you must manually turn it ON in the OSD menu. If HDR is directly enabled in your operating system without activating it on the monitor, the screen may appear gray.

- **Blue Light Reduction:** Activate the blue light reduction mode to minimize eye fatigue during extended viewing periods.
- **Input Source:** Manually select the input source (HDMI1, HDMI2, DP, USB-C) from the OSD menu if the monitor does not automatically detect it.



Image: The monitor displaying a scene with a split view, illustrating how automatic brightness adjustment adapts to different lighting conditions from day to night, reducing eye strain.

5.4 Ergonomic Adjustments

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

- **Height Adjustment:** Adjust the monitor height up to 12cm (max 15cm from desk, min 3cm).
- **Tilt:** Tilt the screen from -5° (forward) to $+20^{\circ}$ (backward).
- **Swivel:** Rotate the screen horizontally up to 20° to 25° left or right.
- **Pivot:** Rotate the screen 90° for vertical (portrait) orientation.

モニタの下に豊かなポートがある

VESA
100*100mm

重量
6.6kg(スタンドを含む)

本体カラー
ホワイト

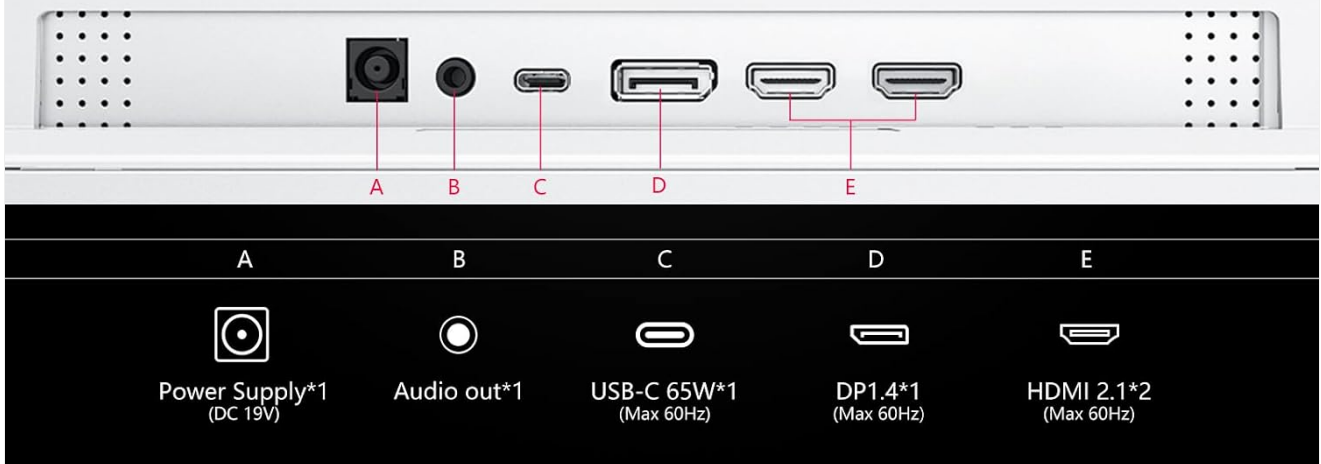
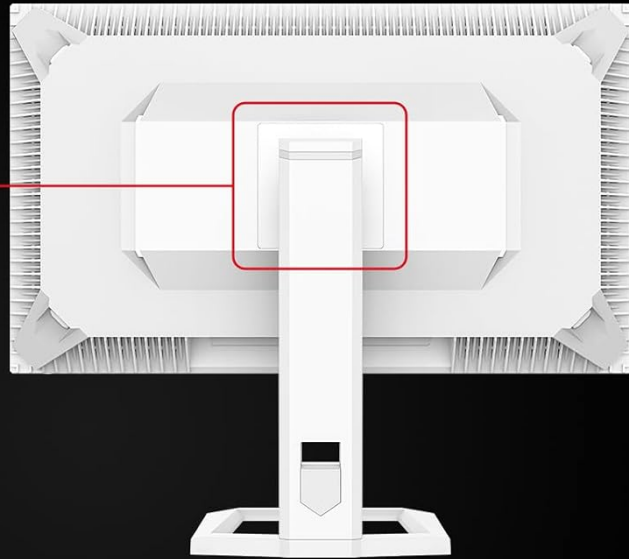


Image: Diagrams illustrating the monitor's ergonomic adjustments, including height, tilt, swivel, and pivot capabilities for optimal viewing.

6. MAINTENANCE

6.1 Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using alcohol-based cleaners or harsh chemicals. For the monitor body, use a soft, dry cloth.

6.2 Storage

When storing the monitor for an extended period, ensure it is powered off and disconnected from all cables. Store it in a cool, dry place, preferably in its original packaging, to protect it from dust and physical damage.

7. TROUBLESHOOTING

- **No Signal:** If the monitor displays "No Signal" after connecting cables, open the OSD menu and manually re-select the correct input source (HDMI, DP, or USB-C). Ensure all cables are securely connected.
- **Gray Screen in HDR Mode:** If the screen appears gray when HDR is enabled, ensure that HDR mode is manually activated within the monitor's OSD menu. Directly enabling HDR in your operating system without monitor activation can cause this issue.
- **Poor Image Quality (Stuttering, Ghosting):** This can occur if using older HDMI cables (e.g., HDMI 1.0 or 1.4) with a 4K high-end display. For optimal performance, use certified HDMI 2.1 or DisplayPort 1.4 cables.
- **USB-C Power Delivery Not Working:** Ensure you are using a USB-C cable rated for 65W power delivery. Not all USB-C cables support this wattage.
- **Monitor Arm Mounting Issues:** If your VESA mount does not fit perfectly, especially with square-shaped mounts, a small protrusion at the bottom of the monitor's VESA area might be the cause. Consider using a VESA spacer or a quick-release plate.

8. SPECIFICATIONS

Feature	Specification
Brand	INNOCN
Model Number	27M2U Lite
Screen Size	27 inches
Resolution	4K UHD (3840 x 2160)
Aspect Ratio	16:9
Panel Type	MiniLED, Non-glare LCD
Refresh Rate	60 Hz
Response Time	12 ms
HDR Support	HDR1000
Color Gamut	100% sRGB, 99% DCI-P3, 99% AdobeRGB
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB-C (65W PD), 1x 3.5mm Audio Out
VESA Compatibility	100x100mm
Weight (with stand)	6.6 kg
Dimensions (D x W x H)	23 x 62 x 40 cm
Color	Silver
Usage	Gaming, Business, Photo/Video Editing

9. WARRANTY AND SUPPORT

INNOCN provides a **12-month warranty period** for this product. If you encounter any issues or have questions regarding

your monitor, please do not hesitate to contact us via email. Our support team is ready to assist you.

Note on Warranty Seal: When using a monitor arm, it is acceptable to remove the warranty seal located on the VESA mounting area. The product warranty remains valid even if this seal is removed.