MSI MPG 272URX QD-OLED

MSI MPG 272URX QD-OLED 27-inch 4K UHD Gaming Monitor User Manual

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MSI MPG 272URX QD-OLED 27-inch 4K UHD Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.



Front view of the MSI MPG 272URX QD-OLED monitor, showcasing its vibrant display and sleek design.

Setup

1. Unpacking and Assembly

Carefully remove all components from the packaging. Ensure all parts are present before proceeding with assembly. Attach the stand base to the stand neck, then secure the assembled stand to the monitor panel. Alternatively, the monitor supports VESA mounting for wall or arm installation (100x100mm).

2. Connecting Your Monitor

The MSI MPG 272URX QD-OLED monitor offers multiple connectivity options:

- **HDMI 2.1:** Connect up to two HDMI devices for 4K UHD resolution at 120Hz.
- **DisplayPort 2.1a (UHBR20):** Connect to a compatible graphics card for 4K UHD resolution at 240Hz, offering up to 80Gbps bandwidth.
- **USB Type-C (DP Alt Mode):** Connect compatible devices for video input and power delivery (up to 98W).
- **USB Type-A:** Two USB Type-A ports are available for connecting peripherals.
- **Headphone-out:** Connect headphones or external speakers.



Detailed view of the monitor's rear panel, highlighting the various input and output ports including HDMI, DisplayPort, USB-C, USB-A, and headphone jack.

3. Power On

Connect the power cable to the monitor and a power outlet. Press the power button, typically located on the bottom or rear of the monitor, to turn it on.

Operating Instructions

1. On-Screen Display (OSD) Navigation

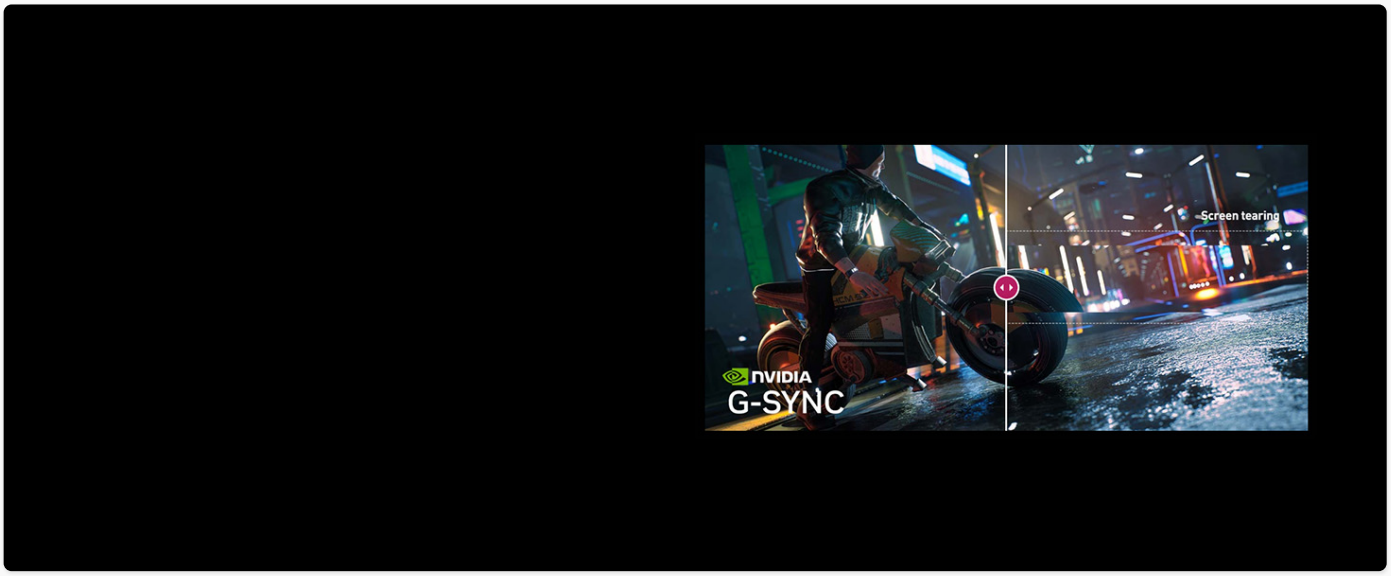
The monitor features a 5-way joystick located on the bottom center of the back panel for navigating the On-Screen Display (OSD) menu. This joystick allows you to adjust various monitor settings.



An illustration detailing the KVM switch functionality, Mystic Light ambient lighting, and the ergonomic 5-way joystick for OSD navigation.

2. Display Settings

- **Resolution:** The native resolution is 3840 x 2160 (4K UHD). Ensure your connected device is configured to output this resolution for optimal clarity.
- **Refresh Rate:** Supports up to 240Hz. Adjust this setting in your operating system or graphics card control panel for smoother motion.
- **HDR:** The monitor is VESA DisplayHDR True Black 400 certified, providing enhanced contrast and color. Enable HDR in your device's display settings for compatible content.
- **Color Modes:** Access various color profiles through the OSD menu, such as ProColor mode and P3, to suit different content types.



An image explaining VESA Certified DisplayHDR True Black 400, indicating the monitor's capability for high brightness range and deep blacks.

3. Special Features

- **QD-OLED Technology:** This monitor utilizes a blue self-emitting layer synergized with Quantum Dot technology to produce vibrant colors and deeper blacks.
- **NVIDIA G-SYNC Compatible:** For smoother, tear-free gaming, ensure NVIDIA G-SYNC is enabled in your NVIDIA control panel. This synchronizes the monitor's refresh rate with your GPU.
- **KVM Switch:** The integrated KVM switch allows you to control multiple devices (e.g., a gaming PC and a Mac mini)

using a single set of keyboard, mouse, and the monitor. Switch between inputs via the OSD.

- **Type-C Display with Power Delivery:** Connect compatible laptops or devices via the USB Type-C port to simultaneously display video (DisplayPort Alt Mode) and provide up to 98W of power.
- **Mystic Light:** If your system supports MSI Mystic Light, you can synchronize the monitor's ambient lighting with other Mystic Light enabled products.



A visual comparison demonstrating the benefit of NVIDIA G-SYNC, showing a screen with tearing on one side and a smooth display on the other.

Maintenance

1. OLED Care 2.0

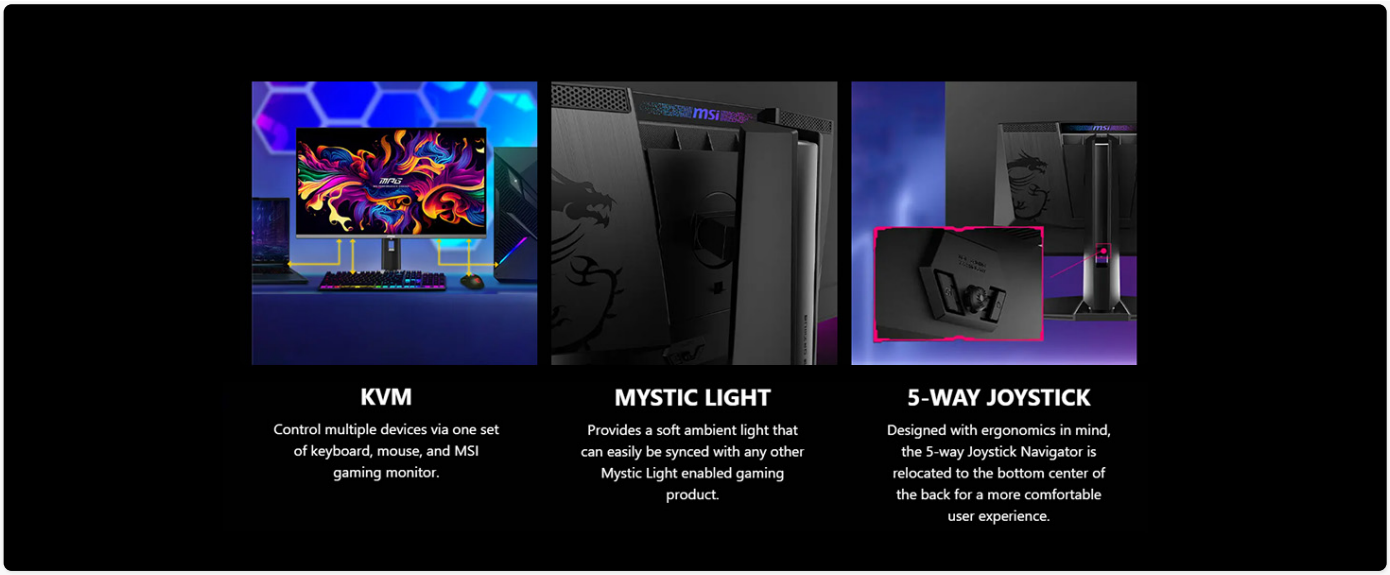
The monitor incorporates OLED Care 2.0 technology to help prevent burn-in and maintain panel longevity. This system performs pixel refresh cycles. By default, the system may prompt for a 'Panel Protect' pass after approximately 4 hours of continuous use. After 16-24 hours of continuous use (depending on firmware), a forced refresh may occur. These processes are normal and essential for OLED panel health.

2. 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 non-abrasive, monitor-safe cleaning solution. Avoid spraying liquids directly onto the screen or into any openings.

Troubleshooting

- **No Image on Screen:** Ensure all video cables (HDMI, DisplayPort, USB-C) are securely connected to both the monitor and the source device. Verify the monitor is powered on and the correct input source is selected via the OSD.
- **No Sound:** Check the headphone-out connection. Ensure the volume is not muted on the monitor or the connected device.
- **Screen Tearing/Stuttering:** Confirm that Adaptive-Sync (G-SYNC Compatible) is enabled in your graphics card settings and that your refresh rate is set correctly.
- **Firmware Update Issues:** If a firmware update causes issues (e.g., black screen, infinite beep), refer to MSI's official support website for specific recovery procedures. Firmware updates are typically performed via a DP connector.



An image illustrating the location of the firmware update port, typically a DisplayPort connector, on the back of the monitor.

Specifications

Feature	Specification
Screen Size	27 inches
Panel Type	QD-OLED
Resolution	3840 x 2160 (4K UHD)
Refresh Rate	240Hz
Response Time	0.03ms (GtG)
Aspect Ratio	16:9
HDR Certification	VESA DisplayHDR True Black 400
Video Inputs	2x HDMI 2.1, 1x DisplayPort 2.1a, 1x USB Type-C (DP Alt Mode)
USB Ports	2x USB Type-A, 1x USB Type-B
Audio Output	Headphone-out
VESA Mounting	100x100mm
Weight	25 pounds
Dimensions (LxWxH)	9.53 x 24.01 x 16.62 inches

Warranty and Support

The MSI MPG 272URX QD-OLED monitor comes with a 3-year warranty, which includes coverage for burn-in. For detailed warranty terms, technical support, driver downloads, and firmware updates, please visit the official MSI website or contact MSI customer service.



A visual representation of the 3-year warranty for MSI OLED products, including burn-in coverage.

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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.

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