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- › MSI /
- › MSI MAG401QR 40-inch UWQHD 155Hz IPS Gaming Monitor User Manual

MSI MAG401QR

MSI MAG401QR 40-inch UWQHD 155Hz IPS Gaming Monitor User Manual

Model: MAG401QR

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MSI MAG401QR 40-inch UWQHD 155Hz IPS Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.



Figure 1.1: Front view of the MSI MAG401QR Gaming Monitor.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging. If any items are missing or damaged, please contact your retailer or MSI customer support.

- MSI MAG401QR Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- USB Type-C Cable
- USB Type-B to Type-A Cable
- Documentation (Quick Start Guide, Warranty Card)

3. SETUP

3.1 Stand Assembly

Follow these steps to assemble the monitor stand:

1. Carefully place the monitor face down on a soft, clean surface to prevent screen damage.
2. Attach the stand neck to the back of the monitor using the provided screws.
3. Secure the stand base to the stand neck.
4. Ensure all screws are tightened securely.

Alternatively, the monitor supports VESA mounting for wall or desk mounts (100x100mm). Remove the stand neck before attaching a VESA mount.



Figure 3.1: Rear view illustrating the stand attachment and VESA mounting points.

3.2 Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables. The monitor offers various input options:

- **HDMI (2.0b):** For high-definition video and audio.
- **DisplayPort (1.4a):** For high-resolution and high refresh rate video.
- **USB Type-C (DP alt mode):** Supports video input, data transfer, and 65W power delivery.
- **USB 2.0 Type B:** Connects to your computer to enable the monitor's USB 2.0 Type A ports and KVM functionality.
- **USB 2.0 Type A (x2):** For connecting peripherals like keyboards, mice, or USB drives.
- **Headphone Out:** For connecting headphones or external speakers.

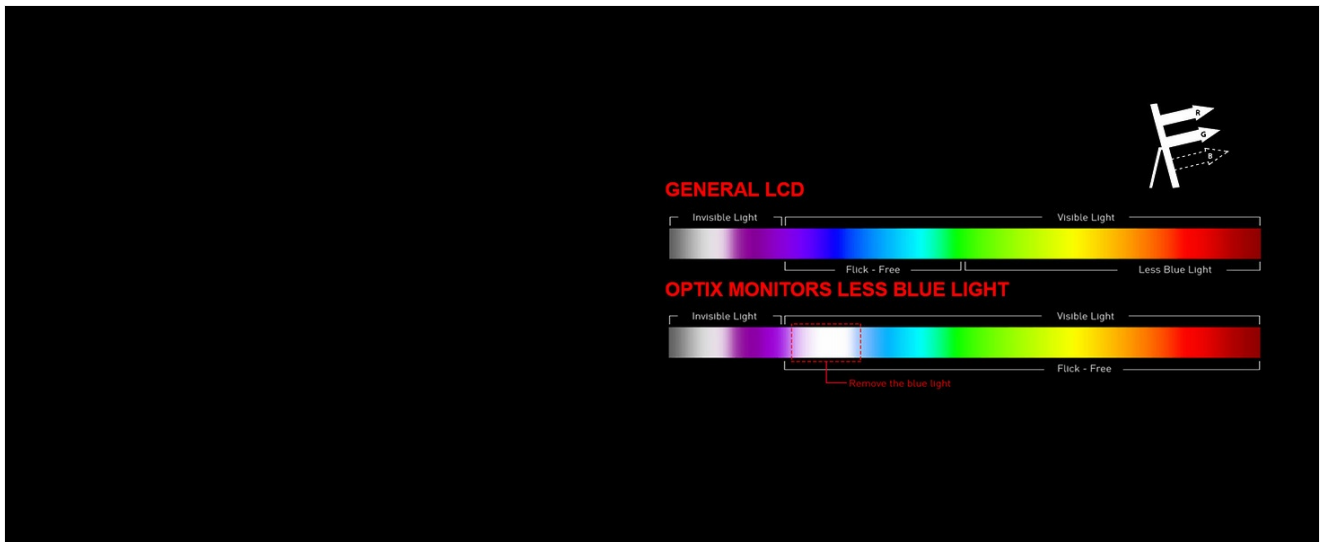


Figure 3.2: Detailed view of the monitor's input and output ports.

3.3 Power Connection

Connect the power cable to the monitor's AC power jack and then to a power outlet. The monitor is now ready for use.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and OSD Navigation

The monitor features a 5-way joystick navigator located on the back for power control and On-Screen Display (OSD) menu navigation.

- **Power On/Off:** Press the joystick inwards to power on or off the monitor.
- **OSD Menu:** Press the joystick inwards to open the OSD menu. Use the joystick to navigate through menu options (Up/Down/Left/Right) and confirm selections.

For advanced control, you can install the MSI Gaming OSD software on your computer, which allows you to adjust monitor settings directly from your desktop.

4.2 Display Settings

Adjust various display settings through the OSD menu to optimize your viewing experience.

- **Resolution & Refresh Rate:** The monitor supports UWQHD (3440 x 1440) resolution with a refresh rate of up to 155Hz. Ensure your graphics card and connection type support these specifications.
- **FreeSync Premium:** Enable FreeSync Premium in the OSD menu and your graphics card settings for tear-free and stutter-free gaming.
- **HDR400:** The monitor is VESA DisplayHDR 400 certified, offering enhanced contrast and color. Activate HDR in your operating system display settings.
- **Anti-Flicker:** This technology reduces screen flickering, providing a more comfortable viewing experience and reducing eye strain.
- **Less Blue Light:** Reduces blue light emissions to protect your eyes during extended use.
- **Night Vision:** Enhances details in dark areas of the screen, useful for gaming.
- **Wide Color Gamut:** Provides a broader range of colors for more vibrant and realistic visuals.



Figure 4.1: Key display features of the MAG401QR monitor.

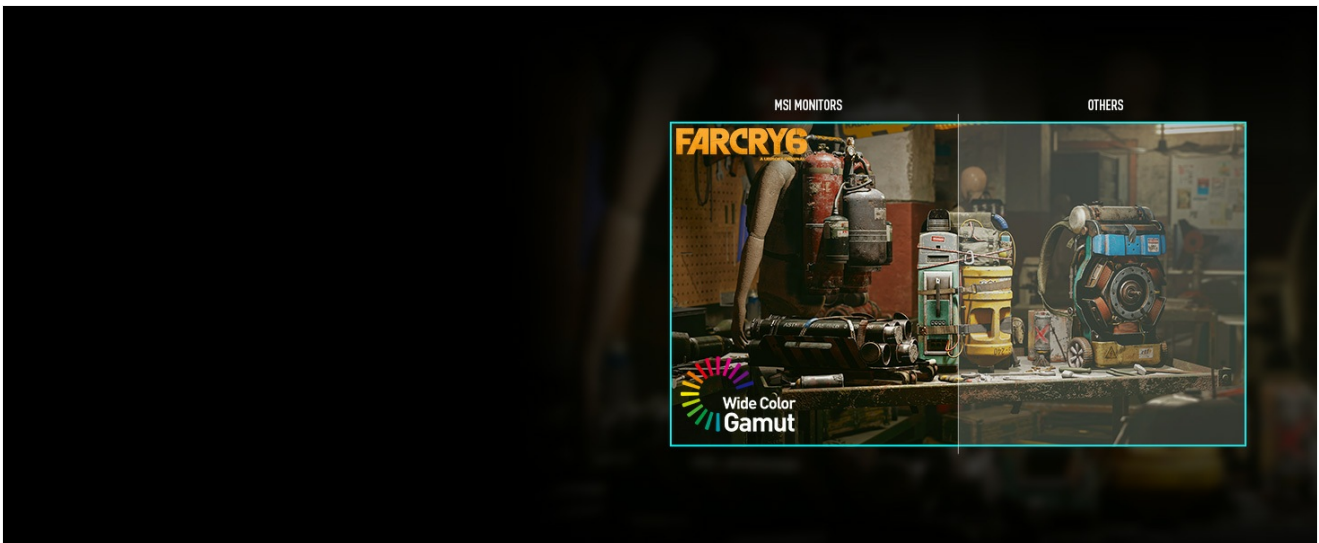


Figure 4.2: Illustration of the Anti-Flicker technology.



Figure 4.3: Demonstration of the Night Vision feature.

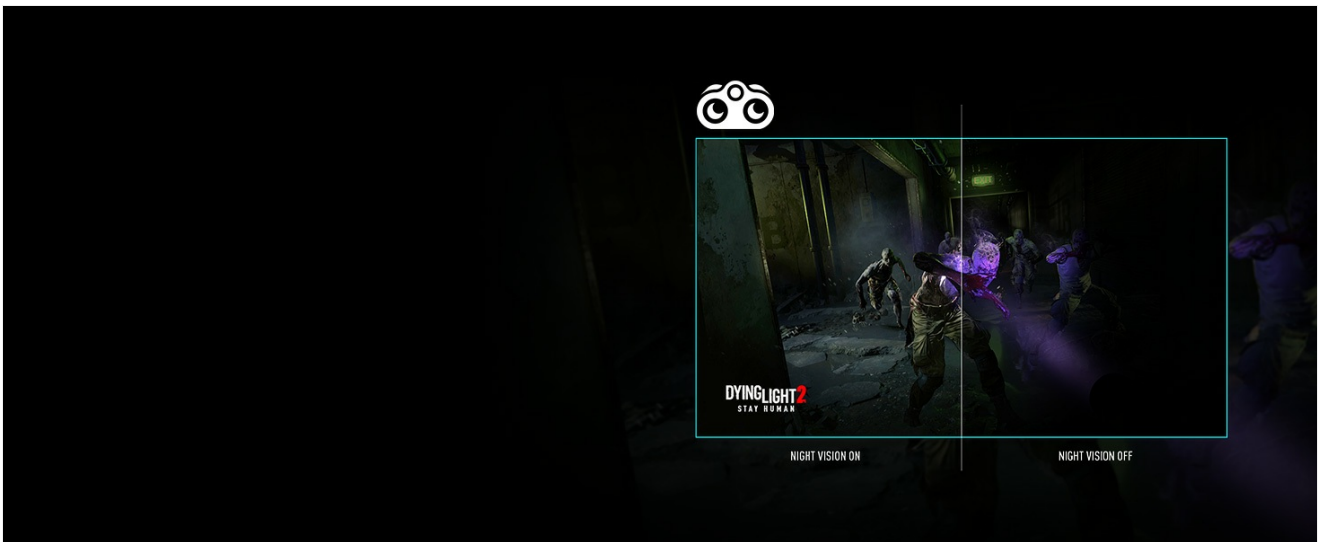


Figure 4.4: Explanation of Less Blue Light technology.

4.3 KVM Functionality

The integrated KVM (Keyboard, Video, Mouse) switch allows you to control multiple devices connected to the monitor using a single set of keyboard and mouse. Connect your primary computer via DisplayPort or HDMI and the USB Type-B upstream port. Connect a second device (e.g., a laptop) via USB Type-C. You can then switch control between devices using the OSD menu.

4.4 USB Type-C Power Delivery

The USB Type-C port supports up to 65W Power Delivery, allowing you to charge compatible devices like laptops directly through the monitor while simultaneously receiving video and data signals.



Figure 4.5: USB Type-C with 65W Power Delivery capability.

4.5 Physical Adjustments

The monitor stand allows for tilt adjustment to find your optimal viewing angle.

- **Tilt:** Adjust the screen tilt from -5° to 20° (forward/backward).



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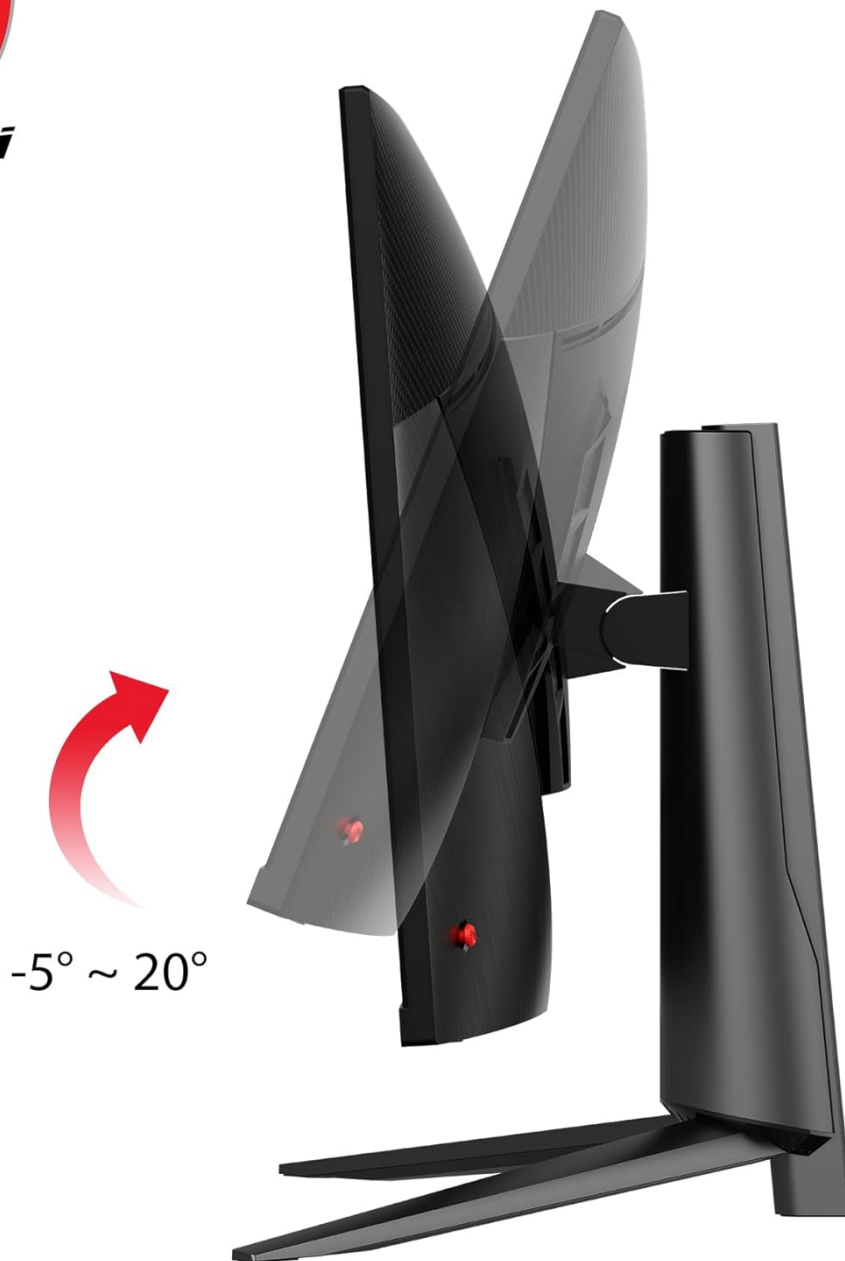


Figure 4.6: Monitor tilt adjustment range.

5. MAINTENANCE

5.1 Cleaning the Screen

To clean the monitor screen:

1. Turn off the monitor and unplug the power cable.
2. Gently wipe the screen with a soft, lint-free cloth.
3. For stubborn marks, lightly dampen the cloth with water or a screen-specific cleaning solution (avoid ammonia-based cleaners).
4. Do not spray liquid directly onto the screen.

5.2 Cleaning the Exterior

Wipe the monitor's exterior surfaces with a soft, dry cloth. Avoid using abrasive cleaners or solvents.

6. TROUBLESHOOTING

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

- **No Power:** Ensure the power cable is securely connected to both the monitor and the power outlet. Check if the power outlet is functional.
- **No Display:** Verify that the video cable (HDMI, DisplayPort, or USB-C) is correctly connected to both the monitor and your computer. Ensure the correct input source is selected in the OSD menu.
- **Flickering or Distorted Image:** Check video cable connections. Try a different video cable or port. Ensure your graphics card drivers are up to date. Adjust refresh rate settings.
- **OSD Menu Not Responding:** Try resetting the monitor by unplugging it for a few minutes. If using the Gaming OSD software, ensure it is installed correctly and the USB Type-B cable is connected.
- **Dead Pixels:** While rare, if you observe persistent dark or bright spots, refer to MSI's pixel policy for warranty information.

If the problem persists after attempting these steps, please contact MSI customer support.

7. SPECIFICATIONS

Below are the technical specifications for the MSI MAG401QR Gaming Monitor:

Feature	Specification
Screen Size	40 Inches
Panel Type	IPS
Resolution	3440 x 1440 (UWQHD)
Aspect Ratio	21:9
Refresh Rate	155 Hz
Response Time	1ms (MPRT)
HDR Support	VESA DisplayHDR 400
Adaptive Sync	FreeSync Premium
Connectivity	2x HDMI (2.0b), 1x DisplayPort (1.4a), 1x USB Type-C (DP alt mode, 65W PD), 1x USB 2.0 Type B (upstream), 2x USB 2.0 Type A (downstream), 1x Headphone Out
Tilt Adjustment	-5° ~ 20°
VESA Mounting	100 x 100 mm
Item Weight	27.6 pounds
Product Dimensions (LxWxH)	37 x 11.4 x 21 inches



Figure 7.1: Monitor dimensions.

8. WARRANTY INFORMATION

The MSI MAG401QR Gaming Monitor typically comes with a 3-year warranty. For specific terms and conditions, please refer to the warranty card included in your product package or visit the official MSI website. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries, please visit the official MSI website or contact their customer service department. You can find contact information and FAQs on the MSI support page.

Official Product Video:

Video 9.1: Product Overview Video for the MSI MAG401QR Gaming Monitor, highlighting key features and benefits.