

msi Optix MPG341QR

MSI MPG341QR 34-inch UWQHD Gaming Monitor User Manual

Model: Optix MPG341QR

INTRODUCTION

This manual provides instructions for the MSI MPG341QR 34-inch UWQHD Gaming Monitor. It covers installation, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The MSI MPG341QR features a 34-inch IPS panel with a 3440 x 1440 (UWQHD) resolution, a 144Hz refresh rate, and a 1ms response time. It is NVIDIA G-Sync Compatible and supports DisplayHDR 400 for enhanced visual experiences.

 SCREEN SIZE	 REFRESH RATE	 NVIDIA G-SYNC COMPATIBLE	 WIDE COLOR GAMUT
 RESOLUTION	 RESPONSE TIME	 DISPLAY HDR400	 RAPID BOOST

Key features of the MSI MPG341QR monitor, including screen size, refresh rate, G-Sync compatibility, resolution, response time, and HDR support.

SETUP

1. Unpacking and Assembly

Carefully remove all components from the packaging. Ensure the following items are present:

- MSI MPG341QR Monitor
- Monitor Stand (Base and Arm)

- Power Cable
- DisplayPort Cable
- HDMI Cable
- USB Type-B to Type-A Cable (for USB Hub/KVM)
- Documentation (Quick Start Guide, Warranty Card)

To assemble the stand, attach the stand arm to the monitor panel, then secure the base to the arm using the provided screws. The monitor is also VESA mount compatible (100x100mm) for alternative mounting solutions.



Front view of the MSI MPG341QR monitor with its stand.

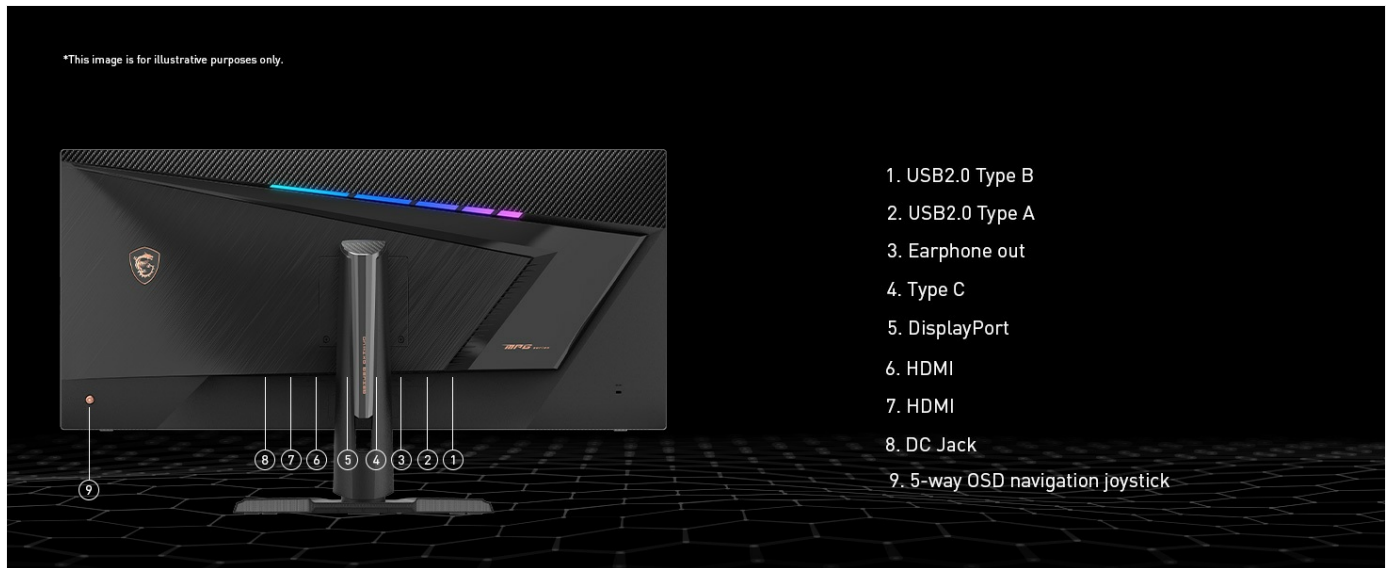
2. Connecting Cables

Connect the necessary cables to the monitor's I/O ports:

1. **Power Cable:** Connect the power cable to the monitor's DC Jack and then to a power outlet.
2. **Video Input:** Connect a DisplayPort, HDMI, or USB Type-C cable from your computer or device to the corresponding port

on the monitor. The monitor has 1x DisplayPort, 2x HDMI, and 1x USB Type-C port.

3. **USB Upstream:** For the integrated USB hub and KVM functionality, connect the USB Type-B to Type-A cable from your computer to the monitor's USB 2.0 Type B port.
4. **Audio Output:** If desired, connect headphones or external speakers to the Earphone out port.



Detailed view of the monitor's input/output ports.

3. Physical Adjustments

The monitor stand allows for ergonomic adjustments:

- **Height Adjustment:** Raise or lower the monitor to your preferred viewing height.
- **Tilt:** Adjust the screen's vertical angle (forward or backward).
- **Swivel:** Rotate the screen horizontally left or right.

The monitor's adjustable stand allows for height, tilt, and swivel adjustments.

OPERATING INSTRUCTIONS

1. Power On/Off

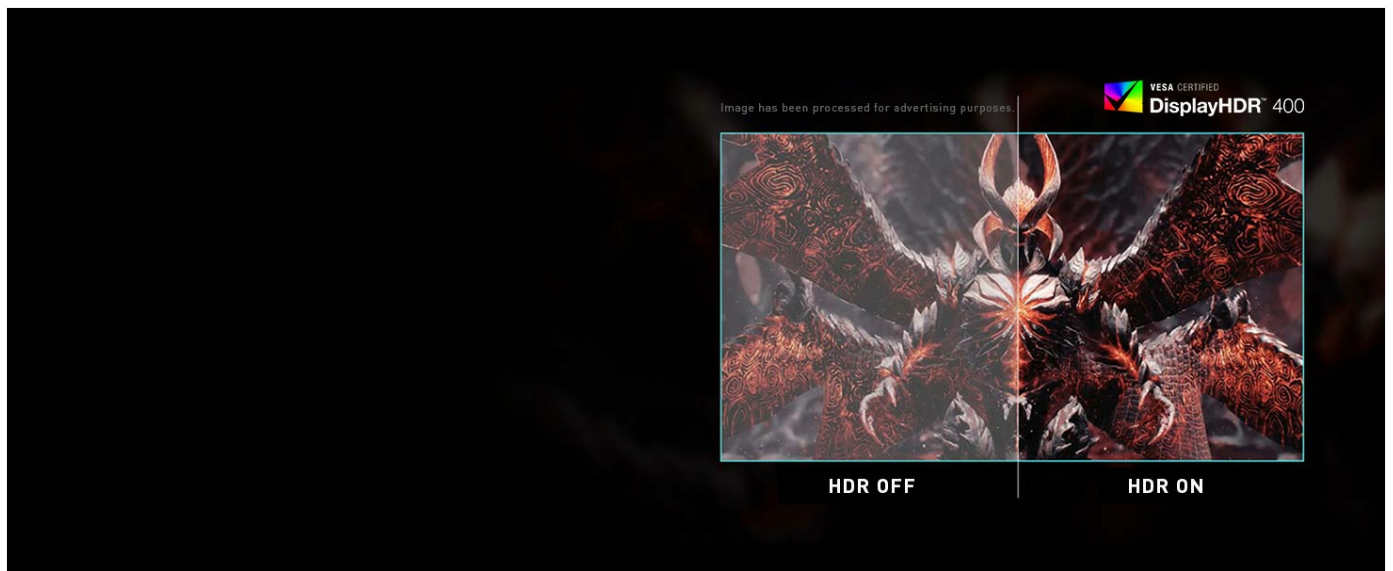
Press the power button, usually located on the bottom or rear of the monitor, to turn the display on or off. The power LED will indicate the monitor's status.

2. On-Screen Display (OSD) Navigation

The monitor features a 5-way OSD navigation joystick, typically located on the rear, to access and adjust monitor settings. Push the joystick in to open the OSD menu, then move it up/down/left/right to navigate and select options.

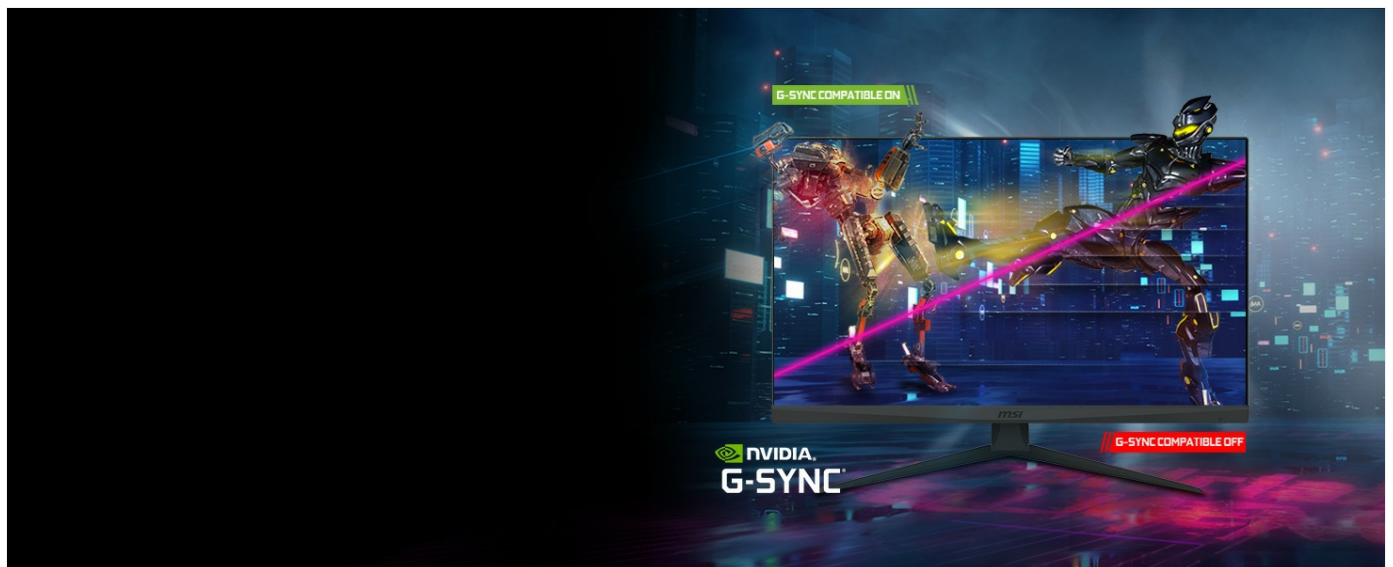
3. Display Settings

- **Resolution:** Ensure your operating system is set to the native resolution of 3440 x 1440 for optimal image clarity.
- **Refresh Rate:** Set your display adapter to 144Hz for the smoothest visual experience.
- **Response Time:** The monitor offers a 1ms MPRT (Moving Picture Response Time). This setting can be adjusted in the OSD. Activating MPRT may reduce motion blur but can also lower overall screen brightness.
- **HDR 400:** Enable HDR in your operating system and monitor OSD for enhanced contrast and color vibrancy in compatible content.



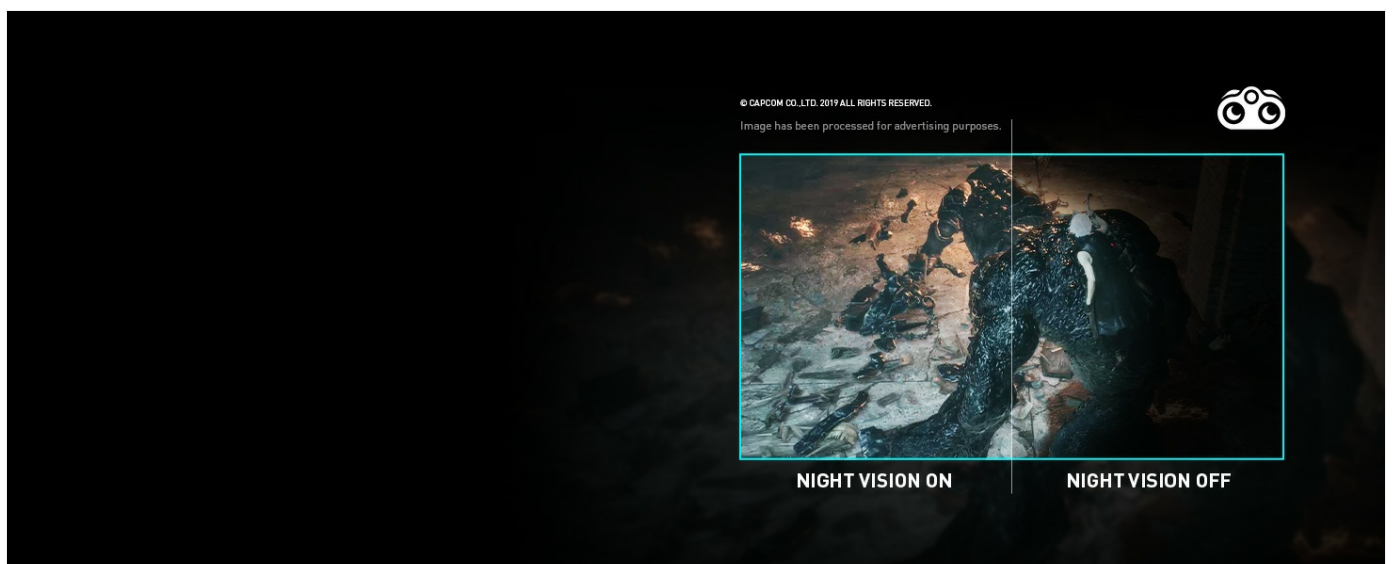
Visual comparison of HDR (High Dynamic Range) enabled and disabled.

- **G-Sync Compatibility:** This monitor supports NVIDIA G-Sync to eliminate screen tearing and stuttering. Ensure G-Sync is enabled in your NVIDIA control panel.



NVIDIA G-SYNC compatibility ensures smooth, tear-free gaming.

- **Night Vision Mode:** This feature enhances details in dark areas of games, providing better visibility.



Night Vision Mode improves visibility in dark game environments.

4. KVM Functionality

The integrated KVM (Keyboard, Video, Mouse) switch allows you to control multiple devices connected to the monitor using a single keyboard and mouse. Connect your peripherals to the monitor's USB Type-A ports and your devices to the monitor's video inputs and the USB Type-B upstream port. Switch between devices via the OSD or a dedicated hotkey (if available).



KVM functionality enables control of multiple devices with one set of peripherals.

5. Gaming OSD App

MSI provides a Gaming OSD software application that allows you to adjust monitor settings directly from your desktop. Download and install the latest version from the official MSI website. Ensure the USB Type-B cable is connected between your PC and the monitor for this feature to function.

MAINTENANCE

1. Cleaning the Screen

To clean the screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. **Do not use alcohol, ammonia, or abrasive cleaners** as these can damage the screen surface.

2. Cleaning the Casing

Wipe the monitor casing with a soft, damp cloth. Avoid spraying liquids directly onto the monitor.

3. Storage

If storing the monitor for an extended period, disconnect all cables and pack it in its original packaging or a suitable protective container. Store in a cool, dry environment.

TROUBLESHOOTING

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

- **No Power:**

Ensure the power cable is securely connected to both the monitor and a working power outlet. Check if the power adapter's LED (if applicable) is illuminated.

- **No Signal/Blank Screen:**

Verify that the video cable (DisplayPort, HDMI, or USB Type-C) is firmly connected to both the monitor and your computer/device. Use the OSD joystick to manually select the correct input source. Ensure your computer is powered on and not in sleep mode.

• **Screen Flickering:**

This can sometimes be caused by a faulty or low-quality video cable. Try using a different, high-quality DisplayPort or HDMI cable. Ensure your graphics card drivers are up to date. Check for available monitor firmware updates on the MSI website.

• **Image is Blurry or Distorted:**

Confirm that your computer's display settings are configured to the monitor's native resolution (3440 x 1440) and desired refresh rate (144Hz). Check the video cable for damage.

• **Colors Appear Incorrect:**

Reset the monitor's color settings to factory defaults via the OSD. Disable or enable HDR mode to see if it resolves the issue.

• **KVM Functionality Not Working:**

Ensure the USB Type-B upstream cable is connected from the monitor to your primary computer. Verify that all peripherals are connected to the monitor's USB Type-A downstream ports. Check KVM settings in the OSD.

• **OSD Not Responding:**

Power cycle the monitor by unplugging it from the power source for a few seconds, then plugging it back in.

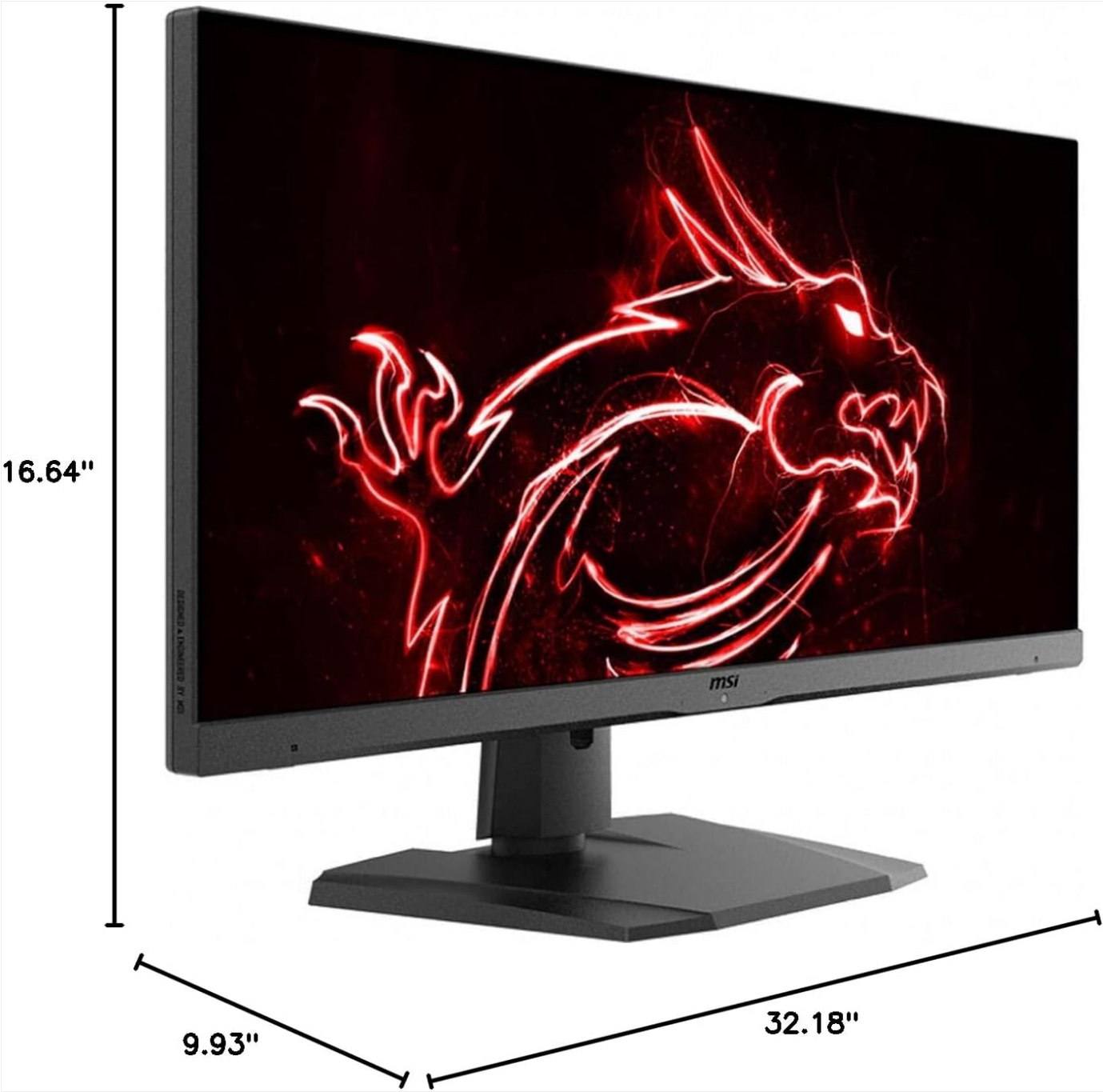
• **IPS Glow/Backlight Bleed:**

IPS panels may exhibit some degree of 'IPS glow' or backlight bleed, especially visible on dark backgrounds in a dark room. This is a characteristic of IPS technology and can vary between individual units.

SPECIFICATIONS

Feature	Specification
Brand	msi
Model	Optix MPG341QR
Screen Size	34 Inches
Resolution	3440 x 1440 (UWQHD)
Aspect Ratio	21:9
Panel Type	IPS
Refresh Rate	144 Hz
Response Time	1 Milliseconds (MPRT)
Brightness	400 cd/m²
Contrast Ratio	1,000:1
Viewing Angle	178° (H) / 178° (V)
HDR Support	DisplayHDR 400
Adaptive Sync	NVIDIA G-Sync Compatible
Connectivity	1x DisplayPort, 2x HDMI, 1x USB Type-C, 1x USB 2.0 Type B (upstream), 3x USB 2.0 Type A (downstream), Earphone out

Adjustability	Tilt, Swivel, Height Adjustable
Mounting	VESA Wall Mount Compatible (100x100mm)
Dimensions (D x W x H)	9.93"D x 32.18"W x 16.64"H
Weight	27.2 Pounds
Power Consumption	15 Watts (typical)



Physical dimensions of the MSI MPG341QR monitor.

WARRANTY AND SUPPORT

Warranty Information

The MSI MPG341QR monitor comes with a **3-year limited warranty**. Please refer to the warranty card included in your product packaging for detailed terms and conditions. Keep your proof of purchase for warranty claims.

Technical Support

For technical assistance, driver downloads, firmware updates, and further product information, please visit the official MSI website: www.msi.com

You can also find contact information for customer service and support in your region on the MSI website.

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