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msi MAG 325CQRXF E2

MSI MAG 325CQRXF E2 Gaming Monitor User Manual

Model: MAG 325CQRXF E2

1. Introduction

Thank you for choosing the MSI MAG 325CQRXF E2 Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your monitor. Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage.

2. Safety Information

Always follow these basic safety precautions to reduce the risk of fire, electric shock, and injury:

- Do not expose the monitor to rain or moisture.
- Do not disassemble the monitor. Refer servicing to qualified personnel.
- Ensure the power cord is properly grounded and connected to a suitable power outlet.
- Avoid placing the monitor in direct sunlight or near heat sources.
- Use only the power adapter and cables provided by the manufacturer.
- Clean the monitor with a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.

3. Package Contents

Please check the contents of your package. If any items are missing or damaged, contact your retailer.

- MSI MAG 325CQRXF E2 Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- HDMI Cable
- DisplayPort Cable
- USB Type-C Cable
- User Manual and Warranty Card

4. Product Overview

4.1 Monitor Features

- **31.5-inch WQHD (2560 x 1440) Curved Display:** Provides a wide and immersive viewing experience with a 1000R curvature.
- **Rapid VA Panel:** Delivers a fast 0.5ms (GtG, Min.) response time and 240Hz refresh rate for smooth, tear-free visuals.
- **Adjustable Stand:** Offers tilt (-5° to 15°), height (0-100mm), and swivel (-30° to 30°) adjustments for optimal ergonomics.
- **AI Vision:** Enhances details in dark areas and improves overall brightness and color saturation.
- **Less Blue Light Technology:** Reduces blue light emission for improved eye comfort during extended use.
- **HDR Ready:** Supports High Dynamic Range content for richer detail and a wider color range.
- **Anti-Flicker:** Reduces screen flickering to provide a more comfortable viewing experience.

4.2 Monitor Layout



Figure 4.1: Front view of the MSI MAG 325CQRXF E2 monitor, showcasing its curved display and stand.



Figure 4.2: Rear view of the monitor, highlighting the input/output ports including HDMI, DisplayPort, USB Type-C, and headphone-out.

4.3 Dimensions



Figure 4.3: Diagram illustrating the physical dimensions of the monitor (height, width, depth).

5. Setup

5.1 Assembling the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting holes. Secure with screws if necessary.
3. Attach the stand base to the bottom of the stand neck. Tighten the thumb screw or screws to secure the base.
4. Carefully lift the monitor and place it on a stable, flat surface.

5.2 Connecting to a Computer

The monitor supports HDMI, DisplayPort, and USB Type-C video inputs.

1. Ensure both the monitor and your computer are powered off.
2. Connect one end of the HDMI, DisplayPort, or USB Type-C cable to the corresponding port on your computer's graphics card.
3. Connect the other end of the cable to the corresponding input port on the monitor.
4. For audio output, connect headphones or external speakers to the 3.5mm headphone-out jack on the monitor.

5.3 Power Connection

1. Connect the power adapter to the monitor's power input jack.
2. Plug the power cord into the power adapter.
3. Plug the other end of the power cord into a grounded electrical outlet.

6. Operating

6.1 Powering On/Off

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

6.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the 5-way joystick on the back of the monitor to navigate the menu.

- **Press the joystick:** Enter OSD menu / Confirm selection.
- **Move joystick Up/Down:** Navigate menu options.
- **Move joystick Left/Right:** Adjust values / Navigate sub-menus.

6.3 Key Features in Operation



Figure 6.1: Visual representation of the monitor's 240Hz refresh rate and 0.5ms response time for smooth gaming.

Rapid VA Panel (240Hz Refresh Rate & 0.5ms Response Time): This monitor is equipped with a high-performance VA panel that delivers an ultra-fast 240Hz refresh rate and a minimal 0.5ms (GtG, Min.) response time. These specifications are crucial for competitive gaming, ensuring fluid motion and virtually no ghosting or tearing, allowing for quicker reactions and a smoother visual experience.

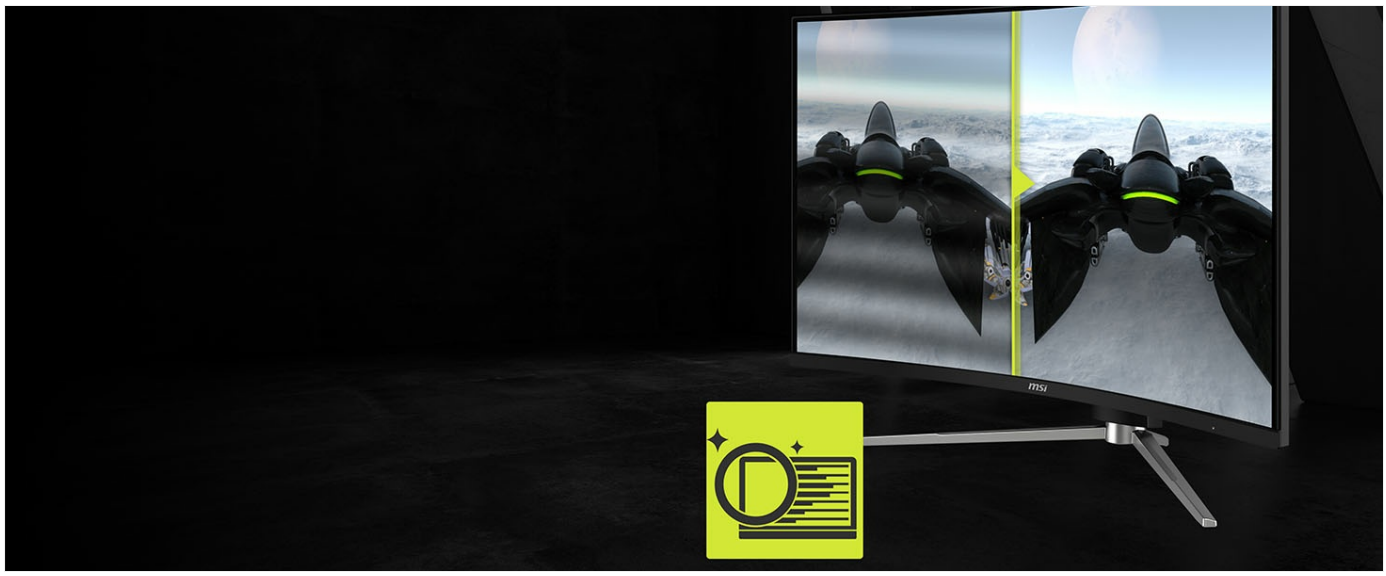


Figure 6.2: The monitor's WQHD (2560 x 1440) resolution provides sharp and detailed images.

WQHD (2560 x 1440) Resolution: The 2560 x 1440 WQHD resolution offers significantly more screen real estate and sharper image clarity compared to Full HD. This higher resolution enhances gaming immersion by providing more detailed environments and characters, and improves productivity by allowing more content to be displayed simultaneously.

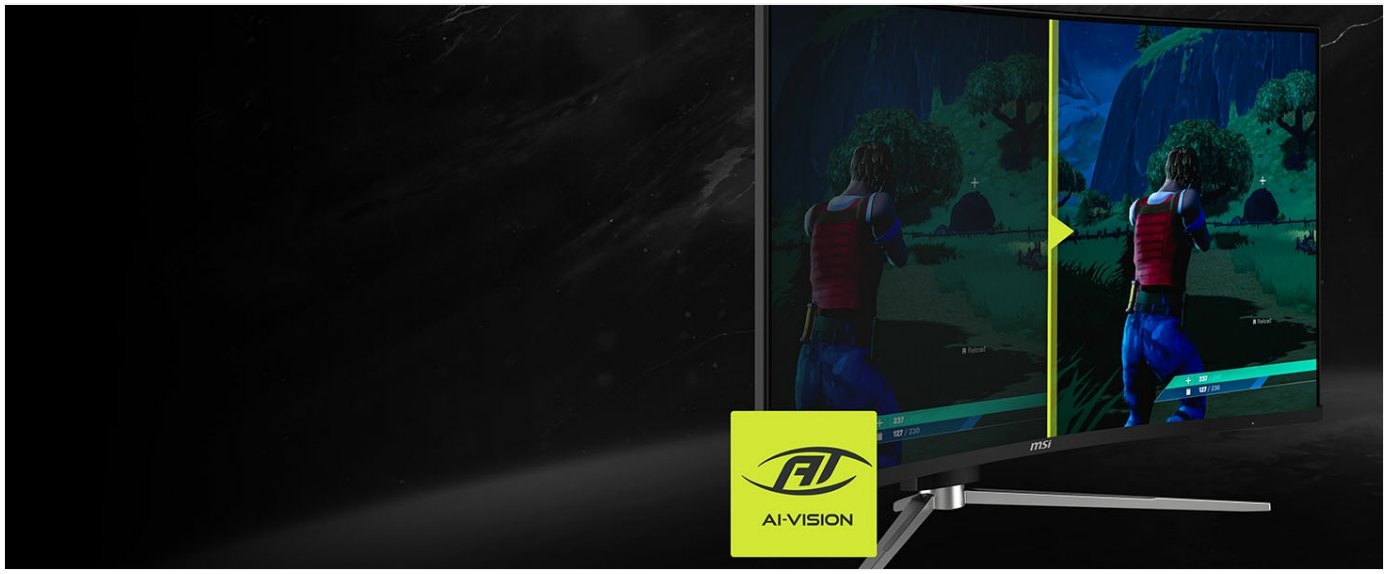


Figure 6.3: AI Vision technology revealing details in dark areas of a game scene.

AI Vision: This innovative technology intelligently analyzes the display content to reveal details in dark areas without overexposing bright regions. It also enhances overall brightness and saturates colors, providing a more vibrant and clear visual experience, especially in games with complex lighting.

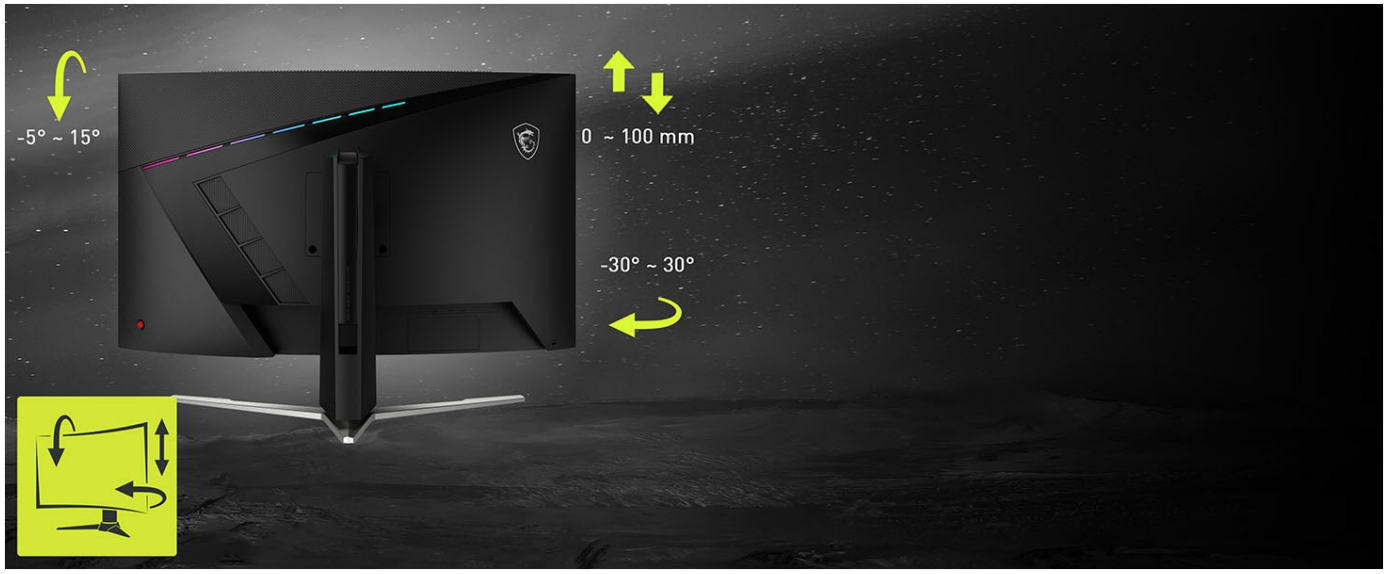


Figure 6.4: Less Blue Light technology reducing blue light emission for eye comfort.

Less Blue Light Technology: Designed to protect your eyes during prolonged use, this technology reduces the emission of harmful blue light. By shifting the color spectrum, it minimizes eye strain and fatigue, making your viewing experience more comfortable, especially during long gaming sessions or work hours.

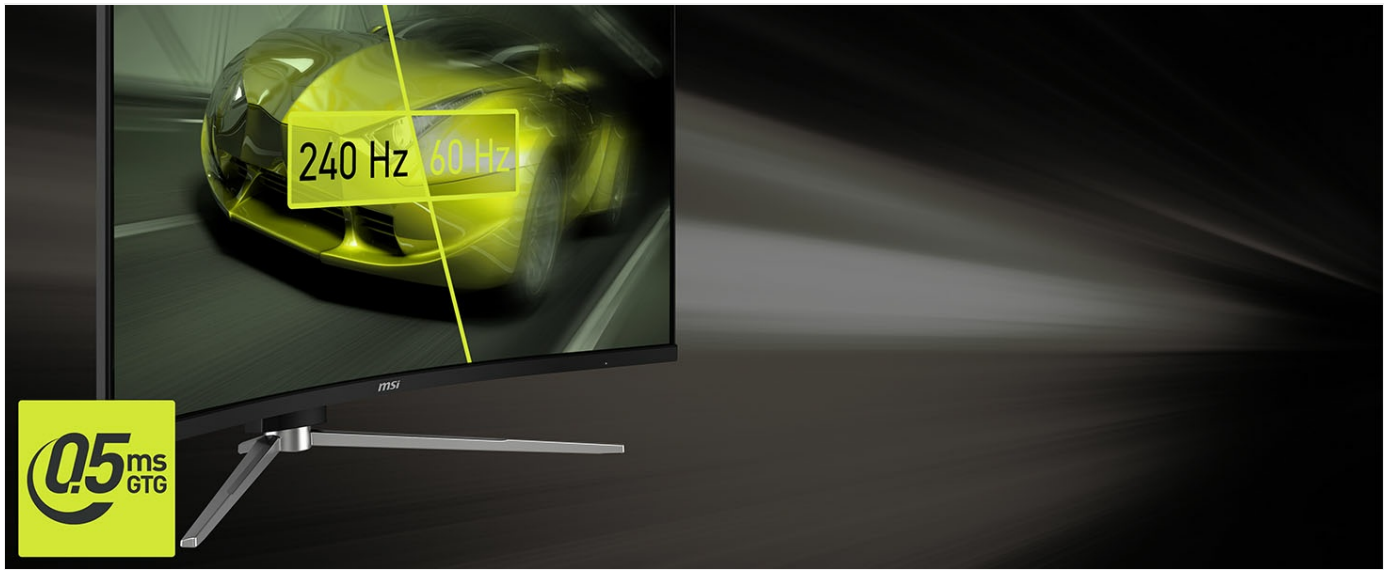


Figure 6.5: HDR Ready capability providing enhanced contrast and color depth.

HDR Ready: The monitor supports High Dynamic Range (HDR) content, delivering a wider range of colors and significantly higher contrast between the brightest whites and darkest blacks. This results in more lifelike and immersive visuals, bringing out details that might be lost on standard displays.

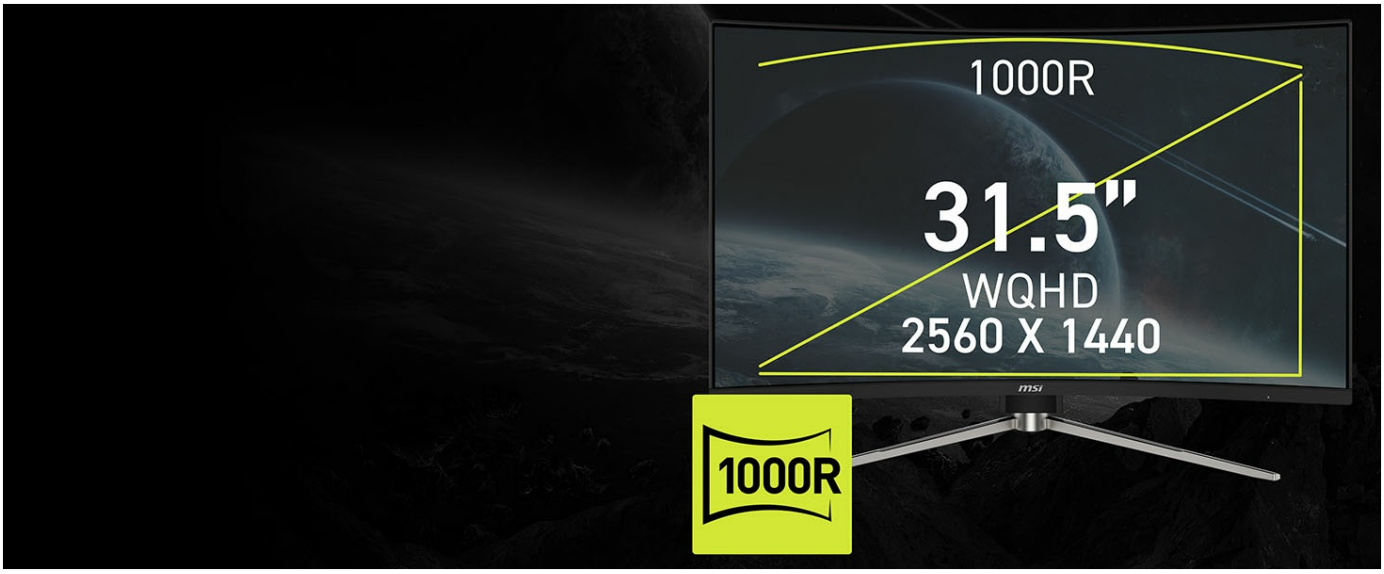


Figure 6.6: Anti-Flicker technology ensuring a stable and comfortable viewing experience.

Anti-Flicker: This technology reduces the invisible flickering that standard monitors produce, which can cause eye strain and fatigue over time. By providing a stable backlight, Anti-Flicker technology ensures a more comfortable and enjoyable viewing experience, even during long periods of use.

7. Maintenance

7.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water. Do not spray liquid directly onto the monitor.
- Avoid using abrasive cleaners, waxes, or solvents as they may damage the surface.

7.2 Storage

When storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging to protect it from dust and physical damage.

8. Troubleshooting

Problem	Possible Cause	Solution
No image on screen	Power cable not connected; Video cable not connected; Incorrect input source selected.	Check power and video cable connections; Press OSD joystick to open menu and select correct input source.
Image is blurry or distorted	Incorrect resolution; Video cable issue.	Set display resolution to 2560x1440; Try a different video cable.
No sound from headphone-out	Volume too low; Incorrect audio output device selected on PC.	Adjust monitor volume via OSD; Ensure monitor is selected as audio output device in PC sound settings.

Problem	Possible Cause	Solution
Monitor flickering	Refresh rate mismatch; External interference.	Ensure refresh rate is set to 240Hz in PC display settings; Check for nearby electronic devices causing interference.

9. Specifications

Feature	Specification
Model Name	MAG 325CQRXF E2
Panel Type	VA
Screen Size	31.5 Inches
Resolution	2560 x 1440 (WQHD)
Refresh Rate	240Hz
Response Time	0.5ms (GtG, Min.)
Curvature	1000R
Aspect Ratio	16:9
Video Ports	2x HDMI 2.0b, 1x DisplayPort 1.4a, 1x USB Type-C (DP alt.)
Audio Ports	1x Headphone-out
Adjustability	Tilt (-5° ~ 15°), Height (0 ~ 100mm), Swivel (-30° ~ 30°)
VESA Mounting	Supported
Dimensions (LxWxH)	11.06 x 27.74 x 18.39 inches (with stand)
Weight	22.2 pounds

10. Warranty and Support

For warranty information, please refer to the warranty card included in your product package or visit the official MSI website. For technical support, driver downloads, and frequently asked questions, please visit the MSI support page:
MSI Official Website: www.msi.com
MSI Support: www.msi.com/support

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