MSI MAG 346CQ

MSI MAG 346CQ Gaming Monitor User Manual

Model: MAG 346CQ
Brand: MSI

1. Introduction

Thank you for choosing the MSI MAG 346CQ Gaming Monitor. This monitor is designed to provide an immersive gaming experience with its 34-inch UWQHD (3440x1440) curved panel, a high 180Hz refresh rate, and a rapid 1ms (MPRT) response time. It supports HDR for enhanced visual details and incorporates features like Adaptive Sync, AI Vision, and Anti-Flicker technology to optimize your viewing and gaming sessions.

2. Package Contents

Please verify that all items listed below are present in your package. If any item is missing or damaged, please contact your retailer or MSI customer support.

- MSI MAG 346CQ Gaming Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- DisplayPort Cable
- User Manual and Documentation

3. Setup

3.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel by aligning the mounting points and securing with screws if

necessary.

3. Connect the stand base to the stand neck, ensuring it clicks into place or is secured with the provided thumb screw.
4. Place the assembled monitor on a stable, flat surface.

3.2 Connecting the Monitor

Ensure the monitor and your computer are powered off before making any connections.

- **Power Connection:** Connect the power cable to the AC-in port on the monitor and then to a power outlet.
- **Video Connection:** Connect one end of the provided HDMI or DisplayPort cable to the corresponding port on your computer's graphics card and the other end to the HDMI or DisplayPort input on the monitor. For optimal performance (180Hz refresh rate), DisplayPort 1.4a is recommended.
- **Audio Connection (Optional):** If you wish to use external speakers or headphones, connect them to the Headphone-out port on the monitor.

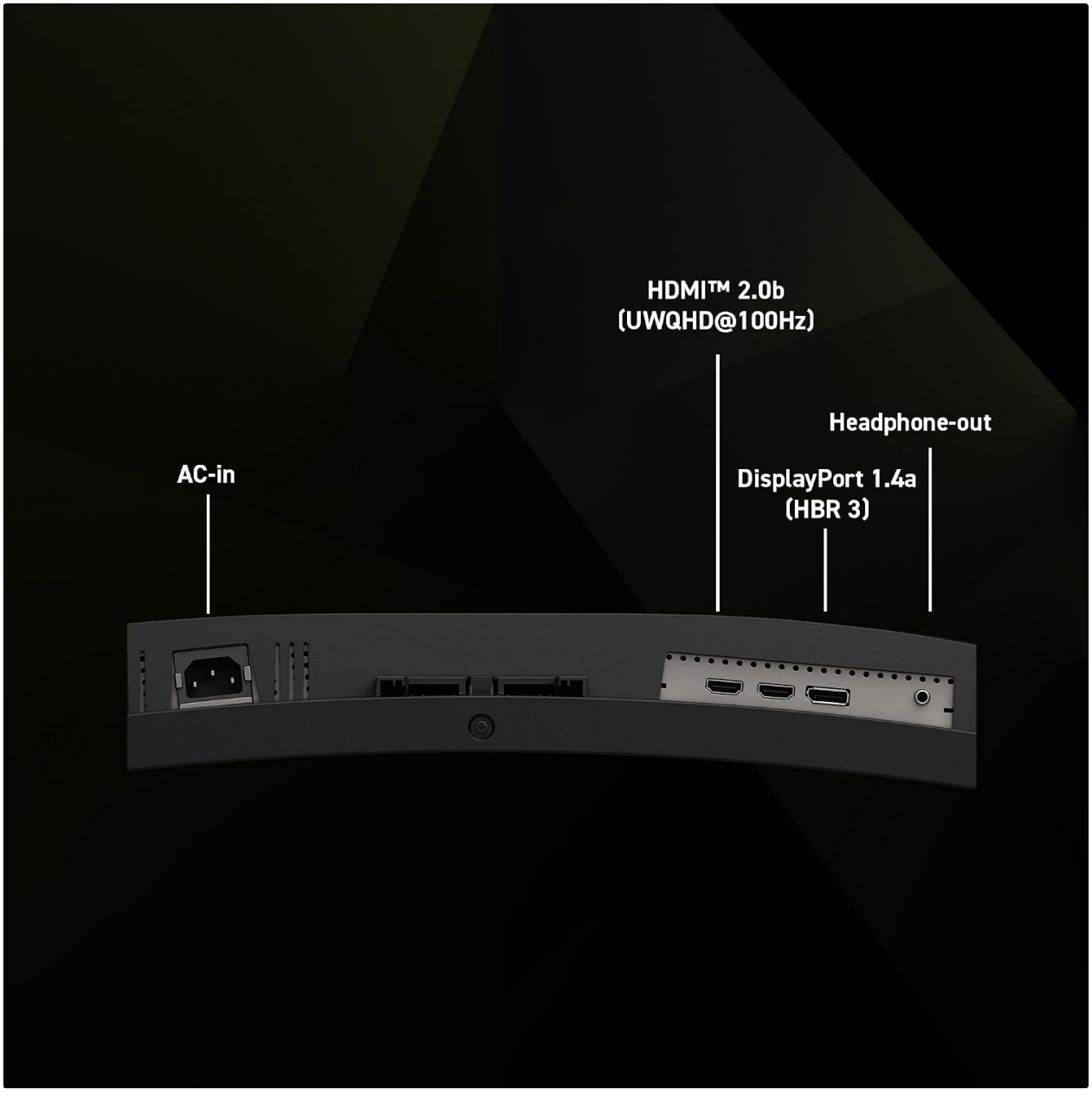


Image: Rear view of the MSI MAG 346CQ monitor, highlighting the AC-in, HDMI 2.0b, DisplayPort 1.4a, and Headphone-out ports for easy connection.

3.3 Initial Power On

After connecting all necessary cables, press the power button on the monitor. The power indicator light will illuminate, and the MSI logo will appear, followed by your computer's display.

4. Operating the Monitor

4.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the joystick control located on the back or bottom of the monitor to navigate the menu.

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

4.2 Key Features and Settings

- **VA Panel:** The monitor features a VA (Vertical Alignment) panel, which provides excellent contrast and deep blacks, optimizing screen colors and brightness for a vibrant visual experience.
- **180Hz Refresh Rate & 1ms (MPRT) Response Time:** Experience incredibly smooth visuals and ultra-low input lag. This combination is crucial for fast-paced gaming, allowing you to react faster and enjoy fluid motion without blurring or ghosting.



Image: The monitor showcasing its Elite Gaming Experience with 180Hz refresh rate and 1ms response time, ideal for fast-paced action.

- **Adaptive Sync:** This technology synchronizes the monitor's refresh rate with your GPU's frame rate, effectively eliminating screen tearing and minimizing stuttering for a seamless gaming experience.



Image: A visual demonstration of Adaptive Sync, showing how it prevents screen tearing by synchronizing the monitor's refresh rate with the GPU.

- **Anti-Flicker:** MSI Anti-Flicker technology reduces the amount of flicker, providing a more comfortable viewing experience and reducing eye strain during prolonged use.

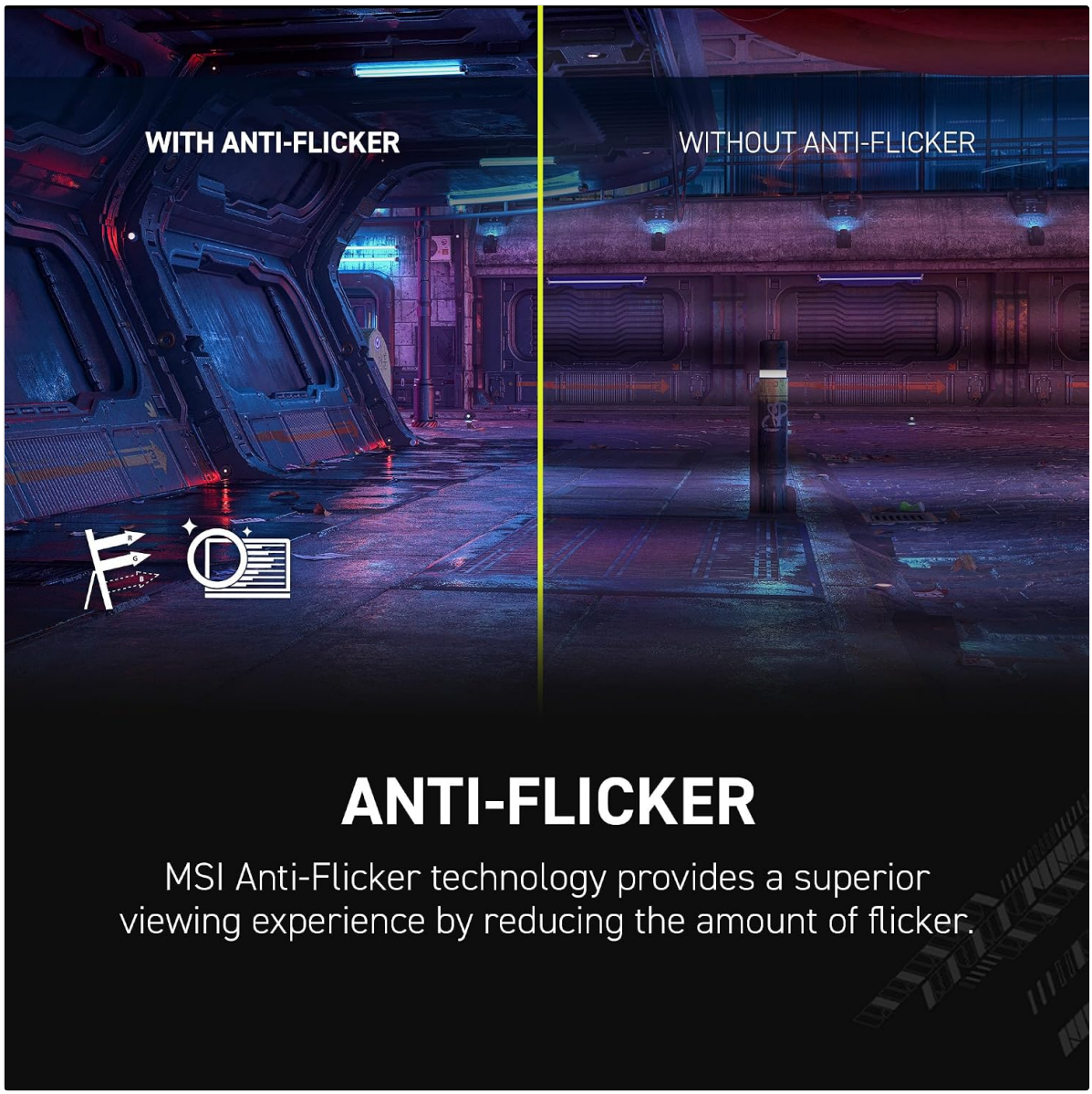


Image: This image illustrates the benefit of MSI Anti-Flicker technology, showing a clearer, more stable image compared to one with visible flicker.

- **HDR Ready:** The monitor is HDR (High Dynamic Range) Ready, producing superior detail in darker regions and offering realistic dynamic contrast that mimics the human eye's perception of light and shadow.



Image: A vivid display demonstrating the HDR Ready feature, which enhances color gamut and dynamic contrast for a more immersive visual experience.

- **AI Vision:** The new AI Vision technology enhances overall brightness and saturates colors, while also revealing details in dark areas, providing a clearer and more vibrant image.

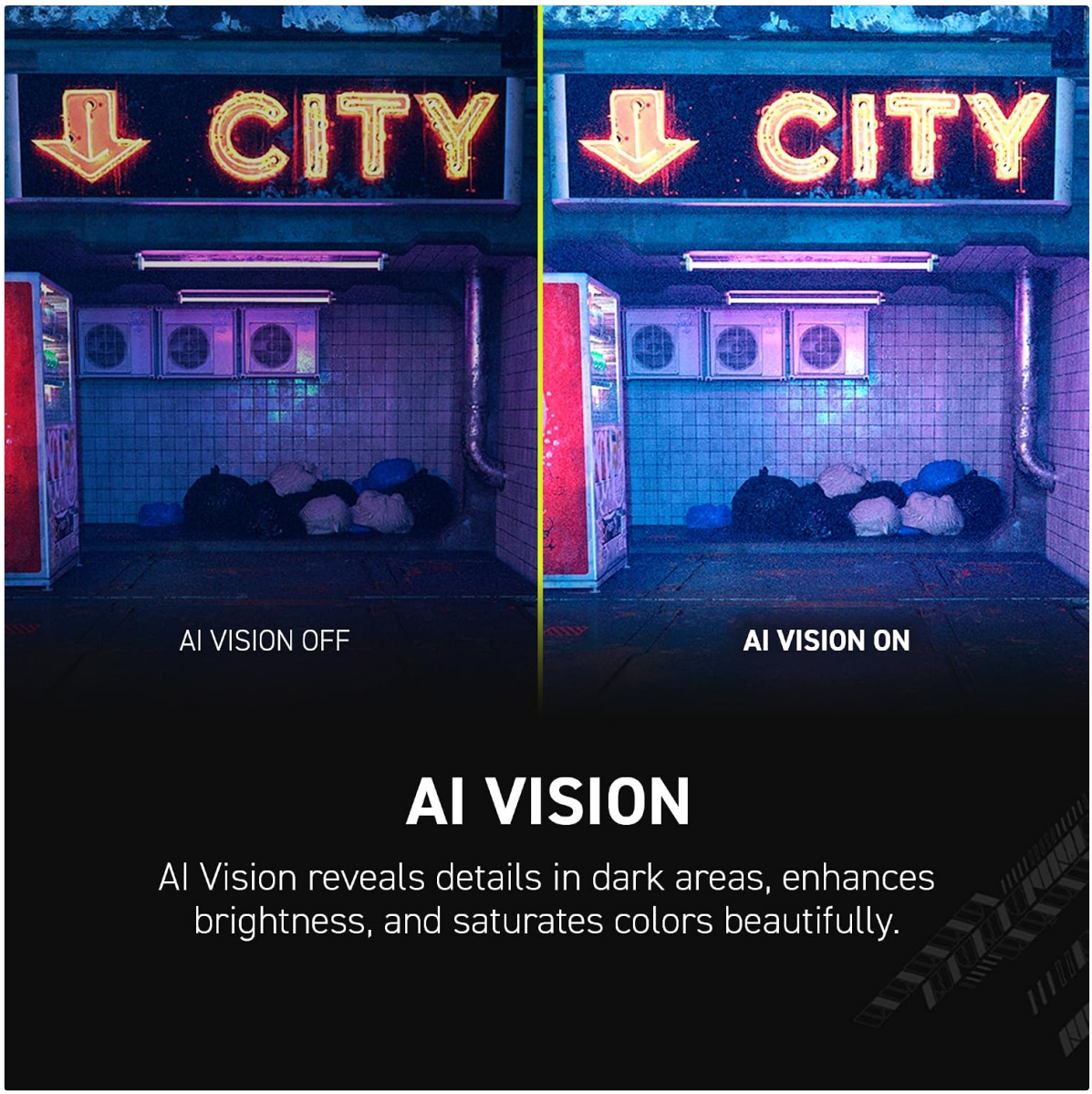


Image: A side-by-side comparison showing the effect of AI Vision, which brightens dark areas and enhances color saturation for better visibility.

- **Less Blue Light:** This feature uses a software solution to reduce the emission of blue light in the blue-violet region of the spectrum, helping to reduce eye strain during extended viewing.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-ammonia, non-alcohol based screen cleaner. Do not spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid abrasive cleaners.
- **Storage:** When not in use for extended periods, store the monitor in a cool, dry place, ideally in its original packaging to protect it from dust and physical damage.

6. Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Solution
No image on screen	Ensure power cable is securely connected. Check video cable connection (HDMI/DisplayPort) to both monitor and computer. Verify the correct input source is selected in the OSD menu.
Image is blurry or distorted	Check display resolution settings on your computer. Ensure it matches the monitor's native resolution (3440x1440). Adjust OSD settings like sharpness.
Screen flickering	Ensure the video cable is securely connected. Try a different video cable. Check refresh rate settings on your computer. Enable Anti-Flicker in OSD if available.
No sound from headphones/speakers	Check audio cable connection to the monitor's headphone-out port. Adjust volume settings in the OSD menu and on your computer. Ensure the monitor is selected as the audio output device on your computer.
Adaptive Sync not working	Ensure your graphics card supports Adaptive Sync and that it is enabled in your GPU's control panel. Use a DisplayPort cable for optimal performance.

7. Specifications

Detailed technical specifications for the MSI MAG 346CQ Gaming Monitor:

Feature	Specification
Brand	MSI
Model Number	MAG 346CQ
Screen Size	34 inches
Resolution	UWQHD (3440 x 1440)
Refresh Rate	180Hz
Response Time	1ms (MPRT)
Panel Type	VA Panel
Aspect Ratio	21:9
Screen Surface	Matte
Product Dimensions	10.6 x 31.8 x 18 inches
Item Weight	18 Pounds
Manufacturer	MSI
Date First Available	April 21, 2025

8. Warranty and Support

MSI provides a limited warranty for this product. For detailed warranty information, including terms, conditions, and duration, please refer to the warranty card included in your product packaging or visit the official MSI

website.

For technical support, driver downloads, FAQs, and service inquiries, please visit the official MSI support page:

MSI Official Support

Please have your product model number (MAG 346CQ) and serial number ready when contacting support.

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