MSI MAG 274QF X24

MSI MAG 274QF X24 27-inch QHD Gaming Monitor User Manual

Model: MAG 274QF X24

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your MSI MAG 274QF X24 27-inch QHD Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your gaming experience.

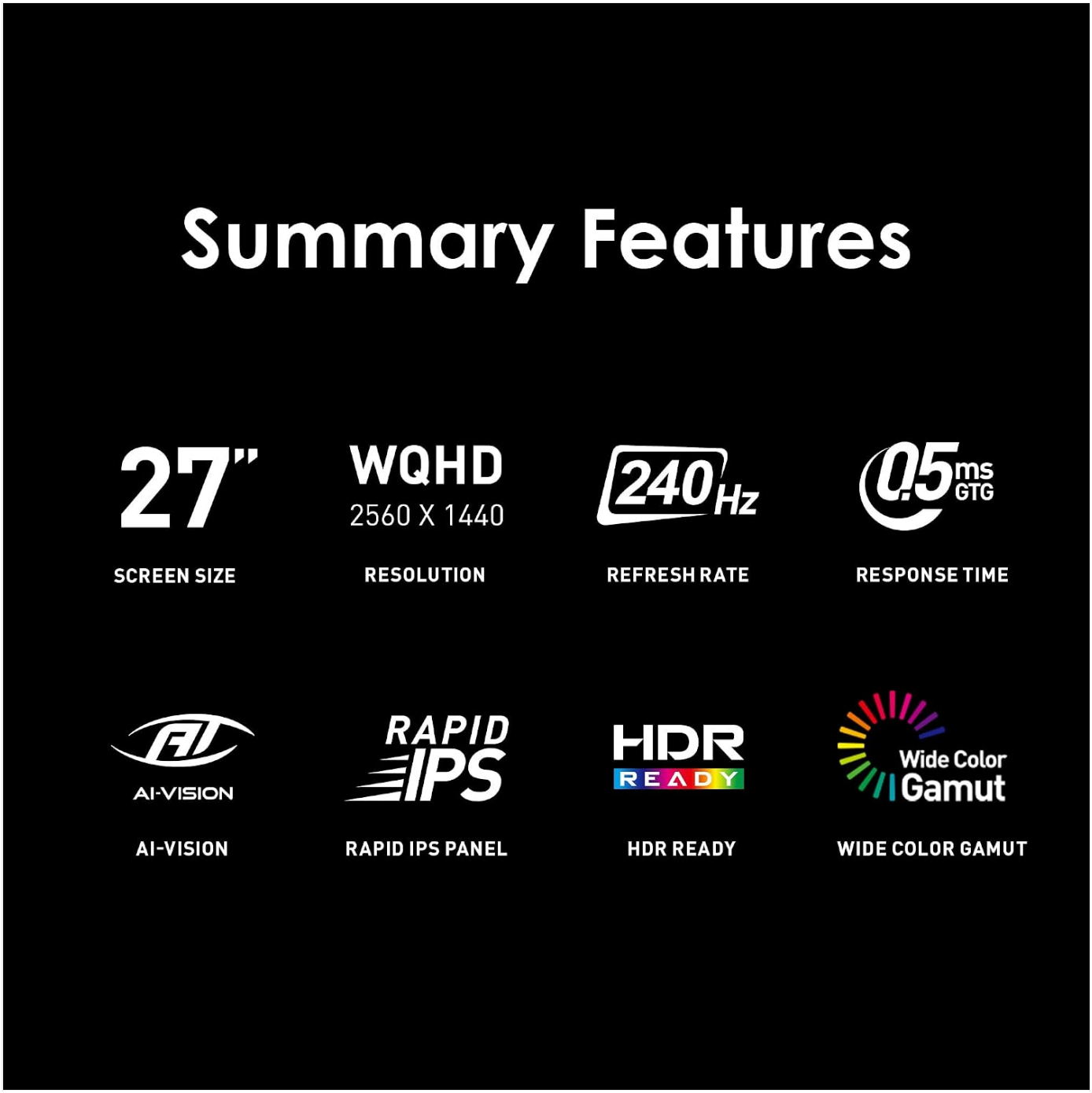
The MSI MAG 274QF X24 is designed for immersive gaming, featuring a 2560x1440 (WQHD) panel, a 240Hz refresh rate, and a rapid 0.5ms (GtG) response time. It is HDR-ready and incorporates AI Vision technology for enhanced visual details.



Front view of the MSI MAG 274QF X24 Gaming Monitor, displaying the MSI logo.

Key Features

- **Rapid IPS Panel:** Provides 0.5ms (GtG, Min.) response time and optimizes screen colors and brightness.
- **240Hz Refresh Rate:** Ensures smoother frames and faster response times.
- **0.5ms (GtG, Min.) Response Time:** Eliminates screen tearing and choppy frame rates.
- **AI Vision:** Enhances details in dark areas, brightens overall image, and saturates colors.
- **Less Blue Light:** Software solution to reduce blue-violet light emissions for eye comfort.
- **Adaptive Sync:** Synchronizes monitor refresh rate with GPU for tear-free gameplay.
- **HDR Ready:** Enhances contrast and shadows for more vivid details.



An infographic summarizing key features: 27" screen size, WQHD 2560x1440 resolution, 240Hz refresh rate, 0.5ms GtG response time, AI-Vision, Rapid IPS, HDR Ready, and Wide Color Gamut.

Setup Instructions

1. Unpacking the Monitor

Carefully remove all components from the packaging. Ensure all parts listed in the packing list are present. Keep the packaging materials for future transport or service needs.

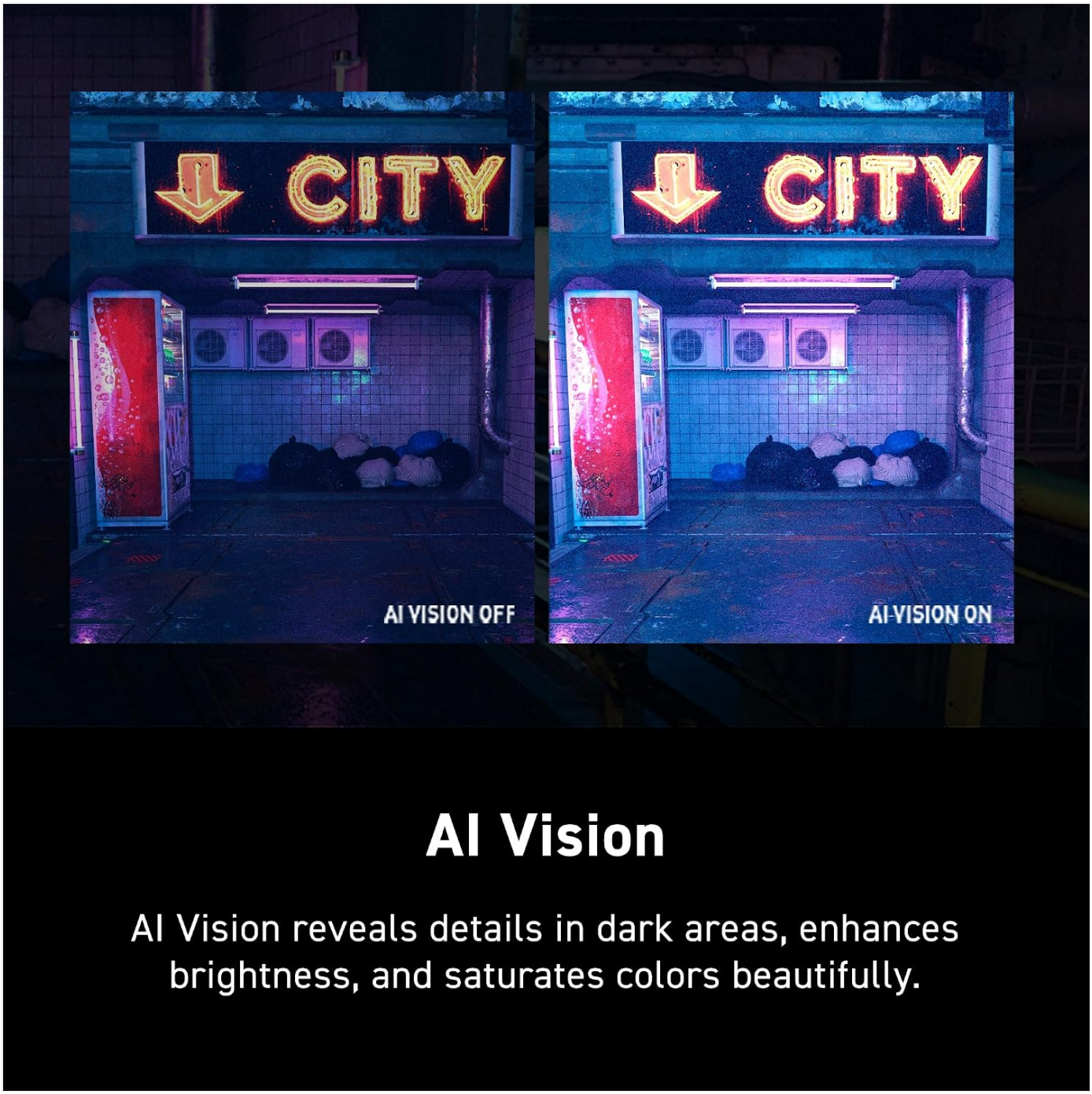
2. Assembling the Stand

1. Place the monitor panel face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor panel, ensuring it clicks securely into place.
3. Connect the base to the stand neck and tighten the screw at the bottom of the base.

3. Connecting to a Computer

The monitor supports DisplayPort 1.4a (HBR3) and HDMI 2.0b (QHD@144Hz) inputs. Choose the appropriate cable for your system.

- **DisplayPort Connection:** Connect one end of the DisplayPort cable to the DisplayPort output on your computer's graphics card and the other end to the DisplayPort input on the monitor.
- **HDMI Connection:** Connect one end of the HDMI cable to the HDMI output on your computer's graphics card and the other end to an HDMI input on the monitor.
- **Audio Output:** If desired, connect headphones or external speakers to the 3.5mm headphone-out jack on the monitor.



Rear view of the monitor showing the input/output ports: DisplayPort 1.4a (HBR3), HDMI 2.0b (QHD@144Hz), Headphone-out, and AC-in power connector.

4. Power Connection

1. Connect the power cord to the AC-in port on the monitor.

2. Plug the other end of the power cord into a grounded electrical outlet.

5. Adjusting the Monitor

The monitor features tilt and height adjustment for optimal viewing comfort. Gently adjust the screen to your preferred angle and height.

Operating Instructions

1. Powering On/Off

Press the power button, usually located on the bottom right or rear of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

2. On-Screen Display (OSD) Menu

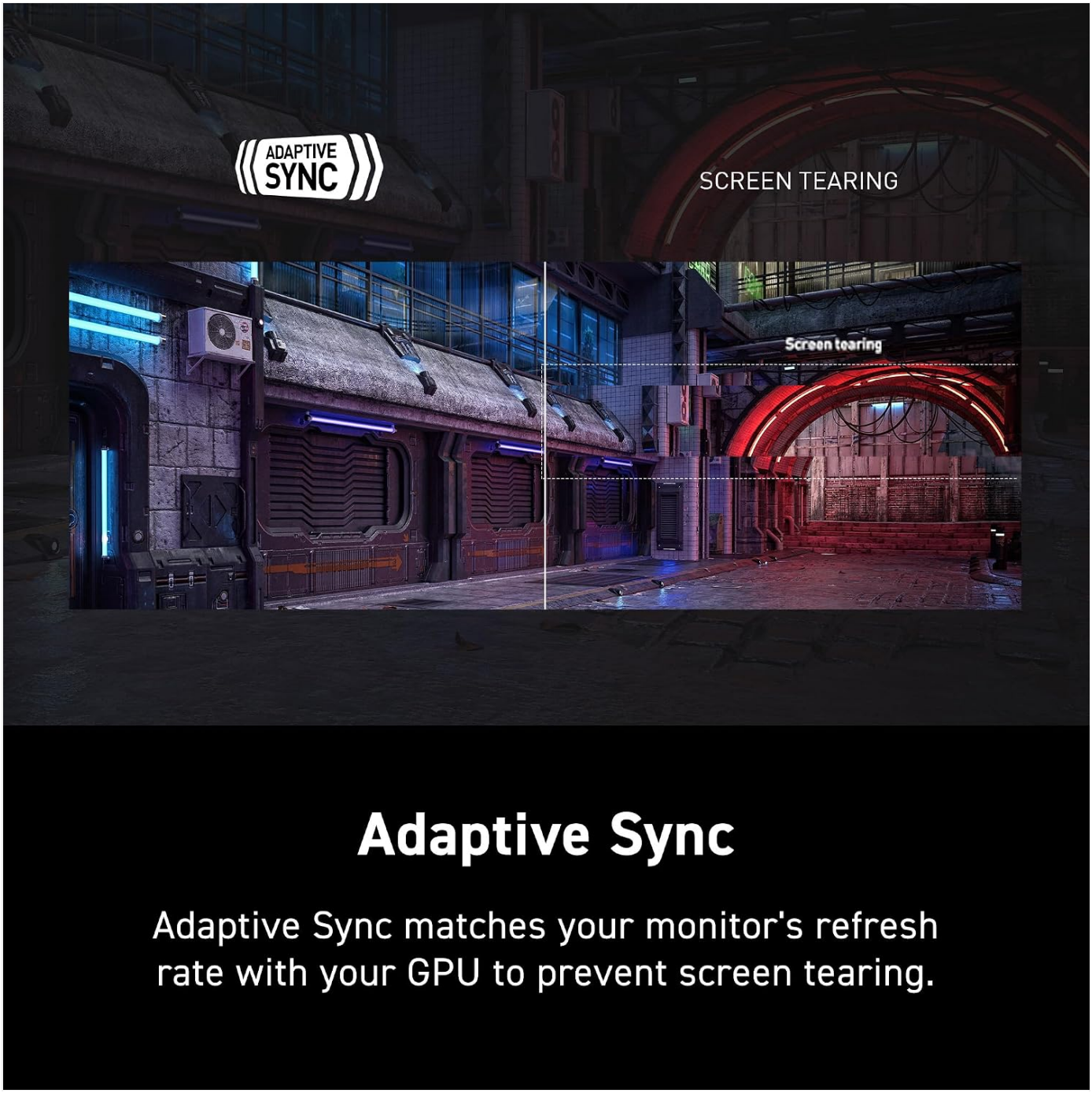
The OSD menu allows you to adjust various monitor settings. Access it using the joystick or buttons typically found on the back or bottom of the monitor.

Common OSD Settings:

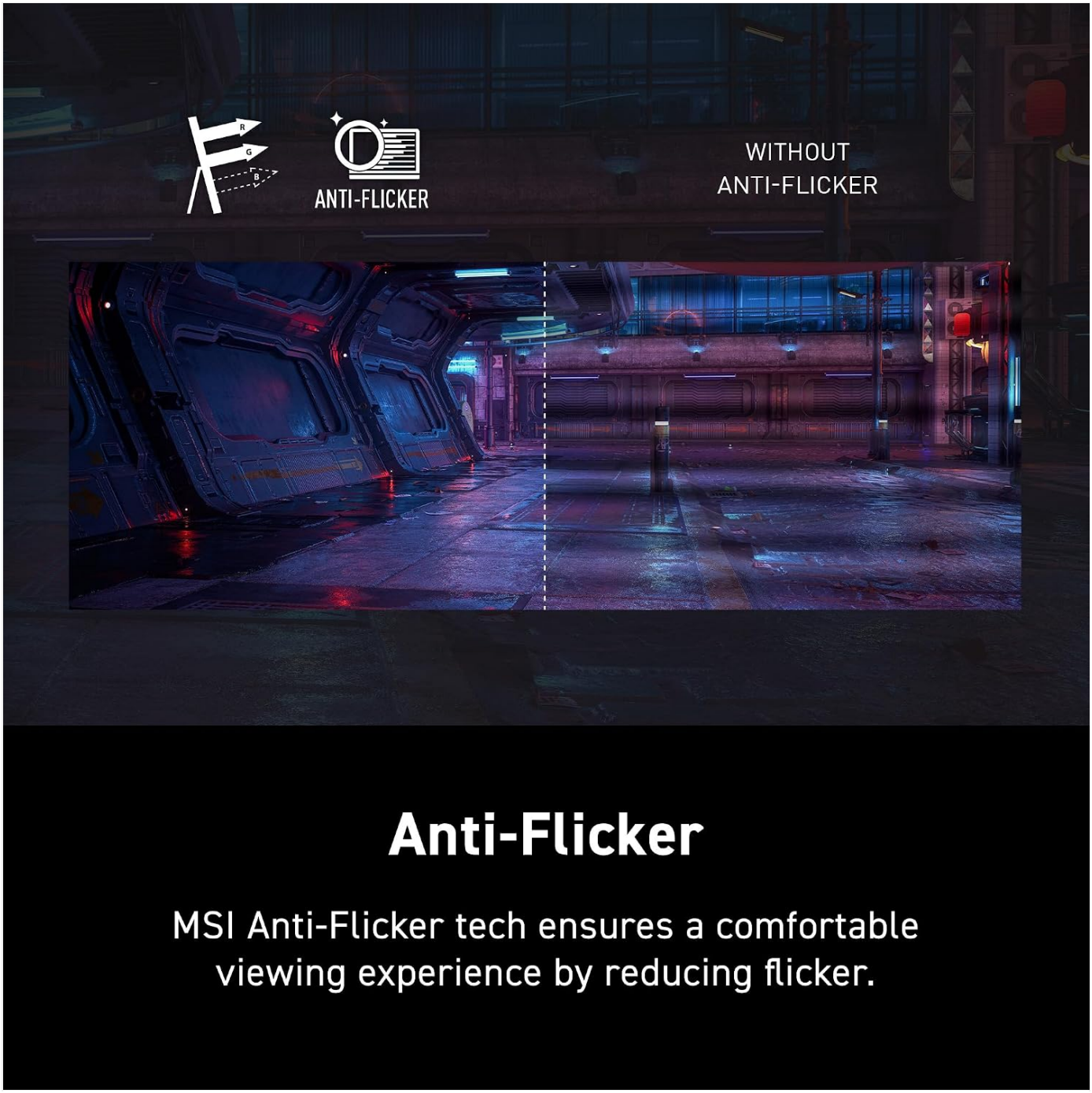
- **Brightness/Contrast:** Adjust the overall luminance and contrast levels.
- **Color Temperature:** Select predefined color modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Input Source:** Manually select between DisplayPort and HDMI inputs.
- **Gaming Mode:** Enable specific gaming enhancements like crosshair, timer, or FPS counter.
- **Adaptive Sync:** Enable or disable Adaptive Sync for tear-free gaming. Ensure your graphics card supports this feature.
- **AI Vision:** Toggle AI Vision to enhance dark area details and color saturation.
- **Anti-Flicker:** Enable Anti-Flicker technology for a more comfortable viewing experience.
- **HDR:** Activate HDR mode for compatible content to experience enhanced dynamic range.



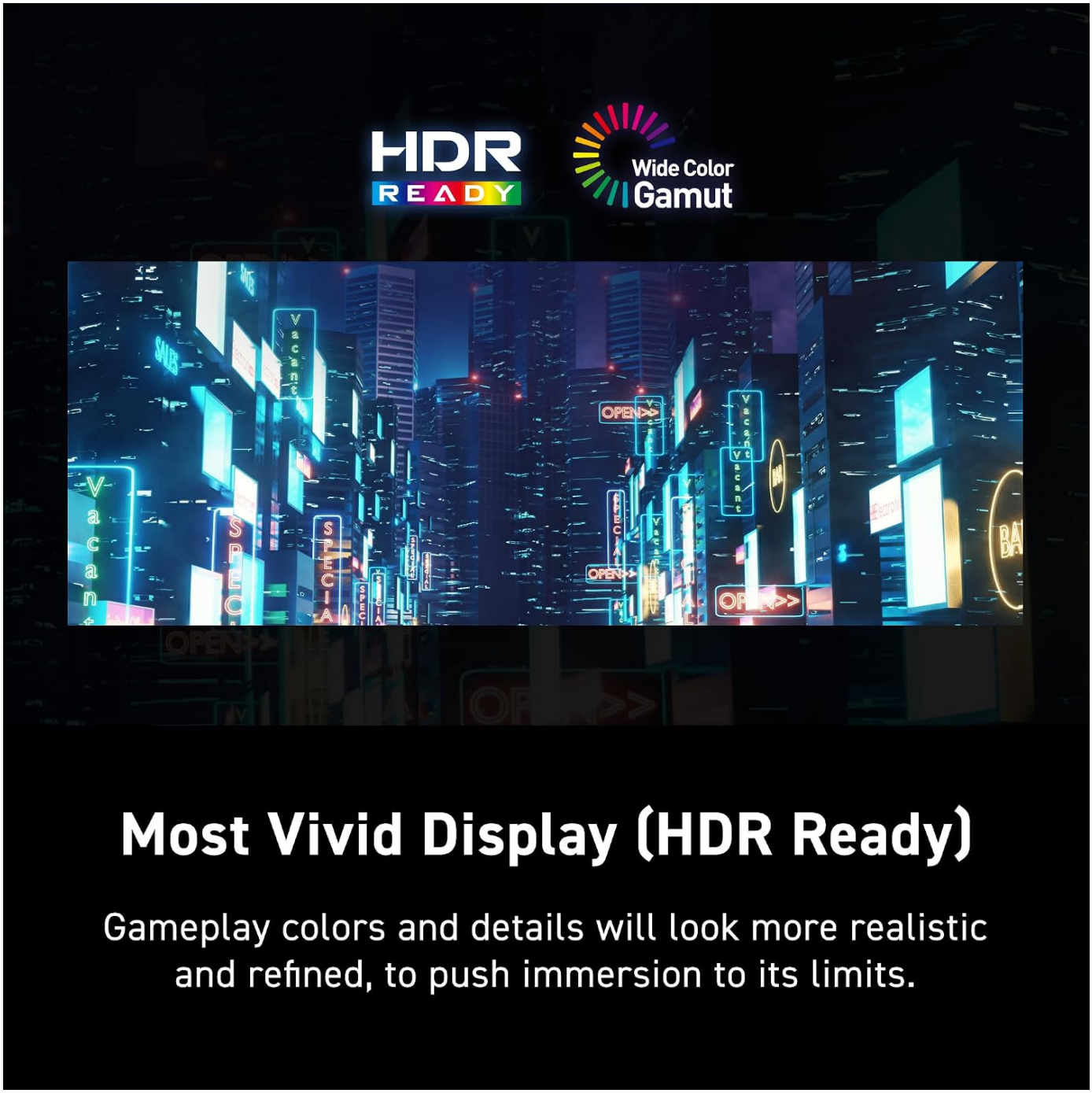
The monitor showcasing its 240Hz refresh rate and 0.5ms response time, indicating an elite gaming experience.



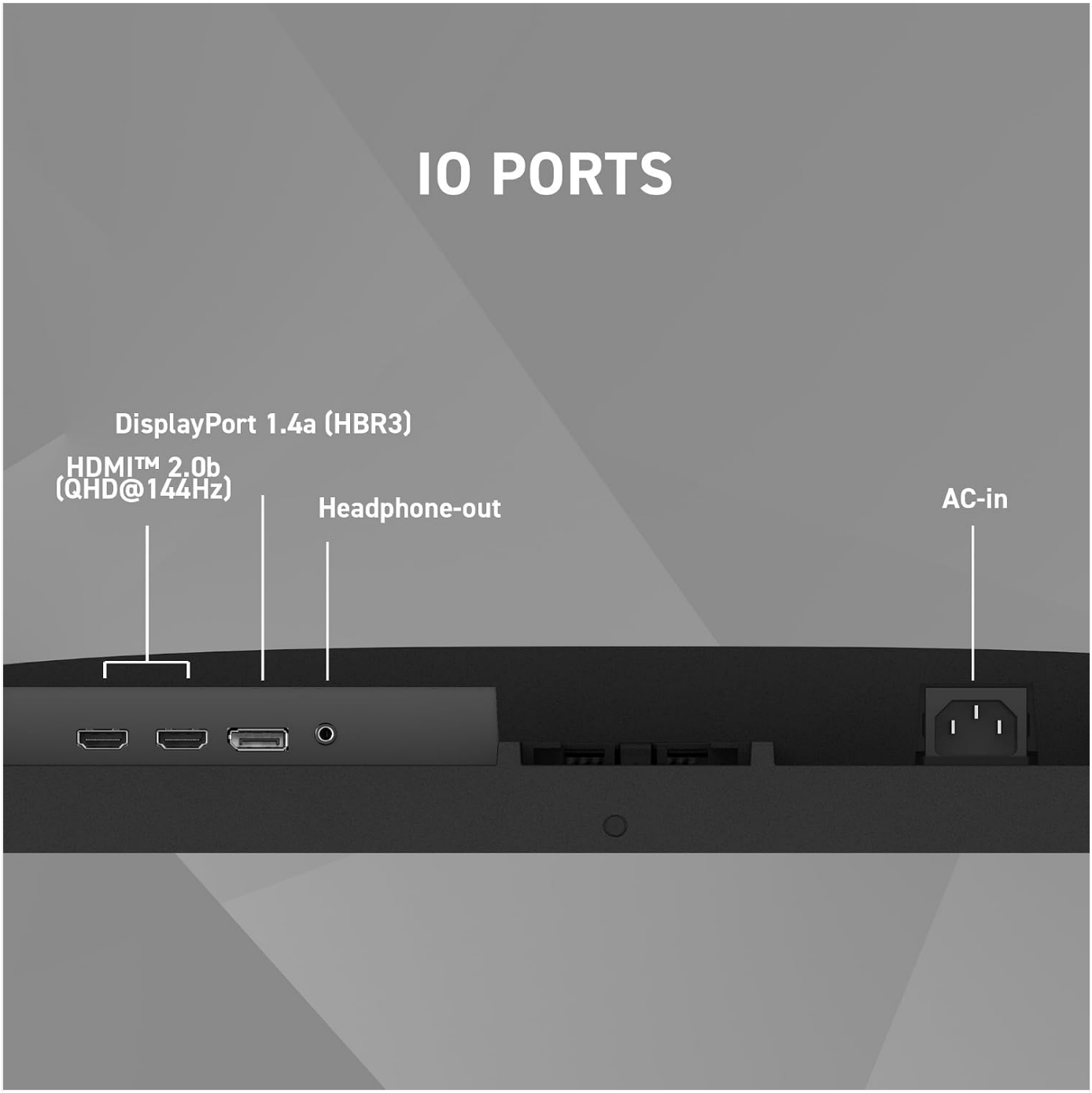
An image demonstrating Adaptive Sync technology, showing how it prevents screen tearing by synchronizing the monitor's refresh rate with the GPU.



An image illustrating the Anti-Flicker feature, which reduces screen flicker for a more comfortable viewing experience.



An image highlighting the HDR Ready feature, showing how it enhances gameplay colors and details for increased immersion.



A comparison image demonstrating the AI Vision feature, showing how it reveals details in dark areas and enhances overall brightness and color saturation.

Maintenance

Cleaning the Monitor

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen. Apply it to the cloth first.
- Avoid using benzene, thinner, ammonia-based cleaners, or abrasive materials, as these can damage the screen or casing.
- Wipe the screen gently to remove dust and smudges.
- Clean the monitor casing with a soft, dry cloth.

General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure adequate ventilation around the monitor.
- Do not place heavy objects on the monitor or its cables.
- If the monitor will not be used for an extended period, unplug it from the power outlet.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; video cable disconnected; incorrect input source selected.	Ensure power and video cables are securely connected. Select the correct input source via the OSD menu.
Image is blurry or distorted	Incorrect resolution; video cable issue.	Set the display resolution to 2560x1440. Check video cable for damage or replace if necessary.
Screen flickering	Refresh rate mismatch; cable issue; environmental interference.	Ensure refresh rate is set to 240Hz in your system settings. Check video cable. Enable Anti-Flicker in OSD.
Screen tearing	Adaptive Sync not enabled or not supported by GPU.	Enable Adaptive Sync in the OSD menu and ensure your graphics card drivers are up to date and support Adaptive Sync.
Dead pixels	Manufacturing defect.	Refer to MSI's pixel policy for warranty information. Contact customer support if within policy.

SPECIFICATIONS

Feature	Detail
Brand	MSI
Model	MAG 274QF X24
Screen Size	27 Inches
Resolution	2560 x 1440 (QHD)
Max Screen Resolution	2560 x 1440
Refresh Rate	240Hz
Response Time	0.5ms (GtG, Min.)
Panel Type	Rapid IPS

Feature	Detail
Aspect Ratio	16:9
Screen Surface	Matte
Video Inputs	DisplayPort 1.4a (HBR3), HDMI 2.0b (QHD@144Hz)
Audio Output	Headphone-out
Adjustments	Tilt, Height Adjustable
VESA Mountable	Yes
Item Weight	14 pounds
Product Dimensions (LxWxH)	9.83 x 24.15 x 17.26 inches
Color	Black

Warranty and Support

For detailed warranty information, please refer to the warranty card included with your product or visit the official MSI website. MSI provides customer support for product inquiries, technical assistance, and service requests.
MSI Official Website: www.msi.com
Please have your product model number (MAG 274QF X24) and serial number ready when contacting support.

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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

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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.

Submit question