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› [Acer Nitro KG240Y W3biip 23.8-inch FHD 240Hz Gaming Monitor User Manual](#)

Acer KG240Y W3biip

Acer Nitro KG240Y W3biip 23.8-inch FHD 240Hz Gaming Monitor User Manual

Model: KG240Y W3biip

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Acer Nitro KG240Y W3biip 23.8-inch Full HD 240Hz IPS Gaming Monitor. Please read these instructions carefully before using your monitor to ensure optimal performance and safety.



Front view of the Acer Nitro KG240Y W3biip 23.8-inch Gaming Monitor.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- Display Unit
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable

SETUP INSTRUCTIONS

1. Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand neck. Secure with the captive screw, if present.
3. Align the stand assembly with the mounting points on the back of the monitor. Gently push until it clicks into place or secure with screws as per the included quick start guide.

2. Connecting Cables

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

- **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.

- **Video Connection:**

- For optimal performance, connect the included HDMI cable from your computer's graphics card to one of the HDMI 2.0 ports on the monitor.
- Alternatively, use a DisplayPort 1.2 cable to connect your computer to the monitor's DisplayPort input.



Rear view of the monitor displaying the power and video input ports (HDMI, DisplayPort).

3. Initial Power-On

1. Plug the power cord into a wall outlet.
2. Press the power button on the monitor.
3. Power on your computer. The monitor should automatically detect the input signal. If not, you may need to manually select the input source using the OSD menu.

OPERATING INSTRUCTIONS

On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. The control buttons are typically located on the back or bottom right side of the monitor.

- **Power Button:** Turns the monitor on or off.
- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons:** Used to navigate through menu options and adjust values.
- **Input Select Button:** Quickly switches between available video input sources (HDMI 1, HDMI 2, DisplayPort).

Common OSD Settings

- **Picture:** Adjust brightness, contrast, gamma, and color temperature.
- **Color:** Fine-tune color settings, including sRGB mode.
- **Gaming:** Enable/disable AMD FreeSync Premium, adjust overdrive, and set refresh rate.
- **Input:** Manually select the active video input source.
- **System:** Language, OSD timeout, and factory reset options.

Enabling AMD FreeSync Premium

To utilize AMD FreeSync Premium, ensure your graphics card supports it and that the feature is enabled in both your graphics card control panel and the monitor's OSD menu (usually under the "Gaming" section).

Setting Refresh Rate

To achieve the 240Hz refresh rate, ensure your graphics card and cable (DisplayPort or HDMI 2.0) support it. Set the refresh rate in your operating system's display settings (e.g., Windows Display Settings > Advanced display settings > Display adapter properties).

KEY FEATURES

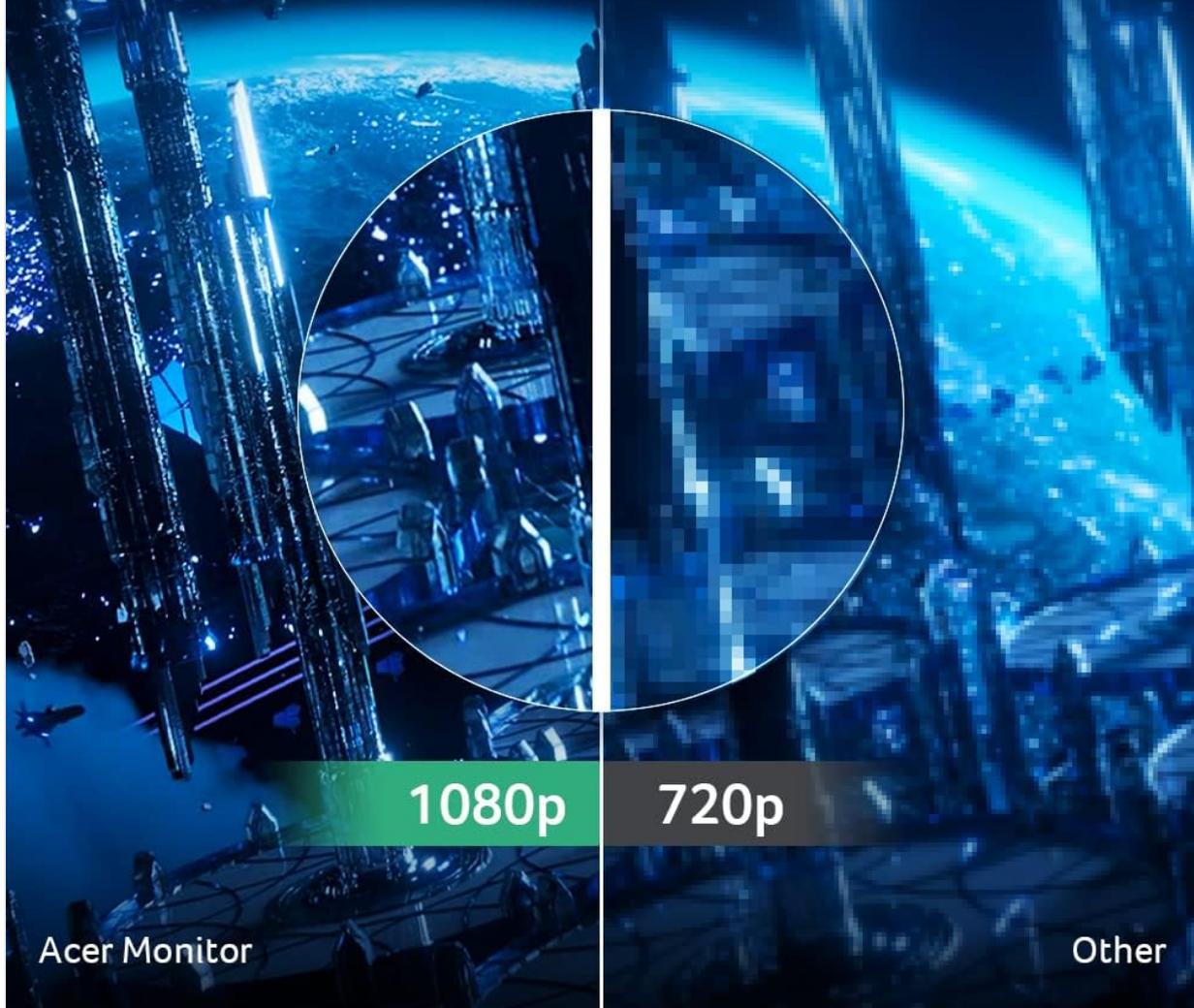
The Acer Nitro KG240Y W3biip monitor offers several features designed to enhance your viewing and gaming experience:

Full HD (1920x1080) Resolution

Experience sharp, high-quality images with excellent detail on the 23.8-inch IPS panel. The 16:9 aspect ratio is ideal for both productivity and entertainment. The zero-frame design maximizes screen space for an immersive view.

FHD (1920x1080) Resolution

Perfect details



Visual comparison demonstrating the clarity of Full HD (1080p) resolution.

AMD FreeSync Premium Technology

Enjoy tear-free and stutter-free gaming. AMD FreeSync Premium synchronizes the monitor's refresh rate with your graphics card's frame rate, providing a smooth and fluid gaming experience.

AMD FreeSync™ Premium

Tear-free gaming



Illustration of AMD FreeSync Premium eliminating screen tearing during fast-paced action.

240Hz Refresh Rate

Experience ultra-smooth 2D motion scenes with a rapid refresh rate of up to 240Hz. This significantly shortens frame rendering time and lowers input lag, providing a competitive edge in fast-paced games.

240Hz Refresh Rate

Smooth gaming



Visual representation of the smoothness provided by a 240Hz refresh rate compared to lower rates.

Up to 0.5ms GTG (Gray to Gray) Response Time

Enjoy clearer, more immersive images without blurring. The rapid 0.5ms GTG response time ensures that fast-moving action and dramatic transitions are rendered smoothly, free from smearing or ghosting effects.

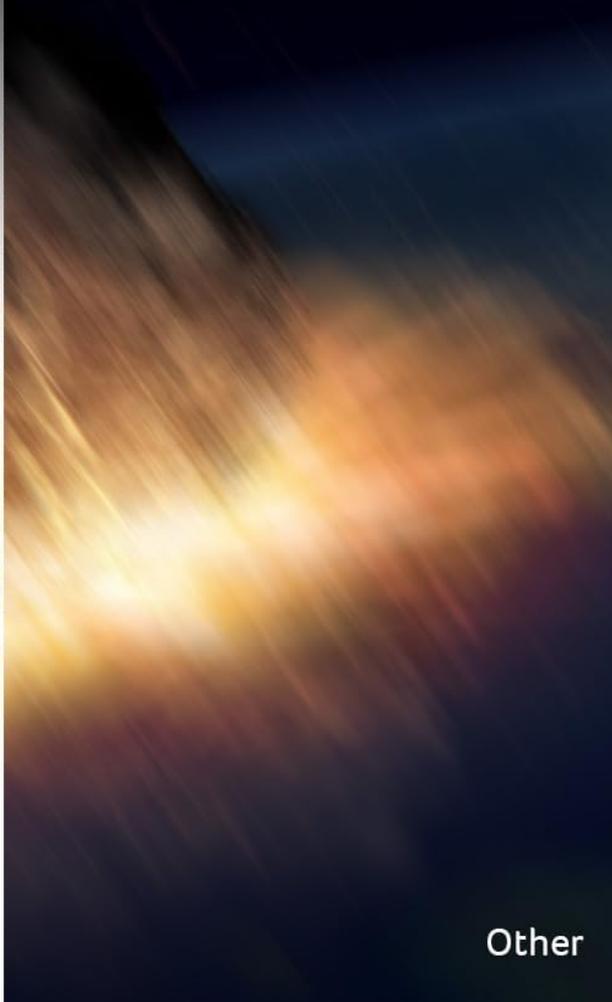
Up to 0.5ms (G to G)

No blur



Up to
0.5ms

Acer Monitor



Other

Demonstration of reduced motion blur with a 0.5ms GTG response time.

HDR10 Support and sRGB 99% Color Accuracy

The monitor supports HDR10, providing enhanced contrasts and a wider color palette for more realistic and natural images. With 99% sRGB color accuracy, it is suitable for color-critical tasks such as graphic design and photo editing.



Visual representation of improved contrast and color depth with HDR10 support.

MAINTENANCE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a small amount of water or a specialized screen cleaner. Avoid using harsh chemicals or abrasive materials.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Power Off:** Always power off the monitor when not in use for extended periods.

TROUBLESHOOTING

Problem	Possible Solution
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Problem	Possible Solution
No image on screen	<ul style="list-style-type: none"> Ensure the power cord is securely connected and the monitor is powered on. Check that the video cable (HDMI/DisplayPort) is securely connected to both the monitor and your computer. Verify the correct input source is selected in the monitor's OSD menu. Test with a different video cable or port if available.
Image flickering or unstable	<ul style="list-style-type: none"> Check video cable connections. Ensure your graphics card drivers are up to date. Try a different refresh rate in your operating system's display settings. Disable AMD FreeSync Premium temporarily to see if the issue persists.
Colors appear incorrect	<ul style="list-style-type: none"> Adjust color settings (brightness, contrast, color temperature) in the OSD menu. Perform a factory reset via the OSD menu. Ensure your graphics card color settings are correctly configured.

SPECIFICATIONS

Feature	Detail
Brand	Acer
Model Number	KG240Y W3biip
Screen Size	23.8 Inches
Panel Type	IPS
Resolution	1920 x 1080 (Full HD)
Aspect Ratio	16:9
Max Refresh Rate	240Hz
Response Time	Up to 0.5ms GTG
Color Gamut	sRGB 99%
HDR Support	HDR10
Adaptive Sync Technology	AMD FreeSync Premium
Video Inputs	1 x DisplayPort 1.2, 2 x HDMI 2.0
Item Weight	9.79 pounds
Product Dimensions (LxWxH)	8.28 x 24.08 x 18.12 inches
Color	Black

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Acer support website. You can typically find drivers, FAQs, and contact information for customer service there.

Acer Support Website: www.acer.com/support

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