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Acer VG240Y M3biip

Acer Nitro VG240Y M3biip 23.8-inch Gaming Monitor

User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your Acer Nitro VG240Y M3biip 23.8-inch Full HD IPS Gaming Monitor. This monitor is designed to deliver a high-performance visual experience, particularly for gaming, with features like AMD FreeSync Premium, a high refresh rate, and fast response time. Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

- Always place the monitor on a stable, flat surface to prevent it from falling.
- Ensure proper ventilation around the monitor to prevent overheating. Do not block ventilation openings.
- Use only the power cord and adapter supplied with the monitor.
- Do not expose the monitor to rain or moisture to avoid electric shock.
- Avoid placing heavy objects on the power cord or monitor.
- Disconnect the power plug from the wall outlet if the monitor will not be used for an extended period.
- Refer all servicing to qualified service personnel.

3. What's in the Box

Verify that all components are present in the packaging:

- Monitor
- Stand
- Power Cord
- HDMI Cable

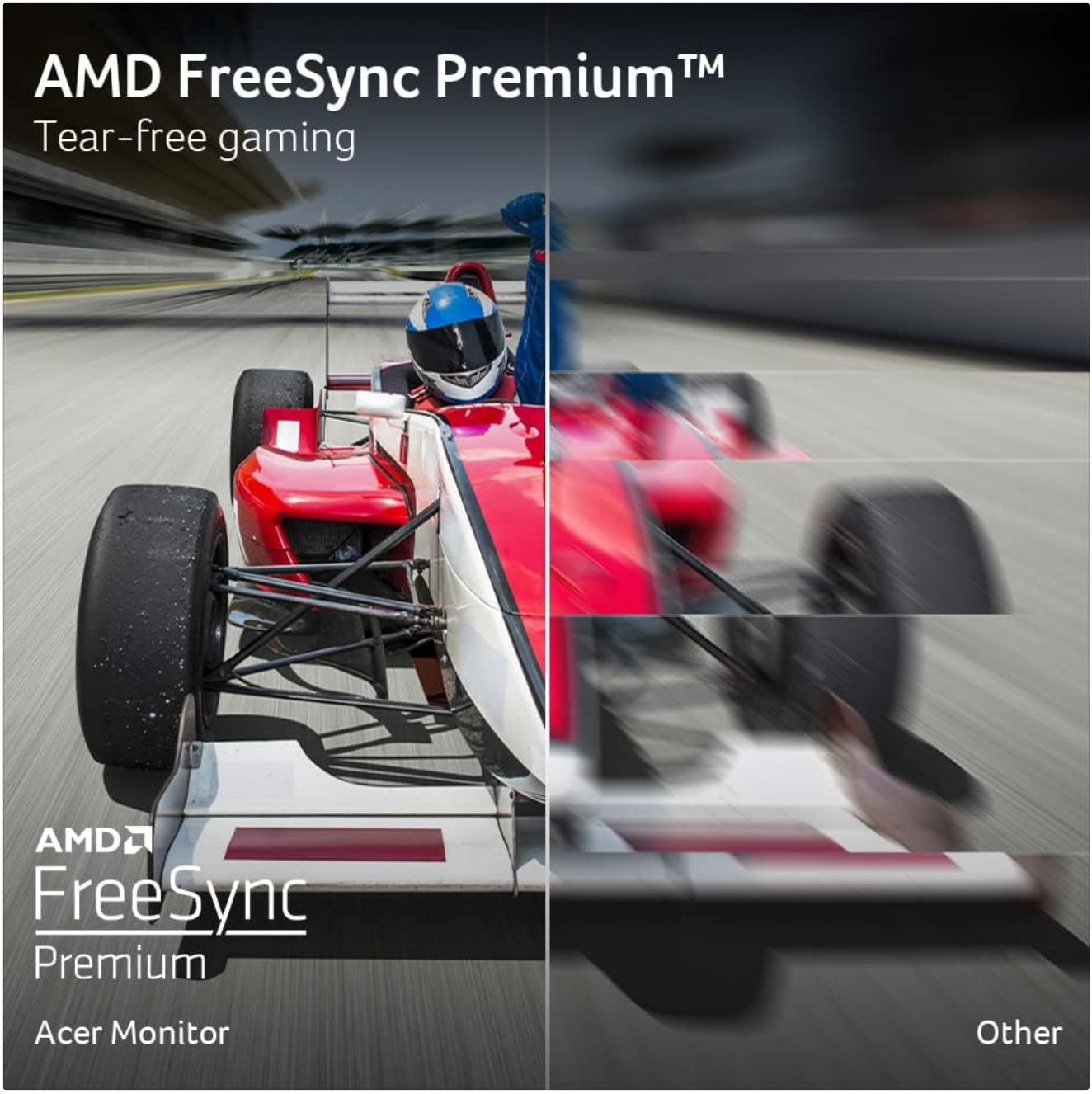
4. Setup

4.1 Assembling the Stand

Carefully attach the monitor panel to the stand base. Ensure it clicks securely into place. Refer to the included quick start guide for detailed visual instructions.

4.2 Connecting Cables

Connect the provided 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 for optimal performance. Connect the power cord to the monitor and then to a power outlet.



Rear view of the Acer Nitro monitor, showing the DisplayPort 1.2 and HDMI 2.0 ports for connectivity.

4.3 Powering On

Press the power button located on the monitor to turn it on. The power indicator light will illuminate.

5. Operating Instructions

5.1 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons, typically located on the bottom right or rear of the monitor, to navigate the menu. Common settings include brightness, contrast, color temperature, input selection, and gaming features.

5.2 Display Features

- **Full HD (1920 x 1080) Resolution:** Experience clear and detailed visuals.



Visual comparison demonstrating the clarity of Full HD (1080p) resolution compared to 720p.

- **180Hz Refresh Rate:** Enjoy ultra-smooth motion and reduced input lag, crucial for fast-paced gaming.



Illustration of the difference in motion fluidity between 180Hz and 60Hz refresh rates.

- **Up to 0.5ms Response Time (G to G):**Minimize ghosting and motion blur for crisp visuals during rapid action sequences.



Demonstration of how a 0.5ms response time eliminates motion blur in dynamic visuals.

- **AMD FreeSync Premium:** Synchronizes the monitor's refresh rate with your GPU's frame rate to eliminate screen tearing and stuttering.



Visual example of tear-free gaming enabled by AMD FreeSync Premium technology.

- **HDR10 Support:** Delivers enhanced contrast and color accuracy for a more immersive viewing experience.



Comparison showing the improved contrast and color vibrancy with HDR10 support.

- **99% sRGB Color Gamut:** Provides accurate and vibrant colors for both gaming and content creation.
- **Zero-Frame Design:** Maximizes screen space and is ideal for multi-monitor setups.

5.3 Ergonomics

- **Ergonomic Tilt:** Adjust the screen tilt from -5° to 20° for comfortable viewing.
- **VESA Mounting Compliant (100 x 100mm):** Allows for alternative mounting solutions like wall mounts or monitor arms.

6. Maintenance

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a specialized screen cleaner. Avoid harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing.
- **Power Management:** Utilize the monitor's power-saving features and turn off the monitor when not in use to extend its lifespan and conserve energy.

7. Troubleshooting

Problem	Possible Solution

Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected. Check if the video cable (HDMI/DisplayPort) is properly connected to both the monitor and the computer. Select the correct input source via the OSD menu.
Image is blurry or distorted	Adjust the display resolution on your computer to the monitor's native resolution (1920 x 1080). Check the video cable for damage.
Screen flickering	Ensure the refresh rate is set correctly (e.g., 180Hz) in your computer's display settings. Verify AMD FreeSync Premium is enabled in both the monitor OSD and your graphics card settings. Check for loose cable connections.
Colors are incorrect	Adjust color settings (brightness, contrast, color temperature) through the OSD menu. Ensure HDR10 is enabled if desired and supported by your content/system.

8. Specifications



Dimensions of the Acer Nitro VG240Y M3biip monitor.

Feature	Detail
Screen Size	23.8 Inches

Feature	Detail
Panel Type	IPS
Resolution	1920 x 1080 (Full HD)
Refresh Rate	180Hz
Response Time	Up to 0.5ms (G to G)
Adaptive Sync Technology	AMD FreeSync Premium
HDR Support	HDR10
Color Gamut	99% sRGB
Ports	1 x DisplayPort 1.2, 2 x HDMI 2.0
VESA Mounting	100 x 100mm
Ergonomic Features	Tilt (-5° to 20°)
Model Number	UM.QV0AA.302
Item Weight	9.18 pounds
Product Dimensions (LxWxH)	9.45 x 21.27 x 16.27 inches

9. 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. Keep your purchase receipt as proof of purchase for warranty claims.

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