Acer KG241Y X1biip

Acer Nitro KG241Y X1biip 23.8 Inch Full HD 200Hz IPS Gaming Monitor Instruction Manual

Model: KG241Y X1biip

1. Introduction

This manual provides essential information for the setup, operation, and maintenance of your Acer Nitro KG241Y X1biip 23.8 Inch Full HD IPS Gaming Monitor. Please read this manual thoroughly before using your monitor to ensure proper functionality and to maximize your viewing experience.

The Acer Nitro KG241Y X1biip is a 23.8-inch Full HD (1920 x 1080) IPS gaming monitor designed for high-performance visual experiences. It features AMD FreeSync Premium Technology for tear-free gaming, a 200Hz refresh rate, and a rapid response time of up to 0.5ms GTG. The monitor also supports HDR10 and offers a zero-frame design for an immersive display.

2. Setup

2.1 Package Contents

Verify that all items are present in the package:

- Display Unit
- Monitor Stand
- Power Cord
- HDMI Cable

2.2 Assembling the Monitor Stand

Carefully remove the monitor and stand components from the packaging. Attach the stand base to the stand neck, then secure the assembled stand to the back of the monitor. Ensure all connections are firm.



Image: Front view of the Acer Nitro KG241Y X1biip monitor with its stand, showcasing the zero-frame design.

2.3 VESA Mounting

The monitor is VESA mounting compliant (100 x 100mm). If using a VESA mount, remove the stand and attach the monitor to your VESA-compatible arm or wall mount using appropriate screws.





Image: Rear view of the Acer Nitro KG241Y X1biip monitor, highlighting the VESA mounting points and input ports.

2.4 Connecting to a Device

Connect the monitor to your computer or other video source using one of the available ports:

- **DisplayPort 1.2:** For optimal performance, especially for 200Hz refresh rates.
- **HDMI 2.0:** Two ports are available for connecting multiple devices.

Connect the power cord to the monitor and then to a power outlet.

3. Operating the Monitor

3.1 Power 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 active.

3.2 On-Screen Display (OSD) Menu

Use the control buttons or joystick (if present) on the monitor to navigate the OSD menu. This menu allows you to adjust various settings such as brightness, contrast, color modes, input source, and gaming features.

3.3 Key Features and Adjustments

- **Full HD (1920 x 1080) Resolution:** The monitor provides clear and detailed images. Ensure your device's display settings are configured to 1920x1080 for the best visual quality.



Image: Visual comparison demonstrating the enhanced detail of Full HD (1920x1080) resolution compared to 720p.

- **200Hz Refresh Rate:** For smooth motion, especially in fast-paced content. Access the OSD menu or your graphics card settings to ensure the 200Hz refresh rate is enabled.

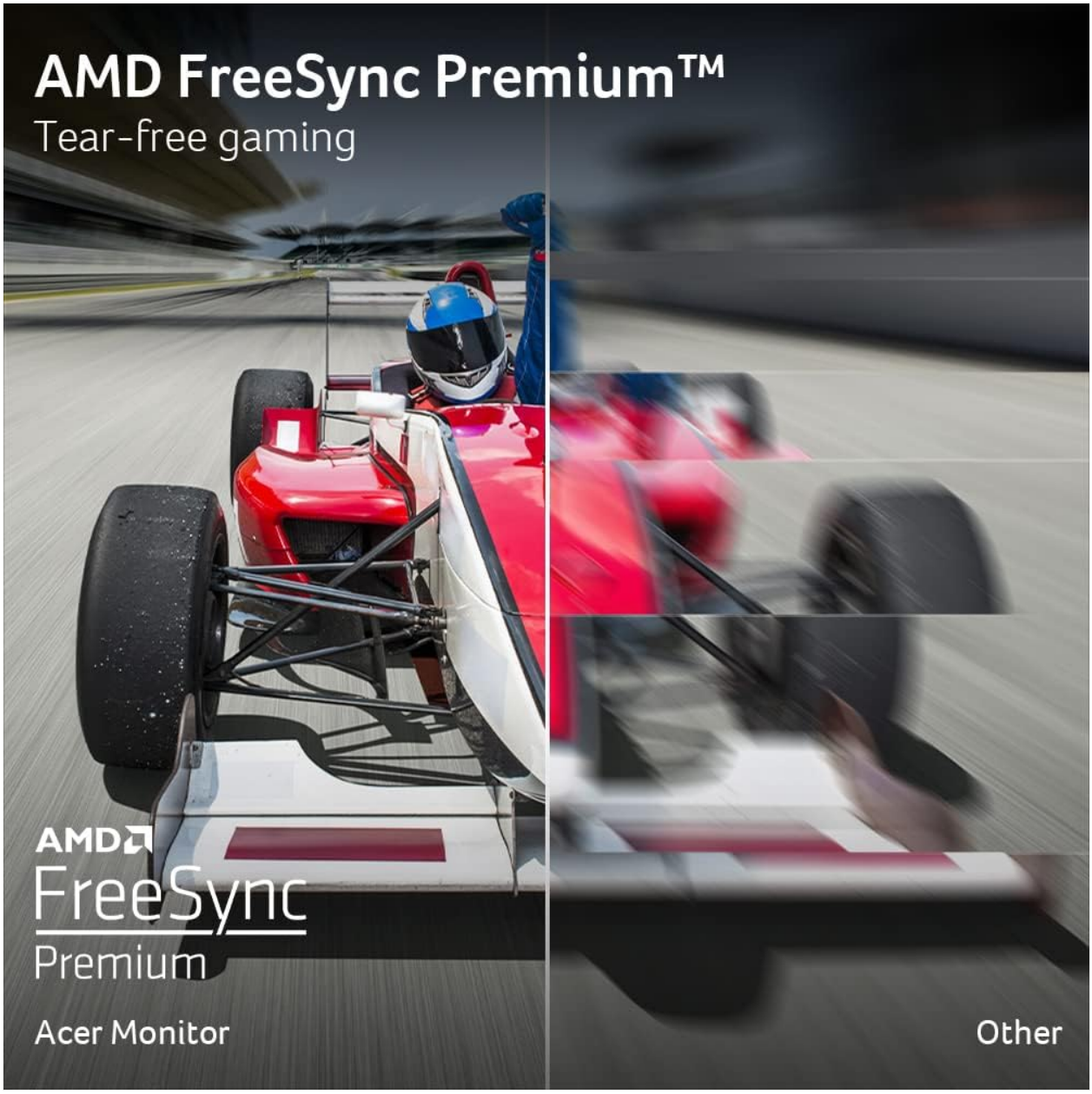


Image: Depiction of a race car, illustrating the fluid motion achieved with a 200Hz refresh rate.

- **Up to 0.5ms GTG Response Time:** Minimizes motion blur and ghosting. This setting is typically enabled by default or can be adjusted in the OSD's gaming settings.



Image: A visual representation of a race car, highlighting the sharp image quality with a 0.5ms Gray-to-Gray response time.

- **AMD FreeSync Premium Technology:** Synchronizes the monitor's refresh rate with your graphics card's frame rate to eliminate screen tearing and stuttering. Ensure FreeSync is enabled in the monitor's OSD and your graphics card software.



Image: A split image illustrating the difference between a display with screen tearing (Sync OFF) and a smooth display with AMD FreeSync Premium enabled (Sync ON).

- **HDR10 Support:** Enhances contrast, brightness, and color depth for more realistic visuals. Activate HDR in your operating system's display settings and the monitor's OSD.



Image: A space-themed image showcasing the expanded contrast and color palette provided by HDR10 support.

- **sRGB 99% Color Saturation:** Provides accurate color reproduction, suitable for various applications including graphic design and photo editing.

4. Maintenance

4.1 Cleaning the Monitor

To clean the monitor screen, gently wipe it with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Avoid using harsh chemicals or abrasive materials.
To clean the monitor casing, use a soft, dry cloth. Do not spray cleaning solutions directly onto the monitor.

4.2 General Care

- Avoid placing heavy objects on the monitor or its cables.
- Do not expose the monitor to direct sunlight, excessive heat, or extreme cold.
- Keep the monitor away from liquids and high humidity.
- Ensure adequate ventilation around the monitor to prevent overheating.

5. Troubleshooting

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the monitor and the power outlet. Check if the power outlet is functional.
- **No Signal:** Verify that the video cable (HDMI or DisplayPort) is correctly connected to both the monitor and your computer/device. Ensure the correct input source is selected in the monitor's OSD menu.
- **Display Issues (e.g., flickering, distorted image):** Check the video cable for damage. Try a different cable or port. Ensure your graphics card drivers are up to date. Adjust refresh rate and resolution settings in your operating system.
- **Buttons Not Responding:** Power cycle the monitor by unplugging it for a few seconds and then plugging it back in.

For persistent issues, consult the Acer support website or contact customer service.

6. Specifications

The following table outlines the technical specifications for the Acer Nitro KG241Y X1biip monitor:

Feature	Specification
Model Number	KG241Y X1biip
Screen Size	23.8 Inches
Screen Resolution	1920 x 1080 (Full HD)
Max Screen Resolution	1920 x 1080
Refresh Rate	200Hz
Response Time	1ms (G to G) - Up to 0.5ms (G to G)
Panel Type	IPS
Aspect Ratio	16:9
Color Saturation	sRGB 99%
HDR Support	HDR10 Support
Adaptive Sync Technology	AMD FreeSync Premium
Connectivity	1 x Display Port 1.2, 2 x HDMI 2.0 Ports
VESA Mounting	100 x 100mm
Ergonomic Tilt	-5° to 25°
Item Weight	8.93 pounds
Product Dimensions (LxWxH)	8.28 x 21.27 x 16.36 inches
Color	Black

7. Warranty and Support

7.1 Warranty Information

For detailed warranty information, please refer to the warranty card included with your product or visit the official Acer support website. Keep your proof of purchase for warranty claims.

7.2 Customer Support

If you require further assistance or have questions not covered in this manual, please contact Acer customer support. You can find contact information and additional resources on the official Acer website: Visit the Acer Store