

acer KG273 X1bmipx

Acer Nitro KG273 X1bmipx 27-inch FHD Gaming Monitor User Manual

Model: KG273 X1bmipx (UM.HX3AA.101)

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Acer Nitro KG273 X1bmipx 27-inch Full HD IPS Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

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



Figure 2.1: Acer Nitro KG273 X1bmipx Monitor with stand.

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. Ensure it clicks securely into place or is fastened with screws if provided.
3. Attach the stand base to the stand neck. Tighten the thumb screw or screws at the bottom of the base to secure it.



Figure 3.1: Assembled monitor, front view.

3.2 Connecting the Monitor

1. **Power Connection:** Connect the power cord to the monitor's power input and then to a power outlet.
2. **Video Connection:** Connect one end of the provided HDMI cable to the HDMI 2.0 port on the monitor and the other end to the HDMI output port on your computer or device. Alternatively, use a DisplayPort 1.2 cable for connection to the DisplayPort on the monitor and your device.

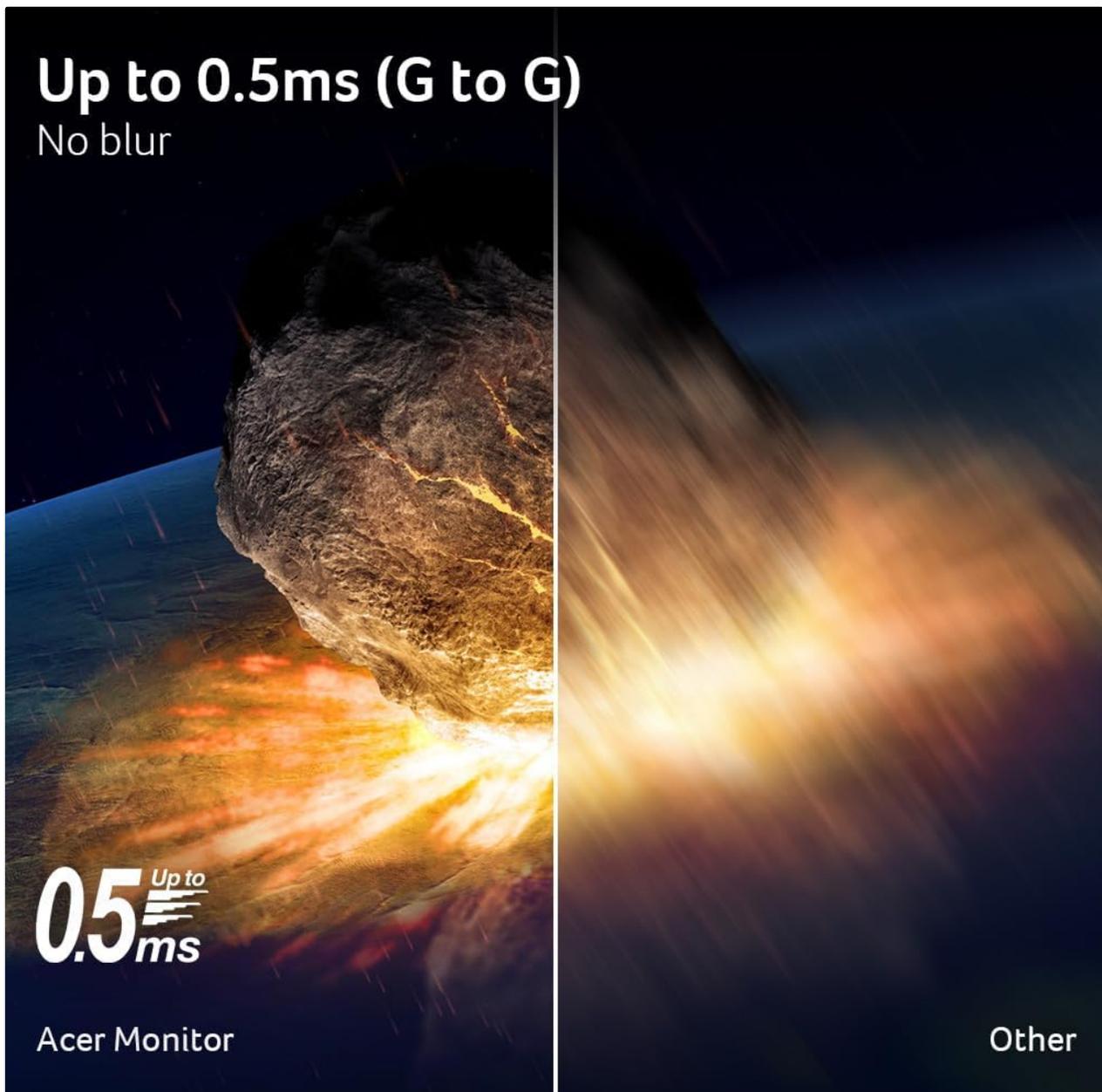


Figure 3.2: Rear view of the monitor with input ports.

3.3 Initial Power On

Press the power button located on the monitor to turn it on. The monitor should automatically detect the input signal. If no signal is detected, ensure your computer is on and the video cable is securely connected.

4. OPERATING INSTRUCTIONS

4.1 On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Typically, buttons are located on the back or bottom right of the monitor. Refer to the quick start guide for specific button functions.

- Press a menu button to activate the OSD.
- Use navigation buttons (up/down/left/right) to browse through menu options.
- Press the select button to enter a sub-menu or confirm a setting.
- Press the exit button to close the OSD menu.

4.2 Display Settings

Adjust these settings for optimal visual experience:

- **Resolution:** Ensure your computer's display settings are set to **1920 x 1080 (Full HD)** for the sharpest image.
- **Refresh Rate:** For smooth motion, set the refresh rate to **200Hz** in your operating system's display settings.
- **AMD FreeSync Premium:** Enable AMD FreeSync Premium in the monitor's OSD and your graphics card software for tear-free gaming.



Figure 4.1: Visual difference between 1080p and 720p resolution.

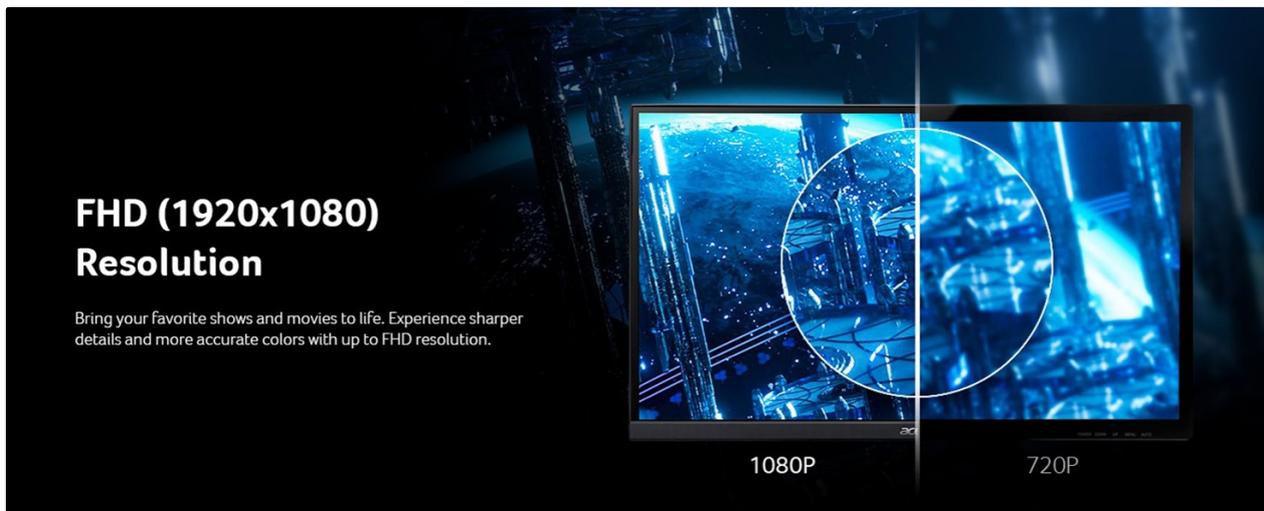


Figure 4.2: AMD FreeSync Premium ensures tear-free gaming.



Figure 4.3: High refresh rate (200Hz) for smoother visuals.

4.3 Picture Settings

Within the OSD menu, you can fine-tune picture quality:

- **Brightness:** Adjust the overall luminance of the screen.
- **Contrast:** Modify the difference between the brightest and darkest areas of the image.
- **Color Temperature:** Select predefined color modes (e.g., Warm, Cool, User) or adjust RGB values manually.
- **Response Time:** The monitor features up to 0.1ms GTG response time for reduced motion blur. This setting may be adjustable in the OSD.

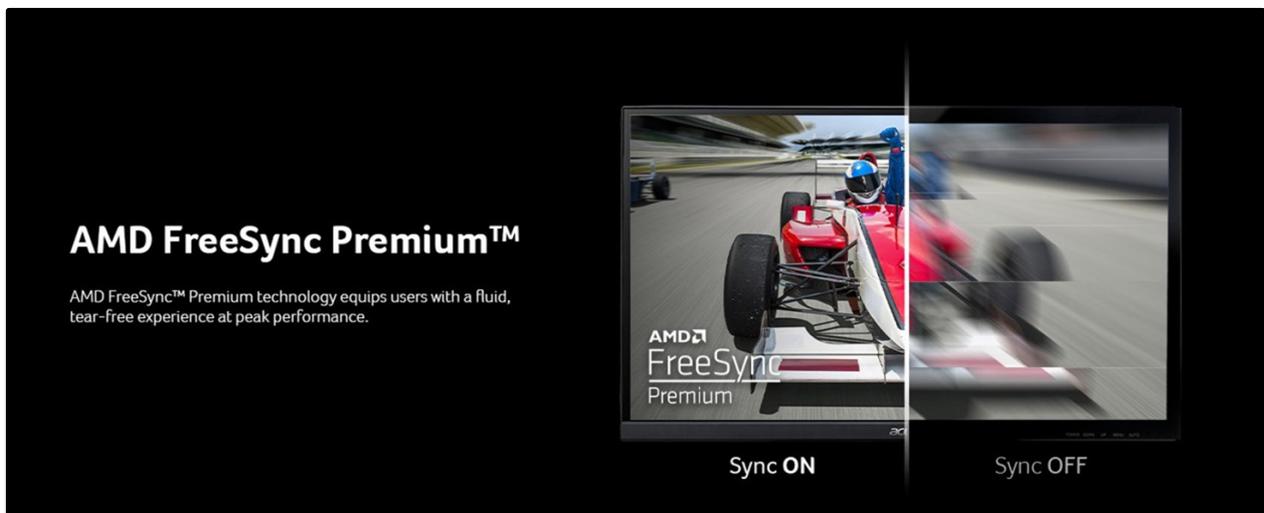


Figure 4.4: Up to 0.1ms GTG response time for clear images without blurring.

5. MAINTENANCE

5.1 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.
- Avoid using harsh chemicals, solvents, or abrasive materials.

5.2 Storage

When storing the monitor for an extended period, ensure it is powered off, unplugged, and stored in a cool, dry place, preferably 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 the power cord is securely connected and the monitor is powered on. Verify the video cable (HDMI/DisplayPort) is properly connected to both the monitor and the computer. Check if the correct input source is selected in the monitor's OSD. Ensure the computer is powered on and not in sleep mode.
Image flickering or unstable	Check the video cable for damage or loose connections. Ensure your graphics card drivers are up to date. Verify the refresh rate setting in your computer's display settings. If AMD FreeSync Premium is enabled, ensure your graphics card supports it and its drivers are current.
Blurred or ghosting images	Ensure the display resolution is set to 1920 x 1080. Adjust the monitor's response time setting in the OSD, if available.
Colors appear incorrect	Adjust brightness, contrast, and color temperature settings in the OSD. Reset the monitor to factory default settings via the OSD.

7. SPECIFICATIONS

The following are the technical specifications for the Acer Nitro KG273 X1bmipx monitor:

- **Model Name:** KG273 X1bmipx
- **Item Model Number:** UM.HX3AA.101
- **Screen Size:** 27 Inches
- **Panel Type:** IPS
- **Resolution:** Full HD (1920 x 1080)
- **Aspect Ratio:** 16:9
- **Refresh Rate:** 200Hz
- **Response Time:** Up to 0.1ms GTG (Gray to Gray)
- **Adaptive Sync Technology:** AMD FreeSync Premium
- **Video Inputs:** 1 x DisplayPort 1.2, 1 x HDMI 2.0
- **Ergonomics:** Tilt (-2° to 13°)
- **VESA Mounting:** 75 x 75mm compliant
- **Product Dimensions (LxWxH):** 6.69 x 24.17 x 18.86 inches
- **Item Weight:** 11.58 pounds

- **Features:** Zero-Frame Design, Flicker-less, Low Dimming, ComfyView display



Figure 7.1: Monitor dimensions.

8. WARRANTY INFORMATION

For detailed warranty information regarding your Acer Nitro KG273 X1bmipx monitor, please refer to the warranty card included in your product packaging or visit the official Acer website. Warranty terms and conditions may vary by region and purchase date.

9. SUPPORT

If you require further assistance or technical support, please visit the official Acer support website. You can find drivers, FAQs, and contact information for customer service there. Please have your monitor's model name (KG273 X1bmipx) and serial number ready when contacting support.

