acer VG240Y Pbiip

Acer Nitro VG240Y Pbiip 23.8-inch Full HD IPS Gaming Monitor User Manual

Model: VG240Y Pbiip

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Acer Nitro VG240Y Pbiip 23.8-inch Full HD IPS Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

The Acer Nitro VG240Y Pbiip is a 23.8-inch Full HD (1920 x 1080) Widescreen IPS Gaming Monitor designed for an immersive visual experience. It features AMD Radeon FreeSync Technology, a 1ms Visual Response Boost (VRB) response time, and a 144Hz refresh rate for smooth gameplay. The monitor also boasts a Zero Frame design, minimizing bezels for a more expansive view.

Key Features:

- 23.8-inch Full HD (1920 x 1080) Widescreen IPS Display
- AMD Radeon FreeSync Technology
- 1ms VRB Response Time
- 144Hz Refresh Rate
- Zero Frame Design
- Connectivity: 1 x DisplayPort, 2 x HDMI 2.0 ports

What's in the Box:

- Acer Nitro VG240Y Pbiip Monitor
- Monitor Stand (Base and Neck)
- Power Cable
- HDMI Cable
- User Manual and Documentation

Figure 2.1: Front view of the Acer Nitro VG240Y Pbiip monitor.

Figure 2.2: The monitor features an IPS panel for wide viewing angles and accurate colors.

3. SETUP

3.1 Assembling the Monitor Stand

1. Carefully remove the monitor and its components from the packaging.
2. Attach the stand neck to the monitor panel. Ensure it clicks securely into place or is fastened with screws as indicated in the quick start guide.
3. Attach the stand base to the stand neck. Tighten any screws firmly to ensure stability.

Note: The monitor supports VESA mounting (100mm x 100mm) for alternative mounting solutions. Refer to your VESA mount's instructions for installation.

Figure 3.1: The monitor fully assembled on its stand.

3.2 Connecting Cables

1. **Power Connection:** Connect the power cable to the monitor's power input and then to a power outlet.
2. **Video Connection:** Connect one end of the provided HDMI cable (or a DisplayPort cable, sold separately) to the corresponding port on your computer's graphics card and the other end to an HDMI or DisplayPort input on the monitor. The monitor has two HDMI 2.0 ports and one DisplayPort.

Figure 3.2: Rear view displaying the HDMI and DisplayPort inputs.

3.3 Powering On

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

4. OPERATING INSTRUCTIONS

4.1 On-Screen Display (OSD) Menu

The monitor features a joystick-style control on the back for navigating the On-Screen Display (OSD) menu. This menu allows you to adjust various display settings.

Figure 4.1: Location of the OSD joystick control on the monitor's rear.

4.2 Adjusting Settings

To access the OSD menu, press the joystick button. Use the joystick to navigate through the menu options and adjust settings such as:

- **Picture:** Brightness, Contrast, Black Boost, Blue Light, ACM, HDR, Super Sharpness.
- **Color:** Gamma, Color Temperature (Warm, Cool, User), R/G/B Gain, R/G/B Bias.
- **Gaming:** Over Drive, FreeSync, VRB (Visual Response Boost).
- **OSD:** Language, OSD Timeout, Transparency.

- **System:** Input Selection, Wide Mode, DDC/CI, Quick Start Mode.

Input Selection: To switch between connected devices, navigate to the 'System' menu and select 'Input Selection'. Choose the desired input (HDMI 1, HDMI 2, or DisplayPort).

5. MAINTENANCE

5.1 Cleaning the Monitor

- Always turn 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.
- Wipe the screen gently. Avoid applying excessive pressure.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

5.2 General Care

- Avoid placing the monitor in direct sunlight or near heat sources.
- Ensure adequate ventilation around the monitor to prevent overheating.
- Do not block the ventilation openings on the monitor.
- Protect the screen from sharp objects or excessive force.

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 cable is securely connected and the monitor is turned on. Verify 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 flickering or distortion	Check the video cable for damage or loose connections. Ensure your graphics card drivers are up to date. Adjust the refresh rate in your computer's display settings. Disable or enable FreeSync/VRB in the OSD menu to see if it resolves the issue.
No sound	This monitor model (VG240Y Pbiip) does not feature built-in speakers. Audio must be routed through external speakers or headphones connected to your computer or gaming console.
Buttons not responding	Unplug the monitor's power cable, wait 30 seconds, and plug it back in. This can reset the monitor's internal controls.

If the problem persists after trying these solutions, please contact Acer customer support.

7. SPECIFICATIONS

Feature	Specification
Screen Size	23.8 Inches
Resolution	Full HD (1920 x 1080)

Feature	Specification
Panel Type	IPS
Refresh Rate	144 Hz
Response Time	1ms VRB (Visual Response Boost)
Aspect Ratio	16:9
Connectivity	2 x HDMI 2.0, 1 x DisplayPort
Special Features	AMD Radeon FreeSync Technology, Zero Frame Design, Tilt Adjustment
Color	Black
Product Dimensions	9.4 x 21.3 x 16.2 inches
Item Weight	11.53 pounds
Manufacturer	Acer

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Acer support website. Keep your purchase receipt as proof of purchase for warranty claims.