Acer VG240Y M3 (UM.QV0SI.301)

Acer Nitro VG240Y M3 Gaming Monitor User Manual

Model: VG240Y M3 (UM.QV0SI.301) | Brand: Acer

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Acer Nitro VG240Y M3 23.8 Inch IPS Full HD Gaming LCD Monitor. This monitor is designed to deliver a sharp and smooth gaming experience with its 180Hz refresh rate and 0.5ms response time, complemented by AMD FreeSync Premium technology for tear-free visuals.



Figure 1.1: Acer Nitro VG240Y M3 Gaming Monitor Overview
The image displays the front of the Acer Nitro VG240Y M3 monitor, showcasing its slim bezels and the stand. The screen shows a dynamic gaming scene, highlighting its high refresh rate and fast response time capabilities.

2. What's in the Box

Verify that all components are present in the package:

- Monitor Display Unit
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- User Manual (this document)

3. Setup Instructions

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.
3. Attach the stand base to the stand neck and tighten the captive screw at the bottom of the base.
4. Place the assembled monitor on a stable, flat surface.



Figure 3.1: Monitor Design and Tilt Adjustment
This image illustrates the monitor's sleek, zero-frame design and its adjustable tilt angle, ranging from -5° to 20°, allowing for ergonomic positioning.

3.2 Connecting to a Computer

The monitor supports both HDMI and DisplayPort connections.

1. Ensure both the monitor and your computer are powered off.
2. Connect one end of the provided HDMI cable to the HDMI port on your computer's graphics card.
3. Connect the other end of the HDMI cable to one of the HDMI ports (HDMI 1 or HDMI 2) on the back of the monitor.
4. Alternatively, for DisplayPort connectivity, connect a DisplayPort cable (not included) from your computer's graphics card to the DisplayPort on the monitor.



Figure 3.2: Versatile Connectivity Options
The image shows the rear panel of the monitor, highlighting the available input ports: DisplayPort, two HDMI ports, integrated speakers, and an audio output jack.

3.3 Power Connection

1. Connect the power cord to the power input on the back of the monitor.
2. Plug the other end of the power cord into a grounded electrical outlet.

4. Operating the Monitor

4.1 Powering On/Off

Press the power button, typically located on the bottom right side of the monitor, to turn the monitor on or off. The power indicator light will illuminate when the monitor is on.

4.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the buttons located on the bottom right of the monitor to navigate the OSD menu:

- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons:** Used to move through menu options (up/down/left/right).
- **Select Button:** Confirms a selection.
- **Exit Button:** Exits the current menu or the OSD.

The Acer Display Widget software can also be used for easy modification of monitor settings directly from your computer.

4.3 Key Features and Settings

- **180Hz Refresh Rate:** Provides extremely smooth motion for fast-paced gaming. Ensure your graphics card and game settings are configured to utilize this refresh rate.
- **0.5ms Response Time (VRB):** Minimizes motion blur and ghosting, crucial for competitive gaming.



Figure 4.1: 0.5ms Response Time Demonstration
This image visually compares the clarity of motion on the Acer monitor with its 0.5ms response time against a typical monitor, showing significantly reduced blur.

- **AMD FreeSync Premium:** Synchronizes the monitor's refresh rate with your AMD graphics card's frame rate to eliminate screen tearing and stuttering. Enable this feature in your graphics card settings.

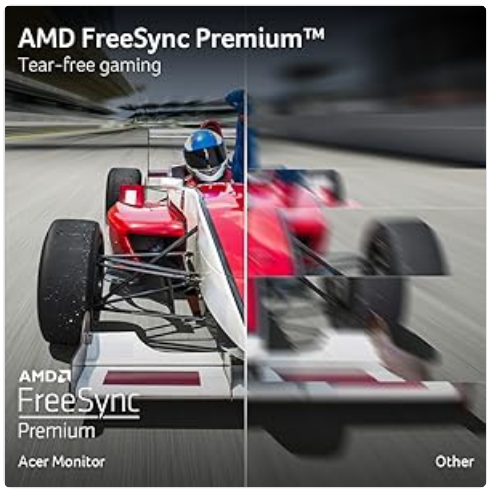


Figure 4.2: AMD FreeSync Premium in Action
This image illustrates the benefit of AMD FreeSync Premium, showing a smooth, tear-free visual on the left compared to a screen with tearing on the right.

- **HDR 10 Support:** Enhances contrast and color accuracy for a more immersive visual experience.



Figure 4.3: Color Precision and HDR
The image highlights the monitor's capability for precise color reproduction and support for HDR10, ensuring rich and accurate visuals.

- **Acer VisionCare 2.0:** A suite of eye-care technologies including Bluelight Shield PRO, Flickerless, Low Dimming, and Comfyview, designed to reduce eye strain during prolonged use. The monitor is Eye Safe Certified.

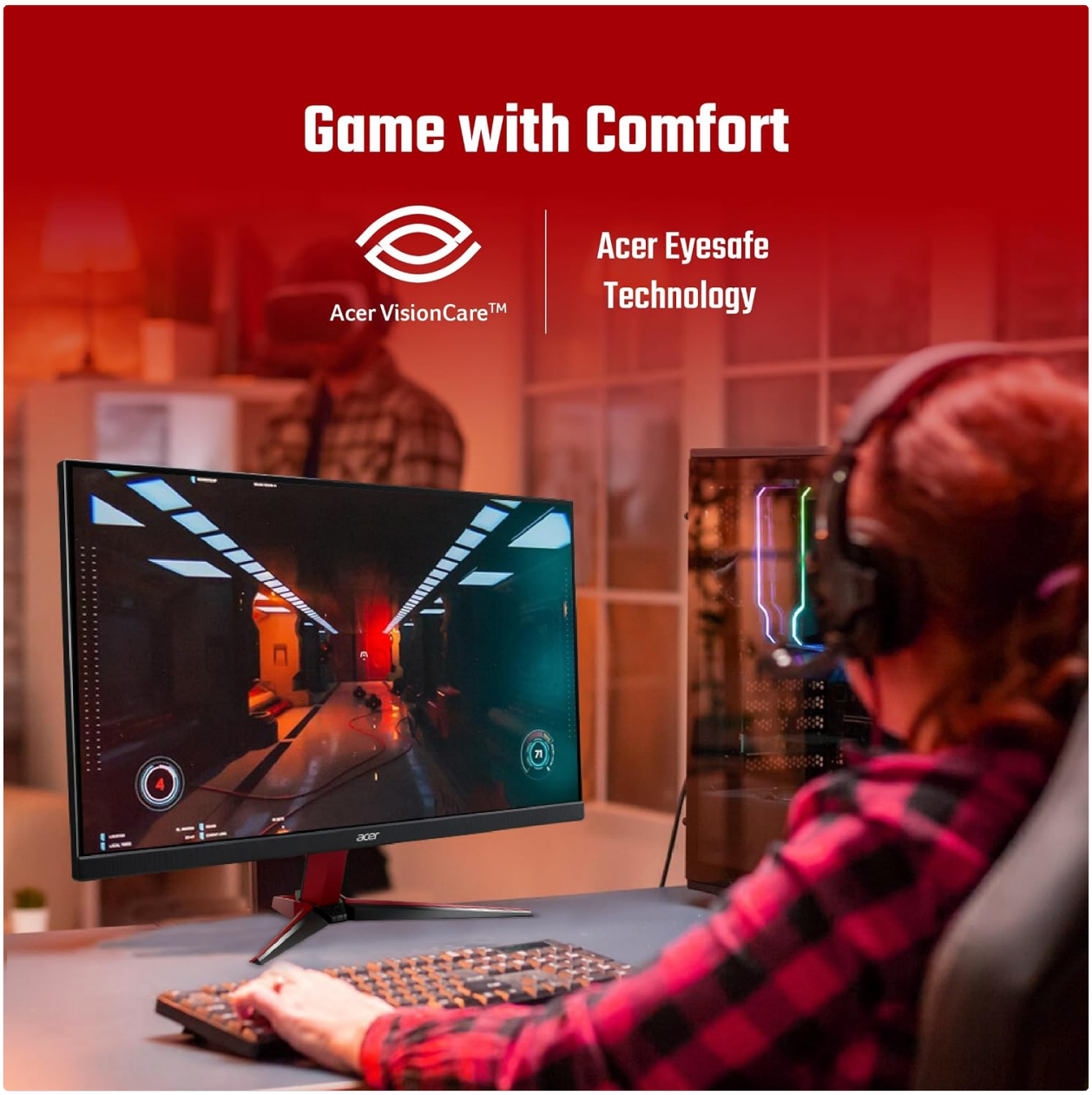


Figure 4.4: Gaming with Eye Comfort
This image shows a user engaged in gaming, emphasizing the comfort provided by Acer VisionCare and Eyesafe Technology for extended sessions.

- **Game View Technology:** Offers eight pre-set display modes to optimize visuals for different types of content, such as Action, Racing, Sports, and User-defined.

5. Maintenance

5.1 Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Wipe the screen gently to remove dust and smudges.
- For the monitor casing, use a soft, dry cloth. Avoid using strong detergents or solvents.

6. Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Ensure power and video cables are securely connected. Press the OSD menu button to select the correct input source (HDMI 1, HDMI 2, or DisplayPort).
Image is blurry or distorted	Incorrect resolution; Graphics driver issue.	Set the display resolution to 1920 x 1080 pixels in your computer's display settings. Update your graphics card drivers.
Screen flickering	Refresh rate mismatch; Cable issue; FreeSync conflict.	Ensure refresh rate is set to 180Hz. Try a different video cable. If using FreeSync, ensure it's enabled correctly in both monitor OSD and graphics card software, or try disabling it temporarily.
No sound from speakers	Volume too low; Incorrect audio output selected on computer; Audio cable not connected (if using audio out).	Adjust monitor volume via OSD. Select the monitor as the default audio output device in your computer's sound settings.

7. Specifications

Feature	Specification
Brand	Acer
Model Number	UM.QV0SI.301
Series	VG20Y M3
Screen Size	23.8 Inches
Display Type	IPS LCD with LED Backlight
Resolution	1920 x 1080 Pixels (Full HD)
Refresh Rate	180 Hz
Response Time	0.5 ms (G to G)
Adaptive Sync Technology	AMD FreeSync Premium
HDR Support	HDR 10
Brightness	250 nits

Feature	Specification
Viewing Angle	178 Degrees (Wide View Angle)
Color Gamut	sRGB 99%
Connectivity	2 x HDMI (2.0), 1 x DisplayPort (1.2), Audio Out
Speakers	Built-in 2W x 2 Stereo Speakers
Dimensions (LxWxH)	24.01 x 54.03 x 41.33 cm (with stand)
Item Weight	3.57 kg
Tilt Angle	-5° to 20°
Eye Care Technology	Acer VisionCare 2.0 (Bluelight Shield PRO, Flickerless, Low Dimming, Comfyview, Eye Safe Certified)

8. Warranty and Support

8.1 Warranty Information

This Acer Nitro VG240Y M3 monitor typically comes with a**3-Year Limited Warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use. Please retain your proof of purchase for warranty claims.
For detailed warranty terms and conditions, refer to the warranty card included with your product or visit the official Acer support website.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty service, please contact Acer Customer Support:

- **Manufacturer:** Acer I Pvt Ltd, Acer Incorporated
- **Importer:** ACER INDIA PRIVATE LIMITED, Embassy Heights, 6th Floor, No. 13 Magrath Road, Next to HOSMAT Hospital, Bangalore, INDIA – 560025
- Visit the official Acer support website for contact numbers, service centers, and online resources.