

## acer VG270U

# User Manual: Acer VG270U 27" WQHD Gaming Monitor

Model: VG270U

## 1. INTRODUCTION

---

Thank you for choosing the Acer VG270U 27-inch WQHD Gaming Monitor. This manual provides essential information for setting up, operating, and maintaining your new display. Designed for an immersive gaming experience, this monitor features a ZeroFrame design, a rapid 1ms Visual Response Boost (VRB) response time, a 75Hz refresh rate, and AMD FreeSync technology for fluid, lag-free visuals.

## 2. PACKAGE CONTENTS

---

Please check that all items listed below are present and in good condition. If any items are missing or damaged, contact your retailer.

- Acer VG270U Monitor Display
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable
- DisplayPort Cable (may vary by region)
- User Manual (this document)
- Warranty Card

## 3. SETUP

---

### 3.1 Assembling the Monitor Stand

1. Carefully place the monitor display face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting holes. Secure with the provided screws.

3. Attach the stand base to the bottom of the stand neck. Tighten the thumb screw or use a screwdriver to secure it firmly.
4. Carefully lift the assembled monitor and place it upright on a stable, flat surface.

### 3.2 Connecting the Monitor

Before connecting, ensure both the monitor and your computer are powered off.

- **Power Connection:** Connect the power cord to the monitor's power input, then plug the other end into a grounded electrical outlet.
- **Video Connection:**
  - For optimal performance, connect the monitor to your computer using either the provided HDMI or DisplayPort cable.
  - Connect one end of the video cable to the corresponding port on the monitor and the other end to the video output port on your computer's graphics card.



Image: The Acer VG270U monitor with its stand, displaying a vibrant abstract image. This illustrates the monitor's sleek design and how it appears when fully assembled and powered on.

## 4. OPERATING THE MONITOR

### 4.1 Powering On/Off

Locate the power button, usually on the bottom right or rear of the monitor. Press it 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 navigation buttons (often a joystick or a set of buttons) located near the power button to access and navigate the OSD.

- **Brightness/Contrast:** Adjust the overall luminance and distinction between light and dark areas.
- **Color Settings:** Modify color temperature, gamma, and individual RGB levels.
- **Input Source:** Manually select the active video input (HDMI, DisplayPort).
- **Audio:** Control volume for the built-in speakers or connected headphones.
- **Gaming Features:** Enable or disable features like AMD FreeSync, Overdrive, and VRB (Visual Response Boost) for enhanced gaming performance.

### 4.3 AMD FreeSync Technology

This monitor supports AMD FreeSync technology, which synchronizes the monitor's refresh rate with your AMD graphics card's frame rate. This eliminates screen tearing and reduces stuttering for a smoother gaming experience. Ensure FreeSync is enabled in both the monitor's OSD and your AMD Radeon Software settings.

## 5. MAINTENANCE

### 5.1 Cleaning the Monitor

- Always unplug the monitor 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.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as these can damage the monitor.

### 5.2 Storage

If storing the monitor for an extended period, disconnect all cables and pack it in its original packaging to protect it from dust and physical damage. Store in a cool, dry place.

## 6. TROUBLESHOOTING

If you encounter issues with your monitor, please 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 powered on. Check that the video cable (HDMI/DisplayPort) is firmly connected to both the monitor and the computer. Verify the correct input source is selected in the monitor's OSD menu. Test with another video cable or another computer if possible.
Image is blurry or distorted	Ensure the display resolution on your computer is set to the monitor's native resolution (2560x1440). Adjust the monitor's OSD settings (e.g., sharpness, clock, phase).
Screen flickering	Check for loose video cable connections. Disable AMD FreeSync in the OSD or graphics card settings to see if it resolves the issue. Update your graphics card drivers.

Problem	Possible Solution
No sound from speakers	<p>Increase the volume in the monitor's OSD menu and on your computer.</p> <p>Ensure the audio output is correctly configured on your computer.</p> <p>Verify the video cable (HDMI/DisplayPort) supports audio transmission.</p>

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

## 7. SPECIFICATIONS

Feature	Detail
Model Number	VG270U
Screen Size	27 Inches
Resolution	2560 x 1440 (WQHD)
Aspect Ratio	16:9
Response Time	1ms (VRB)
Refresh Rate	75Hz
Panel Type	IPS
Brightness	350 cd/m <sup>2</sup>
Connectivity	HDMI, DisplayPort
Built-in Speakers	Yes (2W x 2)
AMD FreeSync	Supported
Dimensions (with stand)	Approx. 26 x 18.2 x 5.6 inches
Weight (with stand)	Approx. 14.07 pounds

## 8. WARRANTY AND SUPPORT

Your Acer VG270U monitor comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions, including warranty period and coverage details.

For technical support, troubleshooting assistance, or to inquire about warranty service, please visit the official Acer support website or contact their customer service.

**Acer Support Website:** [www.acer.com/support](http://www.acer.com/support)