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acer K273 E

Acer K273 Series Monitor User Manual

Model: K273 E | Brand: Acer

1. Introduction

This manual provides essential information for the safe and efficient operation of your Acer K273 27-inch Full HD IPS Gaming Monitor. Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

- Ensure the monitor is placed on a stable, level surface to prevent accidental falls.
- Do not block ventilation openings. Proper airflow is essential to prevent overheating.
- Use only the power adapter supplied with the monitor.
- Avoid exposing the monitor to moisture or extreme temperatures.
- Disconnect the power cable from the outlet before cleaning the monitor.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

3. Package Contents

Verify that all items listed below are included in your package:

- Acer K273 27-inch Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cord
- HDMI Cable
- User Manual (this document)

4. Setup

4.1 Assembling the Monitor Stand

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand neck to the monitor panel by aligning the tabs and pushing firmly until it clicks into place.

3. Attach the stand base to the stand neck. Secure it with the captive screw located at the bottom of the base.



Figure 4.1: Rear view of the Acer K273 monitor, showing the attachment point for the stand. The stand is designed for easy assembly, connecting securely to the back of the monitor panel.



Figure 4.2: Alternative rear view of the Acer K273 monitor, possibly with a different stand base or showing the VESA mount points. This image highlights the monitor's rear panel and connectivity options.

4.2 Connecting the Monitor

1. **Power Connection:** Connect the power adapter to the monitor's power input port, then plug the power cord into a wall outlet.
2. **Video Connection:**
    - For optimal performance, connect an HDMI cable from your computer's HDMI output to the monitor's HDMI input.
    - Alternatively, connect a VGA cable from your computer's VGA output to the monitor's VGA input.
3. Ensure all cables are securely connected.





Figure 4.3: Side profile of the Acer K273 monitor, illustrating its slim design and the location of the input ports on the rear panel. This view helps in identifying where to connect power and video cables.

5. Operating the Monitor

5.1 Power On/Off

Press the power button located on the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. Use the control buttons (usually located on the back or bottom right of the monitor) to navigate the menu.

- Press a control button to activate the OSD menu.
- Use the navigation buttons (up/down/left/right) to select options.
- Press the select/enter button to confirm your choice.
- Press the exit button to close the OSD menu.

5.3 Picture Settings

Adjust display characteristics for optimal viewing:

- **Brightness:** Controls the overall luminance of the screen.
- **Contrast:** Adjusts the difference between light and dark areas.
- **Color Temperature:** Selects preset color temperatures (e.g., Warm, Cool, User).
- **Aspect Ratio:** Changes the display ratio (e.g., Full, Aspect).

5.4 Gaming Features

The Acer K273 monitor is equipped with features to enhance your gaming experience:

- **100Hz Refresh Rate:** Provides smoother motion and reduced input lag compared to standard 60Hz monitors.
- **1ms VRB (Visual Response Boost):** Reduces motion blur for fast-paced action scenes, making images clearer.
- **AMD FreeSync:** Synchronizes the monitor's refresh rate with your AMD graphics card's frame rate to eliminate screen tearing and stuttering.



Figure 5.1: The Acer K273 monitor showcasing its Full HD (1920x1080) resolution, AMD FreeSync compatibility, 100Hz refresh rate, and 1ms VRB response time, highlighting key performance features for an enhanced visual experience.



Figure 5.2: Front view of the Acer K273 monitor, displaying a vibrant image. This illustrates the monitor's visual quality and its sleek design with minimal bezels.

5.5 BlueLightShield™ Technology

This technology reduces the emission of harmful blue light from the screen, helping to minimize eye strain during prolonged use. You can enable or adjust this setting through the OSD menu.

Figure 5.3: An illustration demonstrating Acer's BlueLightShield™ technology, which filters out harmful blue light to reduce eye strain and improve viewing comfort, especially during extended use.

5.6 Zero Frame Design

The monitor features a Zero Frame design, which means it has ultra-thin bezels. This design maximizes the viewing area and is ideal for multi-monitor setups, providing a more seamless visual experience.

Figure 5.4: The "ZERO FRAME" logo, representing the monitor's ultra-thin bezel design. This feature enhances the immersive viewing experience and is particularly beneficial for multi-monitor configurations.

6. Maintenance

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth slightly with water or a non-ammonia, non-alcohol based screen cleaner. Do not spray cleaner directly onto the screen.

- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing.
- Ensure the monitor is unplugged before cleaning.
- Avoid using abrasive cleaners or solvents as they may damage the surface.

7. Troubleshooting

Problem	Possible Solution
No image on screen	Ensure the power cable is securely connected to the monitor and the power outlet. Check if the video cable (HDMI/VGA) is properly connected to both the monitor and the computer. Verify that the correct input source is selected on the monitor (via OSD menu). Confirm the computer is powered on and not in sleep mode.
Image is blurry or distorted	Adjust the resolution settings on your computer to match the monitor's native resolution (1920x1080). Check the video cable for damage or loose connections. Perform an auto-adjust function via the OSD menu (if available).
Colors appear incorrect	Adjust color settings (Color Temperature, RGB) in the OSD menu. Ensure the video cable is not damaged.

8. Specifications

Feature	Detail
Model Number	K273 E
Screen Size	27 Inches
Panel Type	IPS
Resolution	Full HD (1920 x 1080)
Aspect Ratio	16:9
Refresh Rate	100Hz
Response Time	1ms VRB
Brightness	250 nits
Connectivity	HDMI, VGA
Product Dimensions	2.7 x 24.1 x 14.4 inches
Item Weight	9.48 pounds

9. Warranty and Support

This product is covered by a standard manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Acer support website. For technical assistance, troubleshooting, or service inquiries, please contact Acer customer support.

Online Support: Visit the official Acer support website for drivers, FAQs, and service information.

Contact Information: Refer to your product packaging or the Acer website for regional contact details.

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