

Acer UM.QE1SS.601

Acer EK240Y P6 23.8 Inch IPS Full HD LED Monitor

USER MANUAL

Introduction

Thank you for choosing the Acer EK240Y P6 monitor. This 23.8-inch Full HD (1920x1080) IPS LED monitor is designed to provide an immersive visual experience with its 144Hz refresh rate and 1ms Visual Response Boost (VRB). Featuring AMD FreeSync technology, it ensures smooth, tear-free gameplay. The monitor also incorporates Acer VisionCare technologies, including BlueLightShield, Flicker-less, and ComfyView, to reduce eye strain during prolonged use. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new monitor.



Figure 1: Acer EK240Y P6 Monitor with 144Hz Refresh Rate Highlight



Full HD
1920x1080



Wide Viewing
Angle

AMD
RADEON
FreeSync



23.8"
Full HD



Zero
Frame



Figure 2: Key Features of the Acer EK240Y P6 Monitor

Safety Information

- Always place the monitor on a stable, level surface to prevent it from falling.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power cord and adapter supplied with the monitor.
- Do not expose the monitor to rain or moisture to avoid electric shock.
- Unplug the monitor from the power outlet before cleaning.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified service personnel.

Package Contents

Please check the package contents carefully. If any items are missing or damaged, contact your retailer immediately.

- Acer EK240Y P6 Monitor
- Monitor Stand (Base and Neck)
- Power Cord
- User Manual (this document)
- HDMI Cable

Setup

1. Assembling the Monitor Stand

1. Carefully place the monitor 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 screws if provided.
3. Attach the stand base to the neck, ensuring it clicks into place or is secured with the captive screw.

The monitor also supports VESA mounting (100x100mm) for wall or arm installation. Refer to your VESA mount's instructions for installation.

2. Connecting Cables

Locate the input ports on the back of the monitor.

CONNECTION POINTS



Figure 3: Monitor Connection Points



Figure 4: Detailed View of Monitor Ports

- **HDMI Connection:** Connect one end of the provided HDMI cable to the HDMI port on your computer's graphics card and the other end to the HDMI port on the monitor.
- **VGA Connection:** Alternatively, connect a VGA cable (not included) from your computer's VGA port to the VGA port on the monitor.
- **Power Connection:** Connect the power cord to the monitor's power input and then plug the other end into a grounded electrical outlet.

3. Powering On

Press the power button on the monitor (usually located on the bottom right or rear) to turn it on. Power on your computer. The monitor should automatically detect the input signal.

Operating

1. On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. The control buttons are typically located on the bottom or rear of the monitor. Use them to navigate through the menu options.

- Press the Menu button to open the OSD.
- Use the navigation buttons (usually arrows or a joystick) to move between options.
- Press the Select/OK button to confirm a selection.
- Press the Exit button to close the OSD.

2. Picture Settings

Within the OSD, navigate to the 'Picture' or 'Image' section to adjust:

- **Brightness:** Adjusts the overall luminance of the screen.
- **Contrast:** Controls the difference between the lightest and darkest areas.
- **Color Temperature:** Selects preset color temperatures (e.g., Warm, Cool, User) or allows custom RGB adjustment.
- **Gamma:** Adjusts the tone response curve.

3. Refresh Rate and AMD FreeSync

To achieve the optimal 144Hz refresh rate and enable AMD FreeSync, ensure your graphics card supports these features and that the necessary drivers are installed.

FLUID FRAMES

AMD
FreeSync

AMD FreeSync™
technology



Flicker-less
technology



Figure 5: Fluid Frames with AMD FreeSync and Flicker-less Technology

- **Setting Refresh Rate:** In your computer's display settings (e.g., Windows Display Settings or graphics card control panel), select the Acer EK240Y P6 monitor and set the refresh rate to 144Hz.
- **Enabling AMD FreeSync:** FreeSync is typically enabled automatically when a compatible AMD graphics card is connected and the feature is active in the graphics card's software (e.g., AMD Radeon Software). Ensure FreeSync is enabled in the monitor's OSD menu if an option exists.

4. Eye Care Technologies

The Acer EK240Y P6 incorporates Acer VisionCare technologies to enhance viewing comfort.

VISION CARE



BlueLightShield™



Acer ComfyView™



Low dimming
technology

Figure 6: Acer VisionCare Technologies

- **Acer BlueLightShield:** Reduces the emission of harmful blue light. This can be adjusted or enabled/disabled in the OSD menu.
- **Acer Flicker-less:** Eliminates screen flickering, which can cause eye strain, especially during long viewing sessions. This feature is always active.
- **Acer ComfyView:** Reduces glare from ambient light, providing a more comfortable viewing experience. This is a characteristic of the display panel.

5. Response Time (VRB)

The monitor features 1ms Visual Response Boost (VRB) for clear, blur-free visuals, particularly in fast-paced scenes.

INSTANT ACTION



Figure 7: Instant Action with 1ms VRB and 250 Nits Brightness

VRB can typically be enabled or adjusted in the OSD menu under 'Gaming' or 'Overdrive' settings. Enabling VRB may slightly reduce brightness.

Maintenance

Proper maintenance ensures the longevity and optimal performance of your monitor.

- **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. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using abrasive cleaners or solvents.
- **Ventilation:** Ensure the ventilation openings on the monitor are clear of dust and obstructions.

Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions before contacting support.

Problem	Possible Solution
No power indicator / Monitor does not turn on	Ensure the power cord is securely connected to the monitor and the power outlet. Check if the power outlet is working.
No image on screen / "No Signal" message	Check if the video cable (HDMI/VGA) is securely connected to both the monitor and the computer. Ensure the correct input source is selected in the monitor's OSD. Verify the computer is powered on and not in sleep mode.
Image is flickering or unstable	Check the video cable connection. Ensure the refresh rate is set correctly in your computer's display settings. If using FreeSync, ensure it's enabled on both the monitor and graphics card.
Colors appear incorrect or distorted	Reset picture settings to factory defaults via the OSD menu. Adjust color temperature or individual RGB values. Ensure the video cable is not damaged.
Buttons on monitor do not respond	Unplug the monitor's power cord for 30 seconds, then plug it back in. This may reset the control board.

Specifications

Below are the key technical specifications for the Acer EK240Y P6 monitor.



Figure 8: Acer EK240Y P6 Key Specifications Overview

Feature	Specification
Model Number	UM.QE1SS.601
Screen Size	23.8 Inches
Panel Type	IPS
Resolution	1920 x 1080 (Full HD)
Refresh Rate	144Hz
Response Time	1ms VRB (Visual Response Boost)
Brightness	250 Nits
Contrast Ratio	1500:1
Viewing Angle	178° (H/V)

Feature	Specification
Aspect Ratio	16:9
Video Inputs	1 x HDMI, 1 x VGA
VESA Mount Compatible	Yes
Eye Care Technology	Acer BlueLightShield, Flicker-less, ComfyView
Product Dimensions (with stand)	7.56 x 21.21 x 16.18 inches
Item Weight	6.02 pounds

Warranty and Support

Your Acer EK240Y P6 monitor is covered by a 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, service, or warranty claims, please contact Acer customer support. You can find contact information on the Acer official website or in the documentation provided with your product.

When contacting support, please have your monitor's model number (UM.QE1SS.601) and serial number ready.

The serial number is typically located on a label on the back of the monitor.