acer UM.HX3AA.306

Acer Predator XB273K 27-inch 4K Gaming Monitor User Manual

Model: UM.HX3AA.306 | Brand: acer

Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Acer Predator XB273K 27-inch 4K Gaming Monitor. Designed for an immersive gaming and viewing experience, this monitor features a 4K UHD (3840 x 2160) resolution, a rapid 160Hz refresh rate, and an ultra-fast 0.5ms (G to G) response time. It incorporates AMD FreeSync Premium technology for tear-free visuals and VESA Certified DisplayHDR 400 for enhanced contrast and color. The ZeroFrame design and ergonomic stand offer flexibility and comfort for various setups.



Image: Front view of the Acer Predator XB273K 27-inch 4K Gaming Monitor, showcasing its sleek design and vibrant display.

Safety Information

Please read all instructions carefully before using the monitor. Keep this manual for future reference.

- **Electrical Safety:** Ensure the power cord is properly connected to a grounded outlet. Do not overload power strips. Disconnect power during lightning storms or when unused for long periods.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow to prevent overheating.
- **Handling:** Handle the monitor with care. Avoid dropping or subjecting it to strong impacts. Do not place heavy objects on the monitor or its cables.
- **Cleaning:** Always unplug the monitor before cleaning. Use a soft, dry cloth. Avoid liquid cleaners or aerosol sprays.
- **Environment:** Do not expose the monitor to rain, moisture, or extreme temperatures. Keep away from direct sunlight and heat sources.

Package Contents

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

- Acer Predator XB273K Monitor
- Monitor Stand (Base and Neck)
- Power Cord
- HDMI Cable

Setup

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 mounting points and securing with the provided screws.
3. Connect the stand base to the stand neck, ensuring it clicks into place or is secured with the designated screw.



Image: The Acer Predator XB273K monitor fully assembled with its ergonomic stand.

2. Connecting to a Device

1. Connect the power cord to the monitor's power input and then to a power outlet.
2. For optimal performance, connect your computer or gaming console to the monitor using either the DisplayPort 1.4 cable or one of the two HDMI 2.1 cables.
3. If desired, connect external speakers or headphones to the Audio Out port.



Image: Rear view of the Acer Predator XB273K monitor, highlighting the various input ports including DisplayPort and HDMI.

3. Initial Power On

Press the power button located on the monitor to turn it on. The monitor will automatically detect the input signal. If no signal is detected, ensure your device is powered on and correctly connected.

Operating

On-Screen Display (OSD) Navigation

The monitor features an On-Screen Display (OSD) menu for adjusting various settings. Use the control buttons or the

included remote control (if applicable) to navigate the menu. Common OSD functions include input selection, picture mode, brightness, contrast, color settings, and gaming features.

Key Features and Adjustments

- **4K UHD (3840x2160) Resolution:** Experience incredibly sharp and detailed visuals. This high resolution provides ample screen real estate for productivity and stunning clarity for entertainment.

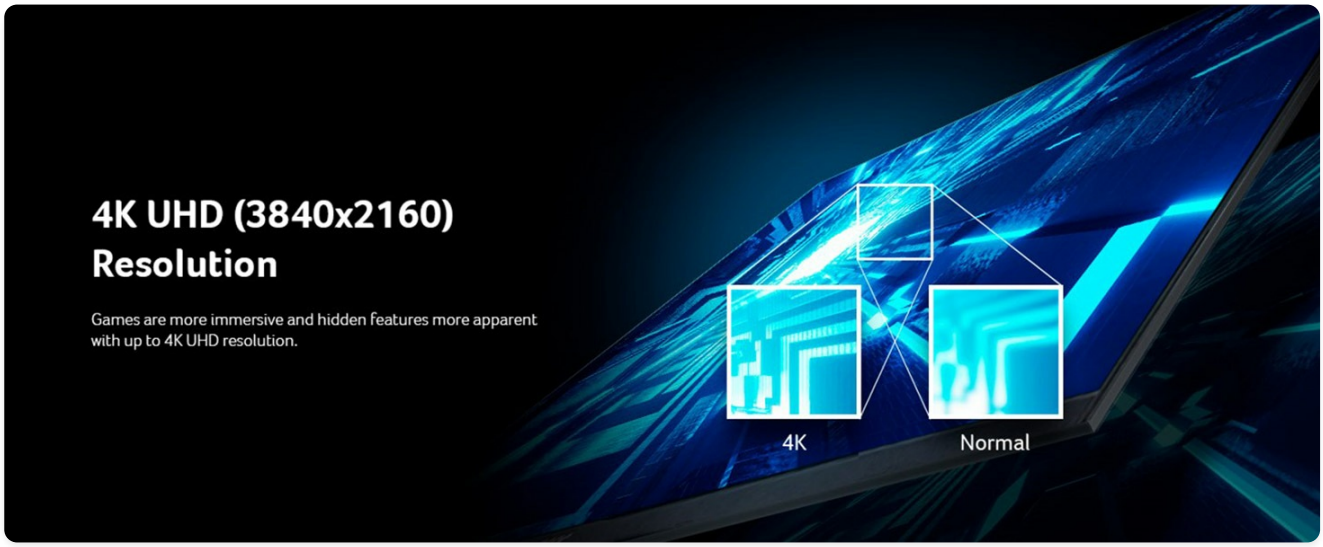


Image: Visual comparison demonstrating the superior detail of 4K UHD resolution compared to standard resolution.

- **160Hz Refresh Rate:** Enjoy ultra-smooth motion and reduced input lag, crucial for fast-paced gaming. This higher refresh rate ensures fluid transitions and a more responsive experience.



Image: Dynamic illustration showing the smoothness provided by a 160Hz refresh rate in gaming scenarios.

- **Up to 0.5ms (G to G) Response Time:**Minimize motion blur and ghosting for clear, crisp images even during intense action sequences. This rapid response time ensures every frame is rendered with precision.

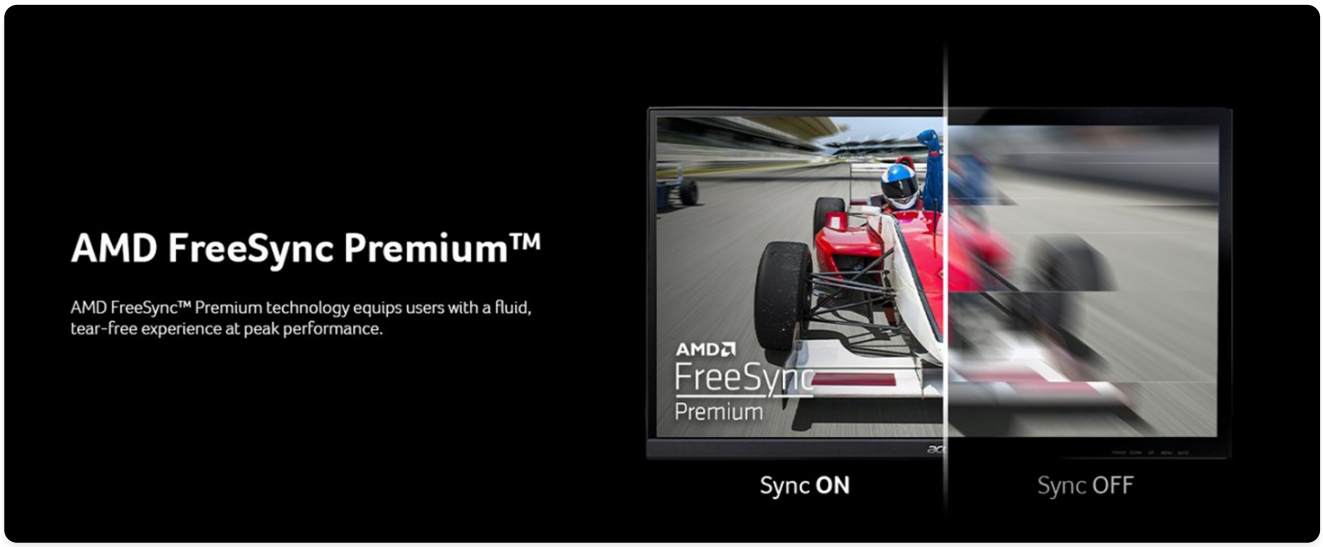


Image: Side-by-side comparison illustrating the reduction in blur with a 0.5ms G to G response time.

- **AMD FreeSync Premium:** Synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and stuttering for a fluid gaming experience.



Image: Depiction of AMD FreeSync Premium preventing screen tearing during fast-paced visuals.

- **VESA Certified DisplayHDR 400:** Delivers enhanced contrast, deeper blacks, and brighter whites, bringing out more detail in both dark and bright scenes.



Image: An astronaut on a celestial landscape, demonstrating the enhanced contrasts and vibrant colors provided by VESA

DisplayHDR 400.

- **DCI-P3 95% Wide Color Gamut:** Provides a wider range of colors than standard sRGB, resulting in more vibrant, accurate, and lifelike color reproduction.

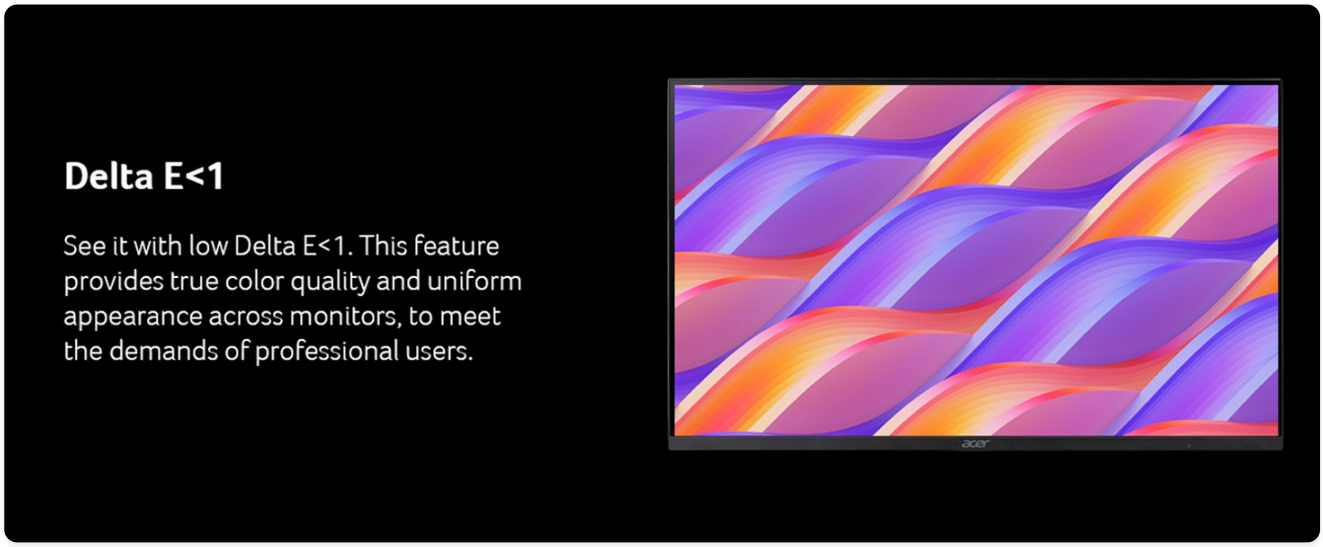


Image: A colorful fish against a dark background, illustrating the rich and accurate colors achieved with DCI-P3 95% color gamut.

- **Ergonomic Adjustments (ErgoStand):** The monitor stand allows for extensive adjustments to optimize your viewing comfort. This includes:
  - **Tilt:** -5° to 25°
  - **Height Adjustment:** Up to 5.9 inches (150mm)
  - **Swivel:** +/-25°
  - **Pivot:** +/-90° (for portrait mode)

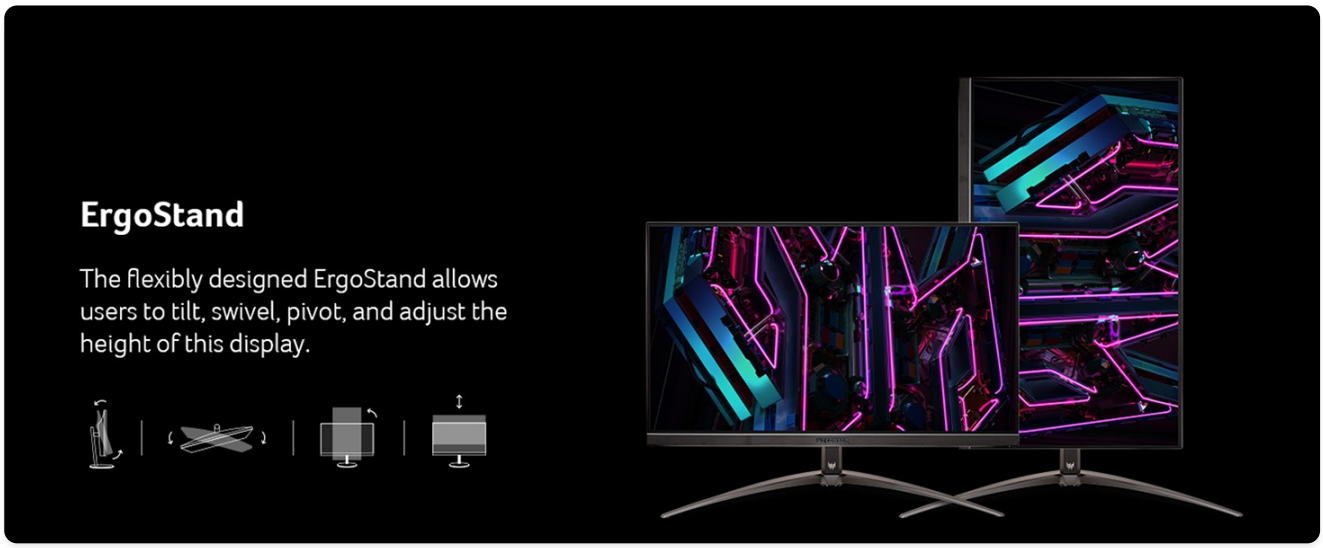


Image: Diagrams illustrating the tilt, height, swivel, and pivot adjustments available with the ErgoStand.

Maintenance

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.

- Use a soft, lint-free cloth to gently wipe the screen and exterior surfaces.
- For stubborn marks, slightly dampen the cloth with water. Avoid using alcohol, ammonia, or abrasive cleaners, as they can damage the screen.

Storage

When storing the monitor for an extended period, ensure it is powered off and disconnected from all cables. Store it in a cool, dry place, ideally in its original packaging to protect it from dust and physical damage.

Troubleshooting

This section addresses common issues you might encounter with your monitor.

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input selected.	Check power connections; Ensure video cable is securely connected to both monitor and device; Select correct input via OSD.
Image is blurry or distorted	Incorrect resolution; Cable quality; Graphics driver issue.	Set display resolution to 3840x2160; Use high-quality DisplayPort or HDMI cables; Update graphics drivers.
Flickering screen	Cable issue; Refresh rate mismatch; Graphics card limitations.	Try a different video cable; Ensure refresh rate is supported by your GPU; Lower refresh rate if necessary.
No sound from speakers	Volume too low; Incorrect audio output selected on PC; Monitor audio settings.	Increase monitor and PC volume; Select monitor as audio output device in PC settings; Check OSD audio settings.

Specifications

Feature	Detail
Standing screen display size	27 Inches
Screen Resolution	3840x2160 (4K UHD)
Max Screen Resolution	3840 x 2160
Brand	acer
Series	Predator XB273K V3bmiiprx
Item model number	UM.HX3AA.306
Item Weight	20.7 pounds

Feature	Detail
Product Dimensions	10.51 x 24.2 x 19.5 inches
Color	Black
Manufacturer	Acer
Aspect Ratio	16:9
Screen Surface Description	Glossy
Refresh Rate	160Hz
Response Time	Up to 0.5ms (G to G)
HDR Support	VESA Certified DisplayHDR 400
Color Gamut	DCI-P3 95%
Connectivity	1 x Display Port 1.4, 2 x HDMI Port 2.1, 1 x Audio Out
VESA Mounting	100 x 100mm
Speakers	2 Speakers, 2 Watts per Speaker

Warranty and Support

Acer monitors typically come with a manufacturer's warranty. For the Acer Predator XB273K, a 3-year warranty is commonly provided, covering defects in materials and workmanship under normal use. Please refer to the warranty card included with your product for specific terms and conditions, or visit the official Acer support website.

For technical support, driver downloads, or service inquiries, please visit the Acer support website or contact their customer service. Have your monitor's model number (UM.HX3AA.306) and serial number ready when contacting support.

Acer Support Website: www.acer.com/support

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question