

Acer X32 X2bmiiphx

Acer Predator X32 X2bmiiphx 31.5-inch UHD OLED Gaming Monitor User Manual

Model: X32 X2bmiiphx | Brand: Acer

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Acer Predator X32 X2bmiiphx 31.5-inch UHD OLED Gaming Monitor. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. WHAT'S IN THE BOX

Verify that all the following items are included in your product package:

- Display Unit
- Monitor Stand
- Power Cord
- DisplayPort Cable
- HDMI Cable

3. SETUP

3.1. Stand Assembly

To assemble the monitor stand:

1. Carefully remove the monitor and stand components from the packaging.
2. Attach the stand base to the stand column. Ensure it clicks securely into place or is fastened with the provided screw.
3. Align the stand column with the mounting area on the back of the monitor.
4. Gently push the stand into the monitor until it locks.

For VESA mounting (75 x 75mm), remove the stand and attach the VESA mount adapter (if included or purchased separately) to the monitor's rear panel using the provided screws.



Figure 3.1: Front view of the assembled monitor.





Figure 3.2: Rear view of the monitor with stand, highlighting the VESA mount area.

3.2. Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables:

- **Power:** Connect the power cord to the monitor's DC power input and then to a power outlet.
- **DisplayPort:** Use the included DisplayPort 1.4 cable to connect your computer's DisplayPort output to the monitor's DisplayPort input.

- **HDMI:** Use one of the included HDMI 2.1 cables to connect your device's HDMI output to one of the monitor's HDMI inputs.
- **Audio Out:** Connect external speakers or headphones to the 3.5mm audio output jack if desired.





Figure 3.3: Monitor connectivity ports.

4. OPERATING THE MONITOR

4.1. Power On/Off

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

4.2. On-Screen Display (OSD) Menu Navigation

The OSD menu allows you to adjust various monitor settings. Access and navigate the OSD menu using the joystick control, usually located on the bottom-right or rear of the monitor.

- **Press the joystick:** To open the OSD menu.
- **Move the joystick Up/Down:** To navigate through menu options.
- **Move the joystick Left/Right:** To adjust selected settings or enter sub-menus.
- **Press the joystick again:** To confirm a selection.

4.3. Display Settings

Key settings you can adjust in the OSD menu include:

- **Picture:** Brightness, Contrast, HDR mode, Super Sharpness, Low Blue Light.
- **Color:** Color Temperature (Warm, Normal, Cool, User), Color Space, Gamma, 6-axis Hue, 6-axis Saturate.
- **Audio:** Volume, Mute.
- **Gaming:** Overdrive, FreeSync Premium Pro settings.
- **OSD:** Language, OSD Timeout, Transparency, OSD Position.

5. KEY FEATURES

5.1. OLED Display Technology

The 31.5-inch UHD (3840 x 2160) OLED display offers exceptional contrast, true 10-bit color depth, and deep blacks. OLED technology provides individual pixel illumination, resulting in vibrant colors and superior image quality.

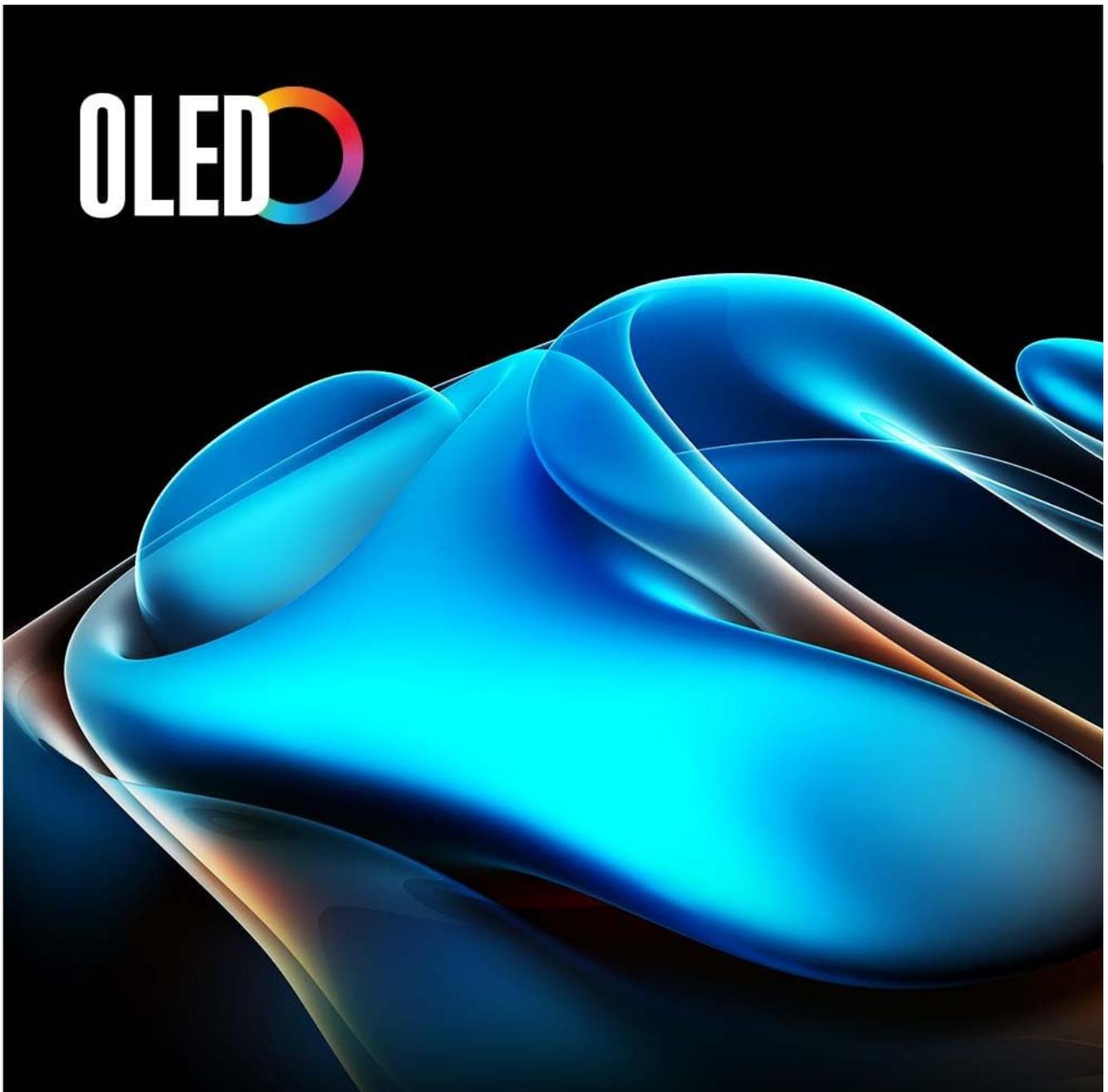


Figure 5.1: OLED display characteristics.

5.2. High Resolution and Refresh Rate

Experience crisp visuals with 4K UHD (3840 x 2160) resolution and ultra-smooth motion thanks to a 240Hz refresh rate and a rapid 0.03ms (Gray-to-Gray) response time. This combination minimizes motion blur and ghosting for a fluid viewing experience.

4K UHD (3840x2160) Resolution

Perfect details

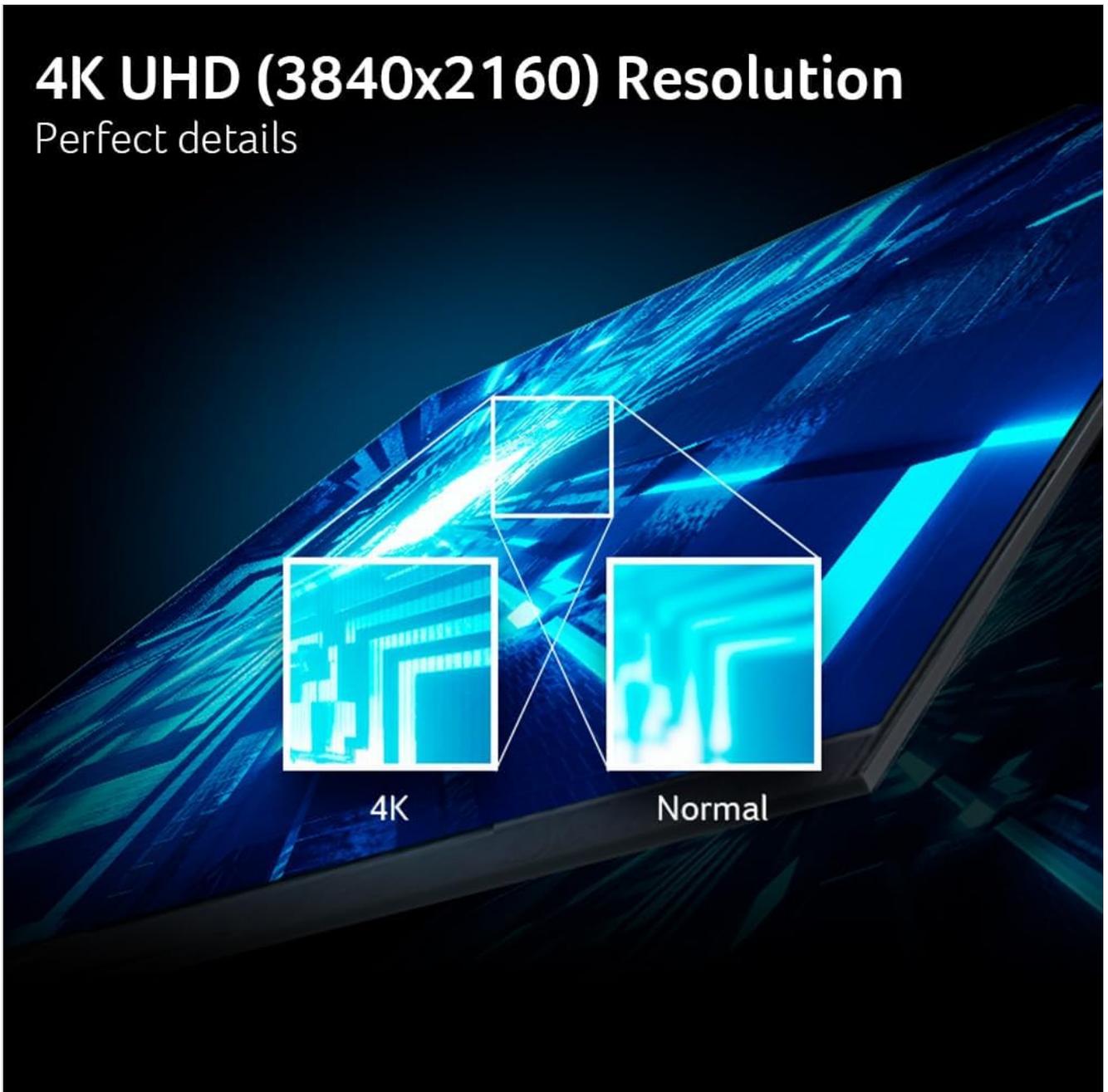


Figure 5.2: 4K UHD resolution detail.

240Hz Refresh Rate, 0.03ms (GTG)

Lightning fast



Figure 5.3: 240Hz refresh rate in action.

5.3. AMD FreeSync Premium Pro

The monitor supports AMD FreeSync Premium Pro technology, which synchronizes the display's refresh rate with your GPU's frame rate. This eliminates screen tearing and stuttering, providing a seamless and responsive gaming experience, especially with HDR content.

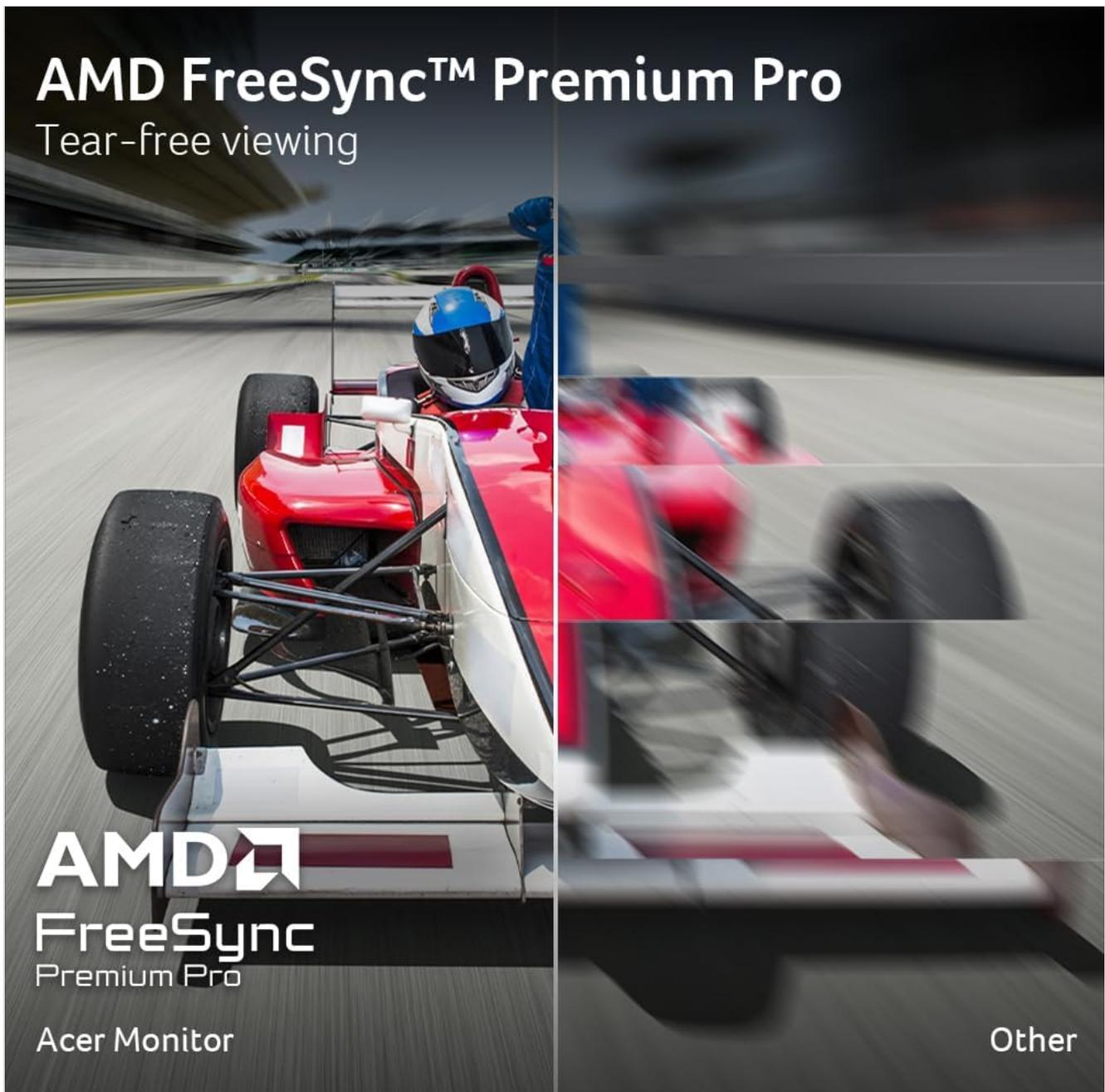


Figure 5.4: AMD FreeSync Premium Pro for tear-free viewing.

5.4. VESA DisplayHDR True Black 400 & DCI-P3 99%

With VESA DisplayHDR True Black 400 certification, the monitor delivers high brightness and contrast, achieving a minimum of 0.0005 nits for true black levels. The DCI-P3 99% wide color gamut ensures accurate and vibrant color reproduction, enhancing the visual fidelity of your content.

VESA DisplayHDR™ True Black 400

Spectacular contrasts



Figure 5.5: VESA DisplayHDR True Black 400 for spectacular contrasts.

5.5. Ergonomic Design

The monitor features an Ergostand that allows for tilt, swivel, and height adjustments, enabling you to find the most comfortable viewing angle for any environment or task. This flexibility helps reduce eye and neck strain during extended use.



Figure 5.6: Ergonomic stand adjustments.

6. MAINTENANCE

To ensure the longevity and optimal performance of your monitor, follow these maintenance guidelines:

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, lightly dampen the cloth with water or a non-abrasive screen cleaner. Avoid using alcohol-based cleaners or harsh chemicals.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing.
- **Ventilation:** Ensure the ventilation openings on the monitor are not blocked to prevent overheating.
- **Power Off:** Always turn off the monitor and unplug it from the power outlet before cleaning or if it will be unused for an extended period.
- **Avoid Direct Sunlight:** Do not expose the monitor to direct sunlight or excessive heat.

7. TROUBLESHOOTING

If you encounter issues with your monitor, refer to the following common troubleshooting steps:

7.1. No Power

- Check if the power cord is securely connected to both the monitor and the power outlet.
- Ensure the power outlet is functioning correctly by testing it with another device.
- Verify the monitor's power button is pressed.

7.2. No Signal

- Confirm that the video cable (DisplayPort or HDMI) is securely connected to both the monitor and your computer/device.
- Ensure the correct input source is selected on the monitor via the OSD menu.
- Check if your computer/device is powered on and outputting a video signal.
- Try using a different video cable or port to rule out cable/port issues.

7.3. Image Quality Issues

- **Blurry or Distorted Image:** Adjust the resolution and refresh rate settings on your computer to match the monitor's native resolution (3840 x 2160) and desired refresh rate (up to 240Hz).
- **Incorrect Colors:** Adjust color settings (Color Temp, Color Space) in the OSD menu. Ensure HDR is enabled on both the monitor and your device if you intend to use it.
- **Screen Tearing/Stuttering:** Verify that AMD FreeSync Premium Pro is enabled in both the monitor's OSD menu and your graphics card settings.

7.4. Audio Issues

- Check the volume level in the monitor's OSD menu and on your computer/device.
- Ensure external speakers or headphones are properly connected to the audio out port.
- Verify that the audio output device is correctly selected in your computer's sound settings.

8. SPECIFICATIONS

Feature	Specification
Brand	Acer
Model Number	X32 X2bmiiiphx
Screen Size	31.5 Inches
Panel Type	QD-OLED
Resolution	UHD (3840 x 2160)
Refresh Rate	240Hz
Response Time	0.03ms (GTG)
Adaptive Sync Technology	AMD FreeSync Premium Pro

Feature	Specification
HDR Certification	VESA DisplayHDR True Black 400
Color Gamut	DCI-P3 99%
Brightness (Typical)	250 nits
Brightness (Peak HDR 3%)	1000 nits
Ports	1 x DisplayPort 1.4, 2 x HDMI 2.1, 1 x Audio Out
Speakers	2 x 2 Watts
Ergonomics	Tilt, Swivel, Height Adjustment
VESA Mount Compatible	75 x 75mm
Product Dimensions (LxWxH)	10.6 x 28.3 x 24.25 inches
Item Weight	14.74 pounds

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Acer support website. Keep your proof of purchase for warranty claims.