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Acer X38 Pbmiphzx

Acer Predator X38 Pbmiphzx Gaming Monitor

USER MANUAL

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1. Introduction

The Acer Predator X38 Pbmiphzx is a high-performance 37.5-inch UltraWide QHD+ (3840 x 1600) curved gaming monitor designed to deliver an immersive visual experience. Featuring NVIDIA G-SYNC technology, an Agile-Splendor IPS panel, a refresh rate of up to 175Hz, and VESA Certified DisplayHDR 400, this monitor provides smooth, tear-free gameplay with vibrant colors and enhanced contrast. Its 2300R curvature and 21:9 aspect ratio offer an expansive field of view, making it ideal for gaming and multitasking.



Figure 1: Acer Predator X38 Pbmiphzx Gaming Monitor highlighting NVIDIA G-SYNC, 175Hz refresh rate, 0.3ms response time, Agile-Splendor IPS, DisplayHDR 400, and QHD+ resolution.

2. Safety Information

Please read these safety instructions carefully before using your monitor to prevent damage and ensure safe operation. Keep this manual for future reference.

- **Power Source:** Use only the power adapter and cable provided with the monitor. Ensure the power outlet is properly grounded.
- **Ventilation:** Do not block ventilation openings. Allow adequate space around the monitor for proper airflow to prevent overheating.
- **Placement:** Place the monitor on a stable, level surface. Avoid placing it in direct sunlight, near heat sources, or in environments with excessive dust, humidity, or vibrations.
- **Cleaning:** Disconnect the power cable before cleaning. Use a soft, dry cloth to clean the screen and exterior. Do not use liquid cleaners or aerosol sprays.
- **Liquid and Moisture:** Keep the monitor away from liquids. Do not expose it to rain or moisture. If liquid enters the monitor, disconnect power immediately and contact service personnel.
- **Handling:** Handle the monitor with care. Avoid applying pressure to the screen. When moving the monitor, hold it by the base or stand.
- **Eye Comfort:** Take regular breaks to reduce eye strain. Adjust monitor brightness and contrast to a comfortable level. The monitor includes features like Blue Light Shield and Flicker-less technology to enhance viewing comfort.

3. Package Contents

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your retailer.

- Acer Predator X38 Pbmiphzx Monitor Unit
- Monitor Stand (Base and Neck)
- Power Cable
- DisplayPort 1.4 Cable
- HDMI 2.0 Cable
- USB 3.0 Cable
- Quick Start Guide
- Warranty Card

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. Ensure it clicks securely into place or is fastened with screws as indicated in the quick start guide.
3. Attach the stand base to the stand neck. Tighten the screw at the bottom of the base to secure it.

4.2 Connecting the Monitor

Connect the necessary cables to your monitor and computer/device.

- **Power Connection:** Connect the power cable to the monitor's power input and then to a grounded electrical outlet.
- **Video Connection:** Connect either the DisplayPort cable or the HDMI cable from your computer's graphics card to the corresponding port on the monitor. For optimal performance, especially for high refresh rates and G-SYNC, DisplayPort is recommended.
- **USB Hub Connection:** Connect the USB 3.0 upstream cable from your computer to the monitor's USB upstream port to enable the monitor's USB 3.0 ports.
- **Audio Output:** If desired, connect external speakers or headphones to the Audio Out port on the monitor.



Figure 2: Rear view of the monitor, illustrating the location of the DisplayPort, HDMI, USB, and Audio Out ports.





Figure 3: Side view of the monitor, highlighting the conveniently located USB 3.0 ports.

4.3 Adjusting the Monitor Position

The monitor offers ergonomic adjustments for optimal viewing comfort:

- **Height Adjustment:** Gently push or pull the monitor panel up or down to adjust its height.
- **Tilt Adjustment:** Tilt the monitor panel forward or backward to find your preferred viewing angle.
- **Swivel Adjustment:** Rotate the monitor panel left or right on its stand.

5. Operating the Monitor

5.1 Powering On/Off

Press the power button, usually located on the back or bottom bezel of the monitor, to turn it on or off. The power indicator light will illuminate when the monitor is on.

5.2 On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings such as brightness, contrast, color, input source, and gaming features. Navigate the OSD using the joystick or buttons typically found on the back or bottom of the monitor.

5.3 Key Features and Settings

- **NVIDIA G-SYNC:** This technology synchronizes the monitor's refresh rate with your GPU's frame rate, eliminating screen tearing and minimizing display stutter and input lag. Ensure G-SYNC is enabled in your graphics card control panel.



Figure 4: Visual comparison of screen tearing (right) versus smooth, tear-free visuals with NVIDIA G-SYNC enabled (left).

- **High Refresh Rate (Up to 175Hz):** The monitor supports a refresh rate of up to 175Hz, providing incredibly smooth motion and reduced blur in fast-paced games. This setting can be configured in your operating system's display settings or your graphics card control panel.

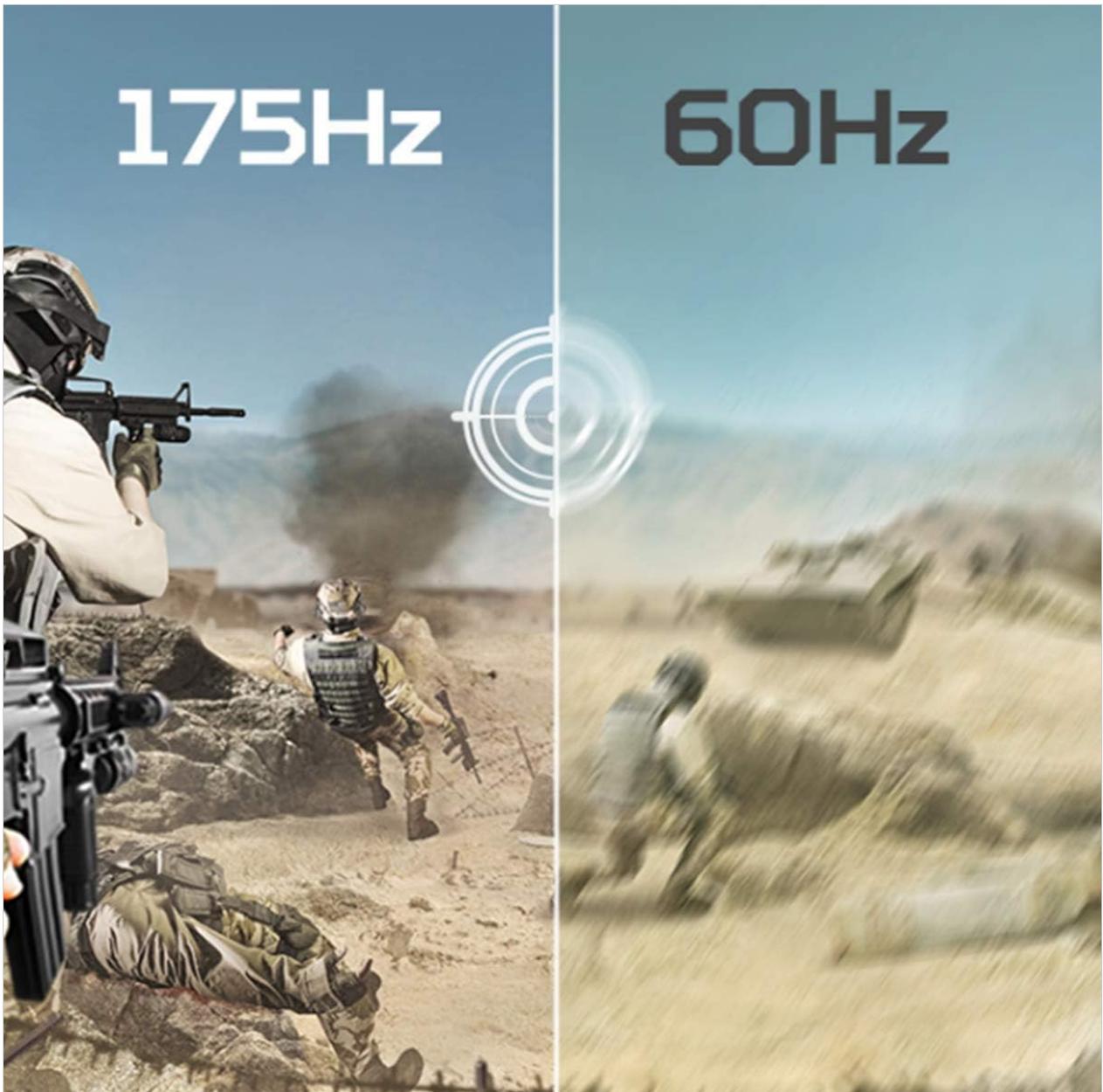


Figure 5: Illustrates the difference in motion clarity between a 60Hz refresh rate (right) and a 175Hz refresh rate (left).

- **Agile-Splendor IPS Panel:** Enjoy wide viewing angles and consistent, accurate color reproduction across the screen.
- **VESA Certified DisplayHDR 400:** This certification ensures enhanced contrast, brighter whites, and deeper blacks, providing a more dynamic and lifelike image. Enable HDR in your operating system's display settings for compatible content.

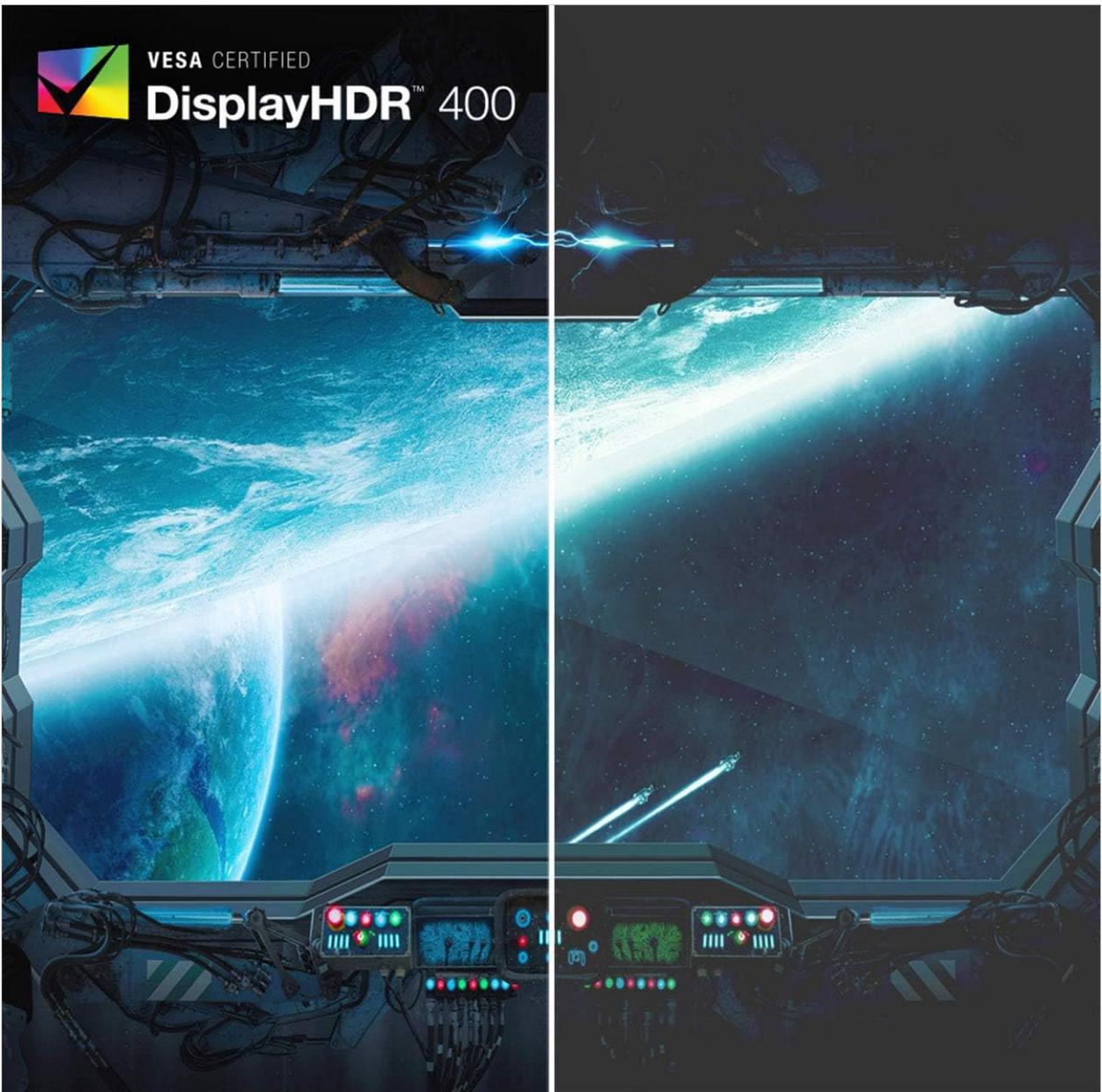


Figure 6: Demonstrates the expanded dynamic range and improved visual detail with DisplayHDR 400 (left) compared to standard display (right).

- **DCI-P3 98% Wide Color Gamut:** Experience a broader spectrum of colors, resulting in richer and more accurate visuals, especially for content designed with this color space.



Figure 7: Shows the difference between a standard color display (left) and the richer, more vibrant colors achieved with DCI-P3 (right).

- **Response Time (0.3ms - 1ms GtG):** The extremely fast response time minimizes ghosting and motion blur, crucial for competitive gaming.
- **Predator GameView:** Access various game-specific display modes and settings through the OSD to optimize visuals for different game genres.

6. 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 smudges, lightly dampen the cloth with water or a specialized screen cleaner (ensure it's alcohol-free and ammonia-free) and wipe carefully. Never spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor's casing. Avoid abrasive cleaners or solvents that could damage the finish.
- **Ventilation:** Regularly check that the ventilation openings on the monitor are clear of dust and debris. Use compressed air to gently clear any blockages.
- **Storage:** If storing the monitor for an extended period, power it off, disconnect all cables, and store it in a cool,

dry place, preferably in its original packaging.

7. Troubleshooting

If you encounter issues with your monitor, refer to the following common problems and solutions:

Problem	Possible Solution
No power indicator / Monitor does not turn on.	Ensure the power cable is securely connected to both the monitor and a working electrical outlet. Check if the power button is pressed.
No image on screen / "No Signal" message.	Verify that the video cable (DisplayPort or HDMI) is securely connected to both the monitor and your computer's graphics card. Ensure the correct input source is selected in the monitor's OSD menu. Check if the computer is powered on and not in sleep mode.
Image is flickering or unstable.	Check the video cable connections. Ensure the refresh rate is set correctly in your computer's display settings. If G-SYNC is enabled, ensure your graphics drivers are up to date.
Colors appear incorrect or distorted.	Reset the monitor's color settings to factory defaults via the OSD menu. Adjust color temperature or gamma settings. Ensure your graphics drivers are updated.
No sound from monitor speakers or audio output.	Check the volume settings on both the monitor and your computer. Ensure the correct audio output device is selected in your computer's sound settings. If using external speakers, verify their connection and power.
Stuck or dead pixels.	While rare, a small number of stuck or dead pixels may be present on LCD panels and are generally not considered a defect unless they exceed manufacturer specifications. Refer to Acer's pixel policy for details.

8. Specifications

Below are the technical specifications for the Acer Predator X38 Pbmiphzx Gaming Monitor:

Feature	Detail
Model Number	X38 Pbmiphzx
Screen Size	37.5 Inches
Panel Type	Agile-Splendor IPS
Curvature	2300R
Resolution	UltraWide QHD+ (3840 x 1600)
Aspect Ratio	21:9

Feature	Detail
Refresh Rate	Up to 175Hz
Response Time	1ms (G to G) - Up to 0.3ms (G to G)
HDR Support	VESA Certified DisplayHDR 400
Color Gamut	DCI-P3 98%
G-SYNC Technology	NVIDIA G-SYNC
Ports	1 x DisplayPort 1.4, 1 x HDMI v2.0, Audio Out, 4 x USB 3.0 Ports
Speakers	2 Speakers, 7 Watts Per Speaker
Dimensions (LxWxH)	35.3 x 11.4 x 20 inches
Item Weight	20.9 pounds



Figure 8: Physical dimensions of the Acer Predator X38 monitor.

9. Warranty and Support

For detailed warranty information, please refer to the warranty card included in your product package or visit the official Acer support website. The warranty covers manufacturing defects under normal use conditions.

If you require technical assistance, have questions about your product, or need to initiate a warranty claim, please contact Acer Customer Support through their official website or the contact information provided in your documentation. Ensure you have your monitor's model number (X38 Pbmiphzx) and serial number ready when contacting support.