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Acer XB271HU bmiprz

Acer Predator XB271HU Monitor User Manual

Model: XB271HU bmiprz

INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Acer Predator XB271HU bmiprz 27" WQHD (2560x1440) NVIDIA G-SYNC IPS Monitor. Please read this manual thoroughly before using your monitor to ensure proper functionality and to prevent damage.

SAFETY INFORMATION

Observe the following safety precautions to ensure safe operation and to prolong the life of your monitor:

- Do not expose the monitor to rain or moisture.
- Do not block ventilation openings.
- Use only the power cord and adapter provided by Acer.
- Place the monitor on a stable, flat surface.
- Disconnect the power cord from the outlet before cleaning.
- Avoid placing heavy objects on the power cord.

PACKAGE CONTENTS

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

- Acer Predator XB271HU Monitor Display
- Monitor Stand (Base and Neck)
- Power Cord
- DisplayPort Cable (may vary by region)
- HDMI Cable (may vary by region)
- USB 3.0 Upstream Cable (may vary by region)



Image: Front view of the Acer Predator XB271HU monitor, showcasing its 27-inch WQHD display and distinctive Predator stand design.

SETUP

1. Assembling the Monitor Stand

1. Carefully remove the monitor and its components from the packaging.
2. Attach the stand neck to the monitor panel by aligning the tabs and pushing until it clicks into place.
3. Attach the stand base to the stand neck. Secure it with the captive screw located on the underside of the base.



Image: A detailed view of the monitor's sturdy stand base, featuring red accents and a stable design.

2. Connecting Cables

Connect the necessary cables to the corresponding ports on the back of the monitor and your computer.

- **Power:** Connect the power cord to the monitor's power input and then to a power outlet.
- **Video Input:**
 - For WQHD resolution and 144Hz/165Hz refresh rate with NVIDIA G-SYNC, use the **DisplayPort** cable.
 - For standard connectivity, use the **HDMI** cable.
- **USB (Optional):** If your monitor has USB ports, connect the USB 3.0 upstream cable from your computer to the monitor to enable the monitor's USB hub.

3. Initial Power On

Press the power button located on the monitor to turn it on. The monitor will automatically detect the active input source. If no signal is detected, ensure your computer is powered on and the video cable is securely connected.

OPERATING THE MONITOR

On-Screen Display (OSD) Menu

The OSD menu allows you to adjust various monitor settings. The control buttons are typically located on the bottom right or back of the monitor.

- Press any OSD button to activate the OSD menu.
- Use the navigation buttons (usually directional arrows) to move through menu options.
- Press the select button (often the middle button) to enter a sub-menu or confirm a selection.

- Press the exit button (often marked with 'X' or 'Back') to return to the previous menu or exit the OSD.

Key Settings and Adjustments

- **Brightness/Contrast:** Adjust the overall luminance and difference between light and dark areas.
- **Color Settings:** Fine-tune color temperature, gamma, and individual RGB levels.
- **Refresh Rate:** Set the display refresh rate. For optimal gaming performance, ensure your system is configured to use 144Hz or 165Hz (overclocked via DisplayPort).
- **NVIDIA G-SYNC:** This technology is automatically enabled when connected via DisplayPort to a compatible NVIDIA graphics card. It synchronizes the monitor's refresh rate with the GPU's frame rate to eliminate screen tearing and minimize stuttering.
- **Input Selection:** Manually switch between DisplayPort and HDMI inputs.
- **Audio:** Adjust volume for the built-in 2W speakers or connected headphones.
- **Flicker-less Technology:** This feature reduces screen flickering to minimize eye strain during prolonged use.

MAINTENANCE

Cleaning the Monitor

- Always unplug the monitor from the power outlet before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a non-abrasive screen cleaner.
- Do not spray cleaner directly onto the screen.
- Avoid using benzene, thinner, ammonia, or abrasive cleaners, as these can damage the monitor's surface.

General Care

- Do not place objects on the monitor or its cables.
- Avoid exposing the monitor to direct sunlight or extreme temperatures.
- If the monitor will not be used for an extended period, unplug it from the power outlet.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input selected.	Ensure power and video cables are securely connected. Check the power indicator light. Use the OSD to select the correct input source.
Image is blurry or distorted	Incorrect resolution; Video cable issue.	Set the display resolution to 2560x1440 (WQHD). Ensure the video cable is not damaged and is properly connected.
No sound from speakers	Volume too low; Audio cable not connected (if using separate audio); Incorrect audio output selected on computer.	Adjust monitor volume via OSD. Ensure audio is routed correctly from your computer to the monitor (via HDMI/DisplayPort or separate audio cable).
Screen flickering	Refresh rate mismatch; Cable issue; Graphics driver issue.	Ensure refresh rate is set correctly (144Hz/165Hz via DisplayPort). Update graphics drivers. Try a different DisplayPort cable.
G-SYNC not working	Not using DisplayPort; G-SYNC not enabled in NVIDIA Control Panel; Incompatible GPU.	Connect via DisplayPort. Ensure G-SYNC is enabled in your NVIDIA Control Panel. Verify your graphics card supports G-SYNC.

SPECIFICATIONS

Feature	Detail
Model Number	XB271HU bmiprz
Screen Size	27 Inches
Panel Type	IPS (In-Plane Switching) Technology
Resolution	WQHD (2560 x 1440)
Aspect Ratio	16:9
Refresh Rate	144Hz (overclockable to 165Hz via DisplayPort)
Response Time	4ms
Brightness	350 nit
Viewing Angle	178° (H) / 178° (V)
Pixel Pitch	0.233 mm
Connectivity	1 x DisplayPort, 1 x HDMI (V1.4)
Special Features	NVIDIA G-SYNC, Built-In 2 x 2W Speakers, Flicker-less Technology
Adjustability	Tilt: 5° to 35°, Swivel: 60°, Height Adjustment: 5.91 inches
VESA Mount Compatible	100 x 100 mm
Dimensions (W x H x D)	24.09 x 14.45 x 2.4 inches (Display only)
Weight	17.63 pounds (Display only)



Image: A diagram illustrating the approximate dimensions of the monitor, indicating a height of 22 inches (55 cm) with the stand.

WARRANTY AND SUPPORT

For warranty information, technical support, or to download the latest drivers and user manuals, please visit the official Acer support website or refer to the documentation included with your product.

- Official Acer Support Website: www.acer.com/support
- Additional User Manuals (PDF):
 - [User Guide \(PDF\)](#)
 - [Installation Manual \(PDF\)](#)
 - [User Manual \(PDF\)](#)