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> Acer Predator X27 4K UHD IPS Monitor User Manual

Acer X27 bmiiphzx

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Model: X27 bmiiphzx

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the setup, operation, maintenance, and troubleshooting of your Acer Predator X27 4K UHD IPS Monitor. The Predator X27 is a 27-inch (3840 x 2160) monitor featuring an IPS panel, 144Hz refresh rate, and 4ms response time, enhanced with NVIDIA G-SYNC Ultimate technology and Quantum Dot for rich color reproduction.

2. PACKAGE CONTENTS

The following items are included in the product package:

- Display
- Stand
- Predator Shield
- Power Cord
- Display Port Cable
- USB Cable

3. SETUP

3.1 Unpacking

Carefully remove all components from the packaging.

3.2 Stand Assembly

Attach the monitor stand to the display panel. Ensure it is securely fastened.



Image: Front view of the Acer Predator X27 monitor with its stand attached, ready for use.

3.3 Connecting Cables

- **Power Connection:** Connect the power cord to the monitor's power input and then to an electrical outlet.
- **Video Connection:** For optimal performance, connect the DisplayPort cable from your computer's graphics card to the DisplayPort input on the monitor. An HDMI connection is also available.
- **USB Connection:** Connect the USB cable from your computer to the monitor's upstream USB port to enable the monitor's USB hub.



Image: Rear view of the Acer Predator X27 monitor, highlighting the DisplayPort, HDMI, USB, and power input ports.

3.4 Power On

Press the power button on the monitor to turn it on.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

Press the power button located on the monitor to turn it on or off.

4.2 On-Screen Display (OSD) Navigation

Use the control buttons, typically located on the rear or bottom right of the monitor, to access and navigate the OSD menu.

- **Menu Button:** Opens the OSD menu.
- **Navigation Buttons:** Used to move through menu options.
- **Select Button:** Confirms a selection.

4.3 Adjusting Settings

- **Brightness/Contrast:** Adjust these settings for optimal visual comfort.

- **Refresh Rate:** Ensure your computer's display settings are configured to utilize the monitor's maximum refresh rate (up to 144Hz via DisplayPort).
- **G-SYNC Ultimate:** This feature is automatically enabled when connected to a compatible NVIDIA graphics card via DisplayPort.
- **Color Settings:** Adjust color temperature, gamma, and other color-related settings as needed. The monitor supports 99% Adobe RGB color gamut and Quantum Dot technology for enhanced color accuracy.

5. MAINTENANCE

5.1 Cleaning the Screen

Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, use a monitor-specific cleaning solution applied to the cloth, not directly to the screen.

5.2 Cleaning the Casing

Use a soft, dry cloth to clean the monitor's casing. Avoid abrasive cleaners.

5.3 Ventilation

Ensure the monitor's ventilation openings are not blocked to prevent overheating.

6. TROUBLESHOOTING

- **No Display:**
 - Check if the monitor is powered on.
 - Verify all video cables are securely connected to both the monitor and the computer.
 - Ensure the correct input source is selected in the OSD menu.
- **Flickering or Distorted Image:**
 - Check cable connections.
 - Ensure your graphics card drivers are up to date.
 - Adjust the refresh rate in your computer's display settings.
- **Color Inaccuracies:**
 - Reset color settings in the OSD to factory defaults.
 - Calibrate the monitor using a color calibration tool if professional color accuracy is required.
- **G-SYNC Not Working:**
 - Confirm your graphics card is NVIDIA G-SYNC compatible.
 - Ensure G-SYNC is enabled in the NVIDIA Control Panel.
 - Verify the monitor is connected via DisplayPort.

7. SPECIFICATIONS

Feature	Specification
Brand	Acer
Screen Size	27 Inches

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Resolution	4K UHD (3840 x 2160)
Aspect Ratio	16:9
Panel Type	IPS
Refresh Rate	144 Hz (OverClocking, via DisplayPort)
Response Time	4 Milliseconds (GTG)
Display Type	LED
Brightness	600 nit
Contrast Ratio	1000:1 MAX (Native)
Color Gamut	99% Adobe RGB
Picture Quality Enhancement	Quantum Dot
Adaptive Sync Technology	NVIDIA G-SYNC Ultimate
Connectivity	1x DisplayPort, 1x HDMI
USB Ports	4x USB 3.0 (downstream), 1x USB (upstream)
Mounting Type	VESA Compatible (100 x 100mm)
Tilt Angle	-5 to 25 degrees
Item Weight	27.06 Pounds
Model Number	X27 bmiiphzx

8. WARRANTY AND SUPPORT

This Acer Predator X27 monitor comes with a **3-Year Limited Warranty**. For warranty claims or technical support, please refer to the contact information provided in your product documentation or visit the official Acer support website.