

ASUS XG27AQDMG

ASUS ROG Strix XG27AQDMG OLED Gaming Monitor

User Instruction Manual

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ASUS ROG Strix XG27AQDMG 27-inch 1440P OLED Gaming Monitor. This monitor features a glossy WOLED panel, 240 Hz refresh rate, 0.03 ms gray-to-gray (GTG) response time, and advanced cooling solutions to enhance your gaming and viewing experience.



The ASUS ROG Strix XG27AQDMG 27-inch OLED Gaming Monitor, showcasing its sleek design and vibrant display.

SETUP

1. Unboxing and Package Contents

Carefully remove all components from the packaging. Verify that all items listed below are present:

- XG27AQDMG Monitor
- ROG DisplayPort Cable
- ROG HDMI Cable
- ROG USB 3.2 Cable
- Microfiber Cloth
- VESA Mount Kit
- ROG Pouch
- Calibration Report
- Quick Start Guide
- Warranty Card
- Power Cord and Adapter
- ROG Stickers

Uniform Brightness helps to keep brightness levels consistent for better viewing

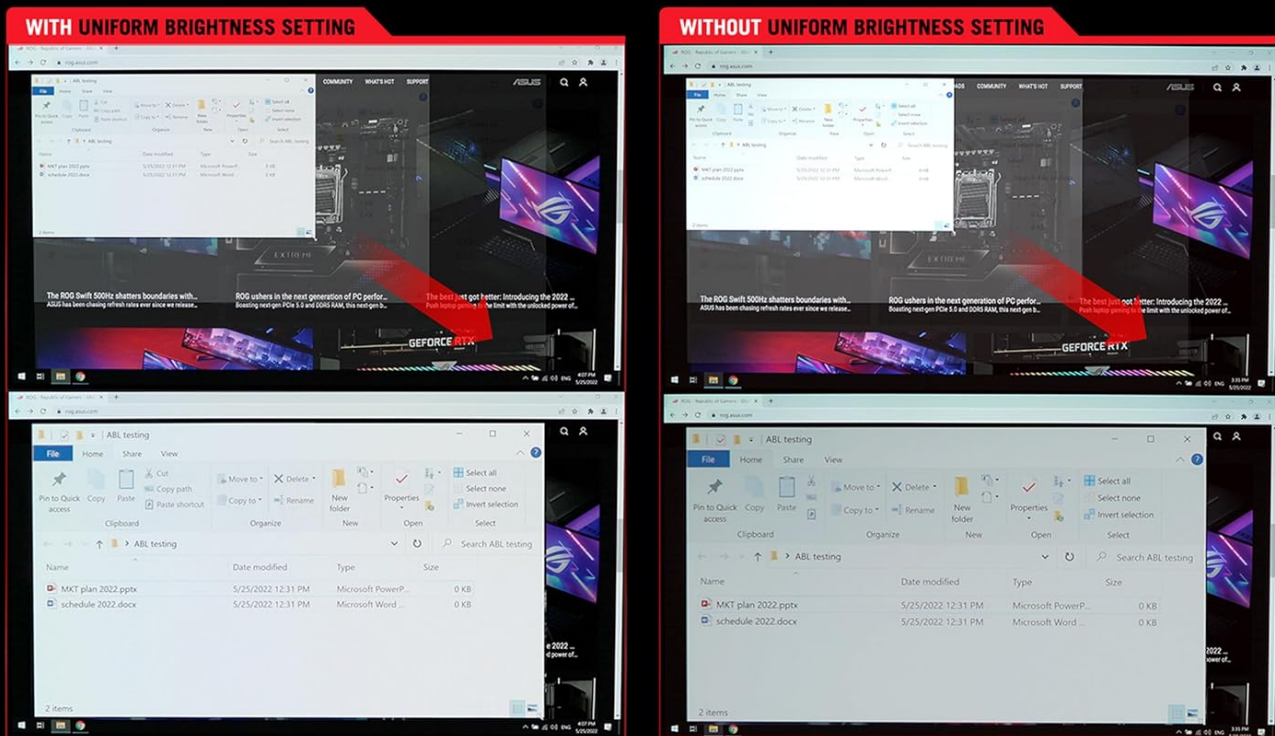


Illustration of the items included in the ASUS ROG Strix XG27AQDMG monitor package.

2. Physical Assembly

1. Attach the stand base to the stand neck, securing it with the provided screw.
2. Carefully attach the assembled stand to the back of the monitor until it clicks into place.
3. Alternatively, use the VESA Mount Kit to attach the monitor to a compatible wall mount or monitor arm.

3. Connecting the Monitor

Connect the monitor to your computer or other devices using the appropriate cables. The monitor supports DisplayPort 1.4 and HDMI 2.0 inputs, along with USB 3.0 ports for peripherals.

- **DisplayPort Connection:** For optimal performance, including 240Hz refresh rate and G-SYNC compatibility, connect the DisplayPort cable from your graphics card to the monitor's DisplayPort input.
- **HDMI Connection:** Use an HDMI cable to connect to devices supporting HDMI 2.0.
- **USB Hub:** Connect the USB 3.2 upstream cable from your computer to the monitor's USB upstream port to enable the monitor's integrated USB 3.0 hub.
- **Power Connection:** Connect the power adapter to the monitor's power input, then plug the power cord into an electrical outlet.



The rear panel of the monitor, highlighting the DisplayPort, HDMI, and USB connectivity options.

4. 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 all cables are securely connected and your computer is powered on.

OPERATING THE MONITOR

1. Key Features and Technologies

- **Glossy WOLED Panel:** The exclusive glossy WOLED panel enhances visual clarity and color vibrancy, especially in bright environments, compared to anti-glare or semi-glossy alternatives.

Exclusive Glossy WOLED Panel



Visual comparison demonstrating the superior clarity of the new Glossy WOLED panel in various lighting conditions.

- **3rd-Gen ROG OLED Technology:** Provides 20% brighter imagery at 100% APL (Average Picture Level) in SDR, optimized text clarity with Clear Pixel Edge, and improved motion clarity with Extreme Low Motion Blur (ELMB).

3rd-gen ROG OLED technology

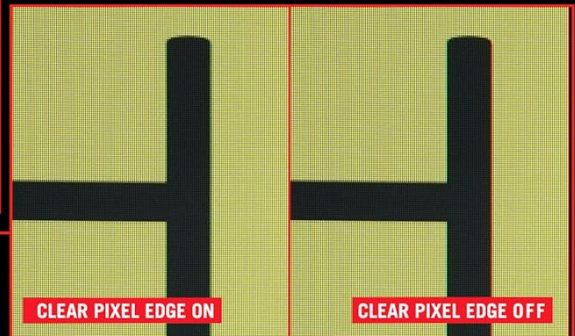
20% brighter* imagery
@100% APL in SDR



Clear Pixel Edge
Optimized text clarity



Extreme Low Motion Blur
Improved motion clarity



*Compared to previous generation ROG OLED panels

Explanation of 3rd-gen ROG OLED technology, including ELMB for motion clarity and Clear Pixel Edge for text optimization.

- **ROG OLED Anti-flicker Technology:** Reduces screen flicker during refresh rate fluctuations, providing a smoother visual experience.

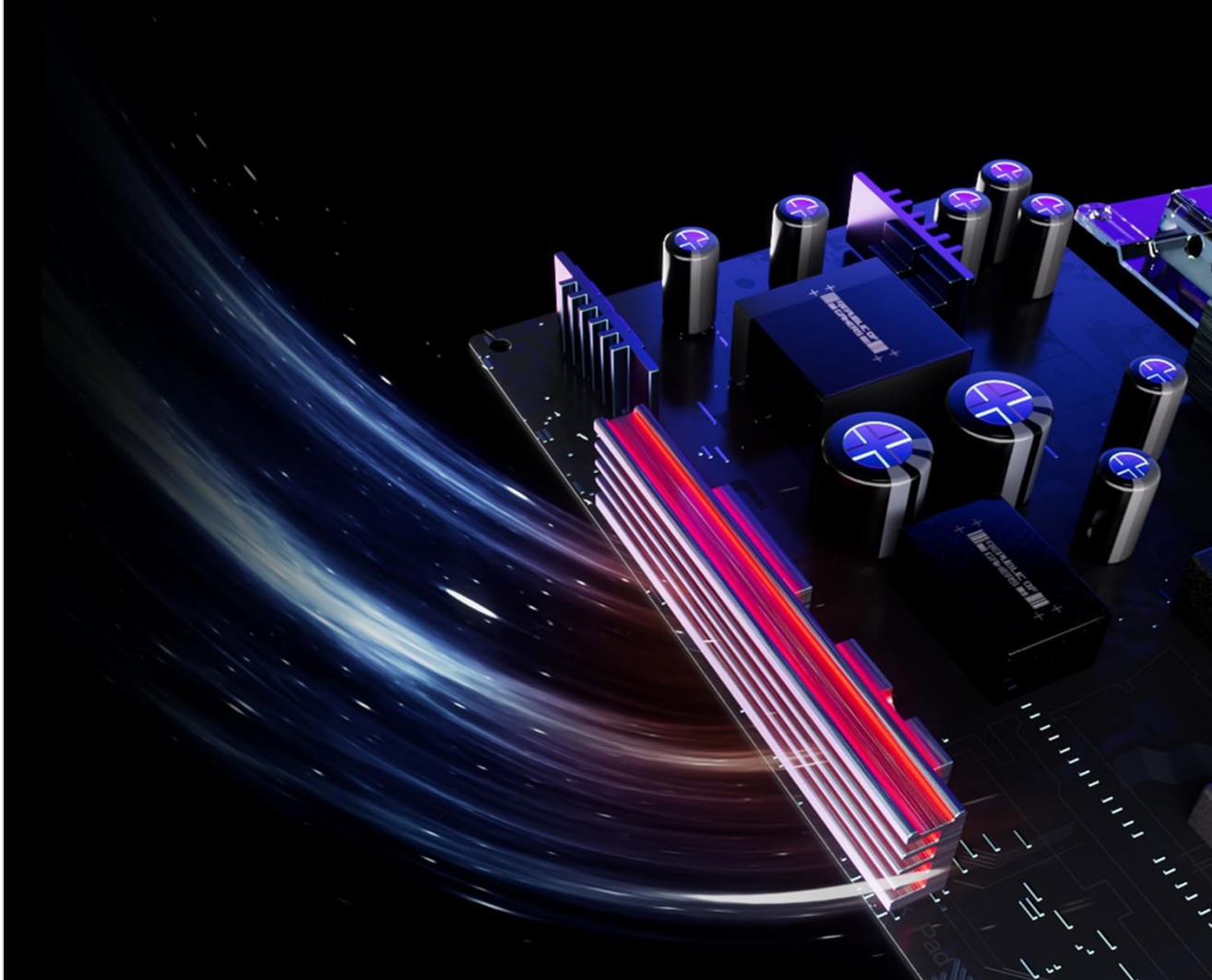
ROG OLED Anti-flicker technology helps reduce flicker during refresh rate fluctuations



Visual representation of how OLED Anti-flicker technology stabilizes the display during refresh rate changes.

- **Custom Heatsink and ASUS OLED Care:** An efficient custom heatsink and advanced airflow design work in conjunction with ASUS OLED Care functions to minimize the risk of OLED burn-in and ensure panel longevity.

Custom heatsink and ASUS OLED Care to reduce the risk of burn-in



An illustration of the custom heatsink designed to provide exceptional cooling performance for the OLED panel.

- **Uniform Brightness Setting:** This optional setting ensures consistent luminance levels across the entire screen, preventing brightness fluctuations that can occur with varying content.

What's in the Box



XG27AQDMG MONITOR



ROG
DISPLAYPORT
CABLE



ROG HDMI
CABLE



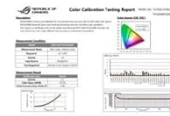
MICROFIBER CLOTH



VESA MOUNT KIT



ROG POUCH



CALIBRATION
REPORT



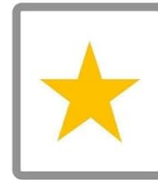
ROG USB 3.2
CABLE



ROG STICKERS



QUICK START
GUIDE



WARRANTY CARD



POWER CORD
AND ADAPTER

Demonstration of the Uniform Brightness setting, showing how it maintains consistent luminance levels for better viewing.

- **G-SYNC Compatible:** The monitor is G-SYNC Compatible, providing a tear-free and stutter-free gaming experience with compatible NVIDIA graphics cards.

2. On-Screen Display (OSD) Navigation

The monitor's settings can be accessed and adjusted via the OSD menu. Use the joystick and buttons located on the back or bottom of the monitor to navigate the menu.

- **Joystick:** Push the joystick in to open the OSD menu. Move the joystick up/down/left/right to navigate through options and adjust values.
- **Buttons:** Specific buttons may be assigned for quick access to certain functions (e.g., input selection, GameVisual modes).

3. Adjusting Display Settings

Within the OSD, you can customize various display settings:

- **GameVisual:** Select from various preset display modes optimized for different content types (e.g., Scenery, Racing, Cinema, RTS/RPG, FPS, sRGB, MOBA, User Mode).
- **Color:** Adjust brightness, contrast, saturation, color temperature, and gamma.
- **Image:** Configure settings such as Sharpness, Aspect Ratio Control, and Dynamic Dimming.
- **Input Select:** Manually switch between DisplayPort and HDMI inputs.

- **System Setup:** Access general monitor settings like OSD language, OSD timeout, and power indicator.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your ASUS ROG Strix XG27AQDMG monitor.

1. ASUS OLED Care Functions

The monitor includes several ASUS OLED Care features designed to prevent burn-in and maintain image quality. These functions can be managed through the OSD menu or the ASUS DisplayWidget Center software.



The ASUS DisplayWidget Center interface, showing the OLED Setup options for burn-in prevention and image quality maintenance.

- **Screen Saver:** Automatically dims the screen when no movement is detected for a period of time.
- **Adjust Logo Brightness:** Automatically adjusts the brightness of static logos to avoid potential image quality issues.
- **Uniform Brightness:** Maintains a consistent brightness level for comfortable viewing, as described in the Operating section.
- **Pixel Cleaning:** Detects and corrects pixel degradation. This process takes approximately 6 minutes and should be run periodically as prompted by the monitor.

- **Pixel Cleaning Cycle Reminder:** Set a reminder for pixel cleaning at desired intervals (e.g., 4 hours, 8 hours).
- **Screen Move:** Shifts the screen content slightly to prevent image sticking from static elements.

2. Cleaning the Monitor

To clean the monitor, follow these guidelines:

- Always power off the monitor and unplug the power cord before cleaning.
- Use a soft, lint-free cloth (such as the provided microfiber cloth) to gently wipe the screen and exterior surfaces.
- For stubborn marks, lightly dampen the cloth with water or a mild, non-abrasive screen cleaner. Do not spray liquid directly onto the screen.
- Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the display surface.

TROUBLESHOOTING

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

| Problem | Possible Solution |
|-----------------------------------|---|
| No image on screen | Ensure the power cord is securely connected and the monitor is powered on. Verify the video cable (DisplayPort/HDMI) is properly connected to both the monitor and the computer. Check if the correct input source is selected in the OSD menu. Ensure the computer is powered on and not in sleep mode. |
| Image is blurry or distorted | Adjust the resolution and refresh rate settings on your computer to match the monitor's native resolution (2560x1440) and desired refresh rate (up to 240Hz). Check the video cable for damage or loose connections. Perform a pixel cleaning cycle if image retention is observed. |
| Screen flickering | Enable ROG OLED Anti-flicker technology in the OSD menu. Ensure your graphics card drivers are up to date. If using G-SYNC, ensure it is properly configured in your NVIDIA control panel. |
| Potential burn-in/image retention | Utilize ASUS OLED Care functions (Screen Saver, Pixel Cleaning, Screen Move, Adjust Logo Brightness). Avoid displaying static images for extended periods. Use a dark desktop background and auto-hide the taskbar in your operating system. |
| DisplayPort not functioning | Ensure your graphics card drivers are updated to the latest version. Try a different DisplayPort cable. Reset monitor settings to factory defaults via the OSD. |

SPECIFICATIONS

| Feature | Specification |
|---------------|---------------------|
| Screen Size | 26.5 Inches |
| Panel Type | OLED (Glossy WOLED) |
| Resolution | 2560 x 1440 (QHD) |
| Refresh Rate | 240 Hz |
| Response Time | 0.03 ms (GTG) |

| Feature | Specification |
|----------------------------|---|
| Aspect Ratio | 16:9 |
| Connectivity | 2x HDMI 2.0, 1x DisplayPort 1.4, 2x USB 3.0 (downstream), 1x USB 3.0 (upstream) |
| G-SYNC Compatibility | Yes |
| Item Weight | 14.8 pounds |
| Product Dimensions (LxWxH) | 8.62 x 23.82 x 20 inches |
| Color | BLACK |

WARRANTY AND SUPPORT

1. Warranty Information

The ASUS ROG Strix XG27AQDMG monitor comes with a **3-year warranty**. This warranty covers manufacturing defects and ensures product reliability. Please refer to the included Warranty Card for detailed terms and conditions.









Visual representation of the 3-year warranty and various certifications for ASUS displays.

2. Technical Support

For technical assistance, product inquiries, or warranty claims, please contact ASUS customer support through their official website or designated support channels. Ensure you have your monitor's model number (XG27AQDMG) and serial number ready when contacting support.

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Related Documents - XG27AQDMG

| | |
|---|---|
|  | <p>ASUS ROG Strix OLED XG32UCWMG User Guide</p> <p>User guide for the ASUS ROG Strix OLED XG32UCWMG monitor, covering setup, features like GamePlus and Aura Sync, and safety information.</p> |
| <p>Preview</p> | <p>ASUS ROG Strix OLED XG27AQWMG User Guide</p> <p>User guide for the ASUS ROG Strix OLED XG27AQWMG monitor, detailing setup, features, OSD functions, specifications, and troubleshooting. This document provides comprehensive instructions for optimal use of the gaming monitor.</p> |
|  | <p>ASUS ROG STRIX Power Supply Unit Quick Start Guide</p> <p>This document provides a quick start guide for the ASUS ROG STRIX Power Supply Unit, covering installation, safety precautions, and product features. It includes multilingual quick start information and compliance details.</p> |
|  | <p>ASUS ROG Swift PG329Q User Manual</p> <p>Comprehensive user manual for the ASUS ROG Swift PG329Q gaming monitor, covering setup, OSD functions, specifications, troubleshooting, and safety information.</p> |
|  | <p>ASUS ROG Strix XG27ACMEG-G Hatsune Miku Edition Gaming Monitor User Guide</p> <p>User guide for the ASUS ROG Strix XG27ACMEG-G Hatsune Miku Edition gaming monitor. Covers setup, OSD functions, specifications, troubleshooting, and supported operating modes.</p> |



[Руководство пользователя ASUS ROG STRIX OLED XG27ACDMS](#)

Подробное руководство пользователя для монитора ASUS ROG STRIX OLED XG27ACDMS, содержащее инструкции по установке, настройке, эксплуатации, технические характеристики и устранение неполадок.