BenQ XL2740

BenQ Zowie XL2740 27-inch 240Hz Gaming Monitor User Manual

1. INTRODUCTION

The BenQ Zowie XL2740 is a 27-inch gaming monitor designed for competitive e-Sports. It features a 240Hz refresh rate, 1ms response time, and specialized technologies like Black eQualizer and Color Vibrance to enhance visual clarity and provide a competitive edge. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your monitor.

Figure 1.1: BenQ Zowie XL2740 Monitor with ZOWIE branding and adjustable side shields.

2. KEY FEATURES

- **240Hz Refresh Rate:** Provides ultra-smooth motion for a fluid gaming experience.

- **1ms Response Time (GTG):** Minimizes ghosting and lag for optimal competitive gameplay.

- **Black eQualizer:** Enhances visibility in dark scenes without overexposing bright areas.

- **Color Vibrance:** Allows for precise color tuning to differentiate in-game targets.

- **S-Switch:** A remote controller for quick access to monitor settings and custom display profiles.

- **Adjustable Shield:** Removable side shields help reduce distractions and maintain focus during gameplay.

- **G-Sync Compatible/Adaptive Sync:** Ensures tear-free and stutter-free gaming.

- **Multiple Connectivity Options:** Includes DisplayPort, Dual-link DVI-D, HDMI, and headphone/microphone jacks.

Figure 2.1: Visual representation of key features including Black eQualizer, Color Vibrance, 240Hz refresh rate, 1ms response time, S-Switch, and Shielding Hood.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BenQ Zowie XL2740 Monitor
- Power Adapter
- DisplayPort Cable
- HDMI Cable
- USB Cable
- S-Switch
- Monitor Shields (Left and Right)
- Quick Start Guide

4. Setup

4.1 Assembling the Stand

1. Place the monitor panel face down on a soft, clean surface to prevent scratches.
2. Attach the stand base to the stand column and secure it with the captive screw.
3. Align the stand assembly with the mounting holes on the back of the monitor panel and push until it clicks into place.

4.2 Connecting Cables

Connect the necessary cables to the monitor and your computer/console. Ensure all connections are secure.

Figure 4.1: Rear view of the monitor showing various connectivity ports: USB, DisplayPort, HDMI 1, HDMI 2, and AC Power Supply input.

- **Power:** Connect the power adapter to the monitor's AC power supply port and then to a power outlet.
- **Video Input:** Use either the DisplayPort or HDMI cable to connect your computer/console to the monitor. For 240Hz refresh rate, DisplayPort is recommended.

- **USB:** Connect the USB upstream cable from your computer to the monitor to enable the monitor's USB hub and S-Switch functionality.
- **Audio:** Connect headphones or external speakers to the headphone jack if desired.

4.3 Physical Adjustments

The XL2740 offers extensive ergonomic adjustments for optimal viewing comfort.

Figure 4.2: The monitor stand allows for smooth vertical height adjustment to suit user preference.

- **Height Adjustment:** Gently push or pull the monitor panel up or down to your desired height.
- **Tilt Adjustment:** Tilt the monitor screen forward or backward to find the best viewing angle.
- **Swivel Adjustment:** Rotate the monitor left or right on its base.
- **Pivot Adjustment:** The monitor can be rotated 90 degrees to a vertical (portrait) orientation.

Figure 4.3: The monitor can be tilted vertically and swiveled horizontally for ergonomic positioning.

4.4 Attaching the Shields

The removable shields can be attached to the sides of the monitor to help reduce peripheral distractions.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Press the power button located on the bottom right side of the monitor to turn it on or off.

5.2 Using the S-Switch

The S-Switch allows for quick navigation of the On-Screen Display (OSD) menu and instant switching between custom display profiles.

Figure 5.1: The S-Switch, a wired remote, provides easy access to monitor settings and allows saving up to three custom profiles.

- **Navigation:** Use the scroll wheel to navigate through OSD menu options.
- **Profile Switching:** The numbered buttons (1, 2, 3) can be assigned to different display settings profiles for quick changes between game types or applications.
- **Back Button:** The 'back' button allows you to exit menus.

5.3 OSD Menu Navigation

Access the OSD menu using the buttons on the monitor or the S-Switch to adjust settings such as:

- **Picture:** Brightness, Contrast, Sharpness, Gamma, Color Temperature.
- **Display:** Input selection, Aspect Ratio.
- **Color:** Black eQualizer, Color Vibrance, Low Blue Light.
- **Game:** AMA (Advanced Motion Accelerator), Instant Mode, Refresh Rate.
- **Audio:** Volume, Mute.

5.4 Optimizing for Gaming

For competitive gaming, consider adjusting the following settings:

- **Refresh Rate:** Ensure your graphics card settings are configured to output 240Hz.
- **Black eQualizer:** Experiment with different levels to gain better visibility in dark areas without washing out the overall image.
- **Color Vibrance:** Adjust to make in-game objects and enemies stand out more clearly.
- **AMA (Advanced Motion Accelerator):** Set to High for reduced motion blur.

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, use a screen-specific cleaning solution applied to the cloth, not directly to the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid abrasive cleaners or solvents.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Power Off When Not in Use:** Turn off the monitor when not in use for extended periods to conserve energy and prolong its lifespan.

7. TROUBLESHOOTING

If you encounter issues with your BenQ Zowie XL2740 monitor, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected; Video cable disconnected; Incorrect input source selected.	Check power and video cable connections; Select correct input source via OSD menu or S-Switch.
Image is blurry or distorted	Incorrect resolution; Graphics card driver issues; Monitor settings.	Set display resolution to 1920x1080; Update graphics drivers; Reset monitor settings to default.
Screen flickering	Refresh rate mismatch; Faulty cable; Graphics card issues.	Ensure 240Hz refresh rate is set in OS and monitor; Try a different DisplayPort/HDMI cable; Update graphics drivers.
S-Switch not responding	USB cable not connected or faulty.	Ensure the USB upstream cable is securely connected between the monitor and your computer.

8. SPECIFICATIONS

Feature	Detail
Model Number	XL2740

Feature	Detail
Screen Size	27 Inches
Resolution	1920 x 1080 Pixels (FHD 1080p)
Aspect Ratio	16:9
Refresh Rate	240 Hz
Response Time	1ms (GTG)
Panel Type	TN (Fast TN for motion clarity)
Brightness (Typical)	320 Candela (cd/)
Contrast Ratio (Typical)	1000:1
Connectivity	DisplayPort, Dual-link DVI-D, HDMI (x2), Headphone Jack, Microphone Jack, USB (x1)
Power Supply	Built-in (90~264 AC)
Power Consumption (On mode)	65W
Product Dimensions	8.86 x 22 x 24.9 inches
Item Weight	19 pounds

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official BenQ Zowie website. Keep your purchase receipt for warranty claims.

10. OFFICIAL PRODUCT VIDEOS

ZOWIE XL-X+ Series Overview

Your browser does not support the video tag.

This video provides an overview of the ZOWIE XL-X+ series, highlighting features like Fast TN panels and DyAc 2 technology, designed for competitive gaming performance.