

BenQ XL2546

BenQ ZOWIE XL2546 Gaming Monitor User Manual

Model: XL2546

INTRODUCTION

The BenQ ZOWIE XL2546 is a 24.5-inch gaming monitor designed for competitive e-sports. It features a 240Hz refresh rate and 1ms response time, along with technologies like Dynamic Accuracy (DyAc) and Black eQualizer to enhance visual clarity and competitive performance. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your monitor.

PACKAGE CONTENTS

Before proceeding with the setup, please ensure all components listed below are present in your package:

- BenQ ZOWIE XL2546 Monitor
- Monitor Stand (Base and Neck)
- DP Cable
- USB 3.0 Upstream Cable
- S-Switch (External Controller)
- Dust Cover
- Shield (Side Panels)
- Power Cable
- User Manual and Documentation

SETUP GUIDE

1. Assembling the Monitor Stand

1. Carefully remove the monitor panel from its packaging and place it face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the monitor panel by aligning the mounting points and securing it with the provided screws.
3. Connect the stand base to the neck, ensuring it clicks securely into place or is fastened with its designated screw.
4. Once assembled, carefully lift the monitor and place it upright on a stable, flat surface.



Image: Front view of the BenQ ZOWIE XL2546 monitor, showcasing its design with the attached stand and the S-Switch controller positioned at the base.

2. Connecting to Your Computer

The XL2546 monitor offers multiple connectivity options:

- **DisplayPort (Recommended for 240Hz):** Connect one end of the DisplayPort cable to the monitor's DisplayPort input and the other end to your computer's graphics card DisplayPort output.
- **HDMI:** Connect an HDMI cable from your computer to one of the monitor's HDMI inputs. Note that 240Hz may require specific HDMI versions on both devices.
- **Dual-Link DVI-D:** For older systems, a Dual-Link DVI-D cable can be used.
- **USB 3.0 Upstream:** Connect the provided USB 3.0 upstream cable from the monitor to your computer to enable the monitor's USB ports and S-Switch functionality.
- **Audio Jacks:** Connect headphones or external speakers to the headphone jack, and a microphone to the microphone jack if desired.



Image: Rear view of the BenQ ZOWIE XL2546 monitor, highlighting the array of input ports including DisplayPort, HDMI, DVI-D, USB, and audio jacks.

3. Power Connection

Connect the power cable to the monitor's power input and then plug the other end into a wall outlet.

4. Attaching the Shield (Optional)

The removable Shield helps reduce glare and distractions. Slide the side panels into the slots on either side of the monitor until they are securely in place.



Image: The BenQ ZOWIE XL2546 monitor with its detachable side shields installed, designed to minimize peripheral distractions.

OPERATING INSTRUCTIONS

Powering On/Off

Press the power button located on the bottom right side of the monitor to turn it on or off. The power indicator light will illuminate when the monitor is active.

Using the S-Switch

The S-Switch is an external controller designed for quick access to monitor settings and custom display profiles. Connect it to the dedicated port on the monitor.

- **Navigation:** Use the scroll wheel and buttons to navigate the On-Screen Display (OSD) menu.
- **Custom Profiles:** The S-Switch allows you to save and quickly switch between up to three custom display profiles, optimized for different game genres or applications.
- **Instant Access:** Dedicated buttons provide instant access to key features like Black eQualizer or Color Vibrance.



Image: Side view of the BenQ ZOWIE XL2546 monitor, showing the S-Switch controller connected and positioned for easy access.

Adjusting Display Settings

Access the OSD menu using the S-Switch or the buttons on the monitor to fine-tune your viewing experience:

- **Dynamic Accuracy (DyAc):** This technology reduces motion blur, providing clearer images during fast-paced gameplay. Enable or disable it from the OSD.
- **Black eQualizer:** Adjusts the brightness of dark areas without overexposing bright areas, making hidden enemies more visible.
- **Color Vibrance:** Allows for precise adjustment of color saturation, enhancing visual clarity and color definition.
- **Brightness & Contrast:** Standard adjustments for overall image luminance and contrast.
- **Picture Mode:** Select from various preset modes (e.g., FPS, RTS, Movie) or customize your own.

Ergonomic Adjustments

The XL2546 offers extensive ergonomic adjustments for optimal viewing comfort:

- **Height Adjustment:** Adjust the monitor's height to eye level using the smooth vertical slide mechanism.
- **Tilt:** Tilt the screen forwards or backwards to find the best viewing angle.
- **Swivel:** Rotate the monitor left or right on its base.
- **Pivot:** Rotate the screen 90 degrees for portrait mode viewing.





Image: Side profile of the BenQ ZOWIE XL2546 monitor, illustrating its height adjustment capabilities with visible markings on the stand.

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 marks, lightly dampen the cloth with water or a non-abrasive, monitor-safe cleaning solution. Do not spray liquid directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to wipe the monitor casing. Avoid using strong detergents or abrasive cleaners.
- **Ventilation:** Ensure the monitor's ventilation openings are not blocked to prevent overheating.
- **Storage:** If storing the monitor for an extended period, cover it with the provided dust cover and store it in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your BenQ ZOWIE XL2546 monitor, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No image on screen	Power cable disconnected, video cable disconnected, incorrect input source.	Check power and video cable connections. Ensure the correct input source is selected via the OSD menu or S-Switch.
Image is blurry or distorted	Incorrect resolution, video cable issue, graphics driver outdated.	Set the display resolution to 1920x1080. Check video cable for damage. Update graphics card drivers.
No sound from headphones/speakers	Audio cable disconnected, volume too low, incorrect audio output selected on PC.	Ensure audio cable is connected. Adjust monitor volume. Select monitor as audio output device in PC sound settings.
S-Switch not responding	S-Switch cable disconnected, USB upstream cable disconnected.	Verify the S-Switch cable is securely connected to the monitor. Ensure the USB 3.0 upstream cable is connected from the monitor to your PC.

For more detailed troubleshooting or persistent issues, please refer to the official BenQ ZOWIE support resources or the comprehensive User Guide PDF available online.

SPECIFICATIONS

Key technical specifications for the BenQ ZOWIE XL2546 monitor:

- **Screen Size:** 24.5 Inches
- **Resolution:** 1920x1080 (FHD 1080p)
- **Refresh Rate:** 240Hz
- **Response Time:** 1ms (GTG)
- **Aspect Ratio:** 16:9
- **Contrast Ratio (Typ.):** 1000:1
- **Dynamic Contrast Ratio (DCR):** 12M:1
- **Brightness:** 320 cd/
- **Connectivity:** DisplayPort, Dual-Link DVI-D, HDMI, Headphone Jack, Microphone Jack, USB 3.0 (Upstream + Downstream)
- **Ergonomics:** Full height, tilt, swivel, pivot adjustment
- **VESA Compatibility:** 100mm x 100mm
- **Dimensions (LxWxH):** 22.44 x 20.29 x 8.9 inches
- **Item Weight:** 16.53 pounds
- **Power Consumption (On mode):** 55W

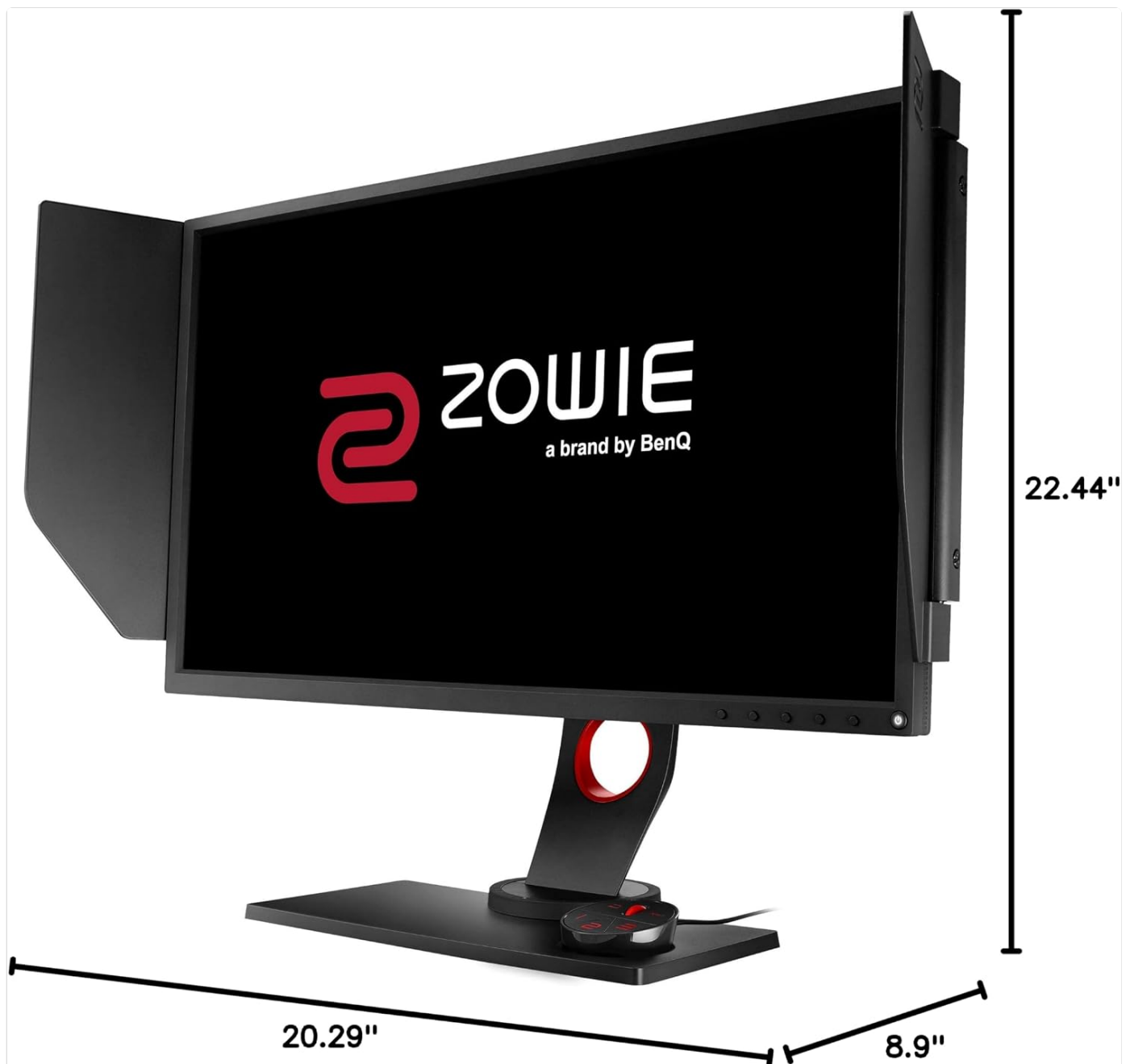


Image: Diagram illustrating the physical dimensions of the BenQ ZOWIE XL2546 monitor.

WARRANTY AND SUPPORT

The BenQ ZOWIE XL2546 monitor comes with a **Manufacturer Limited Warranty of 3 Years**.

For warranty claims, technical support, or further assistance, please visit the official BenQ ZOWIE support website or contact their customer service. You may also find additional resources, including the full User Manual PDF, on the BenQ support page.

Official User Guide (PDF): [Download User Guide](#)

Official User Manual (PDF): [Download User Manual](#)

Safety Information (PDF): [Download Safety Information](#)

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question

and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question