

BenQ XL2546K

BenQ ZOWIE XL2546K 24.5-inch 240Hz Gaming Monitor Instruction Manual

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your BenQ ZOWIE XL2546K Gaming Monitor.

1. PRODUCT OVERVIEW

The BenQ ZOWIE XL2546K is a 24.5-inch gaming monitor designed for competitive esports. It features a 240Hz refresh rate, 1ms response time, and DyAc+ technology for enhanced motion clarity. The monitor includes a smaller base for increased desk space and flexible height and tilt adjustments for optimal viewing comfort. Key features include XL Setting to Share and a customizable Quick Access Menu via the S-Switch.



Figure 1: BenQ ZOWIE XL2546K Gaming Monitor with S-Switch and optional side shields.



Figure 2: Overview of BenQ ZOWIE XL2546K features including DyAc, XL Setting to Share, Black eQualizer, Color Vibrance, 240Hz Refresh Rate, S-Switch, Shielding Hood, and TN Fast Response panel.

2. SETUP INSTRUCTIONS

2.1. Assembly

The monitor stand is designed for easy assembly and offers extensive ergonomic adjustments. The smaller base provides more space for mouse movement on your desk. The stand allows for flexible height adjustment and tilt to suit your personal preference.

2.2. Connectivity

Connect your devices to the monitor using the appropriate ports. The XL2546K offers multiple input options:

- 1 x DisplayPort
- 3 x HDMI 2.0 Ports
- 1 x Headphone Jack
- S-Switch Port (for quick access controller)

XL2546K

Connectivity



Figure 3: Rear view of the XL2546K monitor displaying its connectivity options, including AC power supply, Headphone jack, S-Switch port, three HDMI 2.0 ports, and one DisplayPort.

2.3. Initial Power On

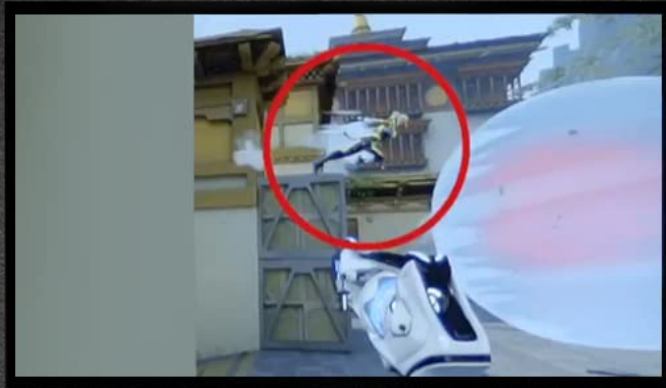
After connecting all necessary cables, press the power button located on the rear of the monitor to turn it on. Ensure your connected device (PC, console) is also powered on and configured to output to the monitor.

3. OPERATING INSTRUCTIONS

3.1. DyAc+ Technology

Dynamic Accuracy plus (DyAc+) technology is designed to reduce motion blur during vigorous in-game actions, such as spraying weapons. This results in clearer visuals and improved target acquisition.

DyAc™ Technology Makes Vigorous In-Games Actions Less of a Blur



On



Off

Figure 4: Visual comparison demonstrating the effect of DyAc™ Technology, showing clearer in-game actions when enabled versus disabled.

3.2. Refresh Rate

The XL2546K supports a lightning-fast 240Hz refresh rate for PC gaming, providing an exceptionally smooth experience. It is also compatible with 120Hz for PlayStation 5 and Xbox Series X consoles.

3.3. XL Setting to Share

The XL Setting to Share feature allows you to easily share your personalized monitor settings with others. This can be useful for teammates, friends, or for backing up your preferred configurations.



Figure 5: Illustration of the XL Setting to Share functionality, enabling users to export and share their monitor settings.

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Video 1: A short video demonstrating the XL Setting to Share feature on the BenQ ZOWIE XL2546K, allowing quick sharing of personalized monitor settings.

3.4. Customizable Quick Access Menu (S-Switch)

The S-Switch is a remote controller that provides quick access to the monitor's On-Screen Display (OSD) menu. You can customize the quick access menu to store and switch between your preferred settings for different games or applications.

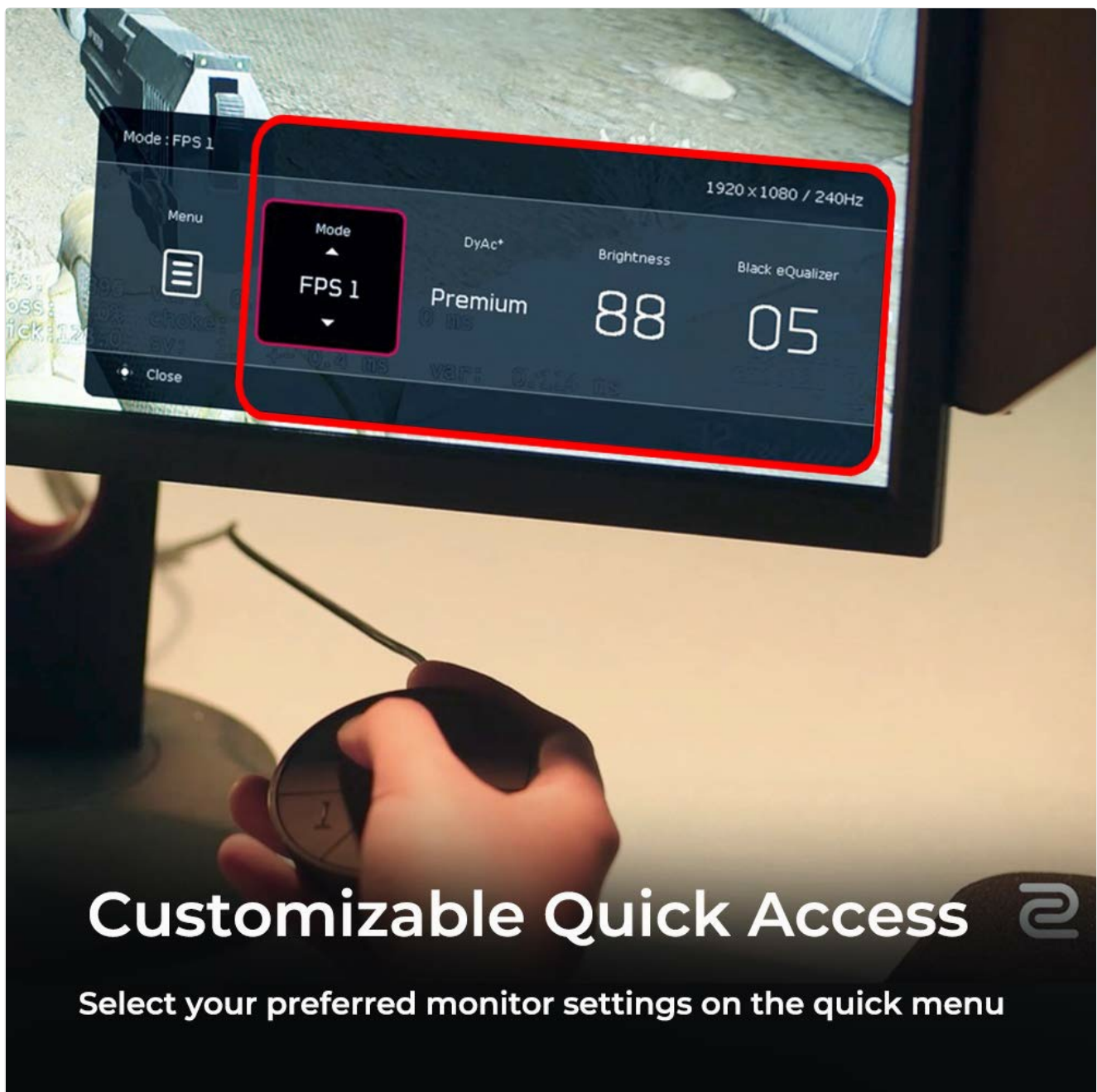


Figure 6: The S-Switch remote controller in use, showing the customizable quick access menu on the XL2546K monitor for rapid setting adjustments.

3.5. Game Modes and Settings

The monitor offers various settings to optimize your gaming experience, including:

- **Black eQualizer:** Adjusts the brightness of dark areas without overexposing bright areas, helping to spot enemies in shadows.
- **Color Vibrance:** Allows for precise adjustment of color saturation to differentiate targets from the background.
- **Game Modes:** Pre-set modes optimized for specific game genres or titles, such as Valorant Mode.

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Video 2: Demonstration of specific video settings for Valorant game mode on the BenQ ZOWIE XL2546K monitor, highlighting visual enhancements for enemy visibility.

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Video 3: Official product video showcasing the features and benefits of the BenQ ZOWIE XL2546K Gaming Monitor, including its design and performance capabilities.

4. MAINTENANCE

4.1. Cleaning the Monitor

- Always power off and unplug the monitor before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild, non-abrasive screen cleaner.
- Avoid spraying liquids directly onto the screen or into any openings.
- Do not use alcohol, ammonia, or abrasive cleaners, as these can damage the screen surface.

4.2. General Care

- Keep the monitor away from direct sunlight, excessive heat, and humidity.
- Ensure proper ventilation around the monitor to prevent overheating.
- Avoid placing heavy objects on the monitor or its cables.

5. TROUBLESHOOTING

5.1. No Image on Screen

- Check if the monitor is powered on and the power cable is securely connected.
- Verify that the video cable (DisplayPort or HDMI) is correctly connected to both the monitor and your computer/console.
- Ensure the correct input source is selected on the monitor (use the OSD menu or S-Switch).
- Test with a different video cable or input source if possible.

5.2. Flickering or Distorted Image

- Check the video cable for any damage or loose connections.
- Ensure your graphics card drivers are up to date.
- Adjust the refresh rate in your operating system or game settings to match the monitor's capabilities (e.g., 240Hz).
- Disable or adjust DyAc+ settings if flickering occurs.

5.3. Buttons Not Responding

- Ensure the monitor is not in a locked mode.
- If using the S-Switch, check its connection to the monitor.
- Power cycle the monitor (turn off, unplug, wait 30 seconds, plug back in, and turn on).

6. SPECIFICATIONS

Feature	Detail
Brand	BenQ
Model Number	XL2546K
Screen Size	24.5 Inches
Resolution	FHD 1080p

Feature	Detail
Aspect Ratio	16:9
Refresh Rate	240Hz
Response Time	1ms
Panel Type	TN (Fast TN)
Screen Surface Description	Matte
Product Dimensions	7.88 x 20.59 x 22.48 inches
Item Weight	13.7 Pounds
Connectivity	1 x DisplayPort, 3 x HDMI 2.0, 1 x Headphone jack, S-Switch

7. WARRANTY AND SUPPORT

7.1. Warranty Information

Please refer to the warranty card included with your product for detailed warranty terms and conditions. Keep your proof of purchase for any warranty claims.

7.2. Customer Support




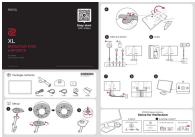
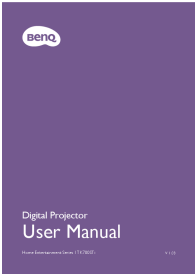
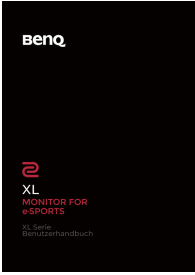
For technical assistance, product inquiries, or support, please contact BenQ customer service. You can also find additional resources and FAQs on the official BenQ ZOWIE website.

- **Email Support:** BQA.eSports@BenQ.com
- **Twitter Support:** [@ZOWIEbyBenQUSA](https://twitter.com/ZOWIEbyBenQUSA)



Figure 7: QR code for quick access to BenQ ZOWIE support via Twitter.

Related Documents - XL2546K

	<p>BenQ ZOWIE XL2546K Gaming Monitor User Manual</p> <p>User manual for the BenQ ZOWIE XL2546K 24.5-inch 240Hz gaming monitor, detailing setup, features like DyAc+, S-Switch, and adjustments for optimal e-sports performance.</p>
	<p>BenQ XL Setting to Share™ User Manual</p> <p>Comprehensive user manual for BenQ's XL Setting to Share™ software, enabling users to easily share and apply monitor settings for e-sports monitors. Learn about system requirements, configuration, profile management, and auto game mode.</p>
	<p>BenQ XL2546K LCD Monitor Recycle Disassemble Instruction</p> <p>Detailed instructions for the disassembly of the BenQ XL2546K LCD Monitor, including required tools and steps for safe disposal according to WEEE directives.</p>
	<p>BenQ XL2566X e-Sports Monitor Quick Start Guide</p> <p>Quick start guide for the BenQ XL2566X e-Sports Monitor, covering package contents, setup, connections, and mounting instructions.</p>
	<p>BenQ TK700STi 4K HDR Gaming Projector User Manual</p> <p>Comprehensive user manual for the BenQ TK700STi 4K HDR Gaming Projector, covering setup, operation, features, specifications, and troubleshooting for an immersive home entertainment and gaming experience.</p>
	<p>BenQ ZOWIE XL Serie: Umfassendes Benutzerhandbuch für e-Sports Monitore</p> <p>Entdecken Sie die Funktionen und die optimale Nutzung Ihres BenQ ZOWIE XL Serie e-Sports Monitors mit diesem detaillierten Benutzerhandbuch. Es deckt Installation, Einstellungen, Sicherheit und Fehlerbehebung ab.</p>