

Pulsar Gaming Gears Xlite V3 eS

Pulsar Gaming Gears Xlite V3 eS Wireless Gaming Mouse Instruction Manual

Comprehensive guide for setting up, operating, and maintaining your Pulsar Gaming Gears Xlite V3 eS Wireless Gaming Mouse.

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1. PRODUCT OVERVIEW

The Pulsar Gaming Gears Xlite V3 eS Wireless Gaming Mouse is engineered for competitive esports tournaments, offering an ergonomic design focused on right-hand palm grips for extended comfort. It features an OLED display for driver-free customization of settings and utilizes optical switches for rapid, precise responses without double-clicking issues. The mouse is equipped with the high-performance PixArt PAW3395 sensor and Nordic MCU for exceptional power efficiency and processing.

Key Features:

- **Ergonomic Design:** Optimized for right-hand palm grips, ensuring comfort during long gaming sessions.
- **OLED Display:** Integrated on the bottom surface for quick, driver-free adjustments of battery status, polling rate, LOD, Motion Sync, DPI, and Debounce time.
- **Optical Switches:** Provides speed-of-light response and eliminates double-clicking issues.
- **PAW3395 Sensor:** Features PixArt's flagship sensor for efficient, powerful, and precise tracking.
- **4K Wireless / 8K Wired Polling Rate:** Achieves ultra-responsive performance with the included 4K dongle (wireless) and wired connection (8K).
- **Durable Build:** Super rigid body structure and Aerospace-grade aluminum alloy scroll wheel with a dust-proof mechanism.



Image: The ergonomic design of the Pulsar Xlite V3 eS mouse, designed for comfort and performance.

2. SETUP GUIDE

2.1 Initial Connection & Charging

To begin using your Pulsar Xlite V3 eS mouse, connect the included USB-C cable to the mouse and a USB port on your computer. The mouse can be used in wired mode while charging. For wireless use, ensure the 4K dongle is connected to your computer.

SPEED OF LIGHT, OPTICAL SWITCH

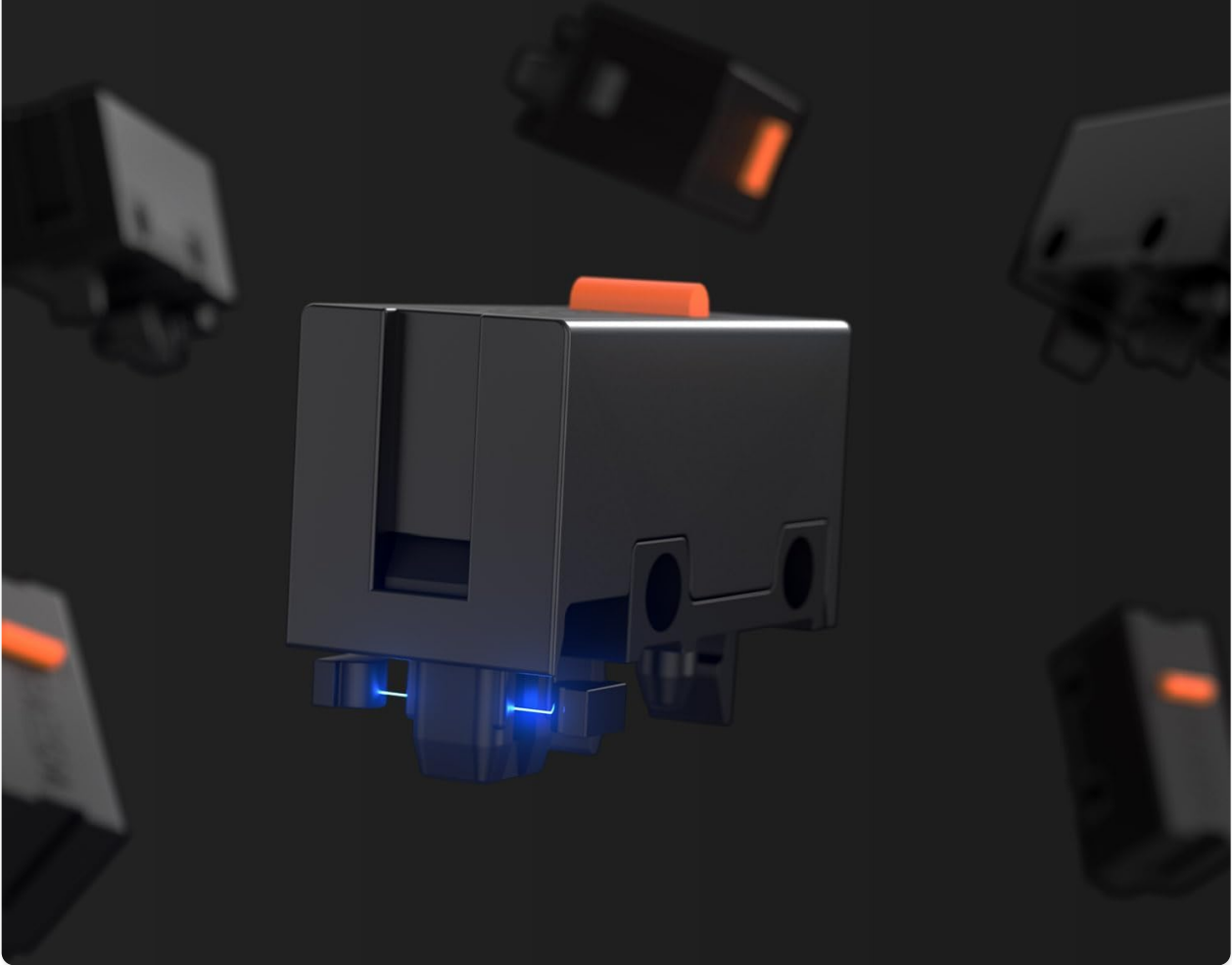


Image: The Pulsar Xlite V3 eS mouse and its 4K wireless dongle, ready for connection.

2.2 Firmware Update (Recommended)

It is recommended to update the firmware for both the mouse and the dongle to ensure optimal performance and access to the latest features. Both must be updated to the same version.

1. Download the latest firmware from the official Pulsar Gaming Gears website.
2. Connect the 4K dongle to the USB-C cable, then connect the cable to your computer.
3. Run the downloaded firmware updater. Select "Update Dongle" and follow the on-screen instructions. Do not unplug the device during the update.
4. Once the dongle update is complete, disconnect the dongle and connect the mouse directly to the USB-C cable.
5. Refresh the firmware updater and select "Update Mouse." Follow the on-screen instructions. Do not unplug the device during the update.
6. After both updates are complete, close the program. You can now reconnect the dongle and use the mouse wirelessly.

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3. OPERATING INSTRUCTIONS

The Xlite V3 eS mouse features an OLED display on its underside, allowing for direct, driver-free customization of various settings. This display shows battery status and current settings.

**MAXIMIZE
SPEED AND PRECISION**

4K
WIRELESS
WITH 4K DONGLE

8K
WIRED

REQUIREMENT:
INTEL CORE I5 OR HIGHER CPU / AMD RYZEN 5 OR HIGHER CPU / USB 3.0 OR HIGHER PORT

Image: The OLED display provides real-time information and allows for on-the-fly adjustments.

3.1 DPI Settings

To adjust the DPI (Dots Per Inch), press the dedicated DPI button on the underside of the mouse. Each press cycles through six different DPI settings, ranging from 400 DPI to 12800 DPI. The current DPI will be displayed on the OLED screen.

3.2 Polling Rate Adjustment

Change the polling rate by pressing the polling rate button on the underside of the mouse. Available options include 500Hz, 1000Hz, 2000Hz, and 4000Hz (wireless). When using the provided USB-C cable in wired mode, the polling rate can go up to 8000Hz.

3.3 Debounce Rate Adjustment

To adjust the debounce rate, hold the polling rate button and then press the DPI button. This will cycle through different debounce settings, displayed on the OLED screen.

3.4 Lift-off Distance (LOD)

To adjust the Lift-off Distance, hold the polling rate button and then press the right-click button. This allows you to switch between 1mm and 2mm LOD settings.

3.5 Motion Sync

For enhanced tracking precision, you can enable or disable Motion Sync. Hold the polling rate button and use the left-click button to toggle Motion Sync on or off.

3.6 4K Dongle LED Control

The 4K dongle's LED is blue by default. To turn it off, hold the scroll button, the right-click button, and the forward button simultaneously for 5 seconds.

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Video: A comprehensive guide to configuring the Pulsar eS Series mouse settings using the on-board OLED display.

4. MAINTENANCE

4.1 Cleaning

To maintain optimal performance and hygiene, regularly clean your mouse. Use a soft, dry cloth to wipe the surface. For hard-to-reach areas, a can of compressed air can be used to remove dust and debris from the optical sensor and scroll wheel.

4.2 Battery Management

The mouse has an estimated battery life of 100 hours on a single charge. The LED indicator on the side of the mouse will flash red when the battery level is below 30%, indicating it needs charging. When fully charged, the LED will turn blue.

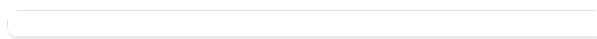


Image: The mouse connected for charging, with the LED indicator showing charging status.

5. TROUBLESHOOTING

5.1 Wireless Connection Issues After Firmware Update

If you experience wireless connection issues after a firmware update, please check the following:

- Ensure you updated the dongle first, then the mouse, in the correct order.
- Verify that the dongle and mouse firmware versions are the same.
- If necessary, use a spare mouse to update the dongle to match the mouse firmware. This should resolve the issue.

5.2 General Connectivity Problems

If the mouse is not responding or connecting:

- Ensure the mouse is sufficiently charged.
- Try connecting the mouse directly via the USB-C cable to rule out wireless interference.
- Ensure the dongle is securely plugged into a USB port on your computer.
- Restart your computer.

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Video: Frequently Asked Questions about the Pulsar eS mouse, including troubleshooting tips.

6. SPECIFICATIONS

Feature	Detail
Model Number	PXV3ES21
Product Dimensions	4.8 x 2.64 x 0.04 inches (122 x 67 x 43 mm)
Item Weight	2.29 ounces (65g)
Connectivity Technology	Wireless (4K dongle included) / Wired (USB-C)
Movement Detection Technology	Optical (PAW3395 Sensor)
Special Features	OLED Display, 4K wireless / 8K wired polling rate, Optical switch, PAW3395 sensor
Battery	1 Lithium Ion battery (included), 100H battery life
Color	Black

SUPER RIGID BODY STRUCTURE



Image: Detailed dimensions of the Pulsar Xlite V3 eS mouse.

7. WARRANTY AND SUPPORT

For any inquiries, technical support, or to purchase replacement parts such as an eS dongle, please contact Pulsar Gaming Gears support. Each mouse and dongle may have different compatibility requirements, and availability may vary depending on stock.

Contact Support: Visit pulsar.gg/support