

ENDGAME GEAR EGG-OP1-8K-BLK

ENDGAME GEAR OP1 8k Wired Gaming Mouse

Instruction Manual - Model: EGG-OP1-8K-BLK

1. PRODUCT OVERVIEW

The ENDGAME GEAR OP1 8k is a high-performance wired gaming mouse engineered for competitive play. It features an ultra-fast 8000Hz polling rate, a precise PixArt PAW3395 sensor, and durable Kailh GX switches, all housed within a compact and lightweight design optimized for claw grip users.



Figure 1.1: The ENDGAME GEAR OP1 8k Wired Gaming Mouse, showcasing its sleek black design and ergonomic shape.

Key Features:

- **8000Hz Polling Rate:** Delivers up to 8000 data reports per second for minimal input delay and superior responsiveness.
- **PixArt PAW3395 Sensor:** Offers unmatched accuracy with up to 26,000 CPI, 650 IPS, and 50G acceleration, including Motion-Sync for consistent data intervals.
- **Kailh GX Switches:** Engineered for lightning-fast precision and reliability with a crisp, defined click sensation.
- **Compact Claw Grip Design:** Weighs just over 50g, with flatter sides for flexible finger placement and extended side walls to prevent accidental clicks.
- **Flex Cord 5.0 Cable:** Ensures a permanent data connection for peak performance without power-saving concerns.



Figure 1.2: Visual representation of the mouse's core features: lightweight design, PixArt PAW3395 sensor, and Kailh GX mechanical switches.

2. SETUP GUIDE

2.1. Connecting the Mouse

1. Unpack the ENDGAME GEAR OP1 8k mouse and its Flex Cord 5.0 cable from the packaging.
2. Insert the USB-A connector of the Flex Cord 5.0 cable into an available USB port on your computer.
3. The mouse is plug-and-play and should be recognized automatically by your operating system.



Figure 2.1: The ENDGAME GEAR OP1 8k mouse connected via its Flex Cord 5.0 cable, designed for optimal performance and durability.

2.2. Software Installation (Optional)

For advanced customization of DPI settings, polling rate, and other features, download the official ENDGAME GEAR software from the manufacturer's website. The software is designed to be minimalist and efficient, allowing quick configuration without unnecessary bloat.

- Visit the official ENDGAME GEAR support page.
- Locate and download the software package for the OP1 8k mouse.
- Follow the on-screen instructions to complete the installation.

3. OPERATING INSTRUCTIONS

3.1. Basic Operation

The OP1 8k mouse functions as a standard USB mouse. Move the mouse to control the cursor on your screen. The left and right buttons perform primary and secondary clicks, respectively. The scroll wheel allows for vertical scrolling and also functions as a middle click button.

3.2. Polling Rate and Sensor Performance

The 8000Hz polling rate ensures that the mouse reports its position to your computer 8000 times per second, significantly reducing input lag. The PixArt PAW3395 sensor provides exceptional tracking accuracy across various surfaces. Optimal performance is achieved on high-quality mouse pads.



Ultra-fast Polling Rate with up to 8000Hz

Experience ultimate responsiveness and real-time precision with the incredible 8000Hz polling rate of the OP1 8k. Powered by the Nuvoton M483 high-speed MCU, this gaming mouse delivers up to 8000 data reports per second, ensuring lightning-fast speeds and minimal delay.

Figure 3.1: The OP1 8k mouse on a gaming surface, highlighting its ultra-fast 8000Hz polling rate for superior responsiveness.

3.3. Kailh GX Switches and Customization

The Kailh GX switches are designed for durability and a consistent click feel. The OP1 8k features a swappable main button switch design, allowing users to customize the click feel with optional switch packs (sold separately). Accessible screws on the bottom plate facilitate this process.

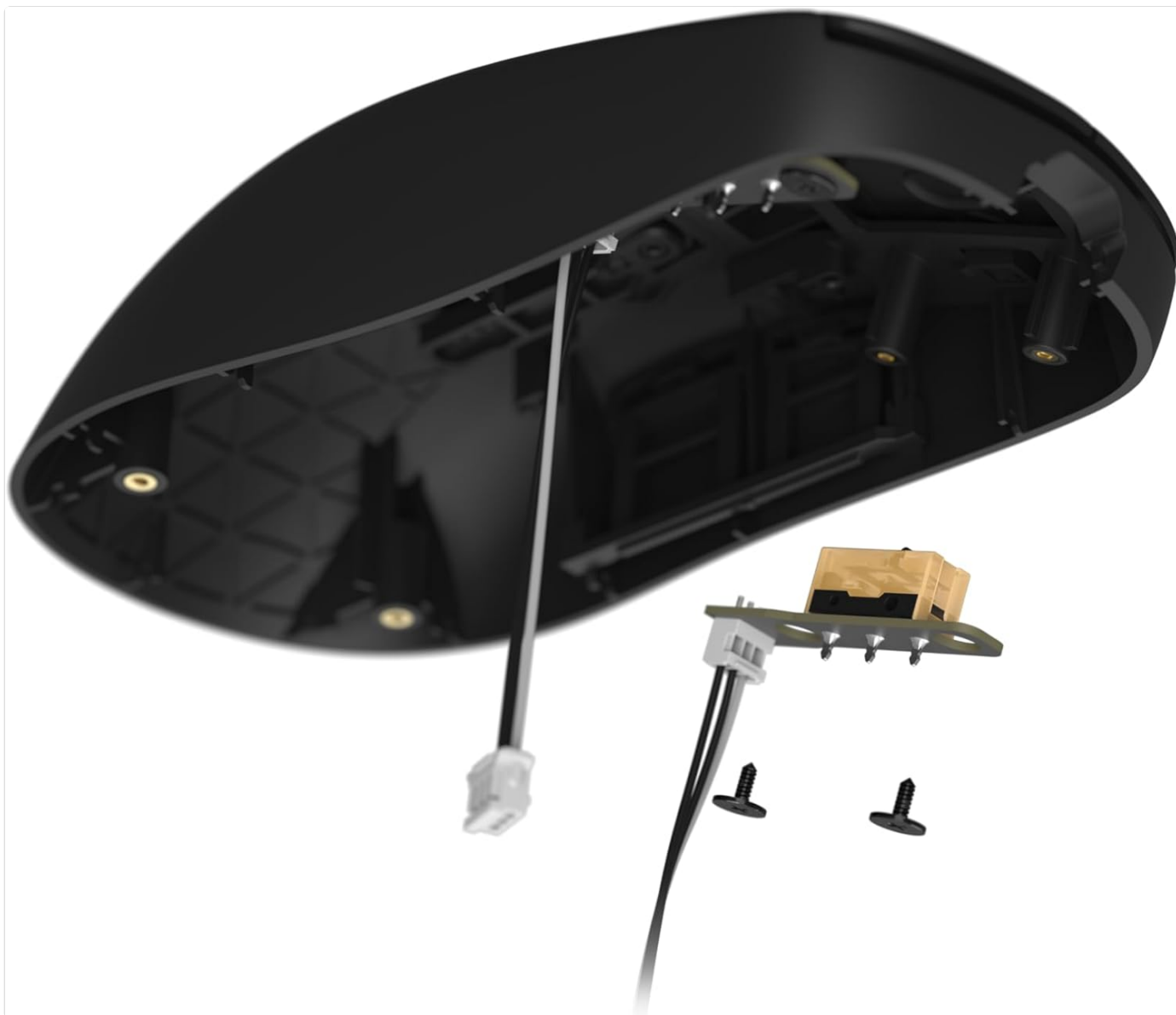


Figure 3.2: An internal view of the mouse, illustrating the Kailh GX switch mechanism, which provides a crisp and reliable click.

Swappable Main Button Switches with Optional Switch Packs

All OP1 mice have a swappable main button switch design with accessible screws at the bottom plate. This allows for effortless customization, giving you the perfect click feel tailored to your liking.



Figure 3.3: The swappable main button switch design, allowing for personalized click feel by replacing switches.

4. MAINTENANCE

4.1. Cleaning

- To clean the mouse, use a soft, dry, lint-free cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaning solution. Avoid excessive moisture.
- Do not use harsh chemicals, abrasive pads, or solvents, as these can damage the mouse's surface.
- Regularly clean the optical sensor on the underside of the mouse with a cotton swab to ensure optimal tracking performance.

4.2. Storage

When not in use, store the mouse in a clean, dry environment away from direct sunlight and extreme temperatures. Avoid coiling the cable too tightly to prevent damage.

5. TROUBLESHOOTING

If you encounter issues with your ENDGAME GEAR OP1 8k mouse, please refer to the following common troubleshooting steps:

Problem	Possible Solution
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Problem	Possible Solution
Mouse not responding	Ensure the USB cable is securely connected to your computer. Try connecting the mouse to a different USB port. Restart your computer. Check if the mouse is enabled in your operating system's device manager.
Inaccurate tracking or cursor erratic behavior	Clean the optical sensor on the underside of the mouse. Ensure you are using the mouse on a clean, uniform surface or a high-quality mouse pad. Update the mouse firmware using the ENDGAME GEAR software.
Buttons not clicking or double-clicking	Ensure the mouse buttons are free from debris. If using custom switches, ensure they are properly seated. Update the mouse firmware.

For further assistance, refer to the official ENDGAME GEAR support website or contact customer service.

6. SPECIFICATIONS

Feature	Detail
Brand	ENDGAME GEAR
Model Number	EGG-OP1-8K-BLK
Connectivity Technology	USB (Wired)
Movement Detection Technology	Optical (PixArt PAW3395 Sensor)
Max CPI	26,000
Max IPS	650
Max Acceleration	50G
Polling Rate	Up to 8000Hz
Switches	Kailh GX (Main Buttons, Swappable)
Item Weight	Approximately 1.78 ounces (50.5g)
Color	Black
Date First Available	January 18, 2024

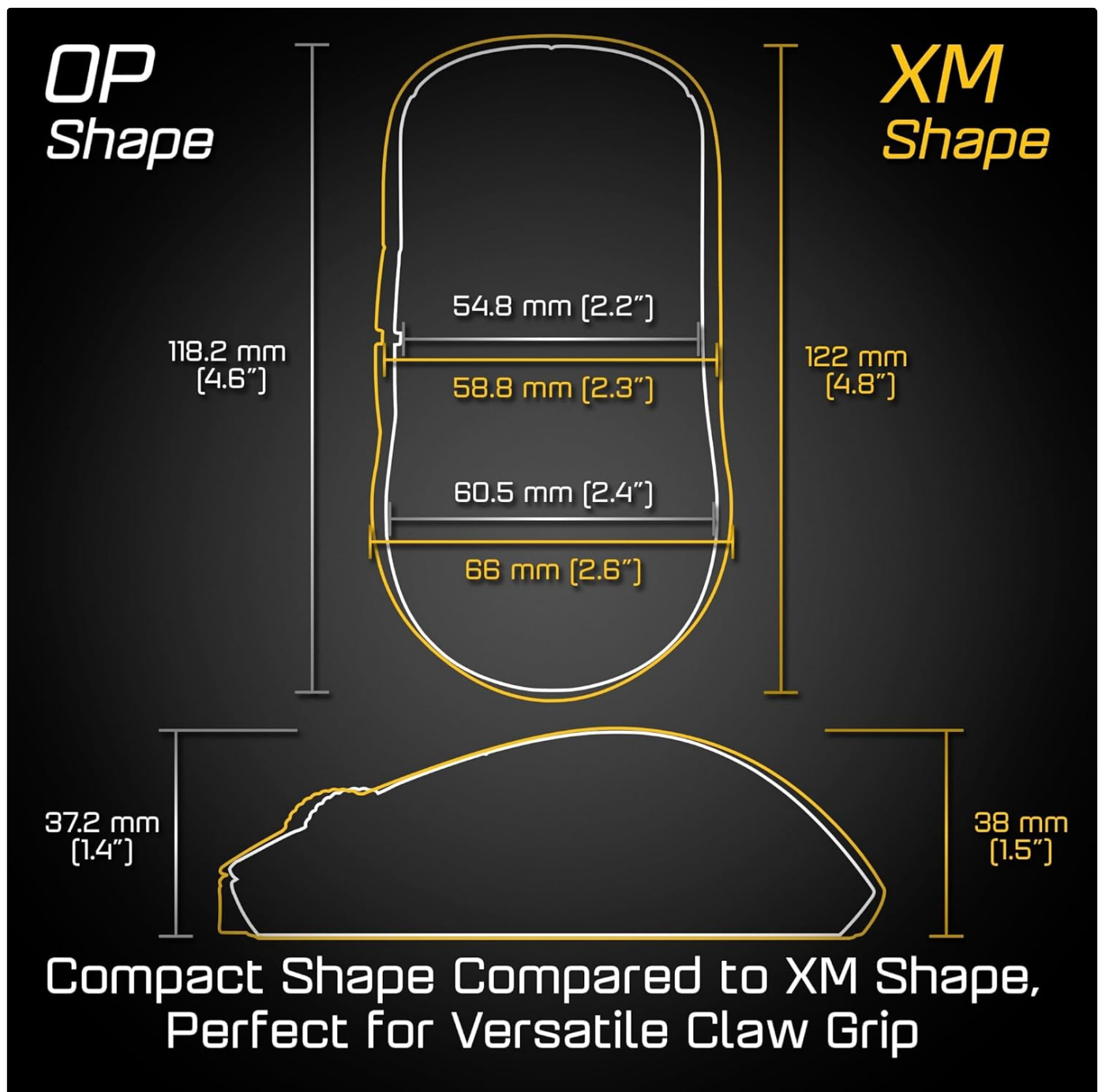


Figure 6.1: Dimensional comparison of the OP Shape (OP1 8k) versus the XM Shape, illustrating the compact design of the OP1 8k.

7. WARRANTY AND SUPPORT

ENDGAME GEAR products are manufactured to high quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the official ENDGAME GEAR website or the warranty card included with your product.

For technical support, driver downloads, firmware updates, and frequently asked questions, please visit the official ENDGAME GEAR support portal:

[Visit ENDGAME GEAR Support](#)

Additional protection plans may be available for purchase from authorized retailers. Please check with your point of purchase for details.

