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ATTACK SHARK R5 Ultra

ATTACK SHARK R5 Ultra Wireless Gaming Mouse User Manual

Model: R5 Ultra

1. PRODUCT OVERVIEW

The ATTACK SHARK R5 Ultra is a high-performance wireless gaming mouse engineered for competitive gaming. It features an ultra-lightweight carbon fiber shell, advanced sensor technology, and versatile connectivity options to deliver precision and responsiveness.



Figure 1.1: ATTACK SHARK R5 Ultra Mouse with accessories.

Key Features:

- **Ultra-Lightweight Design:** Constructed with injection-molded carbon fiber, weighing approximately 39g for agile movement.
- **PAW3950MAX Flagship Sensor:** Offers up to 42,000 DPI, 750 IPS tracking, and 8KHz wireless polling rate for exceptional accuracy and speed.
- **Durable Microswitches:** Equipped with flagship microswitches providing a 100M-click lifespan and 0.2ms actuation to prevent double-click issues.
- **Tri-Mode Connectivity:** Supports Wired (USB-C), 2.4GHz Wireless, and Bluetooth connections for versatile use.
- **Ergonomic Form Factor:** Designed to minimize fatigue during extended use, suitable for palm and claw grip styles.
- **Customizable Settings:** Full customization of buttons, DPI, polling rate, and lift-off distance via dedicated driver software.

- CARBON FIBER COMPOSITE MOUSE



- PIXART PAW3950MAX



- OMRON MICROSWITCHES



- WIRELESS 8000HZ POLLING RATE

8K

ATTACK SHARK

R5 ULTRA MOUSE

Carbon Fiber Composites: Exploring Trendy Lightness



- NORDIC 52840 CHIP



- WEB DRIVER



Figure 1.2: Overview of the R5 Ultra's core technologies.

2. SETUP GUIDE

Package Contents:

- ATTACK SHARK R5 Ultra Wireless Gaming Mouse
- 8KHz Wireless Nano Dongle Receiver
- Upgraded TPU Coiled USB-C Cable
- DIY Anti-slip Grip Tapes
- Teflon Feet (pre-installed and spares)

Charging the Mouse:

Before first use, it is recommended to fully charge the mouse. Connect the supplied USB-C coiled cable to the mouse's front port and the other end to a USB power source (e.g., computer USB port, wall adapter). The mouse can be used while charging in wired mode.

Connectivity Modes:

The R5 Ultra mouse supports three connection methods: 2.4GHz Wireless, Bluetooth, and Wired USB-C.



Figure 2.1: Tri-Mode Connectivity options.

2.4GHz Wireless Connection:

1. Locate the mode switch on the bottom of the mouse and set it to the **2.4G** position.
2. Insert the 8KHz wireless nano dongle receiver into an available USB port on your computer.
3. The mouse should automatically connect. For force code matching, press and hold the Left/Center/Right buttons for 3 seconds.

R5 ULTRA MOUSE 8K Mini Receiver

High-Frame Light Chasing

0.3993ms

Average Keystroke Latency *

Attack Shark R5 Ultra-8K **0.3993ms**

Industry Generic
Programme **1.8230ms**



Figure 2.2: The 8K Mini Receiver for ultra-low latency wireless connection.

Bluetooth Connection:

1. Set the mode switch on the bottom of the mouse to the **BT** position.
2. On your computer or device, open Bluetooth settings and search for new devices.
3. Select "ATTACK SHARK R5 Ultra" from the list of available devices to pair. For force code matching, press and hold the Left/Center/Right buttons for 3 seconds.

Wired USB-C Connection:

1. Connect the USB-C end of the coiled cable to the mouse and the USB-A end to your computer.
2. The mouse will automatically switch to wired mode and begin charging.

3. OPERATING INSTRUCTIONS

DPI Adjustment:

The DPI (Dots Per Inch) sensitivity can be adjusted using the dedicated DPI button located on the bottom of the mouse. Pressing this button cycles through preset DPI levels, indicated by a change in the internal LED color. Refer to the customization software for specific DPI values corresponding to each LED color.

Customization Software:

The ATTACK SHARK R5 Ultra mouse is fully customizable via a web-based driver software. This allows you to program buttons, adjust DPI settings, change polling rates, set lift-off distance (LOD), and configure other performance parameters.

- Access the software by visiting the official ATTACK SHARK website (refer to product packaging or official support channels for the exact URL).
- No download or installation is required; the software runs directly in your web browser.
- Changes made in the software are saved directly to the mouse's onboard memory.

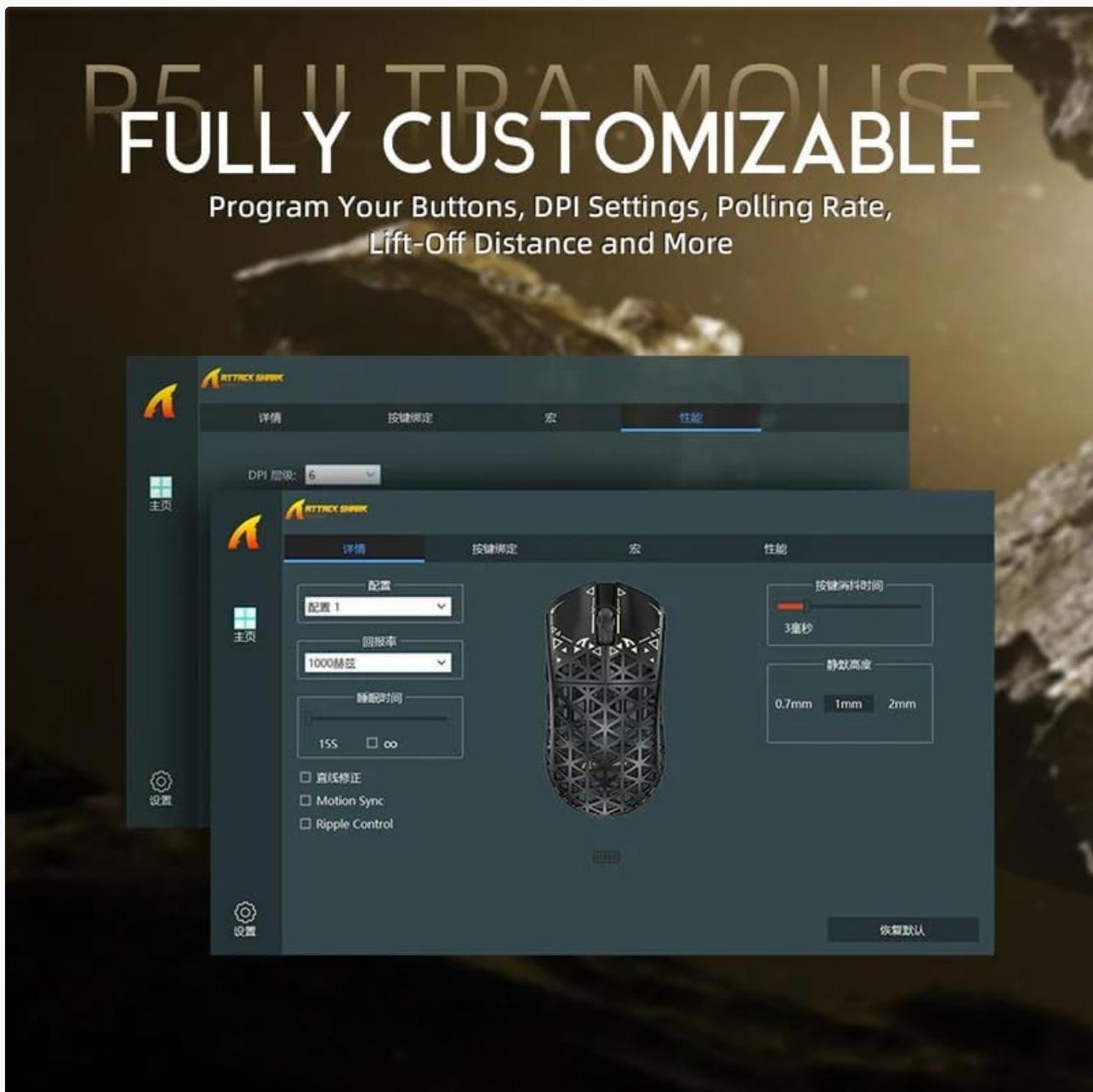


Figure 3.1: Customization software interface.

Ergonomic Use:

The R5 Ultra's ergonomic design is optimized for precision and endurance. Its shape supports both palm and claw

grip styles, referred to as "RelaxClaw," to minimize hand fatigue during prolonged gaming sessions. Experiment with the included anti-slip grip tapes to find your most comfortable and secure hold.

4. MAINTENANCE

Cleaning the Mouse:

- Regularly clean the mouse surface with a soft, dry, lint-free cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution, ensuring no liquid enters the mouse's internal components.
- Use compressed air to clear dust and debris from the sensor area and button crevices.

Battery Care:

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the mouse in a cool, dry place when not in use for extended periods.
- Use only the provided USB-C cable for charging to ensure compatibility and safety.

5. TROUBLESHOOTING

Cursor Skipping or Unresponsive Movement:

- Check Connectivity:** Ensure the 2.4GHz dongle is securely inserted into a USB port, or that Bluetooth is properly paired.
- Dongle Placement:** Move the wireless dongle closer to the mouse, ideally without obstructions.
- Try Different USB Ports:** Connect the dongle or wired cable to a different USB port on your computer.
- Surface Compatibility:** Ensure you are using the mouse on a suitable surface. Highly reflective or uneven surfaces can affect sensor performance.
- Clean Sensor:** Gently clean the optical sensor on the bottom of the mouse with a soft cloth.
- Re-pair Wireless:** For 2.4GHz or Bluetooth, try re-pairing the mouse with the receiver/device.

Polling Rate Not Reaching 8KHz:

- System Load:** High CPU usage or background processes on your computer can affect the achievable polling rate.
- USB Port Bandwidth:** Ensure the USB port used for the dongle has sufficient bandwidth. Using a USB 3.0 or higher port is recommended.
- Driver Software:** Verify that the polling rate is set to 8000Hz in the customization software.
- Interference:** Other wireless devices operating on the 2.4GHz band can cause interference. Try to minimize other wireless signals nearby.

Mouse Not Charging:

- Cable Connection:** Ensure the USB-C cable is firmly connected to both the mouse and the power source.
- Power Source:** Try a different USB port or wall adapter.
- Cable Integrity:** Inspect the coiled cable for any visible damage.

Unintended Double Clicks:

The R5 Ultra is equipped with flagship microswitches designed to eliminate double-click failures. If you experience this issue, ensure the mouse firmware is up to date via the customization software. If the problem persists, contact customer support.

6. SPECIFICATIONS

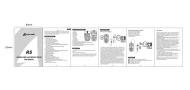
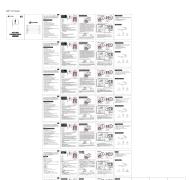
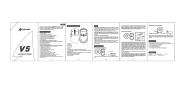
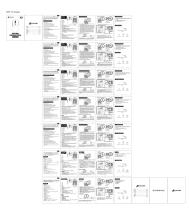
Feature	Detail
Brand	ATTACK SHARK
Model	R5 Ultra
Connectivity Technology	2.4Ghz Wireless, Bluetooth, USB-C Wired
Movement Detection Technology	Optical (PixArt PAW3950MAX)
Max DPI	42,000 DPI
Polling Rate	Up to 8000Hz (2.4G Wireless)
Microswitches	Flagship Microswitches (100M-click lifespan, 0.2ms actuation)
Number of Buttons	7
Weight	Approx. 39g (mouse only)
Dimensions (Package)	6.73 x 4.25 x 2.83 inches
Item Weight (Package)	11.7 ounces
Date First Available	March 12, 2025

7. SUPPORT

For any issues encountered during software installation, product usage, or for technical assistance, please reach out to ATTACK SHARK customer support. Dedicated assistance is available to ensure your optimal experience with the R5 Ultra mouse.

Please refer to the official ATTACK SHARK website or product packaging for contact information and warranty details.

Related Documents - R5 Ultra

	<p>Attack Shark R5 Carbon Fiber Lightweight Mouse User Manual</p> <p>User manual for the Attack Shark R5 Carbon Fiber Lightweight Mouse, detailing its features, connection methods (2.4G and wired), key functions, specifications, and precautions.</p>
	<p>Attack Shark X68PRO HE Gaming Mouse User Manual</p> <p>Official user manual for the Attack Shark X68PRO HE ultralight 39g carbon fiber gaming mouse, featuring 8K wireless gaming and PAW3950MAX sensor. Includes setup, features, and indicator light descriptions.</p>
	<p>Attack Shark X3 Superlight Gaming Mouse User Manual</p> <p>Comprehensive user manual for the Attack Shark X3 Superlight Gaming Mouse, detailing features, setup, and operation for wireless and wired gaming.</p>
	<p>ATTACK SHARK V5 Lightweight Mouse: User Guide and Specifications</p> <p>Comprehensive guide to the ATTACK SHARK V5 Lightweight Mouse, covering product features, connection methods (USB, 2.4G, Bluetooth), key functions, DPI settings, battery information, and technical specifications.</p>
	<p>ATTACK SHARK X3 Wireless Gaming Mouse User Manual</p> <p>Comprehensive user manual for the ATTACK SHARK X3 wireless gaming mouse. This guide provides detailed information on setup, features, specifications, software, and troubleshooting for the superlight 49g, 26K DPI gaming mouse.</p>
	<p>Guida agli indicatori del mouse da gioco Attack Shark R6</p> <p>Spiegazione dettagliata delle spie luminose per il mouse da gioco Attack Shark R6, coprendo lo stato di alimentazione, DPI, modalità e velocità di trasmissione.</p>

Documents - ATTACK SHARK – R5 Ultra



[ATTACK SHARK R5 Ultra Gaming Keyboard User Manual](#)

User guide for the ATTACK SHARK R5 Ultra, a 60% hot-swappable gaming keyboard with tri-mode wireless connectivity and PBT keycaps. Learn about setup, features, and customization.

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