ATTACK SHARK R11 Ultra

ATTACK SHARK R11 Ultra 8K Carbon Fiber Wireless Gaming Mouse User Manual

Model: R11 Ultra

1. INTRODUCTION

The ATTACK SHARK R11 Ultra is a high-performance wireless gaming mouse designed for precision and speed. Featuring an ultra-lightweight carbon fiber construction, tri-mode connectivity, and an advanced PAW3950 MAX sensor, this mouse offers versatile functionality for various computing environments and gaming styles.

Image 1.1: Overview of ATTACK SHARK R11 Ultra key features including carbon fiber construction, dual driver access, 8000Hz polling, ice-coating, 49g weight, and PAW3950 MAX sensor.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- ATTACK SHARK R11 Ultra Wireless Gaming Mouse
- 8K Wireless Receiver (USB-C)
- USB-C to USB-A Charging/Data Cable
- User Manual
- Additional PTFE Mouse Feet (optional, may vary by region)

3. PRODUCT OVERVIEW

The R11 Ultra mouse features a lightweight design with strategically placed buttons for optimal control.

Image 3.1: The ATTACK SHARK R11 Ultra mouse shown alongside its 8K wireless receiver.

3.1. Mouse Components

- **Left Click Button:** Primary input.
- **Right Click Button:** Secondary input.
- **Scroll Wheel:** For vertical scrolling and middle-click function. Features an F-Switch Scroll Wheel Encoder for tactile feedback.
- **Side Buttons (Forward/Backward):** Customizable for various functions.
- **DPI Cycle Button:** Located on the underside, cycles through preset DPI levels.

- **Connectivity Switch:** Located on the underside, switches between 2.4GHz wireless, Bluetooth, and wired modes.
- **USB-C Port:** For charging and wired connection.
- **PTFE Feet:** Low-friction feet for smooth gliding.

Image 3.2: Detailed view of the mouse's internal optical micro switches and the F-Switch scroll wheel encoder, designed for durability and tactile response.

3.2. Design Features

- **Carbon Fiber Construction:** The mouse shell is constructed with injection-molded carbon fiber material, contributing to its ultra-lightweight design (approximately 49g) while maintaining structural integrity.
- **Nano-Ice Coating:** An innovative coating provides a smooth, cool touch and enhances durability.
- **Double-Layer Mouse Feet:** Designed for smoother and more stable gliding compared to standard mouse feet.

Image 3.3: The ATTACK SHARK R11 Ultra mouse, emphasizing its carbon fiber construction and ultra-lightweight design of 49 grams.

NANO METALLIC ICE-COATING

Smooth, Cool Touch With Premium Durability

Versatile Grip Options

「Palm Grip」

「Finger Grip」

「Claw Grip」

Image 3.4: The mouse featuring its Nano Metallic Ice-Coating and illustrating various grip options: palm grip, finger grip, and claw grip.

Image 3.5: The underside of the mouse, highlighting the double-layer PTFE mouse feet designed for enhanced glide and stability.

4. Setup

4.1. Charging the Mouse

Connect the provided USB-C cable to the mouse's front port and the other end to a USB-A port on your computer or a USB power adapter. The mouse will charge automatically. An indicator light will show charging status.

4.2. Connectivity Options

The R11 Ultra supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth. Use the switch on the underside of the mouse to select your desired mode.

4.2.1. Wired Connection

1. Set the connectivity switch on the mouse to the 'Wired' position.
2. Connect the USB-C cable from the mouse to a USB-A port on your computer.
3. The mouse will be recognized automatically by your system.

4.2.2. 2.4GHz Wireless Connection

1. Set the connectivity switch on the mouse to the '2.4G' position.
2. Plug the 8K Wireless Receiver into an available USB-A port on your computer.
3. The mouse and receiver should pair automatically. The receiver supports an 8000Hz polling rate for reduced latency.

Image 4.1: The 8K wireless receiver, which enables an 8000Hz polling rate for the ATTACK SHARK R11 Ultra mouse.

4.2.3. Bluetooth Connection

1. Set the connectivity switch on the mouse to the 'BT' position.
2. On your computer or device, open Bluetooth settings and search for new devices.
3. Select 'ATTACK SHARK R11 Ultra' from the list of available devices to pair.

5. OPERATING INSTRUCTIONS

5.1. DPI Adjustment

The DPI (Dots Per Inch) can be adjusted using the dedicated DPI button located on the underside of the mouse. Press the button to cycle through preset DPI levels. Default levels typically include 1200, 2400, 3200, 5600, 8000, and 42000 DPI.

5.2. Polling Rate

The R11 Ultra supports an 8000Hz wireless polling rate and a 1000Hz wired polling rate. The polling rate can be configured via the customization software.
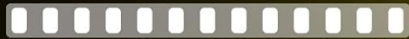
Image 5.1: The mouse demonstrating its 8000Hz wireless polling rate and 20000 FPS precision for accurate tracking.

5.3. Customization Software (AI Designed Driver)

The R11 Ultra features an innovative cloud-driven webpage for customization, eliminating the need for traditional driver software downloads. Access the webpage to:

- Adjust DPI settings and create custom profiles.
- Configure polling rate.
- Customize button assignments.
- Record and assign macros.
- Adjust Lift-Off Distance (LOD) and other advanced functions.

Refer to the official ATTACK SHARK website for the link to the cloud-driven customization page.
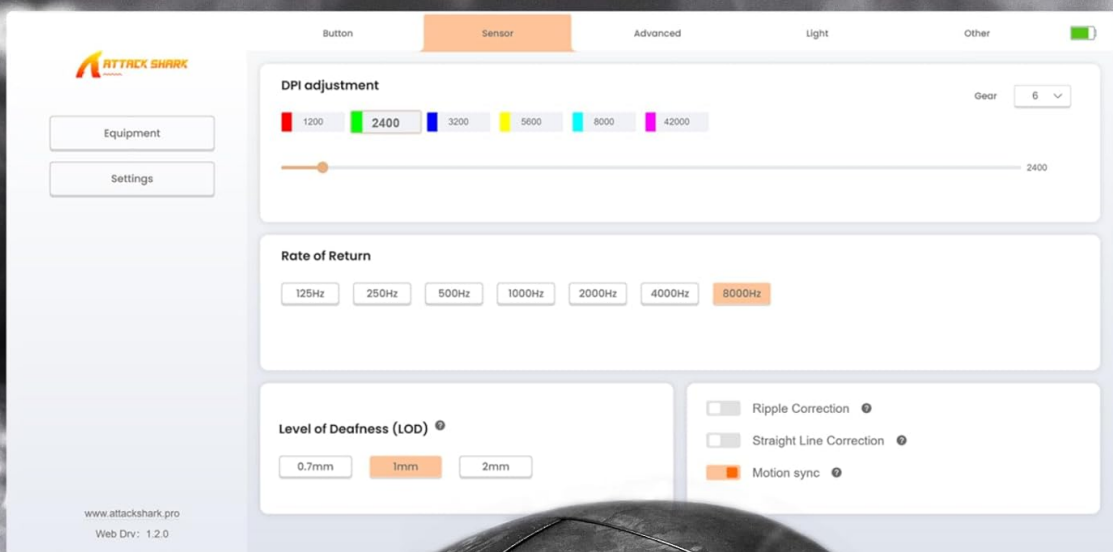
Image 5.2: A screenshot of the cloud-driven customization interface, showing options for DPI adjustment, polling rate, and other settings.

6. MAINTENANCE

6.1. Cleaning

To maintain optimal performance, regularly clean your mouse. Use a soft, dry cloth to wipe the surface. For stubborn dirt, a slightly damp cloth can be used, ensuring no moisture enters the mouse's internal components. Avoid harsh chemicals or abrasive materials.

6.2. Storage

When not in use, store the mouse in a clean, dry environment away from direct sunlight and extreme temperatures. If storing for an extended period, ensure the mouse is fully charged.

7. TROUBLESHOOTING

- **Mouse not responding:** Ensure the mouse is charged. Check the connectivity switch is in the correct position (Wired, 2.4G, or BT). For 2.4G, ensure the receiver is properly plugged in. For Bluetooth, re-pair the device.
- **Lag or intermittent connection:** For 2.4G wireless, ensure the receiver is not obstructed and is

close to the mouse. Avoid interference from other wireless devices. For Bluetooth, ensure your device's Bluetooth is enabled and updated.

- **Tracking issues:** Clean the mouse sensor on the underside. Ensure you are using the mouse on a suitable surface (e.g., a mouse pad). Adjust DPI settings if tracking is too fast or slow.

- **Buttons not working:** Check customization settings in the cloud-driven software to ensure buttons are correctly assigned.

If issues persist, refer to the official ATTACK SHARK support resources or contact customer service.

8. SPECIFICATIONS

Detailed technical specifications for the ATTACK SHARK R11 Ultra mouse:

Feature	Specification
Model	R11 Ultra
Connectivity	Wired (USB-C), Bluetooth, 2.4GHz Wireless
Sensor	PixArt PAW3950 MAX
MCU	Nordic 52840
DPI Range	Up to 42,000 DPI (Programmable)
Polling Rate	8000Hz (Wireless), 1000Hz (Wired)
Tracking Speed	750 IPS
Acceleration	50G
Switches	Optical Micro Switches (70 Million Clicks)
Weight	Approximately 49g ± 3g
Battery Capacity	300mAh
Dimensions	124 x 65.5 x 38 mm

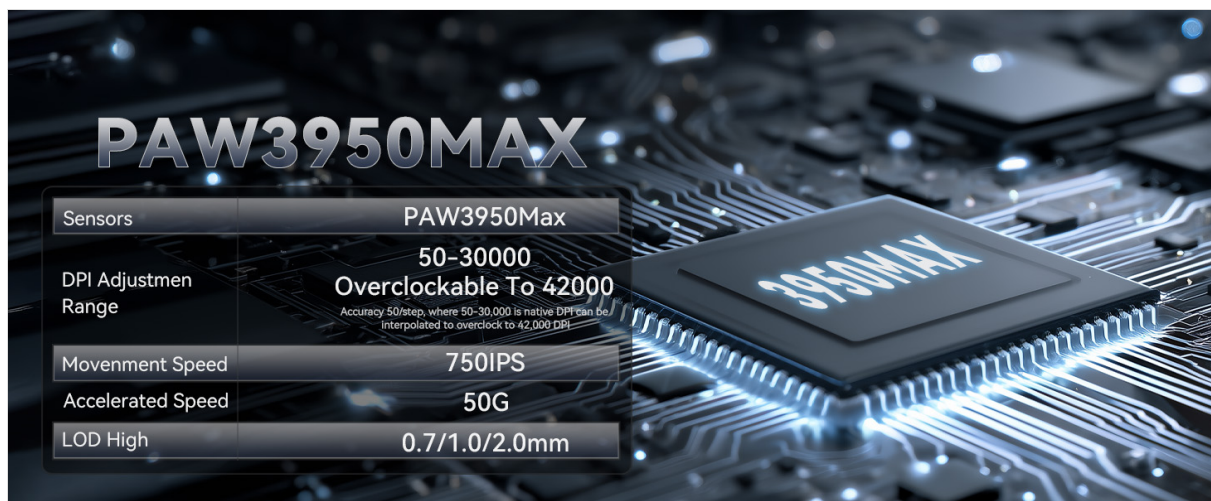Image 8.1: A comprehensive table detailing the specifications of the R11 Ultra mouse.

Image 8.2: Detailed information about the PixArt PAW3950 MAX sensor, including DPI adjustment range, movement speed, and acceleration.
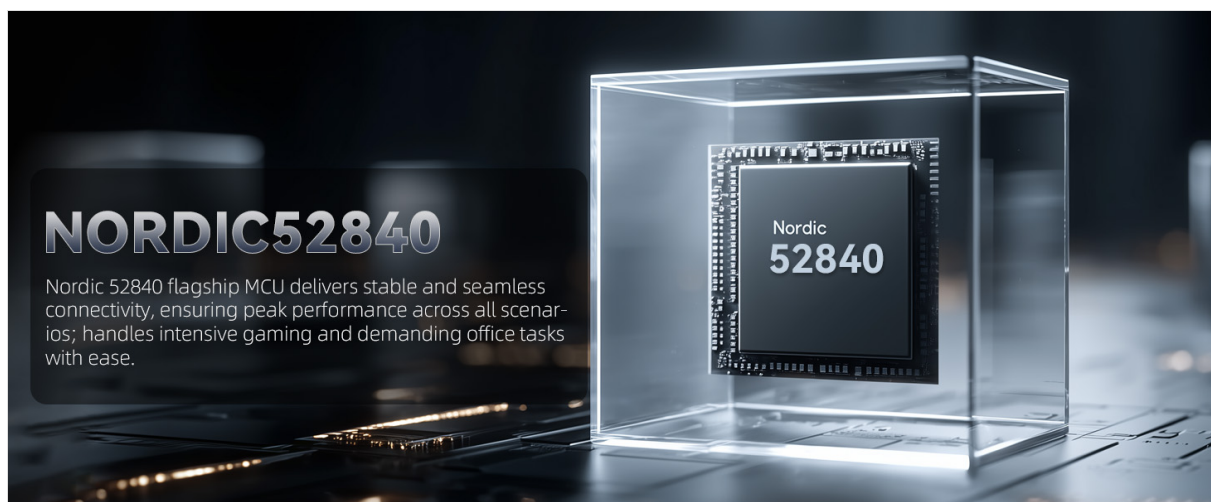

Image 8.3: A visual representation of the Nordic 52840 MCU chip, which provides stable and seamless connectivity.

9. WARRANTY AND SUPPORT

The ATTACK SHARK R11 Ultra mouse comes with a standard manufacturer's warranty. For specific warranty terms, duration, and support inquiries, please refer to the warranty card included in your package or visit the official ATTACK SHARK website. For technical assistance or troubleshooting beyond this manual, please contact ATTACK SHARK customer support.

Related Documents - R11 Ultra

	Attack Shark R5 Carbon Fiber Lightweight Mouse User Manual 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.
	ATTACK SHARK V5 Lightweight Mouse: User Guide and Specifications 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.

	ATTACK SHARK X8 PRO Lightweight Mouse User Manual
	User manual for the ATTACK SHARK X8 PRO tri-mode wireless gaming mouse. Features include product introduction, key functions, detailed connection guides for 2.4G and Bluetooth, technical specifications, precautions, and packing list.
	ATTACK SHARK R6 Wireless Gaming Mouse Indicator Guide
	User guide for the ATTACK SHARK R6 Wireless Gaming Mouse, detailing the functions of its indicator lights for power status, DPI levels, connection modes (2.4G, Bluetooth), and report rate settings.
	Attack Shark G3 Tri-mode Wireless Gaming Mouse User Manual
	Official user manual for the Attack Shark G3 Tri-mode Wireless Gaming Mouse, detailing its features, connectivity options (2.4G, Bluetooth), DPI settings, and usage instructions.
	Attack Shark X1 Lightweight Mouse User Manual
	User manual for the Attack Shark X1 lightweight gaming mouse, detailing its features, button functions, connectivity, and software for optimal performance.