ATTACK SHARK X8 Ultra

ATTACK SHARK X8 Ultra Wireless Gaming Mouse User Manual

Model: X8 Ultra

Introduction	Package Contents	Mouse Layout	Setup	Operating Instructions
Maintenance	Troubleshooting	Specifications		Warranty & Support

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ATTACK SHARK X8 Ultra Wireless Gaming Mouse. Designed for high-performance gaming, the X8 Ultra features a lightweight design, multiple connectivity options, and advanced sensor technology.

Image 1.1: Top view of the ATTACK SHARK X8 Ultra Wireless Gaming Mouse.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ATTACK SHARK X8 Ultra Wireless Gaming Mouse
- 8K USB-C Receiver
- USB-A to USB-C Charging Cable (Paracord)

- Replacement Mouse Feet Skates
- Grip Tape
- User Manual (this document)

3. Mouse Layout and Features

Familiarize yourself with the key components and features of your X8 Ultra mouse.

Image 3.1: Overview of the X8 Ultra's internal components and external features.

- **Left/Right Click Buttons:** Equipped with Omron micro switches for tactile feedback and durability.
- **Scroll Wheel:** Provides smooth scrolling with subtle tactile bumps.
- **Side Buttons:** Programmable buttons located on the left side for additional functions.
- **DPI Button:** Located on the underside of the mouse, allows cycling through preset DPI levels.
- **Connectivity Switch:** Located on the underside, allows switching between 2.4GHz wireless, Bluetooth, and wired modes.
- **PAW3950MAX Sensor:** High-precision optical sensor for accurate tracking.
- **Nordic 52840 MCU:** Advanced microcontroller for efficient performance and low latency.
- **Nano-Ice Coating:** Surface treatment designed to keep grip cool during extended use.

4. Setup Guide

4.1 Charging the Mouse

1. Connect the USB-C end of the charging cable to the mouse.
2. Connect the USB-A end of the charging cable to an available USB port on your computer or a USB wall adapter.
3. The mouse LED indicator will show charging status. A full charge provides up to 300 hours of intermittent use.

4.2 Connecting the Mouse

The X8 Ultra supports three connection modes: 2.4GHz Wireless, Bluetooth, and Wired USB.

2.4GHz Wireless Mode:

1. Locate the 8K USB-C receiver.
2. Plug the receiver into an available USB port on your computer.

3. Set the connectivity switch on the underside of the mouse to the "2.4G" position.

4. The mouse should automatically connect.

Image 4.1: The 8K USB-C receiver for 2.4GHz wireless connection.

Bluetooth Mode:

1. Set the connectivity switch on the underside of the mouse to the "BT" position.

2. On your computer, open Bluetooth settings and search for new devices.

3. Select "ATTACK SHARK X8 Ultra" from the list of available devices to pair.

Wired USB Mode:

1. Connect the USB-C end of the charging cable to the mouse.

2. Connect the USB-A end of the charging cable to an available USB port on your computer.

3. Set the connectivity switch on the underside of the mouse to the "Wired" position.

4. The mouse will function as a wired device and charge simultaneously.

5. OPERATING INSTRUCTIONS

5.1 DPI Adjustment

The X8 Ultra features a PixArt PAW3950MAX sensor with adjustable DPI from 50 to 42,000. To change DPI settings:

- Press the DPI button on the underside of the mouse to cycle through preset DPI levels.
- The LED indicator on the mouse will change color to indicate the current DPI setting.

Image 5.1: The PixArt PAW3950MAX sensor for precise tracking.

5.2 Cloud Driver Software

For advanced customization, including DPI adjustment, polling rate, button remapping, macro recording, and competitive mode settings, use the web-based Cloud Driver software.

1. Ensure your mouse is connected to your computer (preferably via 2.4GHz wireless or wired mode for full functionality).
2. Open your web browser and navigate to the official ATTACK SHARK website (e.g., www.attackshark.pro).
3. Locate the Cloud Driver section for the X8 Ultra model.
4. Follow the on-screen instructions to customize your mouse settings. Settings are saved directly to the mouse's memory.

5.3 Polling Rate

The X8 Ultra supports an 8KHz wireless polling rate for ultra-low latency and faster response. In wired mode, it operates at 1KHz. The polling rate can be adjusted via the Cloud Driver software.

TECHNICAL SPECIFICATIONS

Model	X8SE	X8PLUS	X8PRO	X8ULTRA
Sensor	PAW3311	PAW3395PRO		PAW3950MAX
DPI	25000	40000		42000
Movement Speed	400IPS	700IPS		750IPS
Accelerated Speed	40G	60G		
Button Lifespan	80 Million	100 Million		
Micro Switch	Huano Switch		Omron Switch	
Polling Rate	1000		Wireless 8000 / Wired 1000	
MCU		BK52820		Nordic52840
Connection	Wired/2.4G/BT			
Size	125.5x63x40mm			
Weight	55G			

Image 5.3: Explanation of 8K Polling Rate technology.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, dry cloth to wipe the surface of the mouse.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution.
- Avoid using harsh chemicals or abrasive materials that could damage the mouse's finish or sensor.
- Regularly clean the optical sensor area on the underside of the mouse with a cotton swab to ensure optimal tracking performance.

6.2 Battery Care

- To prolong battery life, avoid fully discharging the mouse frequently.
- Store the mouse in a cool, dry place when not in use for extended periods.
- If the mouse will not be used for a long time, charge it to about 50% before storage.

6.3 Replacing Mouse Feet Skates

The package includes replacement PTFE mouse feet skates for maintaining smooth glide. When the existing skates show significant wear:

1. Carefully peel off the old mouse feet using a thin tool.
2. Clean the surface where the skates were attached to remove any adhesive residue.
3. Peel the backing from the new skates and carefully apply them to the corresponding areas on the mouse's underside.
4. Press firmly to ensure proper adhesion.

Image 6.1: PTFE anti-slip footpads for smooth mouse movement.

7. TROUBLESHOOTING

Problem	Possible Solution
Mouse not responding in wireless mode.	- Ensure the mouse is charged. - Verify the connectivity switch is set to "2.4G" or "BT". - For 2.4GHz, ensure the receiver is securely plugged into a USB port. - For Bluetooth, ensure Bluetooth is enabled on your computer and the mouse is paired. - Try connecting the mouse via wired USB to check if it functions.
Lag or intermittent connection.	- Reduce distance between mouse and receiver/computer. - Remove potential sources of interference (e.g., other wireless devices, large metal objects). - Ensure the mouse is fully charged. - Update mouse firmware via the Cloud Driver software.
Inaccurate tracking.	- Clean the optical sensor on the underside of the mouse. - Ensure you are using the mouse on a suitable surface (e.g., a mouse pad). - Adjust DPI settings via the DPI button or Cloud Driver. - Check if mouse feet are worn and replace if necessary.
Cloud Driver software not detecting mouse.	- Ensure the mouse is connected via 2.4GHz wireless (with receiver) or wired USB. Bluetooth connection may not be fully supported for configuration. - Try a different USB port for the receiver/cable. - Restart your web browser.

8. SPECIFICATIONS

Key technical specifications for the ATTACK SHARK X8 Ultra Wireless Gaming Mouse:

Image 8.1: Detailed technical specifications for the X8 Ultra and other X8 series models.

Feature	Detail
Model	X8 Ultra
Sensor	PixArt PAW3950MAX
DPI Range	50 - 42,000 DPI
Movement Speed	750 IPS
Acceleration	60G

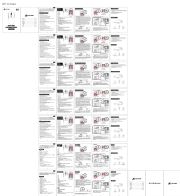| Feature	Detail
Button Lifespan	100 Million Clicks
Micro Switch	Omron Switch
Polling Rate	Wireless 8000Hz / Wired 1000Hz
MCU	Nordic 52840
Connectivity	Wired / 2.4GHz Wireless / Bluetooth
Weight	55g
Battery Capacity	500 mAh
Dimensions	Approximately 125.5 x 63 x 40 mm (4.96 x 2.5 x 1.6 inches)

9. WARRANTY AND SUPPORT

ATTACK SHARK products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the official ATTACK SHARK website or contact their customer service directly.

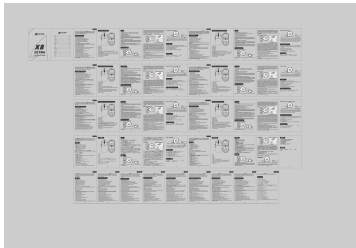Official Website: www.attackshark.pro

Brand Store: ATTACK SHARK Amazon Store

Please retain your proof of purchase for warranty claims.

Related Documents - X8 Ultra

	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 X3 Superlight Gaming Mouse User Manual Comprehensive user manual for the Attack Shark X3 Superlight Gaming Mouse, detailing features, setup, and operation for wireless and wired gaming.
	Attack Shark X11 Wireless Gaming Mouse User Manual - 2.4G, Bluetooth, RGB Official user manual for the Attack Shark X11 wireless gaming mouse. Features include PAW3311 sensor, 12000 DPI, dual-mode connectivity (2.4G and Bluetooth), and RGB lighting. Includes setup, usage, specifications, and troubleshooting.

	[ATTACK SHARK X3PRO Gaming Mouse User Manual](#) Official user manual for the ATTACK SHARK X3PRO ultra-light gaming mouse, featuring 8K polling rate. Learn about setup, specifications, features, software customization, and troubleshooting.
	[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 R3 Gaming Mouse User Manual and Specifications](#) Official user manual for the Attack Shark R3 ultra-light gaming mouse. Learn about package contents, setup, software, specifications, and troubleshooting for your R3 mouse.

Documents - ATTACK SHARK – X8 Ultra

[Attack Shark X8 Ultra Wireless Gaming Mouse User Manual](#)
Comprehensive user manual for the Attack Shark X8 Ultra wireless gaming mouse, detailing setup, features, and usage instructions.
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