ATTACK SHARK X68PRO HE, X3

ATTACK SHARK X68PRO HE Keyboard and X3 Mouse Combo User Manual

Your guide to setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the ATTACK SHARK X68PRO HE Mechanical Wireless Gaming Keyboard and the ATTACK SHARK X3 Wireless Gaming Mouse Combo. Please read this manual carefully before using the products to ensure proper functionality and to maximize your gaming experience.

2. PRODUCT OVERVIEW

2.1 ATTACK SHARK X68PRO HE Keyboard

The X68PRO HE is a 60% layout mechanical gaming keyboard featuring Hall Effect magnetic switches, an 8000Hz polling rate, and multi-mode connectivity. It is designed for high-performance gaming with adjustable actuation and rapid trigger capabilities.

Image: ATTACK SHARK X68PRO HE Keyboard. This image displays the keyboard's overall design, highlighting its BT/2.4G/Wired 3 modes connection, magnetic switches, 0.01mm RT accuracy, DKS support, full RGB backlit, PBT keycaps, MAC/WIN compatibility, and web driver. Dimensions are shown as 12.80 inches length, 4.645 inches width, 1.57 inches height, and a weight of 0.78 KG.

Key Features:

- **8000Hz Polling Rate:** Ensures ultra-low 0.125ms latency in wired mode for instant keystroke registration.
- **Hall Effect Magnetic Switches:** Self-developed switches with adjustable actuation from 0.1mm to 3.4mm, offering 0.01mm sensitivity.
- **Rapid Trigger:** Eliminates debounce delay, allowing keys to reset instantly for faster, more precise movements.
- **Dual-Action Key Function:** Assign two different actions to a single key based on pressure.
- **Compact 60% Layout:** Space-saving design with an aircraft-grade anodized aluminum frame.
- **Connectivity:** Supports Bluetooth, 2.4GHz wireless, and wired (USB-C) connections.
- **RGB Backlighting:** Full RGB with multiple lighting effects.
- **PBT Keycaps:** Durable, side-engraved PBT keycaps.
- **Web Driver:** Customizable settings via a dedicated web driver.

Image: Keyboard highlighting 8000Hz Polling Rate. This image emphasizes the keyboard's lightning-fast response with an 8000Hz polling rate in wired mode and ultra-low 0.125ms latency.

LINEAR MAGNETIC SWITCH

Supports Hot-Swappable Switches, and Ultra-Fast Response.

Total Travel: 3.8±0.3mm

Operation Force: 40±5gf

Initial Magnetic Flux: 95±15GS
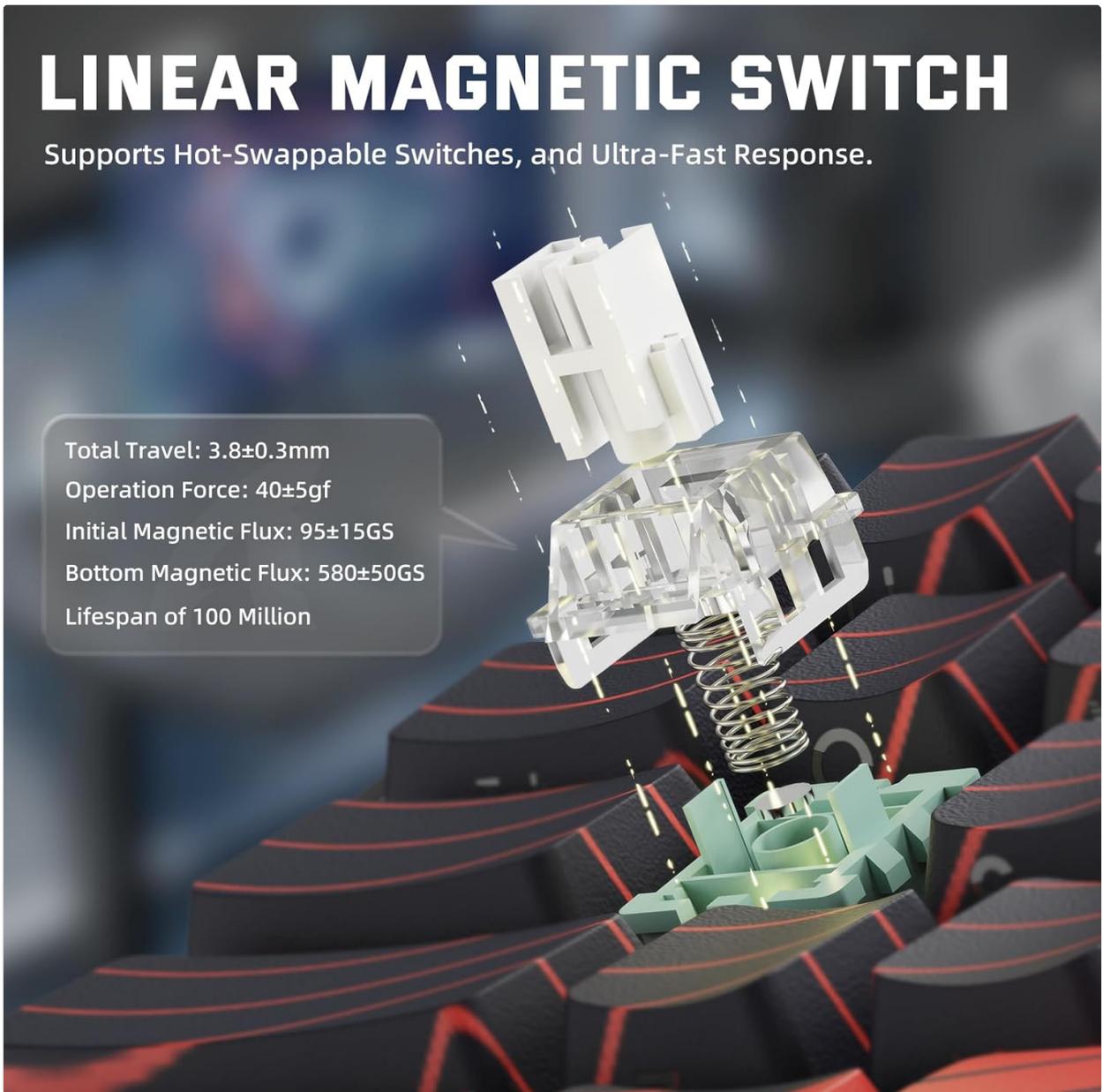
Bottom Magnetic Flux: 580±50GS

Lifespan of 100 Million

Image: Linear Magnetic Switch. This image provides a close-up of the linear magnetic switch, detailing its specifications: Total Travel 3.8±0.3mm, Operation Force 40±5gf, Initial Magnetic Flux 95±15GS, Bottom Magnetic Flux 580±50GS, and a Lifespan of 100 Million clicks.
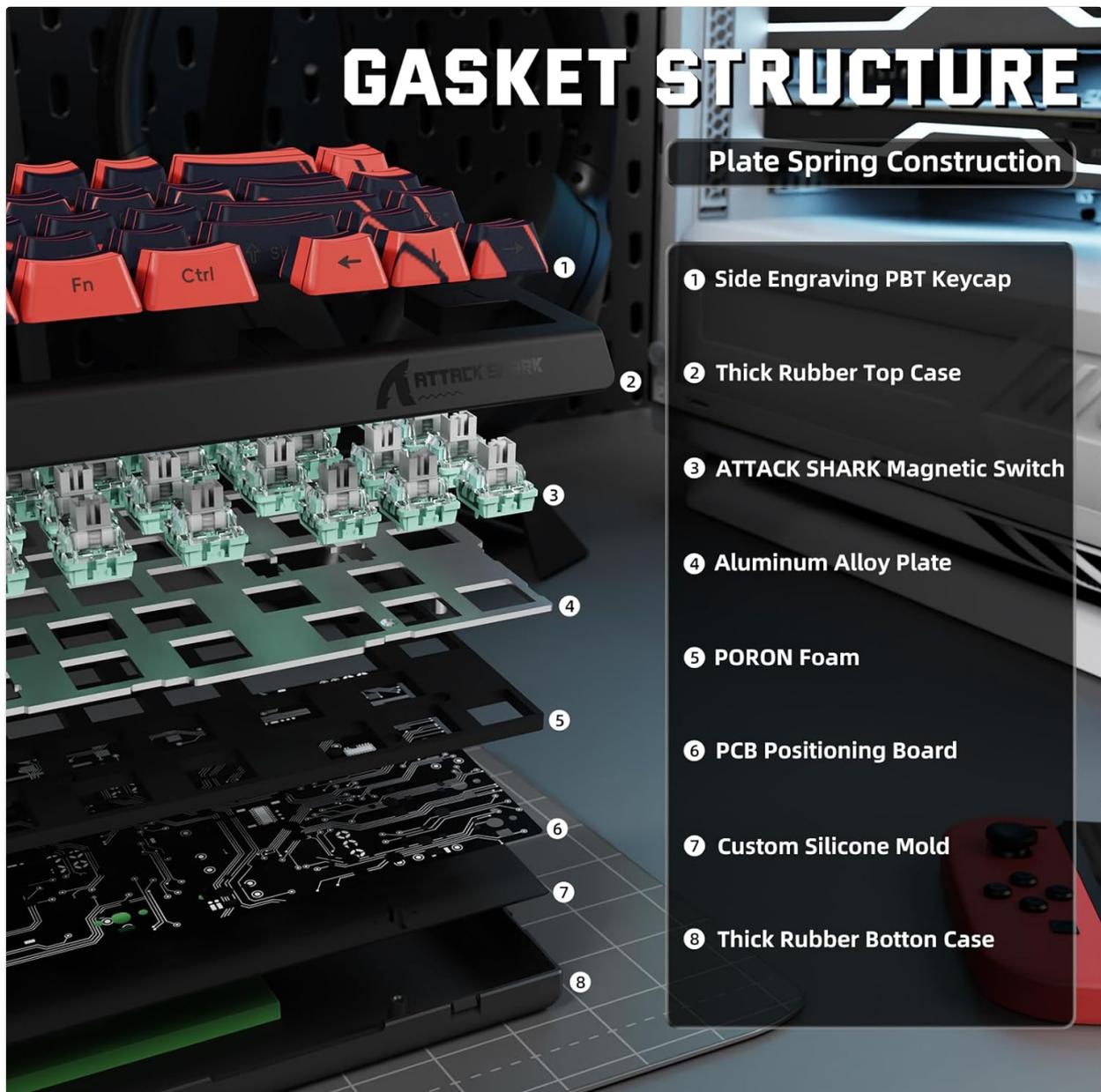
Image: Gasket Structure. This diagram illustrates the internal gasket structure of the keyboard, showing components such as side engraving PBT keycaps, thick rubber top case, ATTACK SHARK magnetic switch, aluminum alloy plate, PORON foam, PCB positioning board, custom silicone mold, and thick rubber bottom case.

2.2 ATTACK SHARK X3 Mouse

The X3 is an ultra-lightweight wireless gaming mouse equipped with a Pixart PAW3395 optical sensor and Kailh GM8.0 switches. It offers tri-mode connectivity and high DPI settings for precise control.

Image: ATTACK SHARK X3 Mouse. This image presents the X3 mouse in red, along with its USB receiver, highlighting its ultra-lightweight design, tri-mode connectivity, PixArt PAW 3395 sensor, up to 26000 DPI, and Kailh GM 8.0 switches.

Key Features:

- **Pixart PAW3395 Sensor:** Flagship optical sensor with 6-level adjustable DPI (800/1600/2400/3200/5000/26000), 650 IPS tracking speed, 1000Hz response speed, and 50G acceleration.
- **Kailh GM8.0 Switches:** High-end micro switches with an 80 million click lifespan, providing crisp clicks and fast rebound.
- **TTC Encoder:** Scroll wheel encoder for precise positioning.
- **Ultra-Lightweight Design:** Weighs approximately 49g for effortless action.
- **Tri-mode Connectivity:** Supports 2.4GHz wireless, Bluetooth 5.0, and wired (USB-C) connections.
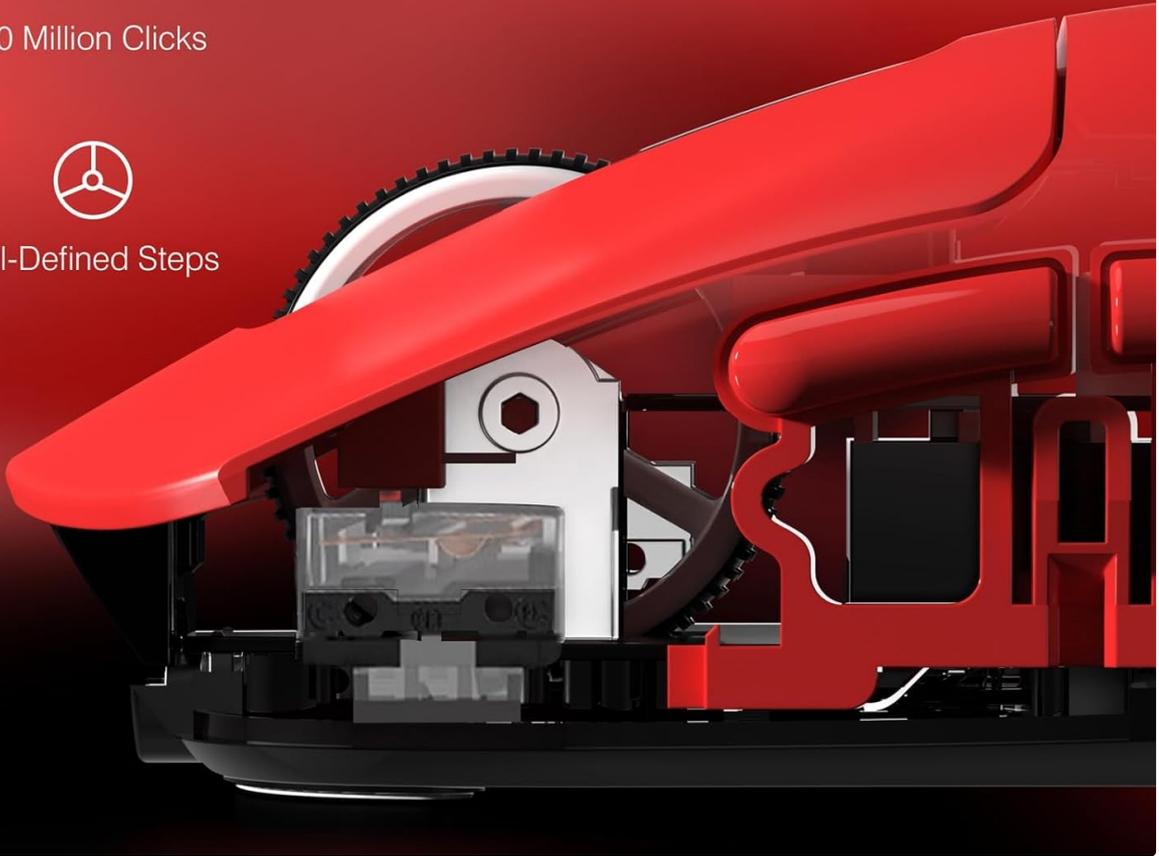
Image: Kailh GM 8.0 Switches & TTC Encoder. This image shows a cutaway view of the mouse, highlighting the Kailh GM 8.0 switches with an 80 million click lifespan and the TTC encoder for well-defined scroll steps, designed to eliminate unintended double clicks.

Image: Ultra-Light Design. This image illustrates the lightweight nature of the X3 mouse, stating it weighs only 49±4g (1.72oz).

Image: Flashspeed Connectivity. This image shows the bottom of the X3 mouse, detailing its connectivity options: a switch for 2.4G, OFF, and BT modes, and a mode indicator light. It also describes Performance Mode (2.4GHz for blazing-fast speed), Efficiency Mode (Bluetooth 5.0 for longer battery life), and Wired USB-C Mode (play while charging).

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard (X68PRO HE)

1. **Wired Mode:** Connect the provided USB-C cable from the keyboard to an available USB port on your computer. The keyboard will be recognized automatically.

2. **2.4GHz Wireless Mode:**

   - Locate the 2.4GHz USB receiver.
   - Plug the receiver into an available USB port on your computer.
   - On the keyboard, switch the mode selector to '2.4G'. The keyboard should connect automatically.

3. **Bluetooth Mode:**

   - Switch the keyboard's mode selector to 'BT'.
   - On your computer or device, enable Bluetooth and search for new devices.

- Select 'ATTACK SHARK X68PRO HE' from the list of available devices to pair.

3.2 Connecting the Mouse (X3)

1. **Wired Mode:** Connect the provided USB-C cable from the mouse to an available USB port on your computer. The mouse will function immediately and charge simultaneously.

2. **2.4GHz Wireless Mode:**

   - Locate the 2.4GHz USB receiver (usually stored in a compartment on the mouse's underside).
   - Plug the receiver into an available USB port on your computer.
   - On the mouse's underside, switch the mode selector to '2.4G'. The mouse should connect automatically.

3. **Bluetooth Mode:**

   - On the mouse's underside, switch the mode selector to 'BT'.
   - On your computer or device, enable Bluetooth and search for new devices.
   - Select 'ATTACK SHARK X3' from the list of available devices to pair.

3.3 Driver Installation

For advanced customization of both the keyboard and mouse, download the official web driver from the ATTACK SHARK website. This driver allows for actuation adjustment, key remapping, macro creation, and RGB lighting control.

4. OPERATING INSTRUCTIONS

4.1 Keyboard Operation (X68PRO HE)

- **Actuation Adjustment:** Use the web driver software to precisely adjust the actuation point of each magnetic switch from 0.1mm to 3.4mm with 0.01mm sensitivity.

- **Rapid Trigger:** This feature is enabled and configured via the web driver. It allows keys to register a reset immediately upon release, without needing to return to the full up position.

- **Dual-Action Key Function:** Configure this feature through the web driver. Assign a primary action for a light press and a secondary action for a deeper press on the same key.

- **RGB Lighting Control:** Adjust lighting effects, brightness, and color patterns using the web driver or specific keyboard shortcuts (refer to the driver software for default key combinations).

- **Mode Switching:** Use the physical switch on the keyboard to toggle between Wired, 2.4G, and Bluetooth modes.

- **MAC/WIN Compatibility:** The keyboard supports both operating systems. Use the web driver to switch layouts or specific key functions if needed.

4.2 Mouse Operation (X3)

- **DPI Adjustment:** The mouse features 6 adjustable DPI levels (800/1600/2400/3200/5000/26000). Use the dedicated DPI button (usually located behind the scroll wheel) to cycle through these settings. The current DPI level may be indicated by an LED color or pattern.

- **Mode Switching:** Use the physical switch on the underside of the mouse to select between 2.4G, OFF, and Bluetooth modes.

- **Charging:** Connect the mouse to your computer using the USB-C cable to charge. The mouse can be

used in wired mode while charging.

- **Battery Indicator:** The mouse typically has an LED indicator that shows battery status (e.g., blinking for low battery, solid for charging, off for full charge).

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard and mouse. For deeper cleaning, use a cotton swab lightly dampened with isopropyl alcohol for hard-to-reach areas. Avoid excessive moisture.

- **Keycap Removal (Keyboard):** Keycaps can be carefully removed using a keycap puller for cleaning or replacement. Be gentle to avoid damaging the switches.

- **Battery Care:** For wireless devices, avoid fully discharging the battery frequently. Charge regularly. If storing for an extended period, charge the battery to about 50% to prolong its lifespan.

- **Storage:** Store the devices in a cool, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

6.1 Keyboard Troubleshooting

- **Keyboard not responding:**

  - Ensure the keyboard is charged if in wireless mode.
  - Check the mode switch (Wired/2.4G/BT) is set correctly.
  - For 2.4G, ensure the USB receiver is securely plugged in.
  - For Bluetooth, ensure it's paired correctly and your device's Bluetooth is active. Try re-pairing.
  - Try connecting in wired mode to rule out wireless issues.

- **Keys not registering or double-typing:**

  - Check for debris under the keycap.
  - If using Rapid Trigger, ensure settings in the web driver are appropriate for your use.
  - Consider resetting keyboard settings via the web driver.

- **RGB lighting not working:**

  - Ensure lighting is enabled in the web driver.
  - Check brightness settings.

6.2 Mouse Troubleshooting

- **Mouse not moving or erratic cursor:**

  - Ensure the mouse is charged if in wireless mode.
  - Check the mode switch (2.4G/BT) is set correctly.
  - For 2.4G, ensure the USB receiver is securely plugged in.
  - For Bluetooth, ensure it's paired correctly and your device's Bluetooth is active. Try re-pairing.
  - Clean the optical sensor on the underside of the mouse.
  - Try connecting in wired mode.

- **DPI not changing:**

- Ensure the DPI button is functioning.
- Check if any software is overriding DPI settings.

- **Connectivity issues:**

  - Ensure the mouse is within range of the receiver/Bluetooth device.
  - Avoid interference from other wireless devices.

7. SPECIFICATIONS

7.1 ATTACK SHARK X68PRO HE Keyboard

- **Polling Rate:** 8000Hz (Wired Mode)
- **Latency:** 0.125ms
- **Switches:** Hall Effect Magnetic Switches
- **Actuation Adjustment:** 0.1mm - 3.4mm (0.01mm sensitivity)
- **Layout:** 60%
- **Frame Material:** Aircraft-grade Anodized Aluminum
- **Keycaps:** Side-Engraved PBT
- **Connectivity:** Bluetooth, 2.4GHz Wireless, USB-C Wired
- **Backlighting:** Full RGB
- **Operating System Compatibility:** Windows, macOS
- **Dimensions:** Approximately 12.80 x 4.645 x 1.57 inches
- **Weight:** Approximately 0.78 KG

7.2 ATTACK SHARK X3 Mouse

- **Sensor:** Pixart PAW3395 Optical Sensor
- **DPI:** 800/1600/2400/3200/5000/26000 (Adjustable)
- **Tracking Speed:** 650 IPS
- **Response Speed:** 1000Hz
- **Acceleration:** 50G
- **Switches:** Kailh GM8.0 Micro Switches (80 Million Clicks Lifespan)
- **Encoder:** TTC Scroll Wheel Encoder
- **Weight:** Approximately 49g
- **Connectivity:** Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
- **Operating System Compatibility:** Windows, macOS, Linux

8. WARRANTY AND SUPPORT

ATTACK SHARK products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official ATTACK SHARK website for detailed warranty terms and conditions. For technical support, driver downloads, or further assistance, please visit the ATTACK SHARK support page or contact their customer service.

Official Website: www.attackshark.com (Example link, please verify actual website)