ATTACK SHARK X11 & X68 PRO HE

ATTACK SHARK X11 & X68 PRO HE Wireless Gaming Combo Instruction Manual

Model: X11 & X68 PRO HE

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your ATTACK SHARK X11 & X68 PRO HE Wireless Gaming Combo. This high-performance combo includes a Hall Effect magnetic switch keyboard and an ultra-light optical sensor mouse, both designed for precision and speed in gaming and productivity. Please read this manual thoroughly to ensure optimal performance and longevity of your devices.

Image 1.1: The ATTACK SHARK X11 & X68 PRO HE Wireless Gaming Combo, featuring a white 60% keyboard, a white ultra-light mouse, and a coiled USB-C cable.

2. PACKAGE CONTENTS

Before proceeding with setup, please verify that all items listed below are present in your package:

- ATTACK SHARK X68 PRO HE Hall Effect Magnetic Switch Keyboard
- ATTACK SHARK X11 Ultra-Light Optical Sensor Mouse
- Coiled USB-C Cable
- USB-A to USB-C Cable (for mouse charging/wired mode)
- Magnetic RGB Charging Dock (for mouse)
- Keycap Puller
- Switch Puller
- Spare Key Switches
- User Manual (this document)

3. SETUP

3.1 Keyboard Setup

The X68 PRO HE keyboard supports three connectivity modes: Bluetooth, 2.4GHz Wireless, and USB-C Wired.

Image 3.1: Diagram illustrating the three connectivity modes (Bluetooth, 2.4GHz Wireless, USB-C Wired) for the X68 PRO HE keyboard.

3.1.1 USB-C Wired Connection

1. Connect the coiled USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the cable to an available USB port on your computer.
3. Ensure the mode switch on the keyboard is set to 'Wired' or 'USB-C'. The keyboard will be plug-and-play with an 8000Hz polling rate.

3.1.2 2.4GHz Wireless Connection

1. Locate the 2.4G wireless receiver (dongle) usually stored in a compartment on the keyboard or mouse charging dock.
2. Plug the 2.4G receiver into an available USB port on your computer.
3. Set the mode switch on the keyboard to '2.4G'.
4. Press **FN + R** on the keyboard to connect. The keyboard will operate with a 1000Hz polling rate.

3.1.3 Bluetooth Connection

1. Set the mode switch on the keyboard to 'BT'.
2. Press and hold **FN + Q**, **FN + W**, or **FN + E** to enter pairing mode for one of the three available Bluetooth channels. The indicator light will flash rapidly.
3. On your computer or device, search for Bluetooth devices and select 'ATTACK SHARK X68 PRO HE' to pair.
4. Once paired, the indicator light will stop flashing. You can switch between paired devices using **FN + Q/W/E**.

3.2 Mouse Setup

The X11 mouse also supports three connectivity modes: 2.4GHz Wireless, Bluetooth, and USB-C Wired.

Image 3.2: The ATTACK SHARK X11 mouse demonstrating its tri-mode switching capabilities for Bluetooth, 2.4G wireless, and wired USB-C connections.

3.2.1 USB-C Wired Connection

1. Connect the USB-A to USB-C cable directly to the mouse's USB-C port.
2. Connect the USB-A end to your computer. The mouse will function in wired mode and charge simultaneously.

3.2.2 2.4GHz Wireless Connection

1. Plug the 2.4G wireless receiver (dongle) into an available USB port on your computer. The dongle can be found in the mouse charging dock.
2. Turn on the mouse using the switch on its underside and select the '2.4G' mode. The mouse will automatically connect.

3.2.3 Bluetooth Connection

1. Turn on the mouse using the switch on its underside and select the 'BT' mode.
2. Press and hold the mode switch button on the mouse for 3 seconds to enter pairing mode.
3. On your computer or device, search for Bluetooth devices and select 'ATTACK SHARK X11' to pair.

3.3 Charging the Mouse

The X11 mouse can be charged via its magnetic RGB charging dock or directly via USB-C cable.

Image 3.3: The ATTACK SHARK X11 mouse magnetically attached to its RGB charging dock, showcasing convenient and easy-access charging.

3.3.1 Using the Magnetic Charging Dock

1. Connect the USB-A to USB-C cable to the charging dock and then to your computer or a USB power adapter.
2. Gently place the X11 mouse onto the charging dock. The magnetic connection will secure it, and the RGB lighting on the dock will indicate charging status.
3. A full charge takes approximately 1.5 hours and provides up to 40 hours of use.

3.3.2 Direct USB-C Charging

1. Connect the USB-A to USB-C cable directly to the mouse's USB-C port and to your computer or a USB power adapter.

4. Operating the Keyboard (ATTACK SHARK X68 PRO HE)

4.1 Key Features

- **Hall Effect Magnetic Switches:** Offers 0.01mm precision with adjustable actuation from 0.1-3.2mm.

- **Rapid Trigger Performance:** Detects finger movements at 128,000 scans/sec for instant response.
- **Dynamic Key Response (DKR):** Allows dual commands per key based on press depth.
- **Hot-Swappable Sockets:** Compatible with 3rd-party switches for customization without soldering.
- **PBT Keycaps:** Durable and resistant to shine from prolonged use.
- **8000Hz Polling Rate:** Achieves 0.125ms response time in wired mode.
- **4000mAh Battery:** Provides up to 200 hours of use with RGB off.

Image 4.1: Overview of the ATTACK SHARK X68 PRO HE Rapid Trigger Gaming Keyboard, highlighting its magnetic switches, PBT keycaps, and web driver support.

4.2 RGB Backlighting

The X68 PRO HE keyboard features 16.8 million RGB color options and multiple lighting effects. These can be customized via the web driver.

Image 4.2: The ATTACK SHARK X68 PRO HE keyboard displaying its ultimate 16 million RGB backlight with charming color and bright RGB modes.

4.3 Rapid Trigger Performance

The Rapid Trigger feature allows for adjustable actuation points from 0.1mm to 3.4mm, providing precise control for gaming. Dynamic Key Response (DKR) technology enables different actions based on how deep a key is pressed.

Image 4.3: Comparison of regular gaming keyboards with fixed active/reset points versus the ATTACK SHARK X68 PRO HE Magnetic Gaming Keyboard with adjustable dynamic active/reset points for rapid trigger performance.

4.4 Web Driver Customization

The X68 PRO HE is fully programmable via the QMK.TOP web driver. This allows users to remap keys, set macros, customize actuation points, and fine-tune RGB effects without software installation.

Image 4.4: Screenshot of the advanced customization drive for the ATTACK SHARK X68 PRO HE keyboard, showing options for key settings, DKS, MT, TGL, SOCD, RGB lighting, and macros.

Video 4.1: Official product video demonstrating the ATTACK SHARK X68 HE RT Mechanical Gaming Keyboard, showcasing its design, RGB lighting, and customization options via the web driver.

5. OPERATING THE MOUSE (ATTACK SHARK X11)

5.1 Key Features

- **Ultra-Light Design:** Weighs approximately 62g for effortless movement.
- **PAW3311 Optical Sensor:** High-sensitivity sensor with up to 22,000 DPI, 300 IPS, and 35G acceleration.
- **20 Million Click Switches:** Durable switches for long-lasting performance.
- **Magnetic RGB Charging Dock:** Convenient charging and aesthetic display.

Image 5.1: The ATTACK SHARK X11 Superlight Gaming Mouse, highlighting its lightweight design, tri-mode connection, wide compatibility, PAW3311 sensor, 20M click lifespan, and charging dock.

5.2 DPI Adjustment

The X11 mouse features a 6-level adjustable DPI up to 22,000. Use the DPI switch button on the underside of the mouse to cycle through the preset DPI levels. You can further customize DPI settings via the intelligent driver software.
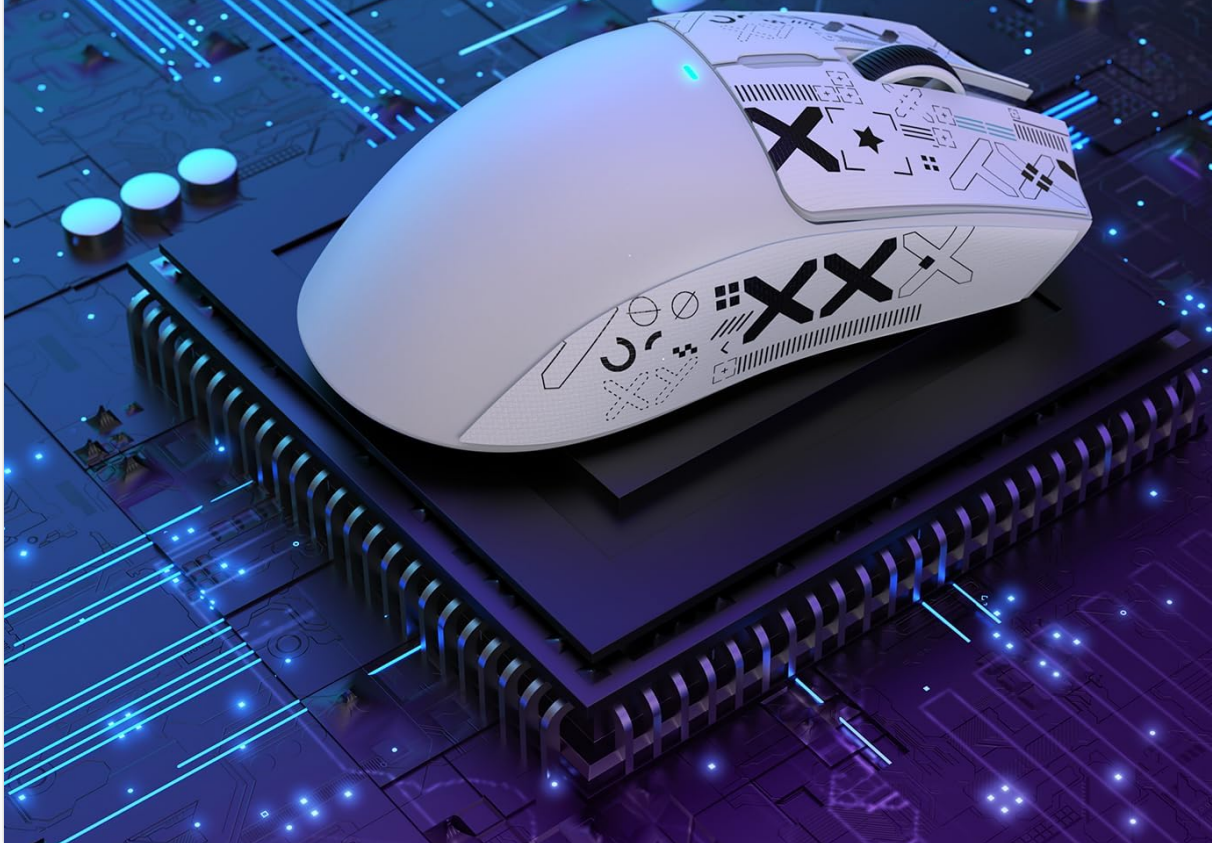
Image 5.2: Detailed view of the PIXART PAW3311 top-tier sensor in the ATTACK SHARK X11 mouse, emphasizing its 22000DPI, 300IPS, and 35G acceleration capabilities.

> Video 5.1: Official product video showcasing the MAGIC-REFINER Attack Shark X11 Wireless Gaming Mouse, highlighting its tri-mode connectivity, magnetic charging, and lightweight design.

6. MAINTENANCE

6.1 Cleaning

- Regularly clean your keyboard and mouse to prevent dust and debris buildup.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- For the keyboard, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials that could damage the surfaces.

6.2 Keycap and Switch Replacement (Keyboard)

The X68 PRO HE keyboard features hot-swappable sockets, allowing you to change switches without soldering.

1. Use the provided keycap puller to carefully remove the desired keycap.
2. Use the switch puller to gently grasp the switch and pull it straight up.
3. Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place.
4. Replace the keycap.

7. TROUBLESHOOTING

7.1 Connectivity Issues

- **Device not connecting:** Ensure the mode switch on both the keyboard and mouse is set to the correct mode (BT, 2.4G, or Wired). For wireless modes, check battery levels. For Bluetooth, ensure the device is in pairing mode and visible to your computer.
- **Intermittent connection:** Move the devices closer to the receiver/computer. Avoid interference from other wireless devices.

7.2 RGB Lighting Issues

- **Lights not working:** Check if RGB is enabled via the web driver or keyboard shortcuts. Ensure devices are sufficiently charged.
- **Incorrect colors/patterns:** Use the web driver to reset or reconfigure your desired RGB settings.

7.3 Performance Issues

- **Keyboard input lag:** Ensure the keyboard is in wired mode for the highest polling rate (8000Hz). For wireless, ensure a clear line of sight to the receiver.
- **Mouse tracking issues:** Clean the optical sensor on the mouse. Adjust DPI settings to your preference. Ensure the mouse pad surface is clean and suitable for optical tracking.
- **Rapid Trigger not responding:** Verify Rapid Trigger settings in the web driver. Ensure actuation points are correctly calibrated.

8. SPECIFICATIONS

8.1 General

- **Brand:** ATTACK SHARK
- **Color:** White
- **Connectivity Technology:** Bluetooth, 2.4G Wireless, USB-C Wired
- **Compatible Devices:** Laptop, Personal Computer
- **Package Dimensions:** 14.84 x 7.05 x 4.21 inches
- **Item Weight:** 3.56 pounds (1.62 Kilograms)

8.2 Keyboard (X68 PRO HE)

- **Switch Type:** Hall Effect Magnetic Switches
- **Actuation Range:** 0.1-3.2mm adjustable
- **Polling Rate:** 8000Hz (Wired), 1000Hz (2.4G Wireless)
- **Battery:** 4000mAh (up to 200 hours with RGB off)
- **Keycaps:** PBT

- **Customization:** QMK.TOP Web Driver

8.3 Mouse (X11)

- **Sensor:** PIXART PAW3311 Optical Sensor
- **DPI:** Up to 22,000 (6-level adjustable)
- **Acceleration:** 35G
- **Weight:** Approximately 62g
- **Switches:** 20 Million Click Lifespan
- **Charging:** Magnetic RGB Charging Dock, USB-C

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official ATTACK SHARK website or contact your retailer. Keep your purchase receipt for warranty claims.