

## ATTACK SHARK X98PRO

# ATTACK SHARK X98PRO Wireless Mechanical Keyboard

## INSTRUCTION MANUAL

### Introduction

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This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ATTACK SHARK X98PRO Wireless Mechanical Keyboard. This keyboard features a 98-key layout, a 1.14-inch TFT display, a multi-function CNC metal knob, tri-mode connectivity (Bluetooth, 2.4GHz wireless, USB-C wired), hot-swappable switches, RGB backlighting, and a 4000mAh battery. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

# ATTACK SHARK X98PRO

## 80% Layout Mechanical Keyboard



Image: Overview of the ATTACK SHARK X98PRO keyboard, highlighting its 80% layout and key features such as tri-mode connection, knob design, LED color screen, RGB backlit, hot-swap capability, gasket structure, 4000mAh battery, and innovative web driver.

## Setup

### 1. Unboxing and Initial Inspection

Carefully remove the keyboard and all accessories from the packaging. Verify that the following items are included:

- ATTACK SHARK X98PRO Mechanical Keyboard
- USB-C to USB-A Braided Cable
- 2.4GHz Wireless Dongle (often stored in the keyboard's dongle slot)
- Keycap Puller and Switch Puller (for hot-swappable models)

### 2. Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a powered USB-A port on your computer or a wall adapter. The

TFT screen will indicate charging status. The keyboard features a 4000mAh battery for extended use.



**HIGH-CAPACITY BATTERY**  
No need for frequent charging, ensuring long-term battery life

**4000mAh**

**Backlit ON**  
About 7 days  
(About 5 hours per day)

**Backlit OFF**  
About 15 days  
(About 5 hours per day)

The image shows the ATTACK SHARK X98PRO keyboard with a large '4000mAh' overlay. Below the keyboard, two clock icons indicate battery life: 'Backlit ON' for about 7 days (5 hours/day) and 'Backlit OFF' for about 15 days (5 hours/day). The keyboard has a small TFT screen on the right side.

Image: The ATTACK SHARK X98PRO keyboard with an overlay indicating a 4000mAh high-capacity battery, showing estimated usage times of about 7 days with backlight on (5 hours/day) and about 15 days with backlight off (5 hours/day).

### 3. Connectivity Options (Tri-Mode)

The X98PRO keyboard supports three connection modes: USB-C wired, 2.4GHz wireless, and Bluetooth 5.0. A switch on the side of the keyboard allows you to select the desired mode.



Image: The ATTACK SHARK X98PRO keyboard connected to multiple devices via USB-C, 2.4GHz wireless, and Bluetooth 5.0, illustrating its versatile tri-mode connectivity.

#### **USB-C Wired Mode:**

Connect the USB-C cable to the keyboard and your computer. Ensure the mode switch on the keyboard is set to 'USB'. The keyboard will be recognized automatically.

#### **2.4GHz Wireless Mode:**

Insert the 2.4GHz wireless dongle into an available USB port on your computer. Set the mode switch on the keyboard to '2.4G'. The keyboard should connect automatically. If not, press and hold Fn + 4 (for 2.4G pairing) until the indicator light flashes, then release. The keyboard will attempt to pair with the dongle.

#### **Bluetooth 5.0 Mode:**

Set the mode switch on the keyboard to 'BT'. To enter pairing mode, press and hold Fn + 1, Fn + 2, or Fn + 3 for 3-5 seconds until the corresponding indicator light flashes rapidly. On your device (computer, tablet, phone), search for Bluetooth devices and select 'ATTACK SHARK X98PRO' to connect. You can pair up to three different Bluetooth devices and switch between them using Fn + 1, Fn + 2, or Fn + 3.



Image: The ATTACK SHARK X98PRO keyboard demonstrating its tri-mode connection capabilities, showing it simultaneously connected to a desktop PC via 2.4GHz, a laptop via USB-C, and a tablet via Bluetooth.

#### 4. Web-Based Driver for Customization

The keyboard features an innovative web-based driver for advanced customization. This allows you to edit, upload, and switch display content for the TFT screen, customize RGB effects, remap keys, and set macros without installing software. Access the driver via the manufacturer's official website (refer to packaging or official product page for URL).

# INNOVATIVE WEB DRIVER

No need to download or install, the browser can be used immediately after opening



Image: The ATTACK SHARK X98PRO keyboard positioned in front of a monitor displaying the web-based driver interface, illustrating options for fully programmable keys, backlight color and effects, custom key combinations, and screen animation settings.

## Operating Instructions

### 1. Multi-Function CNC Metal Knob

The CNC metal knob provides intuitive control over various functions. By default, rotating the knob adjusts volume. Pressing the knob cycles through different control modes.

- **Rotate:** Adjusts selected parameter (e.g., volume, brightness, RGB speed).
- **Press:** Cycles through knob functions (e.g., Volume, RGB Brightness, RGB Speed, Connection Mode).
- **Fn + Knob Press:** Some functions may require holding the Fn key while pressing the knob to switch between primary and secondary functions (e.g., switching between volume control and display menu navigation).

# CNC KNOB DESIGN & DISPLAY SCREEN



Image: A detailed view of the ATTACK SHARK X98PRO's CNC knob and TFT display. The image illustrates how to rotate the knob to select sections (e.g., volume) and press to confirm or enter menus, with examples of RGB mode, intensity, speed, GIF display, and language choice on the screen.

## 2. TFT Smart Screen

The 1.14-inch TFT screen can display various information and custom content:

- System status
- Battery life
- Time and date
- Connection mode
- Custom GIFs or animations (configurable via web driver)

## 3. RGB Backlighting Control

The keyboard features full RGB backlighting. Use the following key combinations to adjust lighting effects:

- **Fn + Enter:** Switch between different lighting effects.
- **Fn + \|:** Switch lighting color.
- **Fn + ↑ (Up Arrow):** Increase backlight brightness.

- **Fn + ↓ (Down Arrow):** Decrease backlight brightness.
- **Fn + ← (Left Arrow):** Decrease backlight speed.
- **Fn + → (Right Arrow):** Increase backlight speed.



Image: The ATTACK SHARK X98PRO keyboard showcasing its vibrant RGB full-color backlighting, with an overlay illustrating key combinations (Fn + Enter, Fn + arrow keys) for switching light effects, colors, brightness, and speed.

#### 4. Hot-Swappable Switches

The X98PRO keyboard features a hot-swappable PCB, allowing you to easily change mechanical switches without soldering. It is compatible with most 3-pin and 5-pin mechanical switches.

- **To Remove a Switch:** Use the provided switch puller to gently grip the top and bottom of the switch and pull upwards.
- **To Install a Switch:** Align the pins of the new switch with the holes on the PCB. Gently press down until the switch clicks into place. Ensure pins are not bent.

Easy to pull out and replace the switches

**Blueberry Linear Switch**  
**Self-Developed Voice Actor Switch**  
Trigger force: 38±7gf  
Bottom stroke: 3.3±0.3mm  
Trigger stroke: 2.0±0.5mm  
Service life: about 50 million times

Compatible with 3 or 5 pins Switches

# FULL KEY HOT SWAPPABLE

Image: A close-up of the ATTACK SHARK X98PRO keyboard with several keycaps and switches removed, showing the hot-swappable sockets. A switch puller is depicted, along with an exploded view of a Blueberry linear switch and its specifications, emphasizing compatibility with 3 or 5-pin switches.

## 5. Key Customization and Macros

Utilize the web-based driver to remap keys, create custom key combinations, and program macros for enhanced productivity or gaming. Refer to the driver interface for detailed instructions on these advanced features.

### Maintenance

#### 1. Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's appearance and functionality.

- **Keycaps:** Use a keycap puller to remove keycaps. Clean them with a mild soap solution and a soft cloth, then dry thoroughly before reattaching.
- **Keyboard Body:** Wipe the surface with a soft, damp cloth. Avoid excessive moisture.
- **Between Keys:** Use compressed air to remove dust and debris from between the switches.

## 2. Battery Care

To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- If storing for a long time, charge the battery to about 50% before storage.

## 3. Switch and Keycap Replacement

As the switches are hot-swappable, you can replace individual switches or the entire set if desired. Ensure replacement switches are compatible (3-pin or 5-pin). Keycaps can also be replaced with standard MX-style keycaps.

## Troubleshooting

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### 1. Connectivity Issues

- **Keyboard not connecting in 2.4GHz or Bluetooth mode:** Ensure the mode switch is in the correct position. For 2.4GHz, try re-inserting the dongle and re-pairing (Fn + 4). For Bluetooth, ensure the keyboard is in pairing mode (Fn + 1/2/3 for 3-5 seconds) and your device's Bluetooth is enabled.
- **Wired connection not recognized:** Check the USB-C cable connection at both ends. Ensure the mode switch is set to 'USB'. Try a different USB port or cable.

### 2. Backlight Issues

- **RGB lights not working or stuck:** Ensure the keyboard is charged. Try adjusting brightness (Fn + ↑/↓) or cycling through effects (Fn + Enter). A factory reset (if available, check web driver) might resolve persistent issues.

### 3. Knob or TFT Screen Issues

- **Knob not responding:** Press the knob to cycle through functions. Ensure no debris is obstructing its movement.
- **Screen not displaying correctly:** Check battery level. If customized content is not showing, verify settings in the web-based driver.

### 4. Unintended Key Presses

- If experiencing unintended key presses, ensure proper typing posture and avoid resting hands heavily on keys. The linear switches have a light actuation force.

### 5. Battery Life Concerns

- If battery life seems shorter than expected, ensure the keyboard is fully charged. Reduce RGB brightness or turn off backlighting to conserve power. Ensure the keyboard is turned off when not in use.

## Specifications

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Feature	Detail
Brand	ATTACK SHARK
Model	X98PRO

Keyboard Description	Mechanical
Connectivity Technology	2.4GHz, Bluetooth 5.0, USB-C Wired
Number of Keys	98
Switch Type	Linear (Hot-Swappable 3/5-pin)
Battery Capacity	4000mAh
Special Features	Customizable TFT Display, Multi-Function Knob, RGB Backlit, Gasket Mount
Compatible Devices	Laptop, PC, Tablet
Compatible OS	Windows, Mac, Linux
Product Dimensions	16.4"L x 5.8"W x 1.8"H
Material	Aluminum (Knob), Fiberglass Composite (Case)

## Warranty

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The ATTACK SHARK X98PRO Wireless Mechanical Keyboard comes with a 1-year manufacturer's warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accident, unauthorized modification, or normal wear and tear.

## Support

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For further assistance, technical support, or warranty inquiries, please contact ATTACK SHARK customer service through their official website or the retailer where the product was purchased. Please have your product model and purchase information ready when contacting support.

## Product Videos

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### ATTACK SHARK X98PRO Wireless Keyboard Overview

Your browser does not support the video tag.

Video: An overview of the ATTACK SHARK X98PRO Wireless Mechanical Keyboard, showcasing its design and features.

### X98PRO 98-Key Mechanical Keyboard with TFT Display Features

Your browser does not support the video tag.

Video: A demonstration of the ATTACK SHARK X98PRO 98-key mechanical keyboard, focusing on its TFT display and other key functionalities.