

ATTACK SHARK X68MAX HE

ATTACK SHARK X68MAX HE Wired Mechanical Gaming Keyboard User Manual

Model: X68MAX HE | Brand: ATTACK SHARK

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your ATTACK SHARK X68MAX HE Wired Mechanical Gaming Keyboard. Please read this manual thoroughly to ensure proper use and to maximize your keyboard's performance.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- ATTACK SHARK X68MAX HE Mechanical Gaming Keyboard
- USB-A to USB-C Cable (Detachable)
- Keycap Pulling Tool
- Branded Keyboard Lanyard

3. SETUP

3.1 Connecting the Keyboard

1. Locate the USB-C port on the back of the ATTACK SHARK X68MAX HE keyboard.
2. Connect the USB-C end of the provided cable to the keyboard.
3. Connect the USB-A end of the cable to an available USB port on your computer or compatible device.
4. The keyboard will automatically be recognized by your operating system.



Image: The ATTACK SHARK X68MAX HE keyboard with its detachable USB-C cable and branded lanyard.

3.2 Driver and Software Installation

The ATTACK SHARK X68MAX HE keyboard supports a web-based driver for advanced customization. No traditional software installation is required for basic functionality.

- To access the customization software, navigate to qmk.top in your web browser.
- Follow the on-screen instructions to connect your keyboard and access features such as Rapid Trigger (RT), SOCD, DKS/MT/TGL, key remapping, macro creation, and RGB lighting adjustments.

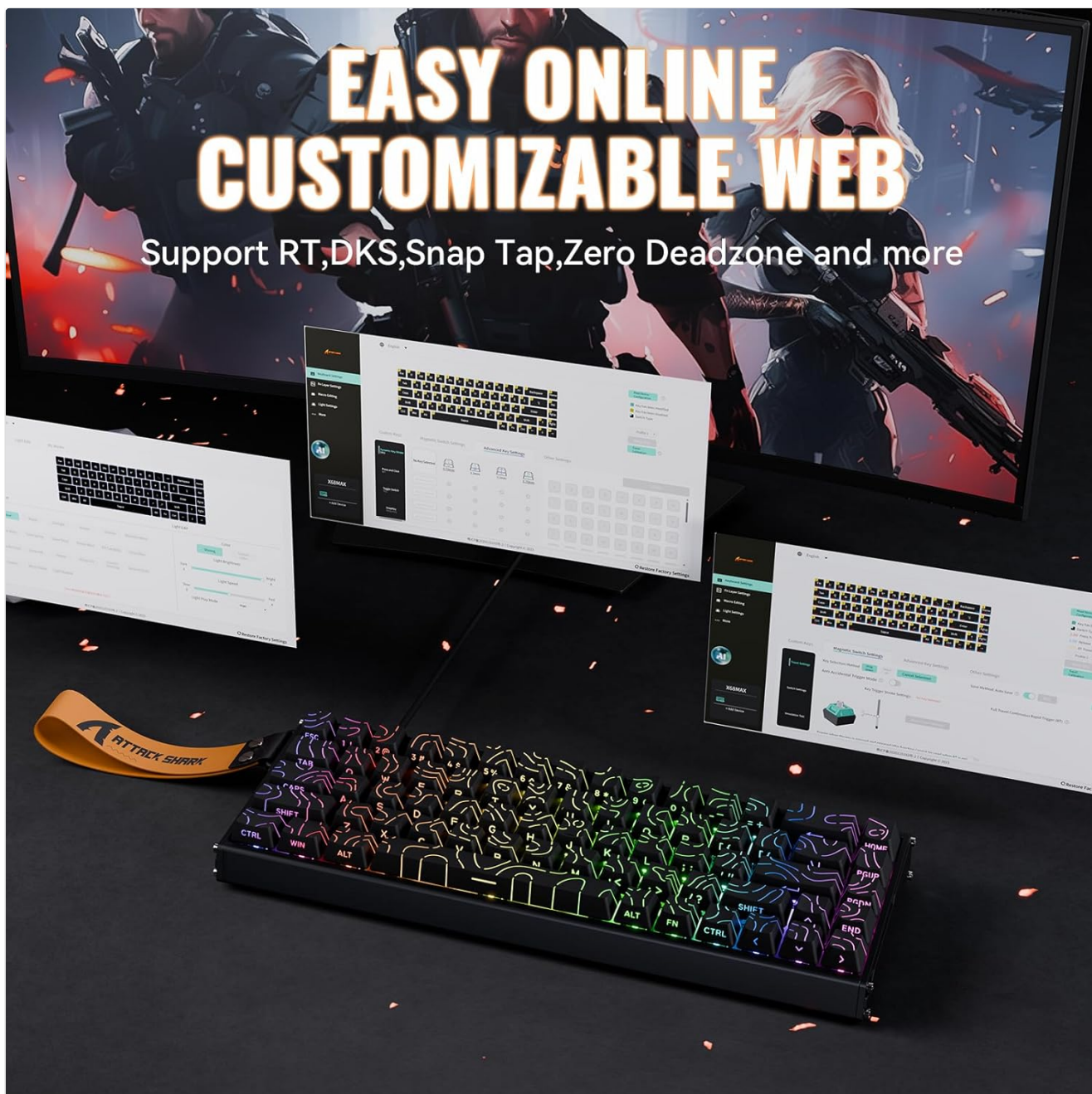


Image: Screenshot of the web-based customization interface for the keyboard, showing various settings and key layouts.

4. OPERATING INSTRUCTIONS

4.1 Basic Keyboard Functions

The X68MAX HE is a 60% layout keyboard with 68 keys, including dedicated arrow keys. All standard alphanumeric and symbol keys function as expected.

4.2 RGB Lighting Control

The keyboard features south-facing RGB lighting with multiple pre-saved effects. You can control the lighting directly from the keyboard using the Function (Fn) key combinations:

- **Fn + ↑ (Up Arrow):** Increase Backlight Brightness
- **Fn + ↓ (Down Arrow):** Decrease Backlight Brightness
- **Fn + ← (Left Arrow):** Adjust Light Effect Direction
- **Fn + → (Right Arrow):** Switch Main Backlight Color

- **Fn + [** : Decrease Backlight Speed
- **Fn +]** : Increase Backlight Speed
- **Fn + \ |** : Switch Light Mode



Image: Diagram illustrating the Function (Fn) key combinations for controlling RGB lighting effects on the keyboard.

4.3 Hall Effect Magnetic Switches and Advanced Features

The X68MAX HE utilizes Hall Effect magnetic switches, offering precise control and customization:

- **Adjustable Actuation:** Customize the actuation point of each key from 0.1mm to 3.4mm using the web driver. This allows for personalized sensitivity.
- **Rapid Trigger (RT):** This feature allows keys to reset instantly upon upward movement, enabling faster repeated inputs in gaming. The web driver allows fine-tuning of RT sensitivity.
- **SOCD (Simultaneous Opposite Cardinal Directions):** Prevents conflicting directional inputs, useful in fighting games. Configurable via the web driver.
- **DKS (Dynamic Keystrokes), MT (Mod-Tap), TGL (Toggle Key):** Advanced functions for complex key bindings and layered inputs, accessible through the web driver.

HALL EFFECT MAGNETIC SWITCH



Snap Key
(SOCD)



Dynamic
Keystrokes(DKS)



Toggle Key
(TGL)



Mod-Tap
(MT)

Linear
Switch Type

100 Million Clicks
Lifespan

40±5gf
Operation Force

0.1-3.4mm
Actuation Range

95±15GS
Initial Magnetic Flux

580±50GS
Bottom Magnetic Flux

Image: An exploded view diagram detailing the components of a Hall Effect magnetic switch, including actuation range, operation force, and lifespan.

ULTRA-LOW LATENCY & 0.005MM RT ACCURACY

Unlock Ultimate Gaming Speed

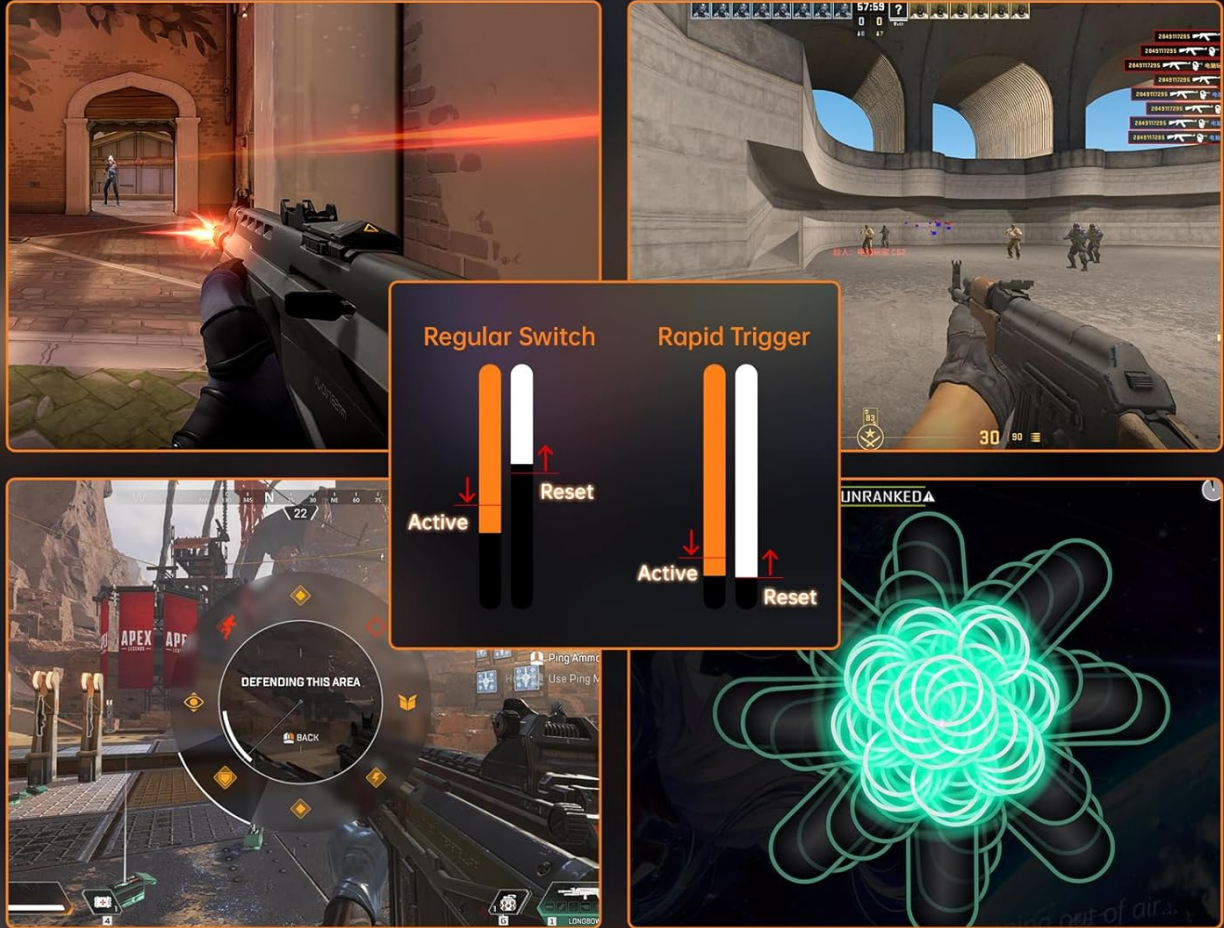


Image: Visual comparison illustrating the difference between a regular switch and a Rapid Trigger switch, highlighting faster reset times for gaming. Also shows in-game scenarios benefiting from low latency.

5. MAINTENANCE

5.1 Cleaning the Keyboard

To maintain optimal performance and appearance, regular cleaning is recommended:

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and aluminum casing.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid using harsh chemicals or abrasive materials, as these can damage the finish.

5.2 Keycap Removal and Replacement

The included keycap pulling tool can be used to safely remove and replace keycaps:

- Gently attach the keycap puller to the sides of the keycap you wish to remove.
- Pull straight up with even pressure to detach the keycap from the switch stem.
- To replace, align the keycap with the switch stem and press down firmly until it clicks into place.

6. TROUBLESHOOTING

If you encounter issues with your ATTACK SHARK X68MAX HE keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB-C cable is securely connected to both the keyboard and the computer.
 - Try connecting the keyboard to a different USB port on your computer.
 - Test the keyboard on another computer to rule out system-specific issues.
- **RGB Lighting Not Working or Incorrect:**
 - Check the lighting control key combinations (Fn + arrow keys, Fn + [], Fn + \|) to ensure brightness is not set to minimum or a specific mode is not active.
 - Verify settings in the web-based driver (qmk.top).
- **Web Driver Not Detecting Keyboard:**
 - Ensure your web browser is up to date.
 - Try a different USB port or a different computer.
 - Ensure no other keyboard software is interfering.
- **Keys Not Registering or Double-Typing:**
 - This could be related to actuation point settings. Access the web driver to adjust individual key actuation points.
 - Ensure no debris is lodged under the keycap or switch.

7. SPECIFICATIONS

Feature	Detail
Model	X68MAX HE
Layout	60% (68-key Tenkeyless)
Connectivity	Wired (USB-A to USB-C)
Switches	Hall Effect Magnetic Switches
Actuation Accuracy	0.005mm
Adjustable Actuation	0.1mm - 3.4mm
Polling Rate	8000Hz
Latency	0.08ms
Scan Rate	256K
Keycaps	PBT (Double-shot molding)

Backlighting	South-facing RGB (16.8 Million Colors)
Casing Material	Full CNC Aluminum
Compatible Devices	PC, Laptop, Tablet, Smartphone
Item Weight	3.23 pounds
Package Dimensions	14.02 x 6.81 x 2.01 inches



ATTACK SHARK

X68MAX HE



Magnetic Switch
Hall Effect Technology



0.005mm RT Accuracy
Reset and Re-press Faster



Aluminum Plate
CNC Aluminum Body



0.08ms Latency
Ultra Fast Input



Snap Tap
Last Keystroke Prioritization



RGB Lighting
16 Million RGB



8K Hz
Polling Rate

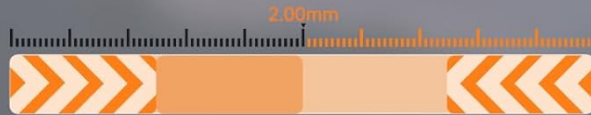


Web Driver
Comfortable Key Striking

Image: An overview of the keyboard's key features, including magnetic switches, 0.005mm RT accuracy, aluminum plate, 0.08ms latency, Snap Tap, RGB lighting, 8KHz polling rate, and web driver.

0.1-3.4mm

Adjustable Actuation Point



SOCD

SOCD



Polling Rate

8KHz



RT

0.005mm

Ultra-low Latency

0.08ms

Scanning Rate

256K

CNC Aluminum



PBT Keyboard



USB-C Wired Connection



Image: Detailed technical specifications including adjustable actuation point range, 8KHz polling rate, 0.08ms ultra-low latency, 256K scanning rate, PBT keycaps, and USB-C wired connection.

THE X68MAX EXPANDED

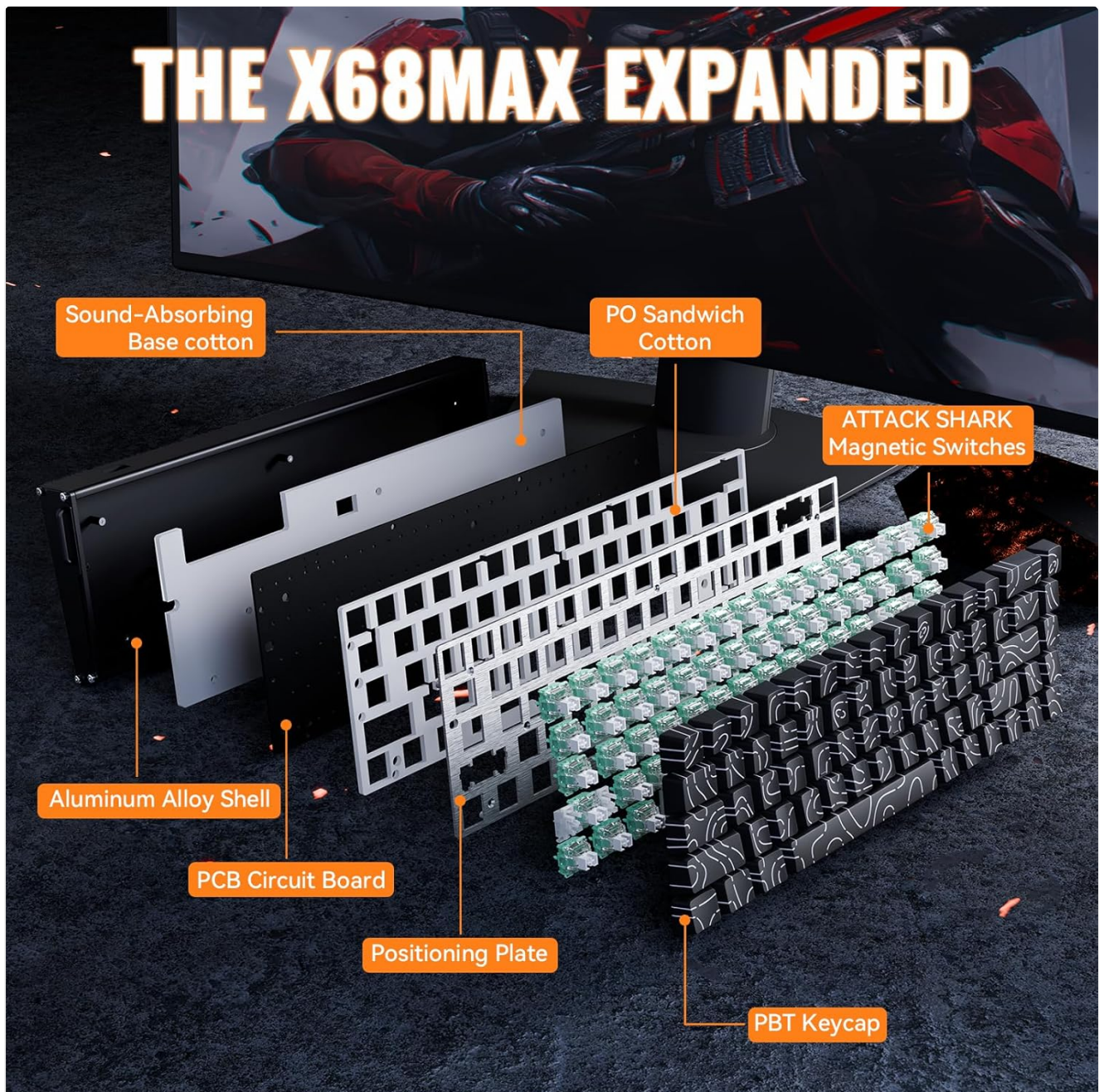


Image: An exploded diagram showing the internal layers of the X68MAX HE keyboard, including the aluminum alloy shell, sound-absorbing base cotton, PCB circuit board, positioning plate, PO sandwich cotton, ATTACK SHARK magnetic switches, and PBT keycaps.

8. WARRANTY AND SUPPORT

ATTACK SHARK products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official ATTACK SHARK website.

For further assistance, technical support, or to explore other ATTACK SHARK products, please visit the official ATTACK SHARK store or contact customer service through the vendor's platform.

Official ATTACK SHARK Store: [ATTACK SHARK Store on Amazon](#)

Related Documents - X68MAX HE

	<p>Attack Shark X68 HE Gaming Keyboard User Manual</p> <p>Comprehensive user manual for the Attack Shark X68 HE gaming keyboard, detailing its features, setup, and customization options including rapid trigger, magnetic switches, and RGB lighting.</p>
	<p>ATTACK SHARK X68MAX Gaming Keyboard User Manual</p> <p>Official user manual for the ATTACK SHARK X68MAX gaming keyboard, detailing setup, features, software customization, and troubleshooting. Learn about Rapid Trigger, aluminium construction, and RGB lighting.</p>
	<p>Attack Shark K85 Mechanical Keyboard User Manual</p> <p>User manual for the Attack Shark K85 mechanical keyboard, detailing its magnetic switches, rapid trigger functionality, adjustable trigger points, and technical specifications.</p>
	<p>Attack Shark AKS068 Wired Mechanical Gaming Keyboard User Manual</p> <p>Comprehensive user manual for the Attack Shark AKS068 wired mechanical gaming keyboard. Learn about its 65% Alice layout, hot-swappable switches, gasket mount, RGB backlighting, VIA programmability, and compatibility with Windows and macOS.</p>
	<p>Attack Shark X86 CNC Aluminum RGB Keyboard - User Manual</p> <p>Official user manual for the Attack Shark X86 CNC Aluminum RGB Keyboard, providing details on setup, features, software, drivers, and technical specifications for enhanced user experience.</p>
	<p>Attack Shark M87 87-Key RGB Mechanical Keyboard User Manual</p> <p>User manual for the Attack Shark M87 mechanical keyboard, featuring an 87-key layout, customizable RGB lighting, and triple mode connectivity (Bluetooth, 2.4G wireless, and wired USB). Learn how to connect, operate, and maximize your keyboard experience.</p>