ATTACK SHARK X68 HE

ATTACK SHARK X68 HE 8000Hz Rapid Trigger Gaming Keyboard User Manual

Model: **X68 HE** | Brand: **ATTACK SHARK**

1. INTRODUCTION

This manual provides detailed instructions for the ATTACK SHARK X68 HE 8000Hz Rapid Trigger Gaming Keyboard. Designed for high-performance gaming, this keyboard features magnetic switches, adjustable actuation points, and a high polling rate to deliver precise and responsive input. Please read this manual thoroughly to understand the keyboard's functions and ensure optimal usage.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- ATTACK SHARK X68 HE Gaming Keyboard
- USB-C to USB-A Cable
- User Manual
- Keycap Puller (may be included)
- Switch Puller (may be included)

3. SETUP GUIDE

3.1 Connecting the Keyboard

1. Connect the USB-C end of the provided cable to the USB-C port on the keyboard.
2. Connect the USB-A end of the cable to an available USB port on your computer (PC or Mac).
3. The keyboard will be automatically recognized by your operating system.

3.2 Software Installation (Optional but Recommended)

For full customization and advanced features, it is recommended to download and install the official ATTACK SHARK software. This software allows you to configure key functions, actuation points, RGB lighting, and create macros.

- Visit the official ATTACK SHARK website to download the latest software/web driver.
- Follow the on-screen instructions to complete the installation.

Image: The ATTACK SHARK X68 HE Gaming Keyboard connected via USB-C cable.

4. OPERATING INSTRUCTIONS

4.1 Key Features Overview

Image: An overview of the ATTACK SHARK X68 HE's key features, including Magnetic Switches, 0.01mm RT Accuracy, Adjustable Actuation Point, 0.125ms Latency, Snap Tap, RGB Lighting, and Web Driver compatibility.

- **Magnetic Switches:** Utilizes Hall Effect technology for precise and durable key presses.
- **0.01mm RT Accuracy:** Enables rapid trigger functionality with minimal delay, allowing for instant command execution.
- **Adjustable Actuation Point:** Customize the key press sensitivity from 0.1mm to 3.4mm.
- **8000Hz Polling Rate:** Provides an ultra-low latency of 0.125ms for extremely fast response times.
- **Snap Tap & Dynamic Keystrokes:** Advanced features for prioritizing the latest input and performing multiple actions with a single key press.
- **RGB Lighting:** Offers over 20 preset lighting effects for personalization.
- **60% Ultra-Compact Layout:** Maximizes desk space and improves typing efficiency.

4.2 Rapid Trigger and 0.01mm RT Accuracy

The Rapid Trigger feature allows keys to reset and re-press with extreme precision, registering your next input before the physical key fully returns to its original position. With 0.01mm RT accuracy, the keyboard responds almost instantaneously to your commands, crucial for competitive gaming.

0.01MM RT ACCURACY & 128KHz Scan Rate
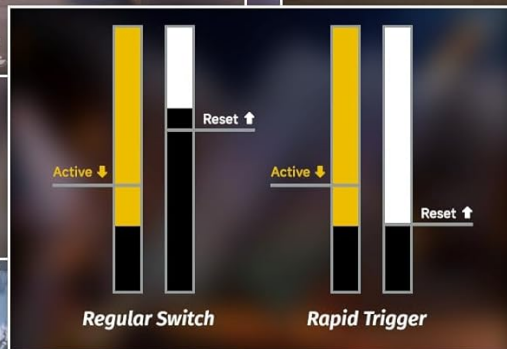
Unlock Maximum Speed & Response

Valorant
Accurate Move & Shot

CSGO
No-mistake Peeking

Reset
Active
Active
Reset

Regular Switch

Rapid Trigger

APEX
TS/SG 100% Successful

osu!
More PERFECT Notes

Image: Visual representation of 0.01mm RT accuracy and its benefits in games like Valorant, CSGO, APEX, and osu!, showing faster reset and re-press compared to regular switches.

4.3 8000Hz Polling Rate

The X68 HE boasts an 8000Hz polling rate, meaning it reports its status to your computer 8000 times per second. This results in an ultra-low latency of 0.125ms, providing up to 8 times faster response than conventional gaming keyboards, ensuring every input is registered without delay.
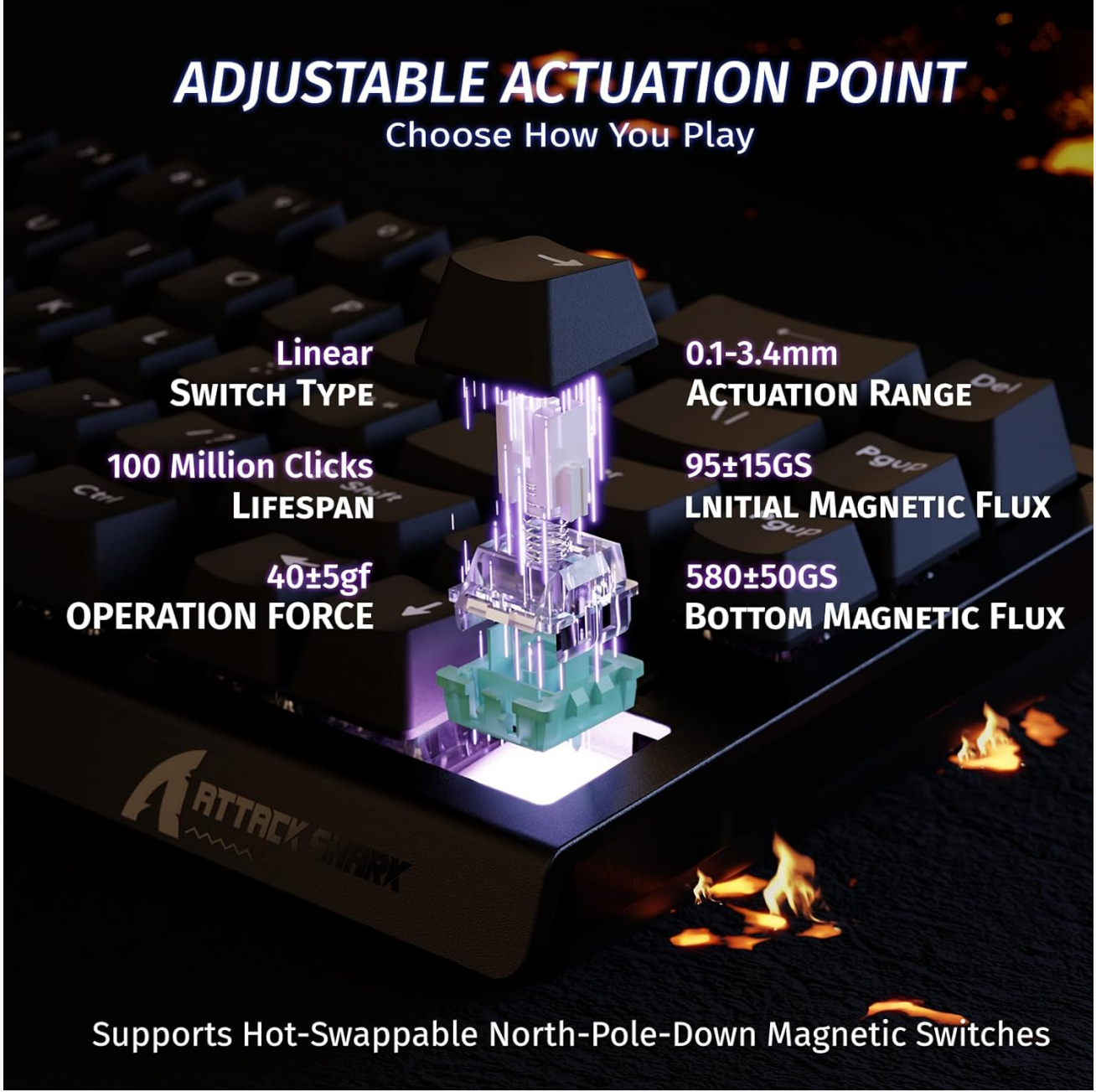
Image: A close-up of the keyboard highlighting the USB-C connection and the concept of 8000Hz polling rate for rapid response times.

4.4 Adjustable Actuation Point

Each magnetic switch on the X68 HE allows you to customize its actuation point from 0.1mm to 3.4mm in 0.01mm increments. This flexibility enables you to set keys for quick, light presses or deeper, more deliberate strokes, tailoring the keyboard to your specific playstyle or typing preference.

Image: An exploded view of a magnetic switch illustrating the adjustable actuation range (0.1-3.4mm) and other switch specifications like lifespan and operation force.

4.5 Snap Tap & Dynamic Keystrokes

- **Snap Tap:** Prioritizes the latest input between two key presses, facilitating faster and more reactive directional changes in games.
- **Dynamic Keystrokes:** Provides true analog input, allowing up to four actions to be performed with a single key press, useful for complex combos and macros.

4.6 RGB Lighting Control

The keyboard features full RGB backlighting with over 20 preset light effects. You can control various aspects of 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):** Decrease Backlight Speed
- **Fn + → (Right Arrow):** Increase Backlight Speed

- **Fn + \ |:** Switch Light Mode
- **Fn + Enter:** Switch Light Color
- **Fn + Backspace:** Turn Light On/Off

Image: The keyboard displaying various RGB lighting effects, with a diagram illustrating the Fn key combinations for lighting control.

4.7 Customization Software

The dedicated web-based software allows for extensive customization of your X68 HE keyboard. You can:

- Remap keys and create custom key functions.
- Adjust actuation points for individual keys.
- Configure DKS (Dynamic Keystrokes), Snap Tap, and Zero Deadzone settings.
- Create and manage macros.
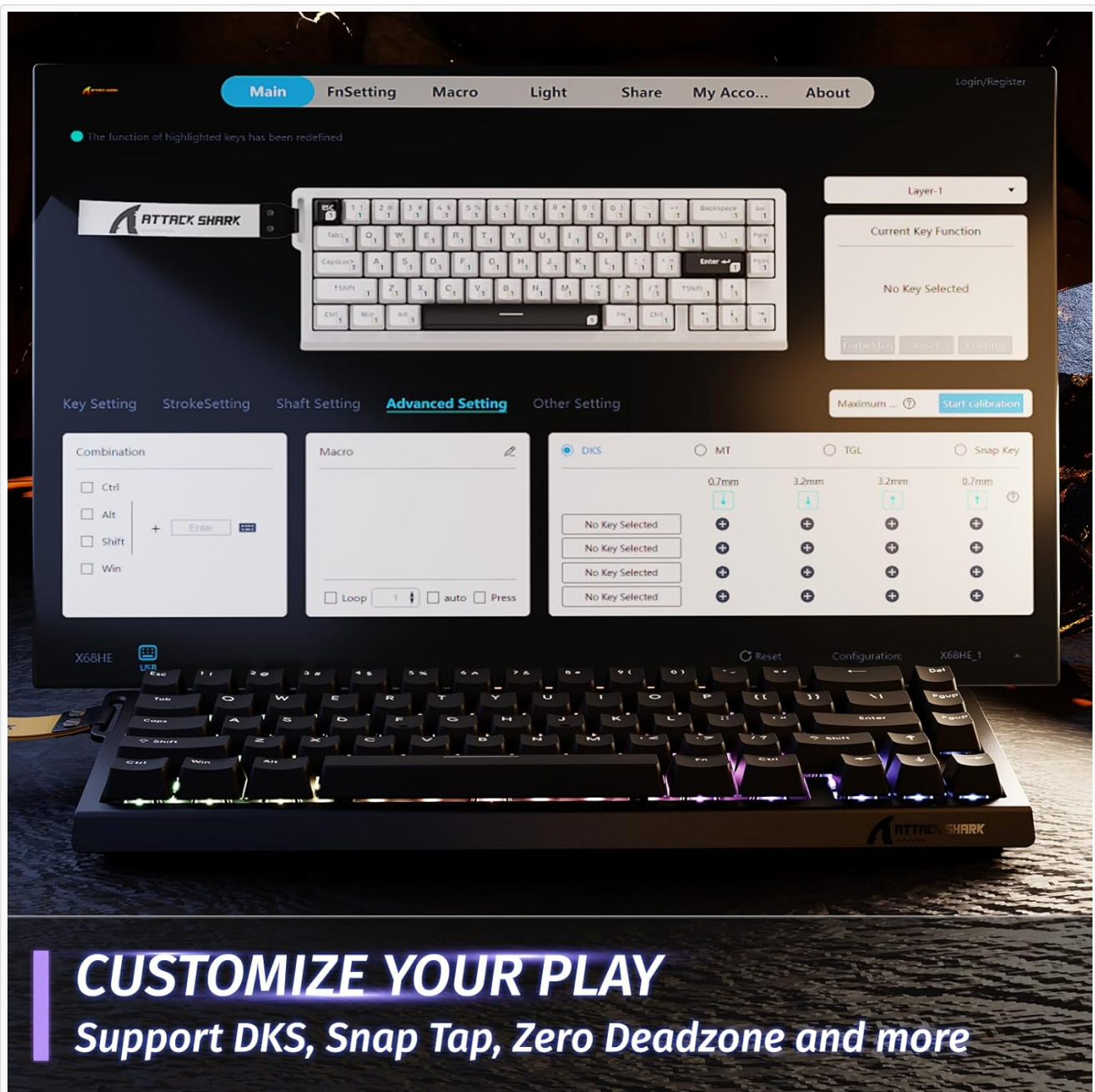- Customize RGB lighting effects and colors.

Image: A screenshot of the ATTACK SHARK customization software interface, showing options for key settings, stroke settings, advanced settings, and macro creation.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth lightly dampened with water or a mild cleaning solution to wipe the keycaps and chassis.
- For deeper cleaning, use a keycap puller to remove keycaps and a can of compressed air to clear debris from underneath.
- Avoid using harsh chemicals or abrasive materials, as these can damage the keyboard's finish or keycap legends.

5.2 Keycap and Switch Information

The X68 HE features durable Doubleshot PBT keycaps, designed to resist wear, shine, and fading over time. The

magnetic switches are hot-swappable, allowing for easy replacement if needed (compatible with North-Pole-Down magnetic switches).

Image: A close-up view of the keyboard's Doubleshot PBT keycaps, emphasizing their durability and resistance to wear.

Image: An exploded diagram of the X68 HE keyboard, showing its internal components including PBT keycaps, top case, aluminum alloy plate, PORON foam, PCB, and ATTACK SHARK magnetic switches.

6. TROUBLESHOOTING

Problem	Possible Solution
Keyboard not responding	- Ensure the USB-C cable is securely connected to both the keyboard and the computer. - Try connecting to a different USB port on your computer. - Test the keyboard on another computer to rule out system-specific issues. - Restart your computer.

Problem	Possible Solution
RGB lighting not working	- Check if the lighting is turned off (Fn + Backspace). - Adjust brightness (Fn + Up/Down Arrow). - Ensure the customization software is running and settings are applied correctly.
Keys not registering correctly	- Clean under the keycaps for any debris. - Check the actuation point settings in the software; reset to default if necessary. - Ensure the keyboard firmware is up to date.
Software not detecting keyboard	- Ensure the keyboard is properly connected. - Restart the software and your computer. - Reinstall the software/web driver. - Temporarily disable any antivirus or firewall software that might be blocking the connection.

7. SPECIFICATIONS

Feature	Detail
Brand	ATTACK SHARK
Model Number	X68 HE
Connectivity Technology	USB-C (Wired)
Keyboard Description	Mechanical (Magnetic Switches)
Polling Rate	8000 Hz
Latency	0.125 ms
Rapid Trigger Accuracy	0.01 mm
Actuation Point Range	0.1 mm to 3.4 mm (adjustable in 0.01 mm increments)
Scan Rate	128 KHz
Keycap Material	Doubleshot PBT
Backlight	Full RGB (20+ preset effects)
Compatible Devices	Laptop, PC (Windows, Mac)
Special Features	Web Driver & Onboard Memory, Adjustable Actuation Points, Rapid Trigger, Snap Tap & Dynamic Keystrokes, Zero Deadzone
Material	Plastic

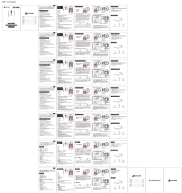| Feature	Detail
Country of Origin	China

8. WARRANTY AND SUPPORT

For warranty information, technical support, or customer service inquiries, please refer to the warranty card included with your product or visit the official ATTACK SHARK website. Keep your proof of purchase for any warranty claims. Official ATTACK SHARK Website: ATTACK SHARK Store

Related Documents - X68 HE

	Attack Shark X68 HE Gaming Keyboard User Manual 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.
	Attack Shark K85 Mechanical Keyboard User Manual User manual for the Attack Shark K85 mechanical keyboard, detailing its magnetic switches, rapid trigger functionality, adjustable trigger points, and technical specifications.
	ATTACK SHARK R3 Lightweight Triple Mode Wireless Gaming Mouse User Manual User manual for the ATTACK SHARK R3 lightweight triple mode wireless gaming mouse. Details product specifications, packing list, button functions, connection methods (2.4G, Bluetooth, Wired), and important precautions for optimal use.
	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.

ATTACK SHARK X68MAX Gaming Keyboard User Manual
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.

Attack Shark X3Pro Wireless Gaming Mouse User Manual
Comprehensive user manual for the Attack Shark X3Pro wireless gaming mouse. Learn about its ultralight design, 8K polling rate, and versatile connectivity options including USB, 2.4G, and Bluetooth. Get setup instructions and product details.