

HOYOVERSE Acheron 87-Key Kailh Box Ice Cream Switch Mechanical Keyboard

HOYOVERSE Honkai: Star Rail Acheron 87-Key Backlight Mechanical Keyboard User Manual

Model: Acheron 87-Key Kailh Box Ice Cream Switch Mechanical Keyboard

INTRODUCTION

Thank you for choosing the HOYOVERSE Honkai: Star Rail Acheron Backlight Mechanical Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your new keyboard. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.



Image: The Honkai: Star Rail Acheron Backlight Mechanical Keyboard, featuring character artwork of Acheron.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- USB-A to USB-C Data Cable
- Instruction Manual (Triple Modes Version)
- 2.4G Receiver
- Keyboard Switches Puller
- 3 Key Switches of the Same Type
- Dustproof Case

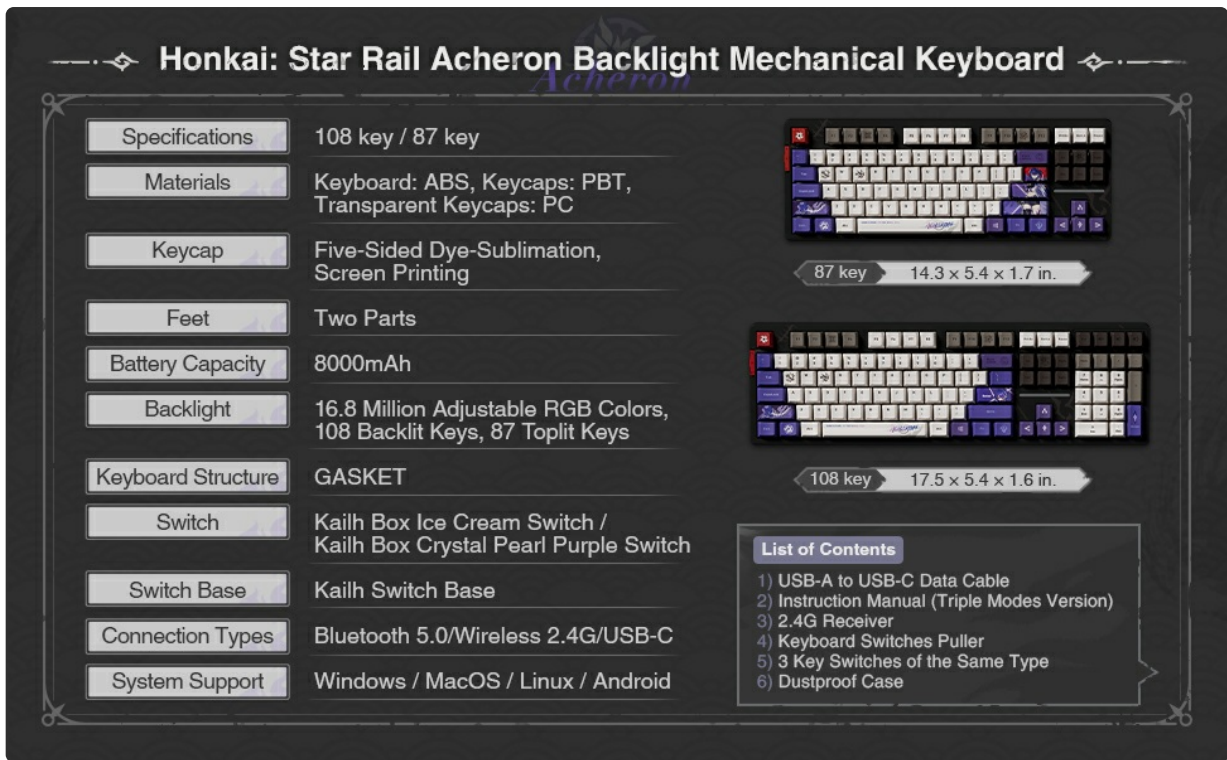


Image: An overview of the keyboard's specifications and a list of included accessories.

SPECIFICATIONS

Feature	Description
Keyboard Type	87-key Mechanical Keyboard
Materials	ABS, PBT Keycaps, PC Transparent Keycaps
Keycap Technology	Five-Sided Dye-Sublimation, Screen Printing
Keyboard Feet	Two-part adjustable feet
Battery Capacity	8000mAh
Backlight	16.8 Million Adjustable RGB Colors, 87 Toplit Keys
Keyboard Structure	Gasket Mounted
Switch Type	Kailh Box Ice Cream Switch (Linear)
Switch Base	Kailh Switch Base
Connection Types	Bluetooth 5.0, Wireless 2.4G, USB-C (Wired)
System Support	Windows, MacOS, Linux, Android
Dimensions (87-key)	14.3 x 5.4 x 1.7 inches
Item Weight	3.28 pounds
Manufacturer	Shanghai Homi Technology Co., Ltd

Kailh Box Ice Cream Switch Specifications

Trigger Travel Distance: 0.07 ± 0.02 in.

Total Travel Distance: 0.16 ± 0.01 in.

Operating Force: 45 ± 10 gf

Switch Type: Linear

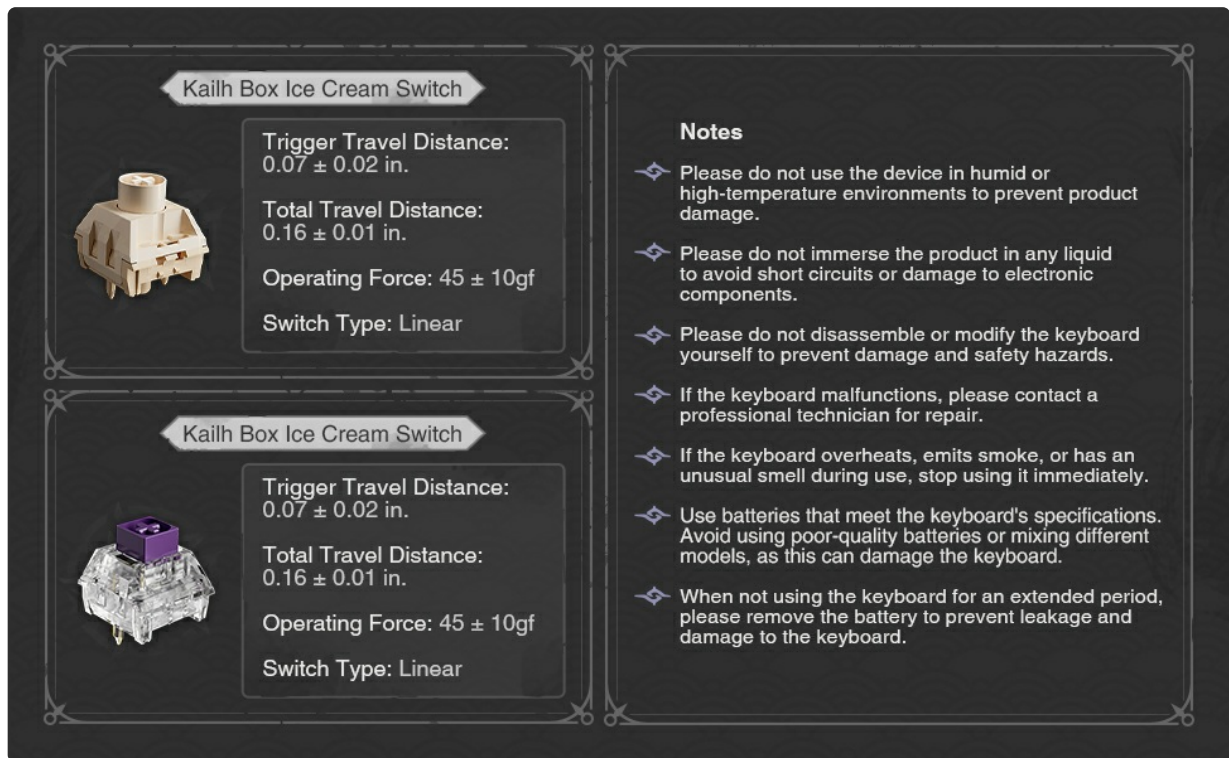


Image: Close-up view of Kailh Box Ice Cream Switches and a summary of important usage notes.

SETUP AND CONNECTION

The keyboard supports three connection modes: 2.4G Wireless, Bluetooth 5.0, and Wired (USB-C).

2.4G Wireless Connection

1. Take out the receiver from the storage slot on the right side of the keyboard.
2. Insert the receiver into a USB port on your computer.
3. Switch the mode switch on the left side of the keyboard to the 2.4G mode.

Bluetooth 5.0 Connection

1. Switch the mode switch on the left side of the keyboard to Bluetooth mode.
2. Press and hold **Fn + 1/2/3** to start pairing. The long indicator light will flash quickly during pairing.
3. The keyboard currently supports pairing up to 3 devices.
4. Press **Fn + 1/2/3** to switch between paired devices.

Wired Connection

1. Insert the USB-C cable into the port on the keyboard.
2. Connect the other end of the cable to your computer.
3. Switch the mode switch on the left side of the keyboard to the middle (wired) position.

Windows/Mac Mode Switching

To switch to Windows mode: Press **Fn + A**

To switch to Mac mode: Press **Fn + S**

To swap Win and Alt keys (in Mac mode): Press **Fn + Alt**

Note: When the Win key is locked (Fn + Win), it cannot be used. In Mac mode, the Win key functions as the Command Key, and the Alt key functions as the Option Key.



Image: Visual guide for connecting the keyboard via 2.4G wireless, Bluetooth 5.0, and USB-C, along with instructions for switching between Windows and Mac operating modes.

OPERATING INSTRUCTIONS AND FEATURES

Backlight Customization

Light Customization Function: Press **Fn + INS + ~** to call up custom backlight settings. The keyboard supports one set of custom memory lighting only.

Custom Lighting Editing:

1. Press **Fn + INS** to switch to Custom Lighting mode.
2. Then press **Fn + ~** again to start adjusting. Press the key to be defined, and the keyboard lighting will change color with each press.
3. After you have finished making adjustments, press **Fn + ~** again to save your changes.

Key Features

8000mAh Ultra-Long Battery Life: Enjoy extended usage with the high-capacity battery.

Full Key Anti-Ghosting: Ensures every keystroke is registered accurately, even during rapid input.

1000 Hz High Polling Rate: Provides fast response times for an esports-grade low latency experience.

SMARTSPEED Low Latency Technology: Optimized for quick and responsive input.

Hot-Swap Support: The keyboard supports full key hot-swappable mechanical switches, allowing users to easily replace switches without soldering. It is compatible with most switches on the market, enabling personalized customization.

The infographic is divided into three sections, each featuring a small anime-style character icon in the top right corner.

- Lighting Customization:** Shows a keyboard with purple and white lighting. Text: "Rich lighting effects, top lighting design, making it compatible with more keycaps." Below, it lists "Light Customization Function" (press Fn + ~) and "Custom lighting editing" steps: 1) Press Fn + INS to switch to Custom Lighting mode. 2) Then press Fn + ~ again to start adjusting it. Press the key to be defined, and the keyboard lighting will change color with each press. 3) After you have finished making adjustments, press Fn + ~ again to save your changes.
- 8000mAh ultra-long battery life:** Shows a battery icon with "mAh 8000" inside. Text: "Full key anti-ghosting, 1000 Hz high polling rate with an 8000mAh large-capacity battery, supports SMARTSPEED low latency technology for an esports-grade low latency experience."
- Hot-Swap:** Shows a keyboard with switches being replaced. Text: "Supports full key hot-swappable mechanical switches, making it convenient for users to replace switches. Compatible with most switches on the market, so you can create your own exclusive equipment."

Image: Explanations of the keyboard's lighting customization, long battery life, and hot-swappable switch functionality.

KEYCAP REPLACEMENT

The keyboard comes with additional keycaps for customization. Keycaps are classified into 4 height categories (R1-R4). Ensure replacement keycaps match the respective category to prevent damage to the keycaps and switches.

Replacement Instructions

- Use the included keycap puller to carefully remove existing keycaps.
- Align the new keycap with the switch stem and press down gently until it is securely seated.
- Ensure the keycap height (R1, R2, R3, R4) matches the row for proper ergonomics and function.

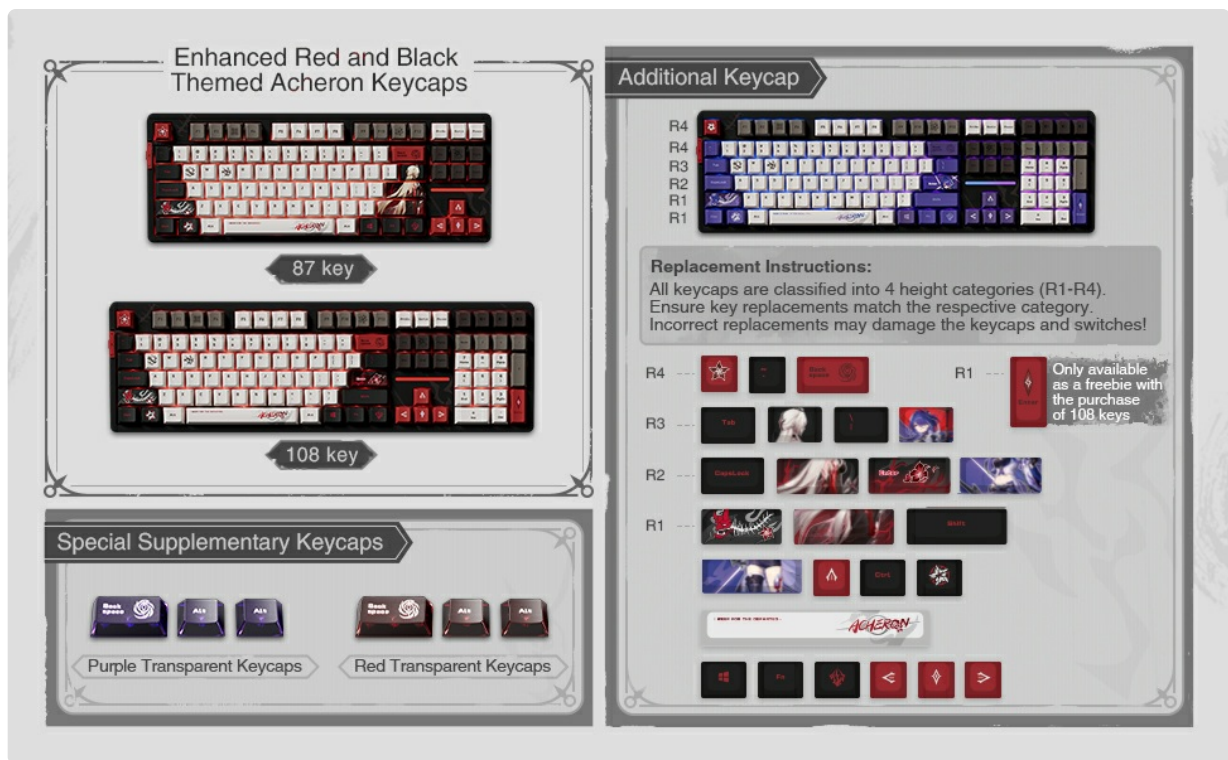


Image: A visual guide to keycap profiles (R1-R4) and instructions for replacing keycaps, including special supplementary keycaps.

MAINTENANCE AND SAFETY NOTES

To ensure the longevity and safe operation of your keyboard, please observe the following guidelines:

- Do not use the device in humid or high-temperature environments to prevent product damage.
- Do not immerse the product in any liquid to avoid short circuits or damage to electronic components.
- Do not disassemble or modify the keyboard yourself to prevent damage and safety hazards.
- If the keyboard malfunctions, please contact a professional technician for repair.
- If the keyboard overheats, emits smoke, or has an unusual smell during use, stop using it immediately.
- Use batteries that meet the keyboard's specifications. Avoid using poor-quality batteries or mixing different models, as this can damage the keyboard.
- When not using the keyboard for an extended period, please remove the battery to prevent leakage and damage to the keyboard.

TROUBLESHOOTING (FAQs)

Q: Why can't I use my Win key?

A: When the Win key is locked by pressing **Fn + Win**, it cannot be used. At this time, the Win indicator light on the keyboard will be turned on. Press **Fn + Win** again to unlock.

Q: Why are my Win and Alt keys swapped, and F1-F12 are not responding or have become function keys?

A: When **Fn + S** is pressed, the keyboard switches to Mac mode. In Windows system, the Win and Alt keys will be swapped, and F1-F12 will become function keys. Press **Fn + A** to switch back to Windows mode.

FAQs

Q Why can't I use my Win key?

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Q Why are my Win and Alt keys swapped, and F1-F12 are not responding or have become function keys?

A When Fn + S is pressed, the keyboard switches to Mac mode. In Windows system, the Win and Alt keys will be swapped, and Fn + F1-F12 will become function keys. Press Fn + A to switch back to Windows mode.

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Image: Common troubleshooting questions and answers, alongside icons representing key features like Gasket structure, hot-swappable keys, and RGB lighting.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official HOYOVERSE website or contact your retailer. Keep your purchase receipt for warranty claims.