

AULA HERO 68 HE Ultra

AULA Hero 68 HE Ultra Wired Gaming Keyboard Instruction Manual

Model: HERO 68 HE Ultra

1. INTRODUCTION

Thank you for choosing the AULA Hero 68 HE Ultra Wired Gaming Keyboard. This manual provides essential information for setting up, operating, and maintaining your new keyboard. Please read it thoroughly to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Keyboard x1
- USB Cable x1
- Keycap Puller x1
- Extra Magnetic Switch x2
- Portable Ribbon x1

AULA HERO 68HE Ultra

Aluminum Magnetic Gaming Keyboard



Image: AULA Hero 68 HE Ultra keyboard and included accessories. The package contains the keyboard, a USB cable, a keycap puller, two extra magnetic switches, and a portable ribbon.

3. SETUP

The AULA Hero 68 HE Ultra keyboard is a wired device. Follow these steps to connect it to your computer:

1. Locate the USB-C port on the left side of the 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.
4. The keyboard will automatically be recognized by your operating system (Windows or Mac).



Image: The AULA Hero 68 HE Ultra keyboard connected to a computer via its USB-C cable. The cable ensures a stable and low-latency connection.

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Video: Demonstrates the connection process of the AULA Hero 68 HE keyboard, showing the USB-C cable being plugged into the keyboard and the keyboard lighting up.

4. KEY FEATURES

- **Quick Trigger (8KHz Polling Rate):** The keyboard features an 8KHz response rate, significantly faster than standard 1kHz rates. This results in extremely low latency, with a maximum single-key scan rate of 256KHz and a full-key scan rate of 32KHz, providing rapid response for gaming.
- **Hot-swappable Magnetic Switches:** Equipped with Hall Effect magnetic switches, offering 0.005mm switch precision and 0.001mm step increments for precise activation. Supports mixed switch configurations with AULA brand magnetic switches. Ensure the power supply is unplugged before replacing switches.
- **Aluminum Frame & 5-Layer Soundproofing:** Constructed with a CNC aluminum shell and genuine carbon fiber side panels for durability and stability. Five layers of internal soundproofing and padding prevent key wobble and ensure consistent keystrokes.

- **RGB Lighting Effects:** This backlit keyboard supports 16 million dynamic RGB lighting effects and music synchronization. The RGB light box and keyboard backlight module can be adjusted via driver and shortcut keys, enabling independent control of the main key area and light box area.
- **Web Driver Customization:** No software installation required; easily customize keyboard settings online. This driver allows you to customize the lighting effects of the main panel key zone and light box, as well as various advanced key functions such as RS and SOCD. Players can also customize each key through the driver to achieve personalized settings. Web driver connection: bit.ly/m/AULA (This driver is only compatible with Windows systems).
- **65% Compact Layout:** This compact layout keyboard maximizes desktop space utilization, leaving more room for mouse movement while retaining the arrow keys to meet the needs of different users. This wired gaming keyboard features five-sided thermal sublimation PBT keycaps with a dry touch and wear and oil resistance. The standard height and cross slot design make it easy for gamers to replace keycaps.



Image: The AULA Hero 68 HE Ultra keyboard in a gaming setup, highlighting its rapid trigger, 8000Hz polling rate, and ultra-low latency for competitive gaming.



Image: Close-up view of the Hall Effect Magnetic Switches on the AULA Hero 68 HE Ultra keyboard, emphasizing their precision and hot-swappable design.



Image: The AULA Hero 68 HE Ultra keyboard displaying its vibrant 16 million RGB lighting effects, including the illuminated lightbox.

5. OPERATING INSTRUCTIONS

5.1. Basic Key Functions

Due to the 65% compact layout, some functions are accessed via key combinations using the **Fn** key. Refer to the quick operation guide card included in the package for a full list of combinations.

Quick Victory

Advanced SOCD function of the driver software allows you to win quickly, accurately and steadily in the game



Image: The AULA Hero 68 HE Ultra keyboard displaying various key combinations for accessing additional functions, typically involving the Fn key.

5.2. RGB Lighting Control

The keyboard features extensive RGB lighting customization for both the keys and the lightbox. You can adjust these settings directly on the keyboard or through the web driver.

- **Switch Keyboard Backlight Mode:** Press **Fn + PgUp**.
- **Switch Keyboard Backlight Color:** Press **Fn + Del**.
- **Adjust Brightness:** Press **Fn + Up Arrow** (increase) or **Fn + Down Arrow** (decrease).
- **Adjust Speed:** Press **Fn + Right Arrow** (increase) or **Fn + Left Arrow** (decrease).
- **Switch Lightbox Mode:** Press **Fn + Right Alt**.
- **Switch Lightbox Color:** Press **Fn + X**.

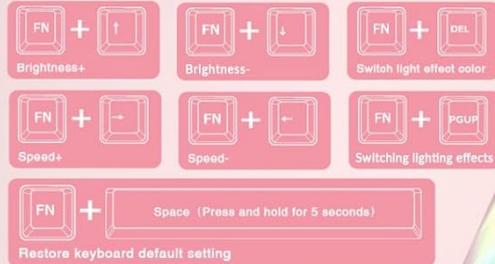
16 Million RGB Backlight

In conjunction with the driver program, all buttons support custom functions and macro definitions, enabling over 16 million color customization adjustments.

Lightbox adjustment shortcut keys

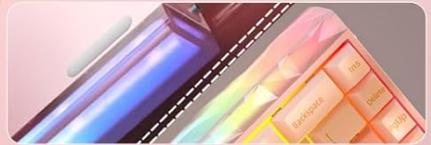


Backlit keyboard shortcut keys



Rectangular light box

Crystal light box



Note: Two versions are shipped randomly.

Image: The AULA Hero 68 HE Ultra keyboard with a visual guide to RGB lighting adjustment shortcuts, including modes, colors, brightness, and speed controls.

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Video: Demonstrates the typing sound and various RGB lighting effects of the AULA Hero 68 HE keyboard, showcasing different colors and patterns.

5.3. Hall Effect Magnetic Switches

The Hall Effect magnetic switches allow for adjustable actuation points and rapid trigger settings. These can be configured using the web driver for personalized performance.

Quick Victory

Advanced SOCD function of the driver software allows you to win quickly, accurately and steadily in the game



Image: The AULA Hero 68 HE Ultra keyboard illustrating the SOCD (Simultaneous Opposite Cardinal Directions) function, which helps in competitive gaming by prioritizing inputs.

5.4. Web Driver Customization

Access the web driver by visiting bit.ly/m/AULA (Windows systems only). The driver allows for:

- Customizing lighting effects for both main keys and the lightbox.
- Adjusting advanced key functions like Rapid Trigger (RT), Dynamic Key Travel (DKS), Multi-Point Trigger (MPT), Toggle (TGL), and Simultaneous Opposite Cardinal Directions (SOCD).
- Creating and assigning macros.
- Setting individual key actuation and reset points.

Programmable Web Driver

Users can connect the driver via bit.ly/m/AULA
Note: The driver currently only supports Windows

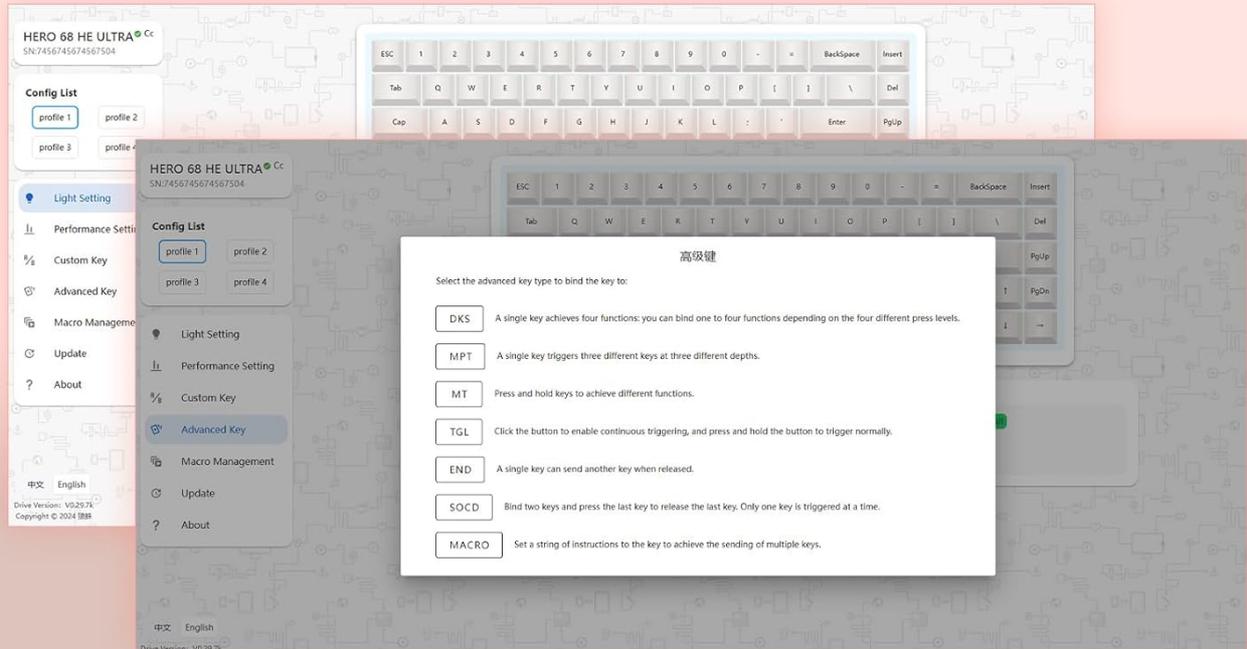


Image: Screenshot of the AULA Hero 68 HE Ultra web driver interface, showing options for customizing lighting, performance, and advanced key functions.

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Video: AULA HERO 68 HE Pro Magnetic Switch Gaming Keyboard - This video demonstrates the features and customization options of the AULA web driver for the keyboard.

6. MAINTENANCE

To ensure the longevity and optimal performance of your AULA Hero 68 HE Ultra keyboard, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For deeper cleaning, remove keycaps using the provided keycap puller and use compressed air to clear debris.
- **Switch Replacement:** If replacing magnetic switches, ensure the keyboard is unplugged from the power source to prevent damage.
- **Storage:** Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter any issues with your keyboard, try the following solutions:

- **Keyboard Not Responding:**

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Restart your computer.

- **RGB Lighting Not Working:**

- Check the lighting settings via the web driver or using the keyboard shortcuts (Fn + PgUp, Fn + Del).
- Ensure the keyboard firmware is up to date via the web driver.

- **Keys Not Registering Correctly:**

- Clean under the keycaps to remove any debris.
- If a specific switch is faulty, replace it with one of the extra magnetic switches provided.
- Calibrate the switches using the web driver's performance settings.

8. SPECIFICATIONS

| Feature | Detail |
|-------------------------------------|--|
| Brand | AULA |
| Model Number | HERO 68 HE Ultra |
| Connectivity Technology | USB-C |
| Keyboard Description | Gaming |
| Special Features | Backlit, Ergonomic, Hot-Swappable, Programmable Keys |
| Keyboard Backlighting Color Support | RGB |
| Material | Aluminum, Metal, Plastic |
| Item Weight | 1.98 pounds |
| Package Dimensions | 16.14 x 7.2 x 3.23 inches |

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included in your product package or visit the official AULA website. Keep your proof of purchase for any warranty claims.