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› Aula Hero 84 HE Mechanical Gaming Keyboard User Manual

CORBOBO HERO 84HE

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Model: HERO 84HE

INTRODUCTION

The Aula Hero 84 HE is a high-performance 75% compact mechanical gaming keyboard designed for precision and speed. Featuring proprietary magnetic switches, Hall Effect technology, and an 8000Hz polling rate, it offers rapid response times crucial for competitive gaming. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your keyboard to ensure optimal performance and longevity.



Figure 1: The Aula Hero 84 HE Mechanical Gaming Keyboard, showcasing its compact design and RGB lighting.

SETUP

1. Connecting the Keyboard

The Aula Hero 84 HE keyboard connects via a wired USB-C connection. Locate the USB-C port on the left side of the keyboard and connect the provided USB-C cable. Plug the other end of the cable into an available USB port on your computer (PC or Laptop).



Figure 2: Connecting the USB-C cable to the Aula Hero 84 HE keyboard.

2. Web-Based Driver Configuration

This keyboard utilizes a convenient web-based driver, eliminating the need for software installation. To access the configuration tool:

1. Open your web browser.
2. Navigate to the URL: bit.ly/m/AULA
3. On the webpage, select "HERO 68/84 HE" from the list of models.
4. You can now customize key mappings, create macros, adjust lighting effects, and more directly from your browser.



Figure 3: Screenshot showing the model selection interface on the web-based driver.

OPERATING INSTRUCTIONS

1. Magnetic Switches and Rapid Trigger Mode

The Aula Hero 84 HE features advanced Hall Effect magnetic switches with an ultra-low actuation distance of 0.01mm. This technology enables lightning-fast response times and the Rapid Trigger mode, allowing you to release and repeatedly press keys at an accelerated rate for competitive gaming.

ADVANCED KEYBOARD TECHNOLOGY ULTRA-FAST RESPONSE AND PRECISION

The driver-adjustable magnetic switch actuation range is from 0.1mm to 3.4mm, with an RT adjustment precision of 0.01mm



8000Hz
Keyboard polling rate



128K Hz
Single-key scanning rate



0.125ms
Key delay as low as



Figure 4: Illustration of the Hall Effect technology and its ultra-low actuation distance.

RAPID TRIGGER MODE AND ADJUSTABLE ACTUATION

Drive adjustable magnetic shaft triggering stroke range of 0.01-3.4mm.

Unlock maximum speed and response with the ability to release and repeatedly press keys at a faster rate.

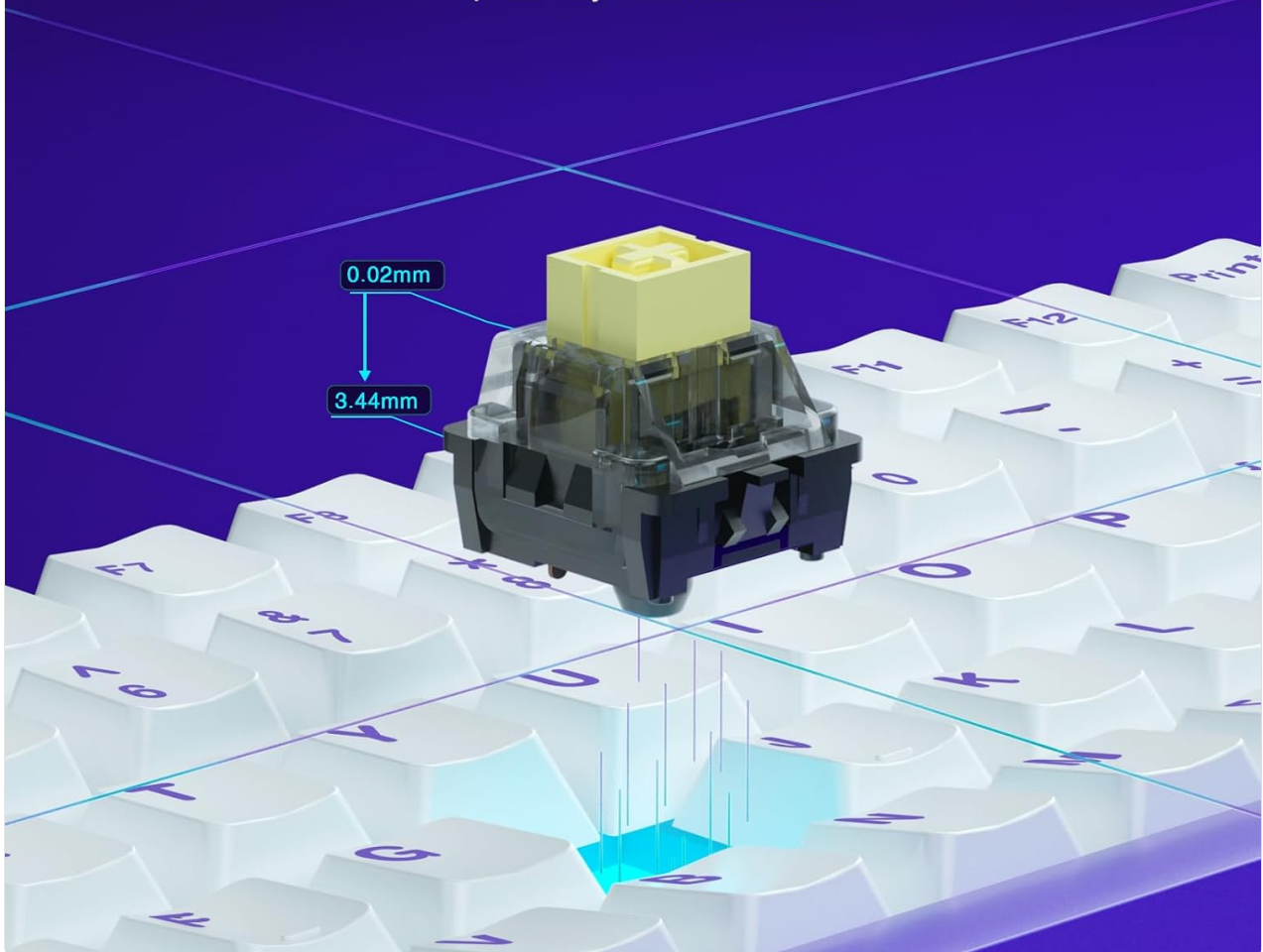


Figure 5: Visual representation of the Rapid Trigger mode, highlighting adjustable actuation.

2. RGB Lighting System

The keyboard features a versatile RGB backlighting system with 20 preset lighting effects and 16 million color options. The top-mounted light box also supports independent control. You can customize all lighting aspects, including effects, speed, and brightness, using the web-based driver.

FULL-KEY HOT-SWAPPABLE PBT DOUBLE SHOT KEYCAPS

Easily replace keyboard switches and keycaps

Meet personalized needs, compatible with most magnetic switches on the market (2pin). PBT keycaps have high wear resistance, frosted hand feeling, fadeproof legends offer a degree of superior to regular keycaps.

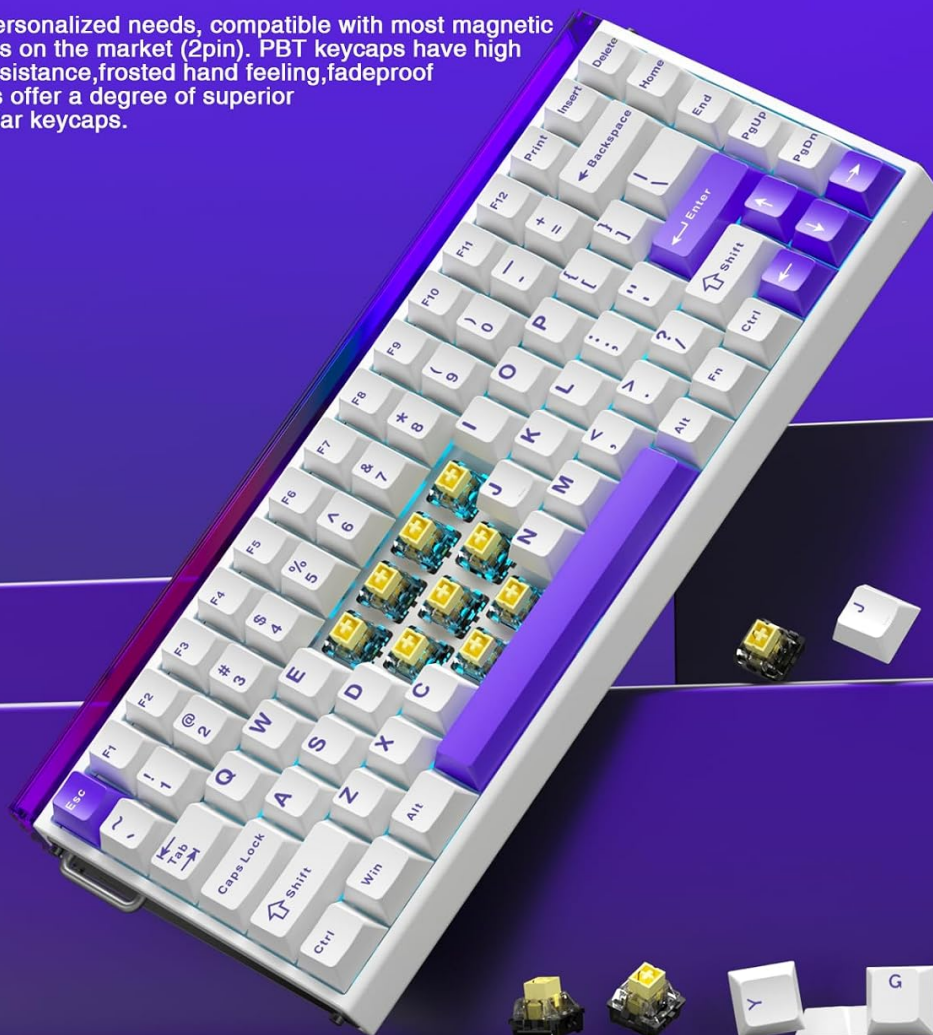


Figure 6: The Aula Hero 84 HE showcasing its vibrant RGB backlighting and light box.

3. Programmable Keys and Macros

Utilize the web-based driver to fully program your keyboard. You can customize key mappings and create complex macros to streamline your workflow and enhance your gaming performance. The driver allows for dynamic keystrokes, switching triggers, and quick trigger functions.

FULLY PROGRAMMABLE GAMING KEYBOARD MAP TO THE SHORTCUTS AND MACROS YOU NEED MOST

1. Dynamic Keystroke (DKS): The current button can be modified to bind 1 to 4 functions depending on the degree of pressing and releasing.
2. Press and hold/click (MT) a single button to achieve two functions; Pressing and holding a button is one type, clicking a button is another type.
3. Switching switch (TGL): You can modify the current button to continuously trigger when clicked, and press and hold the button to trigger normally.
4. PRCS (SOCD function) binds two buttons, and the button pressed later will force the release of the previous button, triggering only one button at a time.
5. Quick Trigger Function (RT) Quick trigger will dynamically adjust your trigger stroke and reset stroke based on your intention to press or release the button.
6. Visualize fast magnetic switch travel calibration.
7. Real time detection of visualized magnetic switch travel.



Figure 7: The comprehensive interface of the web-based driver for key and macro customization.

4. Compact 75% Design

The 75% layout of the HERO 84 HE provides a space-saving design while retaining essential function keys (F1-F12), direction keys, and editing keys. This compact form factor is ideal for optimizing desk space and improving ergonomics during long gaming or work sessions.

75% COMPACT DESIGN 84 KEYS, SPACESAVING, EASY TO CARRY

Compared with the 60% keyboard, the 75% layout retains the F1-F12 function keys), direction keys and some editing keys (such as Delete, PgUp/PgDn), but reduces redundant space through a compact and minimalist arrangement, and the overall size is smaller (size is approximately 31.3×13.9cm, weight is 910g).



Figure 8: The 75% compact layout of the Aula Hero 84 HE, demonstrating its space-saving design.

5. Full-Key Hot-Swappable PBT Double Shot Keycaps

The keyboard features full-key hot-swappable PBT double shot keycaps, allowing for easy replacement of switches and keycaps. This enables personalization and extends the lifespan of your keyboard. PBT keycaps offer high wear resistance and a frosted hand feeling.

INNOVATIVE MAGNETIC SWITCH TECHNOLOGY SMOOTH FEEL, PRECISE TRIGGER

Faster response speed, longer life, and adjustable trigger pressure,
Meet different usage methods.



Figure 9: The hot-swappable design of the Aula Hero 84 HE, showing removable keycaps and switches.

MAINTENANCE

1. General Cleaning

- Disconnect the keyboard from your computer before cleaning.
- Use a can of compressed air to remove dust and debris from between the keycaps.
- Wipe the surface of the keycaps and keyboard body with a soft, slightly damp, lint-free cloth. Avoid using harsh chemicals or abrasive materials.

2. Keycap and Switch Replacement

Thanks to the hot-swappable design, you can easily remove and replace keycaps and switches. Use the included keycap puller to gently remove keycaps. For switches, use the switch puller to carefully extract them. Ensure proper alignment when reinserting to avoid damage.

TROUBLESHOOTING

- **Keyboard Not Responding:**

Ensure the USB-C cable is securely connected to both the keyboard and your computer. Try a different USB port or a different USB-C cable if available. Restart your computer.

- **Keys Not Registering or Sticking:**

Clean around and under the affected keycap using compressed air. If the issue persists, carefully remove the keycap and switch (refer to Maintenance section) and re-seat them. For persistent issues, check the web-based driver for any accidental remappings or profile issues. Some users have reported temporary shift key sticking on boot-up, which can often be resolved by a hard reset of the computer.

- **RGB Lighting Issues:**

Access the web-based driver (bit.ly/m/AULA) to verify lighting settings. Ensure brightness is not set to minimum. Check for any conflicting software that might be controlling RGB.

- **Web-Based Driver Access Issues:**

Ensure you have an active internet connection. Double-check the URL for typos. Try clearing your browser's cache and cookies, or use a different browser. Ensure you select "HERO 68/84 HE" correctly on the site.

- **Profile Switching:**

To switch profiles, hold down the Function (Fn) key and press V for Profile 1, B for Profile 2, and N for Profile 3.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.6 x 5.47 x 1.67 inches
Item Weight	2.9 pounds
Manufacturer	AULA
Item Model Number	HERO 84HE
Connectivity Technology	USB-C, Wired
Keyboard Description	Magnetic Switches Hall Effect Keyboard
Special Features	Backlit, Hall Effect Keyboard, Magnetic Switches, Programmable Keys
Color	White&Purple (RGB Backlighting)
Number of Keys	84
Polling Rate	8000Hz

Feature	Detail
Actuation Distance	Adjustable from 0.01mm

WARRANTY AND SUPPORT

CORBOBO is committed to your satisfaction. For any questions about the HERO 84 HE or if you need assistance, please contact customer support. We aim to respond within 24 hours.

Warranty Information:

Enjoy peace of mind with our **2-year limited warranty** covering manufacturing defects and hardware malfunctions under normal use. Please note that the warranty does not cover damage caused by misuse, unauthorized modifications, or normal wear and tear.

For support, visit the CORBOBO Store on Amazon: [CORBOBO Store](#)