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› AULA WIN68 HE Mechanical Gaming Keyboard 60%, Hall Effect Magnetic Switch, Rapid Trigger Mode Adjustable Actuation, 8000Hz Polling Rate, RGB Backlit Wired Keyboard for Laptop/PC Gamer Black-standard version

AULA WIN

AULA WIN68 HE Mechanical Gaming Keyboard

USER MANUAL

1. INTRODUCTION

Product Overview

The AULA WIN68 HE Mechanical Gaming Keyboard is a compact 60% keyboard designed for professional gamers and users seeking high performance and customization. It features Hall Effect magnetic switches, rapid trigger mode, and an 8000Hz polling rate for ultra-fast response times.



Figure 1: AULA WIN68 HE Mechanical Gaming Keyboard (Black-standard version).

Key Features

- Rapid Trigger Gaming Keyboard with 8,000Hz polling rate and 0.3ms latency.
- Hall Effect Magnetic Switches with adjustable actuation point (0.02mm-3.44mm).
- Customizable Web Driver for key mapping, macros, RGB lighting, and advanced functions (Windows only).
- 16.8 Million RGB Backlight with south-facing LEDs and 14 preset effects.
- 60% Compact Wired Keyboard with 68 keys, retaining arrow and basic function keys.

2. WHAT'S IN THE BOX

Upon opening your AULA WIN68 HE keyboard package, please ensure all the following items are present:



Figure 2: All items included in the AULA WIN68 HE keyboard package.

- Keyboard (1)
- USB Cable (1)
- Keycap Puller (1)
- Extra Magnetic Switch (2)

- Portable Ribbon (1)

3. SETUP

Connecting Your Keyboard

The AULA WIN68 HE keyboard connects via a detachable USB-C cable, ensuring a stable and reliable connection for optimal performance.

1. Locate the USB-C port on the back or side of your AULA WIN68 HE keyboard.
2. Insert the USB-C end of the provided cable into the keyboard's port.
3. Connect the USB-A end of the cable to an available USB port on your computer (Laptop or PC).
4. The keyboard should be automatically recognized by your operating system.



Figure 3: Connecting the detachable USB-C cable to the keyboard.

Driver Installation and Web Driver Usage

The AULA WIN68 HE keyboard features a professional web driver for extensive customization. This driver does not require a download and is compatible with Windows systems only.

1. Ensure your keyboard is connected to a Windows PC.
2. Visit the official AULA website (aulastar.com).
3. Navigate to the 'Downloads' section and select 'Driver'.
4. Locate the link for 'WIN68 Magnetic Switch Keyboard Website Driver' and select 'Standard Edition'.
5. Click 'Allow browser access' and choose your device to connect.
6. Once connected, you can customize RT/SOCD/DKS/MT/TGL functions, key mapping, macro editing, RGB lighting, and other settings directly in your browser.

Your browser does not support the video tag.

Video 1: Instructions on how to connect and use the AULA WIN68 HE web driver (Standard Edition).



Figure 4: Overview of the AULA WIN68 HE web driver interface for customization.

4. OPERATING INSTRUCTIONS

Key Customization and Actuation

The Hall Effect magnetic switches allow for precise control over actuation points and rapid trigger functionality.

- **Adjustable Actuation Point:** Each key's actuation point can be personalized from 0.02mm to 3.44mm, with adjustments in 0.1mm increments via the web driver.
- **Rapid Trigger Mode:** This mode dynamically adjusts the trigger stroke and reset stroke based on your intention to press or release the button, providing instant response.
- **Dynamic Keystroke (DKS):** Bind 1 to 4 functions to a single button depending on the degree of pressing and releasing.
- **Press and Hold/Click (MT):** Assign two functions to a single button; one for a quick click and another for a sustained press.
- **Switching Toggle (TGL):** Modify a button to trigger continuously when clicked, and to trigger normally when held.

HIGH-PERFORMANCE MAGNETIC SWITCH FOR PROFESSIONAL GAMER

Version	WIN68 HE(Standard)	WIN68 HE Pro	WIN68 HE MAX
Color	Black	Grey	Black&Red Grey&Yellow Grey&White&Blue
Keycap Craftsmanship	Dual Color Injection Molding		PBT Dual Color Injection Molding
Switch Type	Gray Wood Magnetic Switch	Semantic Magnetic Switch	Wing Chun Magnetic Switch
RT Adjustment Accuracy	0.02mm	0.02mm	0.01mm
Rapid Trigger Range	0.02-3.44mm	0.02-3.3mm	0.01-3.3mm
Scanning Rate	4K		
Polling Rate	8000Hz		
Minimum Latency	0.3 ms	0.2 ms	0.2 ms
Initial Pressure	32gf	33gf	36gf
Bottom Pressure	50gf	53gf	49gf
Connection method	USB-C Wired Connection		



Gray Wood Magnetic Switch



Semantic Magnetic Switch



Wing Chun Magnetic Switch

Figure 5: Detailed view of Hall Effect magnetic switches and their adjustable actuation points.

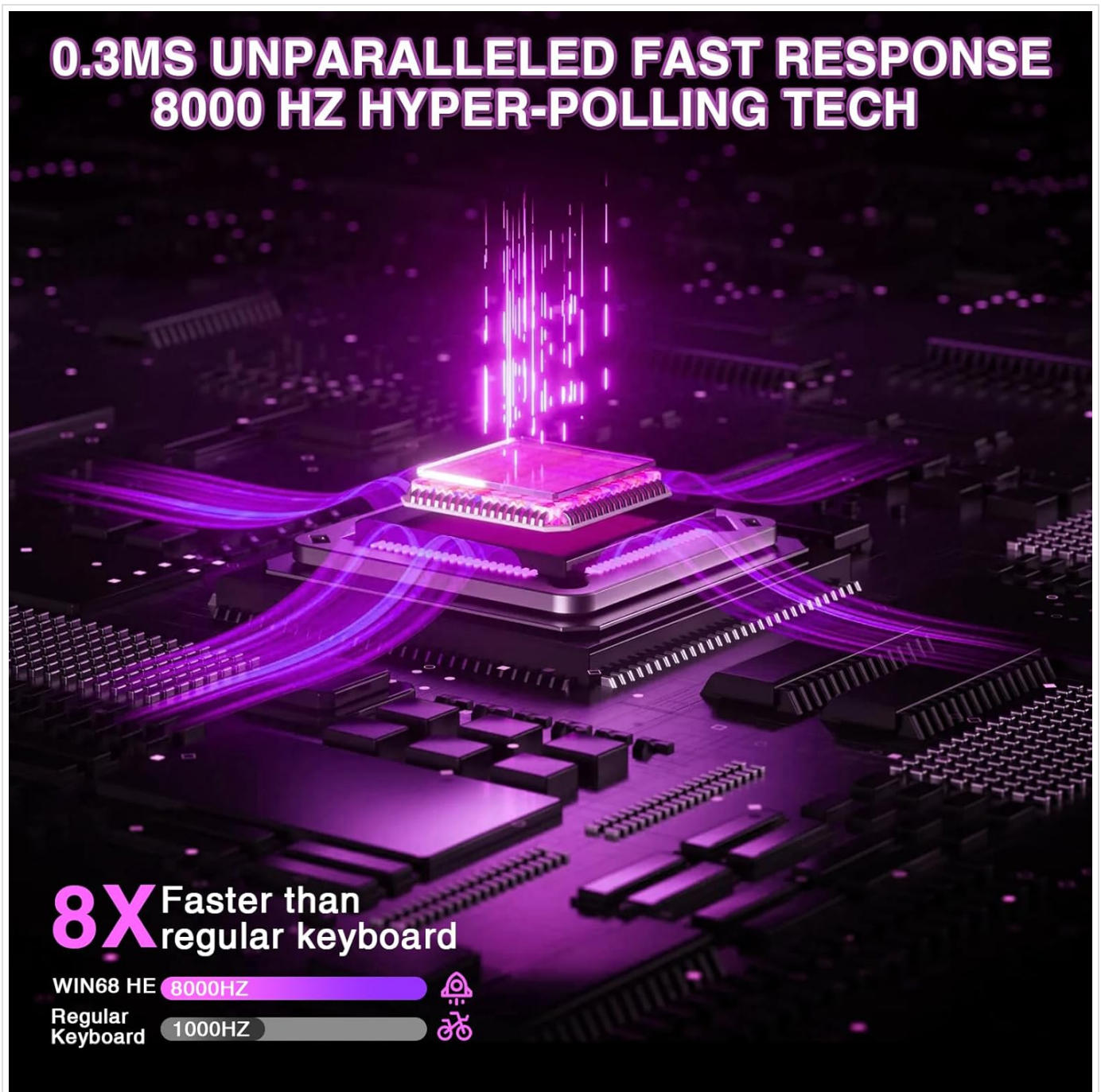


Figure 6: Visual explanation of Rapid Trigger mode compared to regular switches.

RGB Backlight Control

The keyboard features vibrant 16.8 million color RGB backlighting. You can easily adjust lighting effects and brightness using FN key combinations or the web driver.

- **FN + Right Shift:** Turn on/off the backlight.
- **FN + Right Ctrl:** Switch lighting color.
- **FN + Right Alt:** Switch lighting effect.
- **FN + Up Arrow:** Increase light brightness.
- **FN + Down Arrow:** Decrease light brightness.
- **FN + Left Arrow:** Decrease light speed.
- **FN + Right Arrow:** Increase light speed.



Figure 7: FN key combinations for controlling RGB backlight effects and brightness.

Compact Layout Usage

The 60% compact design saves desktop space while retaining essential keys. All keyboard commands can be accessed using FN key combinations.

IDEAL FOR FPS, MOBA AND FAST-PACED ACTION GAMES

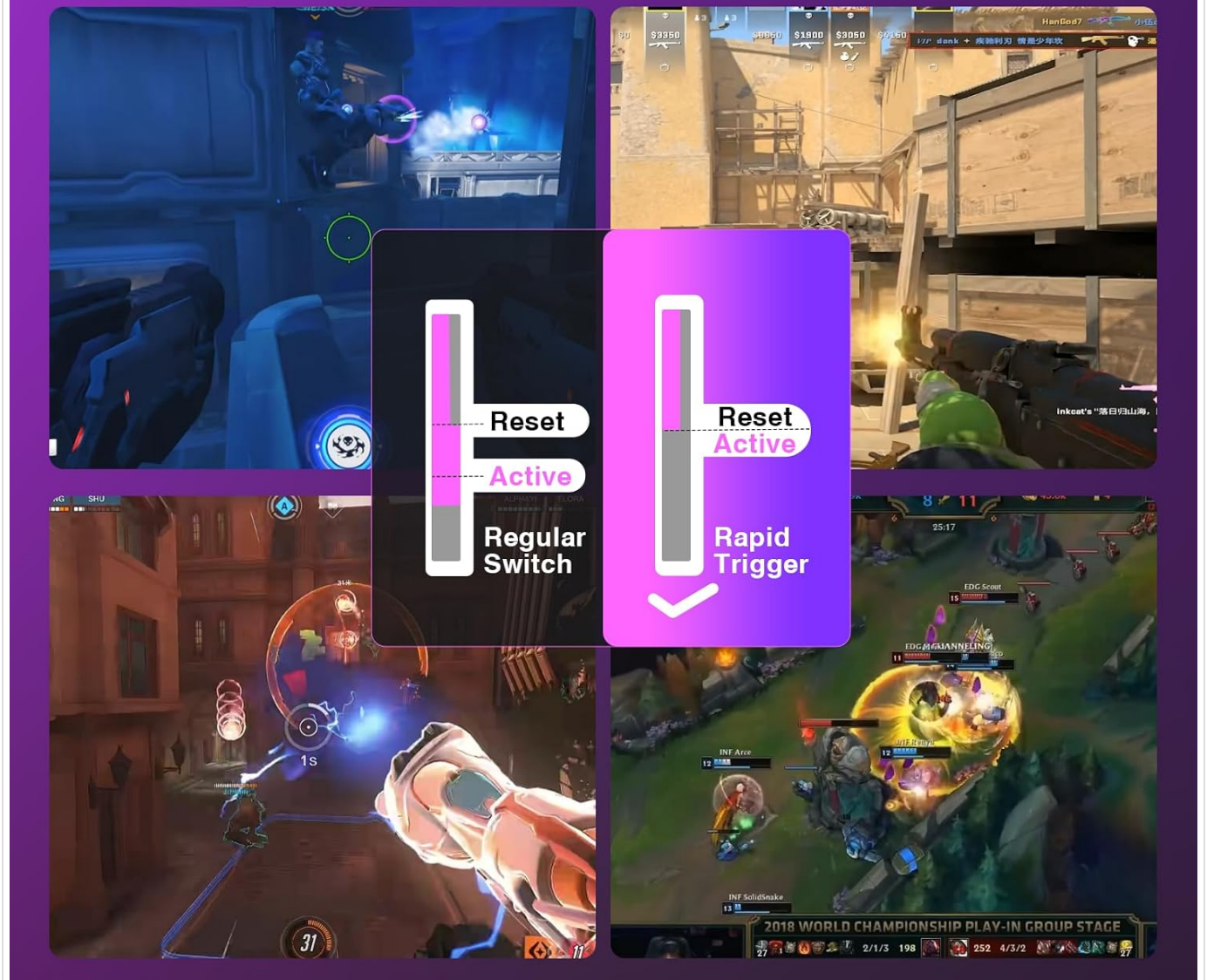


Figure 8: The compact 60% layout of the AULA WIN68 HE keyboard on a desk.

5. MAINTENANCE

Cleaning Your Keyboard

Regular cleaning helps maintain the performance and appearance of your keyboard.

- Disconnect the keyboard from your computer before cleaning.
- Use a can of compressed air to blow away dust and debris from between the keycaps.
- Wipe the keycaps and keyboard surface with a soft, slightly damp cloth. Avoid excessive moisture.
- For stubborn grime, you may use a small amount of isopropyl alcohol on the cloth.

Replacing Keycaps and Switches

The AULA WIN68 HE features hot-swappable magnetic switches, allowing for easy replacement of both keycaps and switches without soldering.

1. Use the provided keycap puller to gently remove the desired keycap by pulling straight up.
2. Once the keycap is removed, use a switch puller (not included, but compatible with magnetic switches) to grip the switch from its sides and pull it straight out.
3. To install a new switch, align its pins with the holes on the PCB and press down firmly until it clicks into place.
4. Place the new keycap onto the switch stem and press down until it is securely attached.

6. 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 cable.
- **RGB backlight not working:** Check FN key combinations for turning on/off the backlight (FN + Right Shift). Verify settings in the web driver.
- **Keys not registering or double-typing:** This could indicate an issue with the magnetic switch. Try replacing the affected switch with one of the extra switches provided.
- **Web driver not connecting:** Ensure your browser allows access to HID devices. The web driver is only compatible with Windows operating systems.
- **Customization issues:** Refer to the detailed options within the web driver interface for specific customization settings.

7. SPECIFICATIONS

Feature	Specification
Brand	AULA
Model Number	WIN
Product Dimensions	14 x 6 x 1.7 inches
Item Weight	1.51 pounds
Number of Keys	68
Connectivity Technology	USB-C
Keyboard Backlighting	RGB (16.8 Million Colors)
Polling Rate	8000Hz
Actuation Point Range	0.02mm-3.44mm
Compatible Devices	Laptop, Gaming Console, PC

8. WARRANTY AND SUPPORT

AULA is committed to providing high-quality products and customer satisfaction. For any product-related inquiries, technical support, or warranty claims, please contact AULA customer service through their official website or the retailer where the product was purchased.

Extended protection plans may be available for purchase to cover your device beyond the standard warranty. Please check with your retailer for details on available protection plans.

For more information about AULA and their products, visit the [AULA Store on Amazon](#).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question