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SEUNKWANG Battle68

SEUNKWANG EWEADN Battle68 60% Gaming Keyboard User Manual

Model: Battle68 (EWEADN-Battle68-FU)

1. INTRODUCTION

Thank you for choosing the SEUNKWANG EWEADN Battle68 60% Gaming Keyboard. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your new keyboard. The Battle68 is designed for high-performance gaming, featuring Hall Effect magnetic switches, adjustable actuation, an 8K polling rate, and customizable RGB lighting.



Image 1.1: The EWEADN Battle68 60% Gaming Keyboard in black and red.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- EWEADN Battle68 60% Gaming Keyboard
- USB-C Cable
- Keycap Puller
- Keyboard Dust Cover
- User Manual (this document)

3. PRODUCT OVERVIEW

The Battle68 keyboard integrates advanced features for a superior gaming experience:

- **Hall Effect Magnetic Switches:** Provides adjustable actuation points for precise control and rapid response.
- **Rapid Trigger Technology:** Allows keys to reset instantly upon release, enabling faster repeated inputs.
- **8K Polling Rate:** Ensures ultra-low latency with a theoretical response time of 0.125ms.
- **Adjustable Actuation Range:** Customize key press sensitivity from 0.02mm to 3.4mm.
- **Double-Shot PBT Keycaps:** Durable and wear-resistant keycaps with side-printed legends.
- **Web-based Driver:** For macro programming, key remapping, and RGB customization.
- **Full RGB Backlighting:** 16 million colors with various lighting effects.
- **Hot-Swappable Switches:** Easily replace switches with other compatible magnetic switches.



Image 3.1: Key features of the Battle68 keyboard including Space Magnetic Switch, Rapid Trigger, DSK Dynamic Keystroke, 0.02mm adjustable accuracy, Web-based Software, Full Key Hot-swap, 16 Million Colors RGB, TOP Mount Fill, and Windows/macOS compatibility.

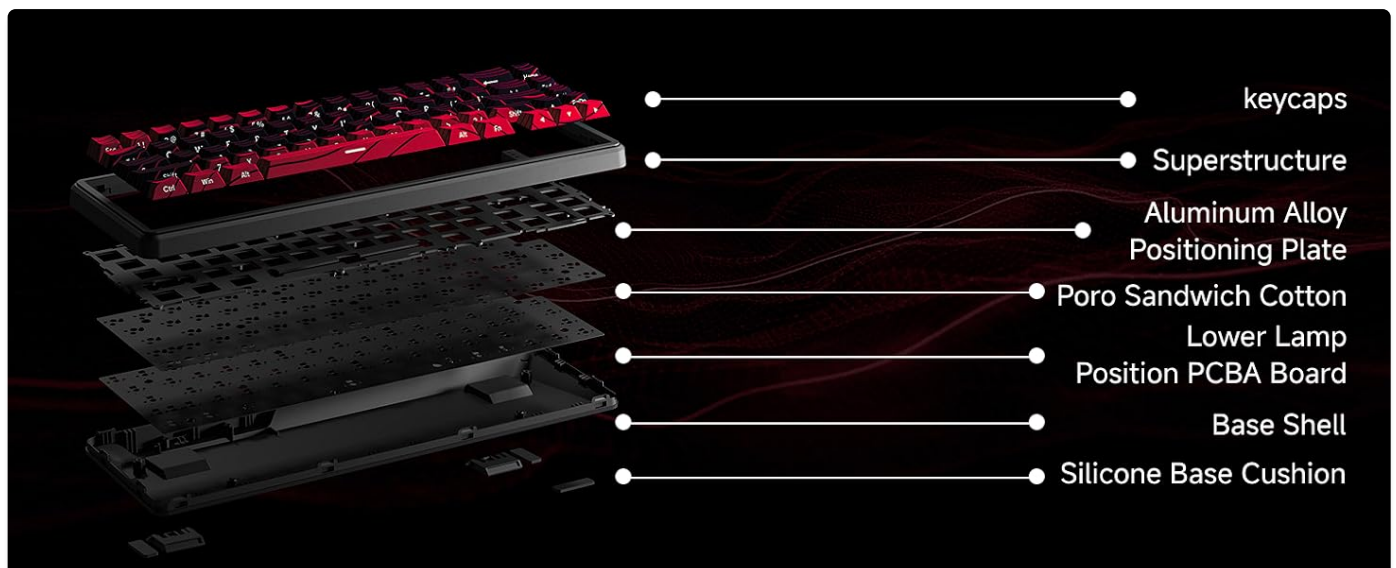


Image 3.2: Exploded view of the Battle68 keyboard components, showing keycaps, superstructure, aluminum alloy positioning plate, poro sandwich cotton, lower lamp position PCBA board, silicone base cushion, and base shell.

4. SETUP

4.1 Connecting the Keyboard

1. Locate the USB-C port on the back of the Battle68 keyboard.

2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-C cable to an available USB port on your computer.
4. The keyboard will automatically be recognized by your operating system (Windows or macOS).

4.2 Software Installation (Web Driver)

The Battle68 keyboard utilizes a web-based driver for advanced customization. No local software installation is required.

1. Open your preferred web browser.
2. Navigate to the official EWEADN web driver portal (refer to the packaging or official product page for the exact URL).
3. Connect your keyboard to the web driver interface as prompted. This allows access to macro programming, key function remapping, and RGB lighting customization.

5. OPERATING INSTRUCTIONS

5.1 Basic Keyboard Functions

The Battle68 is a 60% layout keyboard, meaning some functions are accessed via a combination of keys, typically using the Function (Fn) key.

- **Standard Typing:** Use as a regular keyboard for text input.
- **Arrow Keys:** Typically accessed via Fn + W/A/S/D or dedicated keys if present in the 60% layout. Refer to the keycap legends for specific combinations.
- **Function Row (F1-F12):** Accessed via Fn + number keys (1-0, -, =).

5.2 Adjustable Actuation and Rapid Trigger

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

- **Adjustable Actuation:** The actuation point (the distance a key needs to be pressed to register an input) can be set from 0.02mm to 3.4mm using the web driver software. A lower value results in a more sensitive key press, ideal for competitive gaming.
- **Rapid Trigger:** This feature allows a key to register a new input as soon as it begins to rise, without needing to return to its full reset position. This significantly reduces input lag for repeated key presses. Configure Rapid Trigger sensitivity via the web driver.

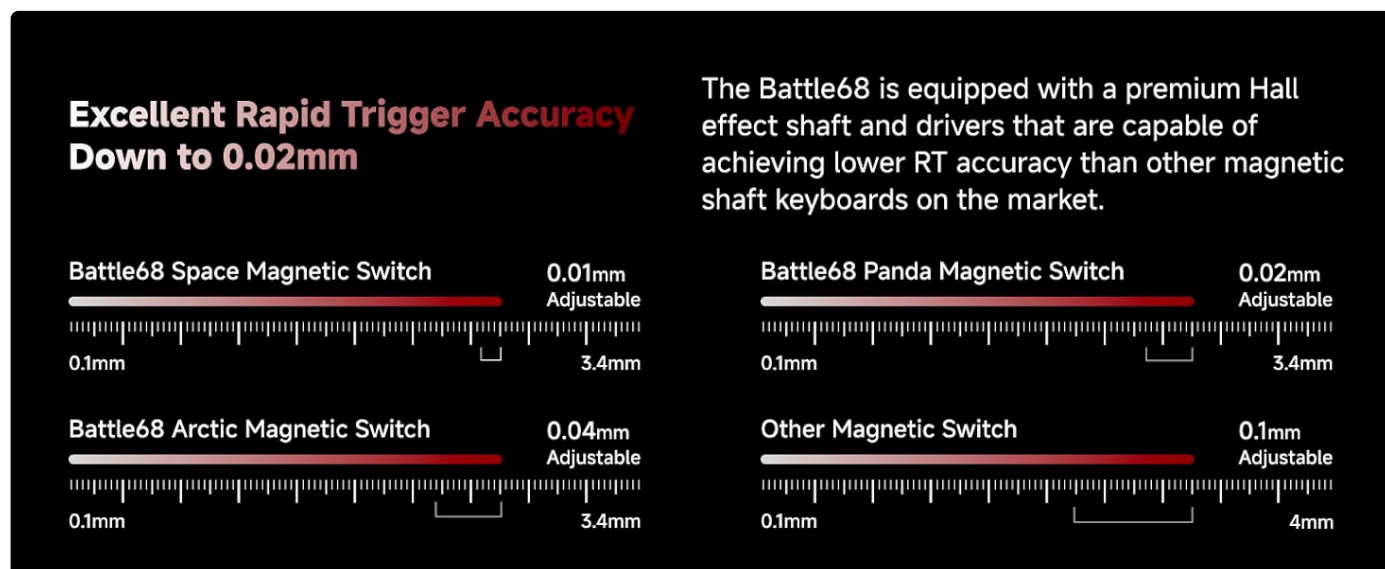


Image 5.1: Comparison of Rapid Trigger accuracy for Battle68 Space Magnetic Switch (0.01mm), Panda Magnetic Switch

(0.02mm), Arctic Magnetic Switch (0.04mm), and other magnetic switches (0.1mm).

5.3 Customizing RGB Lighting

The Battle68 features full RGB backlighting with 16 million colors and various effects.

- **Onboard Control:** Some basic lighting effects and brightness adjustments may be available via Fn key combinations. Refer to the keyboard's specific key legends.
- **Web Driver Customization:** For full control, use the web-based driver to select from preset effects, customize individual key lighting, adjust brightness, speed, and color patterns.

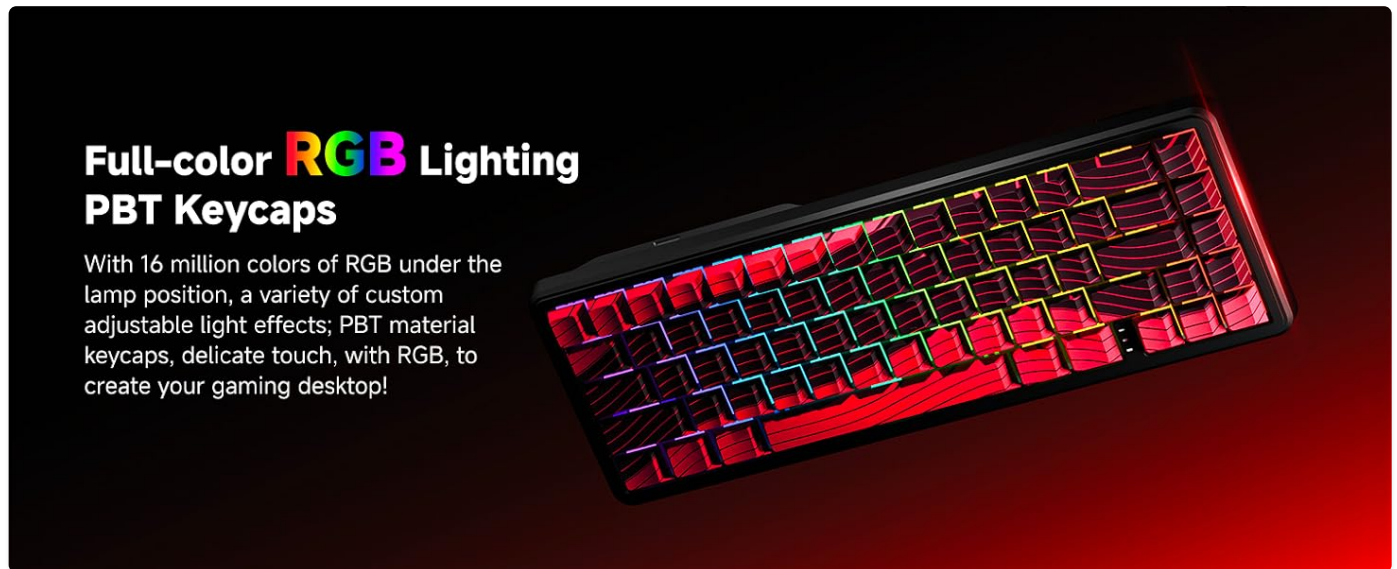


Image 5.2: The Battle68 keyboard showcasing its full-color RGB lighting and PBT keycaps.

5.4 Macro Programming and Key Remapping

The web-based driver allows for extensive customization of key functions and macros.

- **Macro Creation:** Record sequences of key presses and assign them to a single key for complex actions in games or productivity tasks.
- **Key Remapping:** Change the function of any key to suit your preferences.
- **Profiles:** Create and save multiple profiles for different applications or games, allowing quick switching between custom layouts.

6. MAINTENANCE

6.1 Cleaning the Keyboard

Regular cleaning helps maintain performance and appearance.

- Disconnect the keyboard from your computer.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.
- For stubborn dirt, use a slightly damp, lint-free cloth with a mild cleaning solution. Avoid excessive moisture.
- Do not spray cleaning solutions directly onto the keyboard.

6.2 Keycap and Switch Replacement

The Battle68 features hot-swappable Hall Effect magnetic switches, allowing for easy replacement or customization.



Image 6.1: Illustration of hot-swappable Hall Effect switches, showing a keycap and switch being removed.

1. **Keycap Removal:** Use the provided keycap puller to gently remove keycaps. Hook the puller onto the keycap and pull straight up.
2. **Switch Removal:** After removing the keycap, use a switch puller (not included, but compatible with magnetic switches) to carefully unclip and pull out the magnetic switch.
3. **Switch Installation:** Align the new magnetic switch with the socket on the PCB and press down firmly until it clicks into place. Ensure the pins are not bent.
4. **Keycap Installation:** Place the desired keycap over the switch stem and press down gently until it is secure.

7. TROUBLESHOOTING

If you encounter issues with your Battle68 keyboard, refer to the following common solutions:

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty cable, driver issue.	Check USB-C cable connection. Try a different USB port or cable. Restart your computer. Ensure the web driver recognizes the keyboard.
Keys not registering or double inputs	Incorrect actuation setting, switch malfunction, software glitch.	Adjust actuation point in the web driver. Ensure Rapid Trigger is configured correctly. If a specific key is faulty, consider replacing the switch. Update web driver firmware if available.
RGB lighting not working or incorrect	Software settings, power issue.	Check RGB settings in the web driver. Ensure the keyboard is receiving sufficient power. Try resetting lighting effects to default.
Macros not working	Incorrect macro programming, profile not active.	Verify macro settings and key assignments in the web driver. Ensure the correct profile is active.

8. SPECIFICATIONS

Feature	Detail
Model Number	EWEADN-Battle68-FU
Connectivity	Wired (USB-C)
Switch Type	Hall Effect Magnetic Switches
Actuation Range	0.02mm - 3.4mm (Adjustable)
Polling Rate	8000Hz (8K)
Response Time	0.125ms (Theoretical)
Keycaps	Double-Shot PBT, Side Printed
Backlighting	Full RGB (16 Million Colors)
Compatibility	Mac, PC
Item Weight	2.18 pounds
Package Dimensions	14.88 x 7.05 x 2.24 inches

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to your purchase documentation or the official SEUNKWANG website for specific warranty terms and conditions.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact SEUNKWANG customer support:

- **Contact via Amazon:** Visit the [SEUNKWANG Store on Amazon](#), then find the seller's page and click the "Ask a question" option.
- **Email Support:** You can also reach out via email at zack@eweadn.cn.

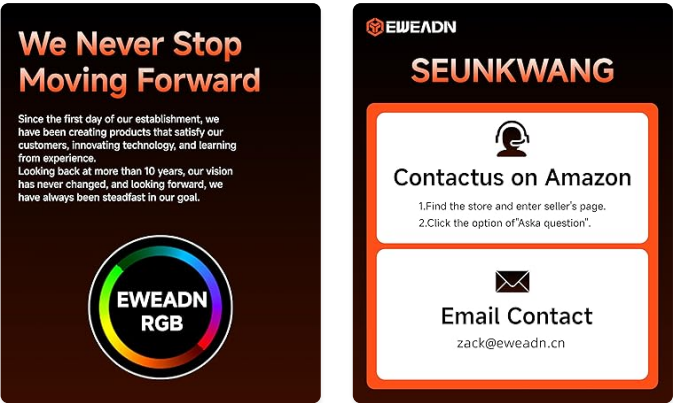


Image 9.1: Contact options for SEUNKWANG support.

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