EWEADN Battle68

EWEADN Battle68 60% Gaming Keyboard User Manual

Model: Battle68 | Brand: EWEADN

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your EWEADN Battle68 60% Gaming Keyboard. The Battle68 is a high-performance wired gaming keyboard designed for precision and speed, featuring Hall Effect magnetic switches, rapid trigger technology, adjustable actuation, an 8K Hz polling rate, and customizable RGB backlighting.
Please read this manual thoroughly before using the keyboard to ensure optimal performance and to prevent any damage.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

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

3. SETUP

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect the USB Cable:** Insert the USB Type-C end of the provided cable into the port on the keyboard. Connect the USB Type-A end to an available USB port on your computer (PC or Mac).
3. **Driver Installation:** The keyboard is plug-and-play. Your operating system will automatically detect and install the necessary drivers. For advanced customization and macro programming, access the web-

based driver software (refer to Section 4.5).

4. **Placement:** Place the keyboard on a stable, flat surface. The keyboard features adjustable feet to customize the typing angle.

Figure 3.1: The EWEADN Battle68 60% Gaming Keyboard connected via USB-C cable.

4. OPERATING INSTRUCTIONS

4.1 Hall Effect Magnetic Switches and Rapid Trigger

The Battle68 keyboard utilizes Hall Effect magnetic switches, which detect key presses based on magnetic field changes rather than physical contact. This design allows for:

- **Rapid Trigger:** Keys can be actuated and reset without needing to return to a fixed reset point. This allows for extremely fast, repeated key presses, beneficial in competitive gaming.
- **Adjustable Actuation:** The distance a key needs to travel before registering a press can be customized.
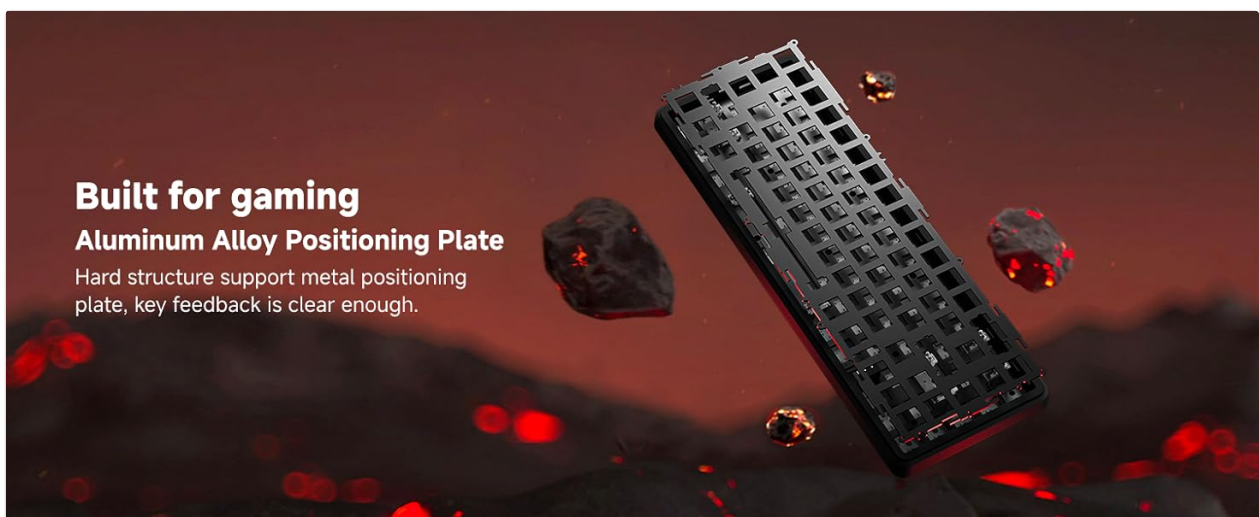

Figure 4.1: Diagram illustrating the Arctic Magnetic Switch mechanism.

4.2 Adjustable Actuation

The key actuation range can be adjusted from 0.08mm to 3.4mm. This allows users to fine-tune the sensitivity of each key to match their preference, whether for light, fast keystrokes or deeper, more controlled presses. Adjustments are made via the web-based driver software.
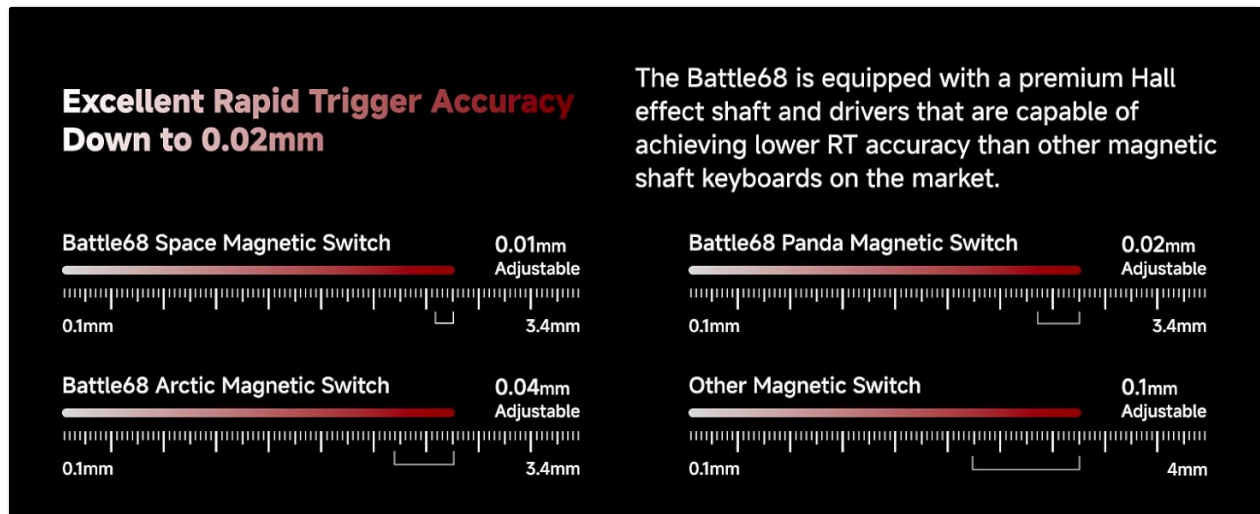

Figure 4.2: Comparison of rapid trigger accuracy across different magnetic switches, highlighting the Battle68's precision.

4.3 8K Hz Polling Rate

The keyboard features an 8K Hz (8000 Hz) polling rate, meaning it reports its status to the computer 8000 times per second. This results in an ultra-low latency of approximately 0.125ms, ensuring that every key press is registered almost instantaneously, providing a significant advantage in fast-paced applications and games.
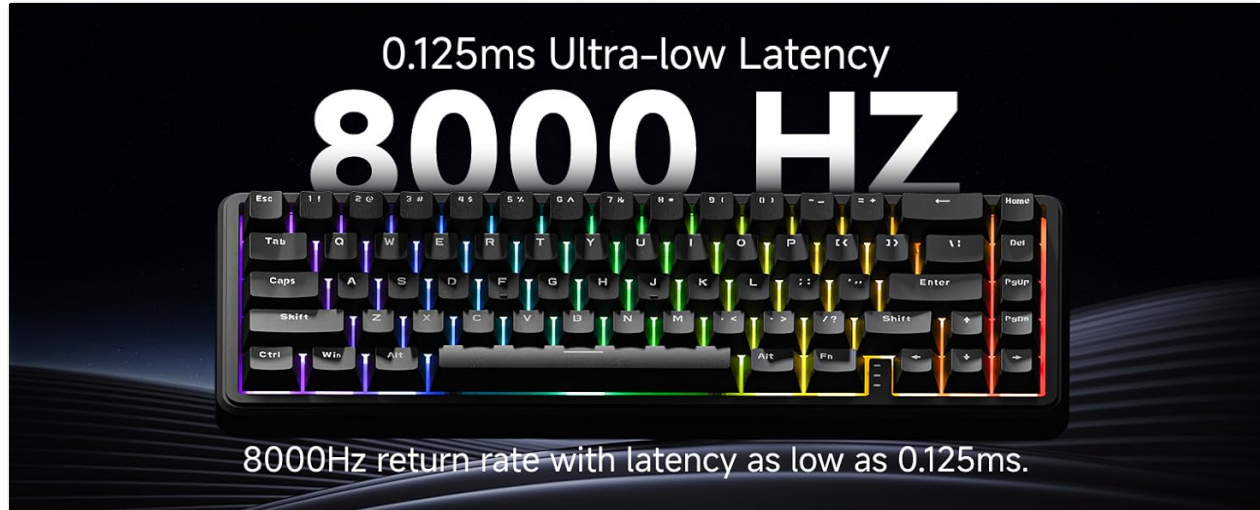

Figure 4.3: Visual representation of the keyboard's 8K Hz polling rate and 0.125ms latency.

4.4 RGB Lighting

The Battle68 keyboard features 16 million-color RGB backlighting. Various lighting effects and patterns can be customized to enhance the visual appeal of your setup. Customization options are available through the web-based driver software.

Figure 4.4: The EWEADN Battle68 keyboard displaying its customizable RGB backlighting.

4.5 Web-Based Driver and Macro Programming

The Battle68 keyboard is supported by a user-friendly web-based driver. This software allows you to:

- Program macros (DSK, MT, TGL support).
- Customize RGB lighting effects.
- Assign key combinations.
- Store settings for different profiles.
- Adjust key actuation points.

Access the web driver by visiting the official EWEADN support website (URL typically provided in a separate quick start guide or on the product packaging).

4.6 60% Compact Design and PBT Keycaps

The 68-key 60% layout saves desktop space while retaining essential arrow keys. The keyboard features high-quality double-shot PBT keycaps, known for their durability and resistance to wear and shine over time.

Figure 4.5: Illustration of the hot-swappable Hall Effect switches, allowing for easy replacement.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the keyboard surface. For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush. Ensure the keyboard is disconnected from the computer before cleaning.

- **Dust Cover:** Use the included dust cover when the keyboard is not in use to prevent dust and debris accumulation.

- **Avoid Liquids:** Do not expose the keyboard to liquids. In case of accidental spills, immediately disconnect the keyboard and allow it to dry completely before reconnecting.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty USB port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer.
Keys not registering consistently	Dust/debris under keycap, incorrect actuation setting.	Clean under keycaps. Check actuation settings in the web driver software.
RGB lighting not working or incorrect	Software settings, power issue.	Check RGB settings in the web driver software. Ensure the keyboard is receiving sufficient power.
Macros not executing	Incorrect macro programming, software conflict.	Verify macro settings in the web driver software. Ensure the software is running correctly.

7. SPECIFICATIONS

Feature	Detail

Feature	Detail
Model Number	EWEADN-Battle68-FU
Connectivity	Wired (USB-C)
Switch Type	Hall Effect Magnetic Switches (Arctic Magnetic Switch)
Actuation Range	0.08mm - 3.4mm (Adjustable)
Polling Rate	8K Hz (8000 Hz)
Keycaps	Double-Shot PBT
Backlighting	RGB (16 Million Colors)
Layout	60% (68-key)
Compatible Devices	PC, Mac
Material	Plastic
Item Weight	1.94 pounds
Package Dimensions	14.68 x 7.01 x 2.24 inches

8. WARRANTY AND SUPPORT

This product is covered by a standard return policy, typically allowing returns or replacements within 30 days of purchase. For specific warranty details, please refer to your purchase documentation or the retailer's policy. For technical support, troubleshooting assistance, or inquiries regarding your EWEADN Battle68 keyboard, please contact the manufacturer or seller directly. You can often find contact information on the product packaging, the seller's page on the retail platform, or the official EWEADN website.

Figure 8.1: Contact information for support, including Amazon seller page and email.

Online Support: Visit the SEUNKWANG Store on Amazon and click the 'Ask a question' option for direct

assistance.