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› Womier M68 HE Rapid Trigger Magnetic Switch 60% Gaming Keyboard User Manual

## Womier M68 HE

# Womier M68 HE Rapid Trigger Magnetic Switch 60% Gaming Keyboard User Manual

BRAND: WOMIER

Model: M68 HE

### 1. OVERVIEW

The Womier M68 HE is a 60% compact gaming keyboard featuring rapid trigger magnetic switches. Designed for high-performance gaming, it offers hyper-fast response times, customizable actuation, and vibrant RGB lighting. Its durable construction includes a metal PCB plate and PBT topographic keycaps, providing a stable and responsive typing experience.

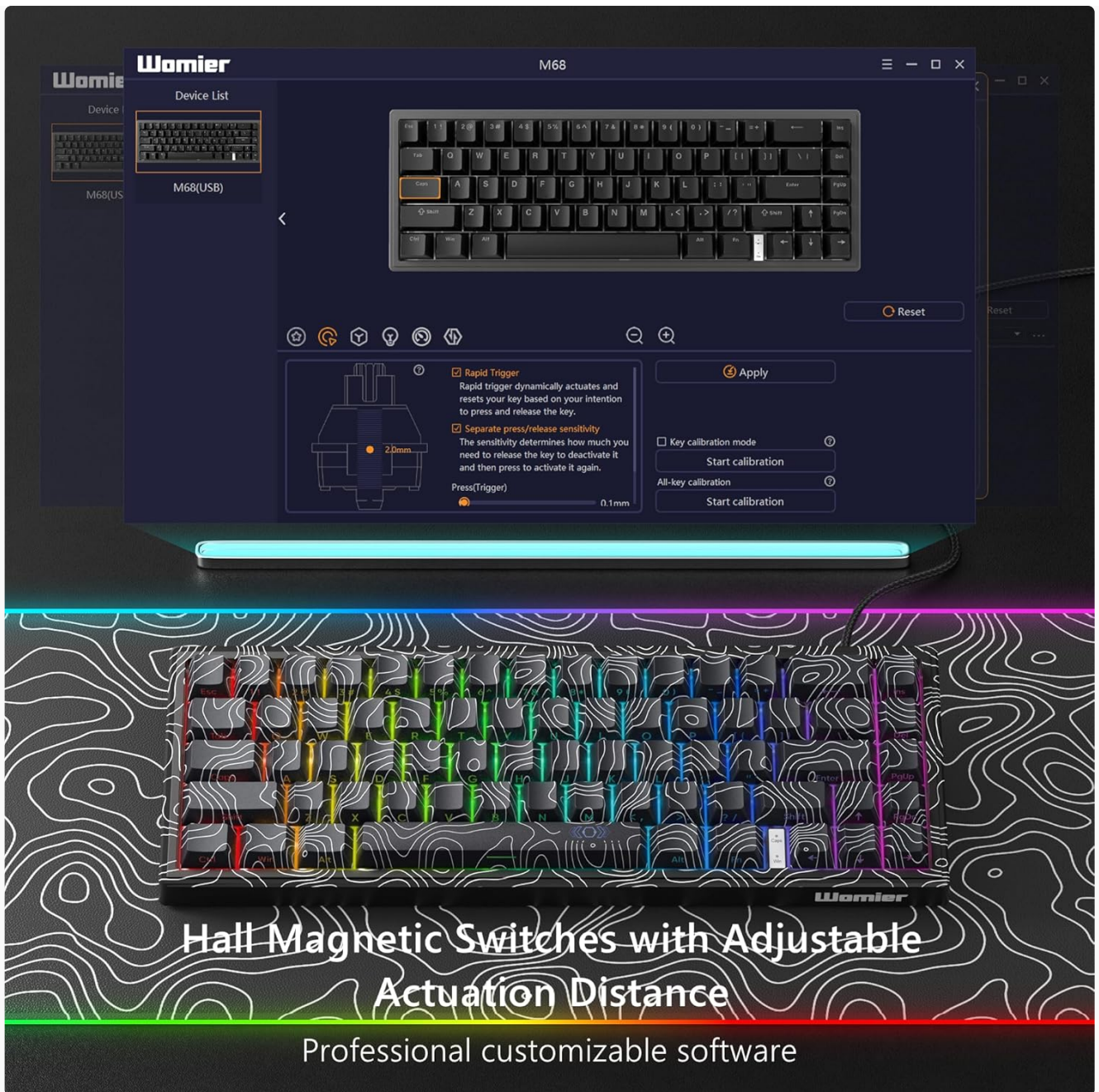


Figure 1: Womier M68 HE keyboard on a desk setup.

# Rapid Trigger Mechanical Gaming Keyboard

Magnetic switches Keyboard From 0.3mm to 4mm customizable trigger points



Figure 2: Close-up of the Womier M68 HE keyboard with RGB lighting.

## 2. SETUP

### 2.1. Package Contents

Verify that all items are present in the package:

- Womier M68 HE Keyboard
- USB-A to USB-C Braided Cable
- Switch Puller and Keycap Puller
- 2x Spare Outemu Magnetic Switches
- Instruction Manual

# Womier M68 HE Topographic Themed Rapid Trigger Gaming Keyboard



Adjustable  
Trigger Distance



Up to 8000Hz  
Polling Rate



Custom Keyboard  
Software



Double Shot PBT  
Keycaps



Plelubed Switches



Suitable for  
WIN/MAC System

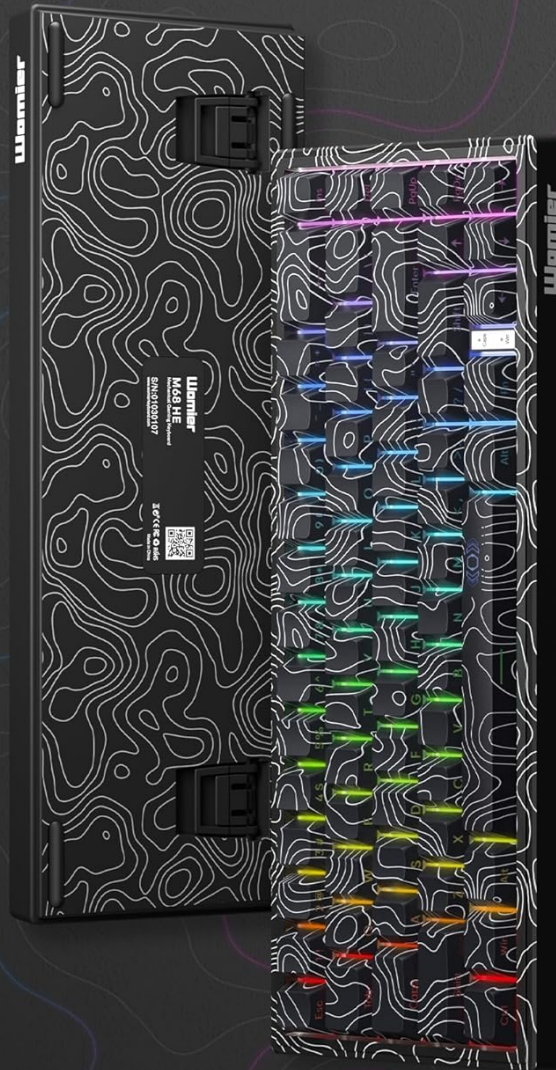


Figure 3: Womier M68 HE Package Contents.

## 2.2. Connecting the Keyboard

1. Locate the USB-C port on the back of the keyboard.
2. Connect the provided USB-A to USB-C cable to the keyboard and your computer.
3. Ensure the operating system switch (Win/Mac) on the back of the keyboard is set to your desired system.
4. The keyboard is plug-and-play; no additional drivers are typically required for basic functionality.

## 2.3. Software Installation

For advanced customization, including rapid trigger settings, key remapping, and RGB effects, download the official Womier M68 HE software from the manufacturer's website. Follow the on-screen instructions for installation.

## 3. OPERATING INSTRUCTIONS

### 3.1. Basic Key Functions (FN Combinations)

The Womier M68 HE utilizes FN key combinations for various functions due to its compact 60% layout. Refer to the diagram below for common combinations:

**Q: Can the keyboard be replaced with a 3 or 5 pin mechanical switch?**

A: No. The switch of the magnetic switch keyboard can not be changed to the traditional mechanical axis or other brands of magnetic axis, can only use the same brand of magnetic switch - Outemu magnetic switch.

**Q: What is the difference between a magnetic switch and a conventional mechanical switch?**

A: The mechanical shaft uses a fixed trigger point. The magnetic shaft uses the electromagnetic principle to trigger through the induction of Hall inductor and permanent magnet. The magnetic shaft can be adjusted by software to trigger and reset the stroke, and the RT function of the magnetic shaft is more suitable for FPS players.

**Q: Advantages of magnetic axis keyboard?**

A: Because the magnetic shaft has no shrapnel, the magnetic shaft also avoids the physical loss of the mechanical shaft, increases the service life of the shaft, and makes the touch more smooth. Can be set according to the need to trigger the trip and reset the trip, the software also supports DKS,MT,TGL three modes, can be set according to the need, applied to different scenarios.

Figure 4: FN Key Combinations for Womier M68 HE.

- **FN + WIN:** Turn on/off WIN function.
- **FN + Up Arrow:** Backlight brightness +
- **FN + Down Arrow:** Backlight brightness -
- **FN + Backspace:** Switch between 15 backlight modes.
- **FN + Left Arrow:** Backlight speed -
- **FN + Right Arrow:** Backlight speed +
- **FN + Spacebar:** Restore factory settings.
- **FN + Ctrl:** Switch backlight colors.

### 3.2. RGB Lighting Control

The keyboard features 16.8 million RGB lighting colors with 15 pre-set lighting effects. Adjust brightness and speed using the knob or FN+key combinations. You can also select single color effects or turn off the backlight entirely.

### 3.3. Rapid Trigger and Adjustable Actuation

The Womier M68 HE's magnetic switches offer a rapid trigger feature and adjustable actuation distance from 0.3mm to 4mm. This allows for precise control, activating or deactivating keys based on travel distance rather than a fixed point. Each key can be personalized in 0.1mm increments via the software.

# High Quality Hall Magnetic Linear Switch

DKS/MT/TGL, Customized Every Strike

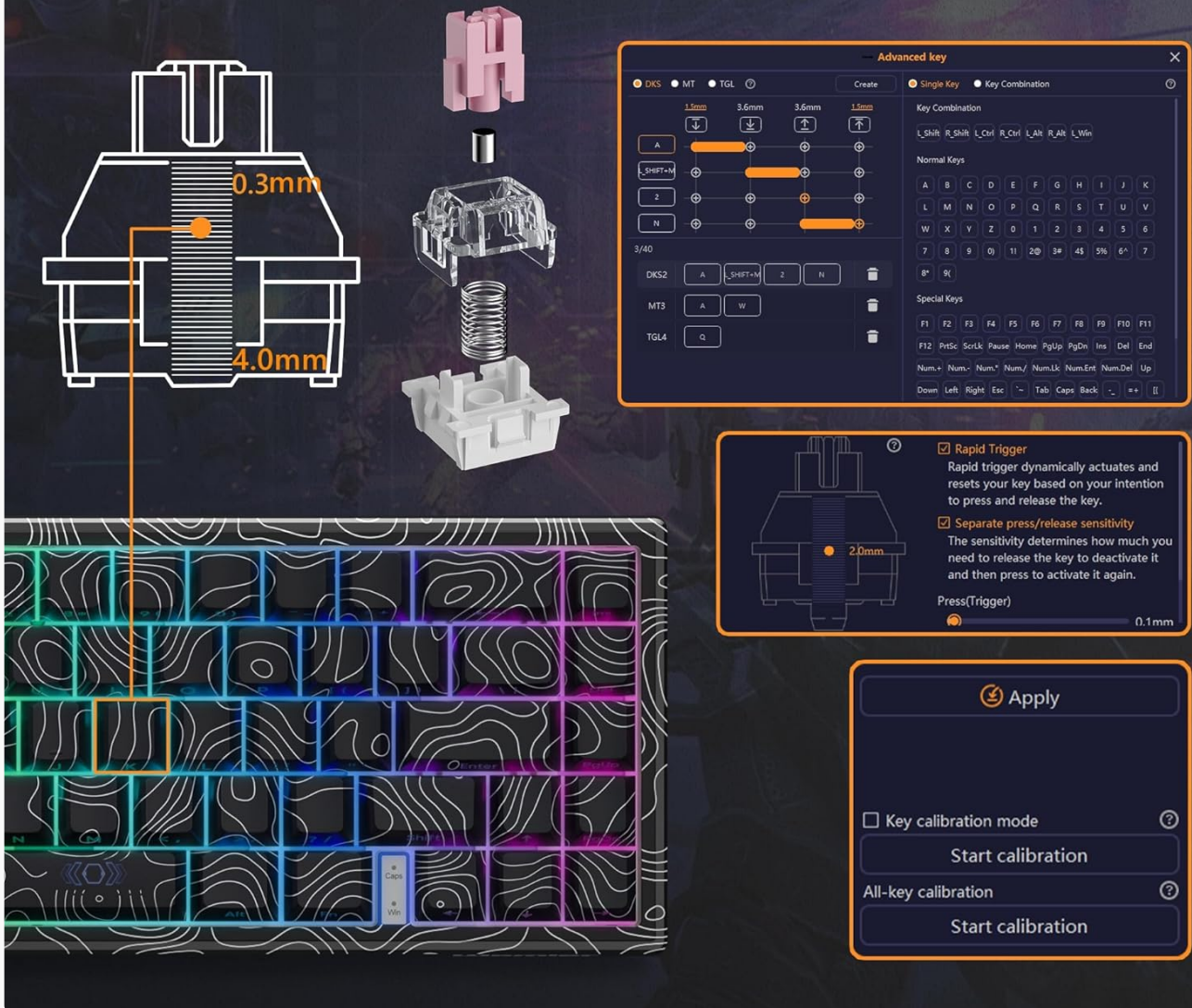


Figure 5: Hall Magnetic Linear Switch Actuation Diagram.

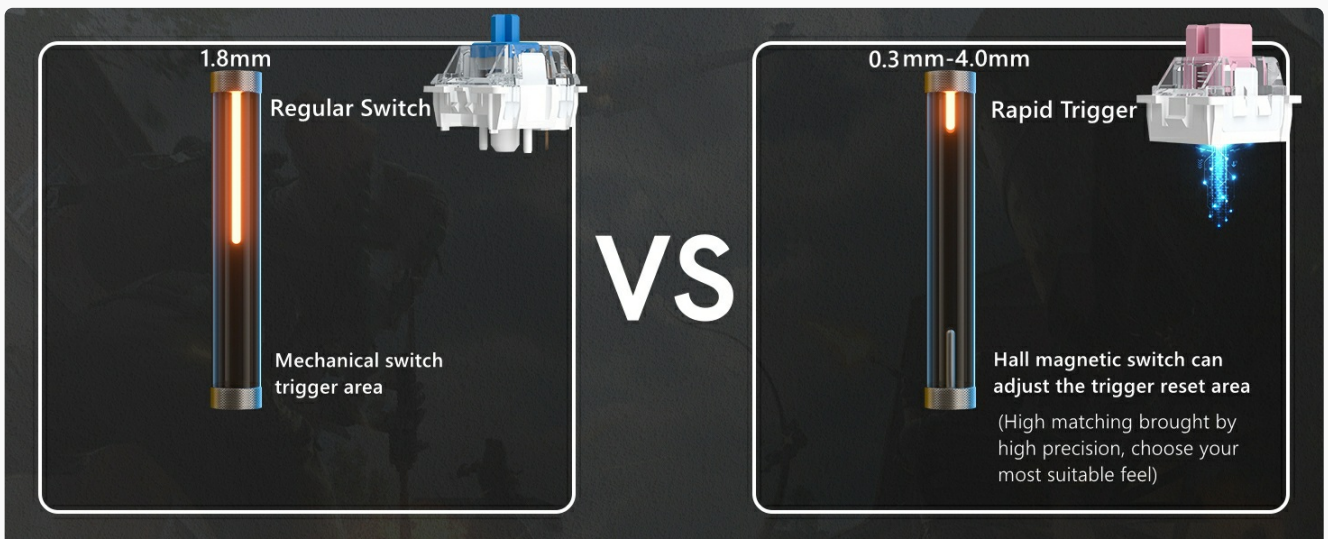


Figure 6: Adjustable Actuation Distance for Magnetic Switches.

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### 3.4. Customization Software

The dedicated software allows for comprehensive management of the keyboard. You can customize macros, key bindings, set DKS, MT, TGL features, and adjust lighting modes, brightness, and effects.

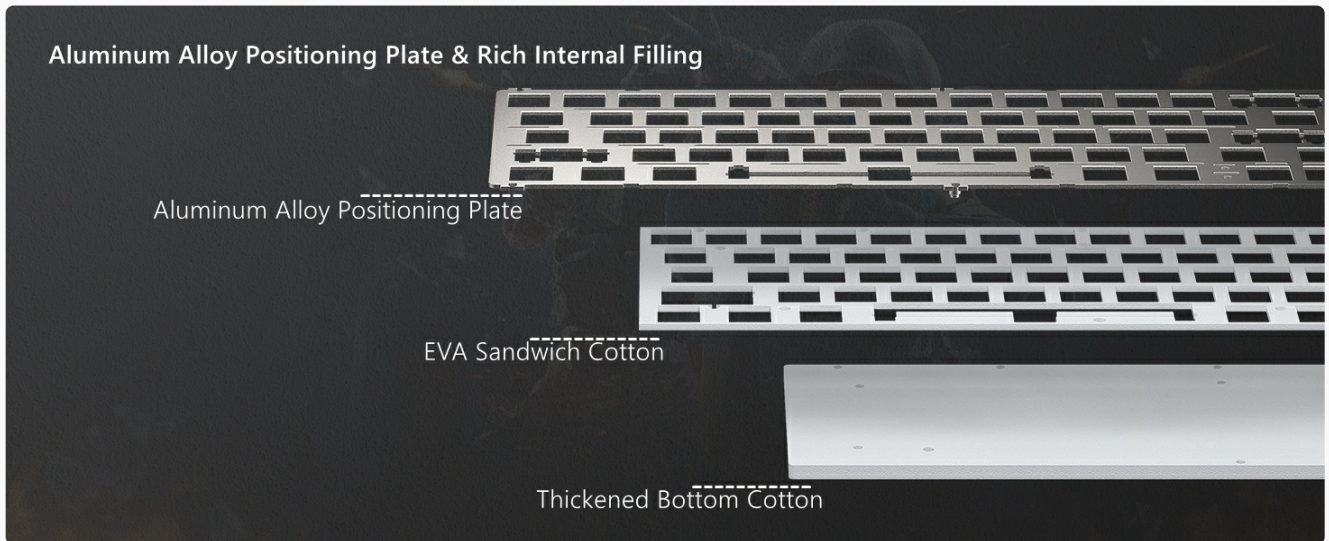


Figure 7: Womier M68 HE Customization Software Interface.

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Video 2: Overview of the M68 HE 60% Gaming Keyboard's rapid trigger and mechanical features.

## 4. MAINTENANCE

### 4.1. Cleaning

To maintain optimal performance and appearance, regularly clean your keyboard. Use a soft brush or compressed air to remove dust and debris from between the keycaps. For stubborn dirt, gently wipe the keycaps and keyboard surface with a slightly damp, lint-free cloth. Avoid using harsh chemicals or abrasive materials.

### 4.2. Keycap and Switch Replacement

The Womier M68 HE uses Outemu magnetic switches. These switches are hot-swappable, allowing for easy replacement or customization. Use the provided switch puller to carefully remove switches. Note that only Outemu magnetic switches are compatible with this keyboard.

## Aluminum Alloy Positioning Plate & Rich Internal Filling

Effectively counteracts the cavity noise of the shaft hitting the positioning plate, and has a solid hand feeling



Figure 8: Internal Structure of the Womier M68 HE Keyboard.

## 5. TROUBLESHOOTING

### 5.1. Keyboard Not Responding

- Ensure the USB-C cable is securely connected to both the keyboard and your computer.
- Try connecting the keyboard to a different USB port on your computer.
- Verify the Win/Mac switch on the back of the keyboard is set correctly for your operating system.
- Restart your computer.

### 5.2. RGB Lighting Issues

- Check FN key combinations for brightness and mode adjustments (refer to Section 3.1).
- Ensure the lighting is not turned off via the software.
- If using customization software, ensure the settings are applied correctly.

### 5.3. Accidental Keystrokes / Rapid Trigger Sensitivity

- Adjust the actuation distance for individual keys using the customization software (refer to Section 3.3). A higher actuation point (e.g., 3mm-4mm) requires a deeper press, reducing accidental triggers.
- Perform key calibration through the software to ensure accurate switch recognition.

#### 5.4. Software Not Detecting Keyboard

- Ensure the keyboard is properly connected via USB.
- Reinstall the customization software.
- Check for any available software updates.

## 6. SPECIFICATIONS

Feature	Detail
Brand	Womier
Model	M68 HE
Connectivity Technology	USB-C (Wired)
Switch Type	Hall Effect Magnetic Switches (Outemu)
Actuation Distance	Adjustable from 0.3mm to 4mm
Polling Rate	Up to 8000 Hz
Keyboard Layout	60% Compact (67 keys)
Keycaps	PBT Topographic, Side-Printed
Backlighting	16.8 Million RGB (15 pre-set effects)
Compatible Devices	PC (Mac/Windows)
Material	Metal, Polybutylene Terephthalate

## 7. WARRANTY AND SUPPORT

### 7.1. Warranty Information

The Womier M68 HE keyboard comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

### 7.2. Customer Support

For technical assistance, warranty claims, or any other inquiries, please contact Womier customer support through their official website or the contact information provided in your product packaging.



