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> ZMX MADLIONS MAD68 R Magnetic Switch Gaming Keyboard User Manual

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Model: MAD68 R

INTRODUCTION

The ZMX MADLIONS MAD68 R is a high-performance 65% wired mechanical gaming keyboard featuring Hall Effect adjustable magnetic switches, rapid trigger technology, and an 8K Hz hyper-polling rate. Designed for precision and speed, this keyboard offers extensive customization options through its web-based software, RGB backlighting, and durable PBT keycaps.



Image: The ZMX MADLIONS MAD68 R Magnetic Switch Gaming Keyboard, showcasing its compact design.



Image: An overview of the ZMX MAD68 HE keyboard's key features, including magnetic switches, tunable rapid trigger, and 8K polling rate.

WHAT'S IN THE BOX

Please verify that all items are present upon unboxing your ZMX MADLIONS MAD68 R keyboard:

- MAD68 HE Keyboard
- USB Cable
- Keycap Puller
- Keyboard Ribbon

SETUP

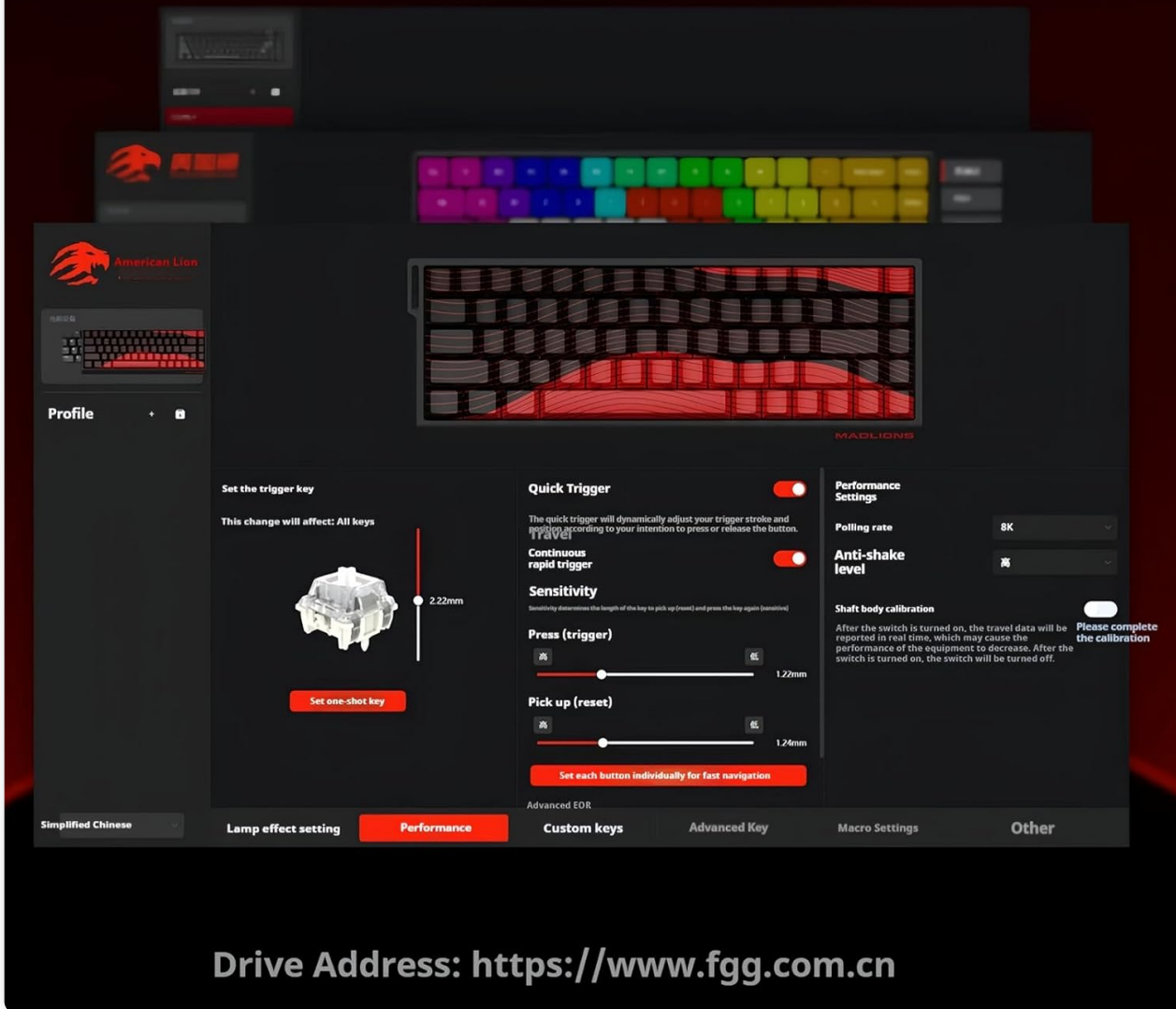
1. **Connect the Keyboard:** Connect the provided USB-C cable to the keyboard and then to an available USB port on your computer. The keyboard is plug-and-play and should be recognized automatically by your operating system.
2. **Initial Software Access:** For advanced customization, including actuation point adjustment, rapid trigger settings, and RGB lighting, access the web-based driver. The driver address is typically provided in the packaging or can be found on the manufacturer's official support page.
3. **Personalized Ribbon Attachment:** If desired, attach the personalized keyboard ribbon to the designated slots on the keyboard for aesthetic customization.

OPERATING INSTRUCTIONS

Hall Effect Adjustable Magnetic Switches

The MAD68 R features Hall Effect magnetic switches, allowing for precise and customizable actuation. Each key's trigger travel can be adjusted from 0.04mm to 3.5mm. Additionally, press sensitivity and reset sensitivity can be configured individually via the custom software to match user preferences and specific applications.

Custom Software



Drive Address: <https://www.fgg.com.cn>

Image: Details on various magnetic switch types, including their total travel, initial trigger force, and switch life.

Rapid Trigger Mode

Rapid Trigger mode enables ultra-fast response times by instantly activating and deactivating keys with minimal travel. This feature is particularly beneficial for competitive gaming, music production, and programming, where quick and precise input is critical. All 68 keys support this conflict-free mode.

MAD68 R

Magnetic Switch Gaming Keyboard



Image: A visual representation of the Rapid Trigger Mode, showing key activation and deactivation points.

8K Hz Hyper-Polling Rate

The keyboard features an 8000 Hz polling rate, which significantly reduces input latency and increases accuracy. This high polling rate ensures that your commands are registered almost instantaneously, providing a competitive edge in fast-paced applications.

RGB Lighting and Keycaps

The MAD68 R includes customizable RGB backlighting with 16 million color options. The south-facing LEDs illuminate the side-printed translucent PBT keycaps, enhancing visibility and aesthetic appeal. Lighting effects can be personalized through the web driver.

Personalized Ribbon

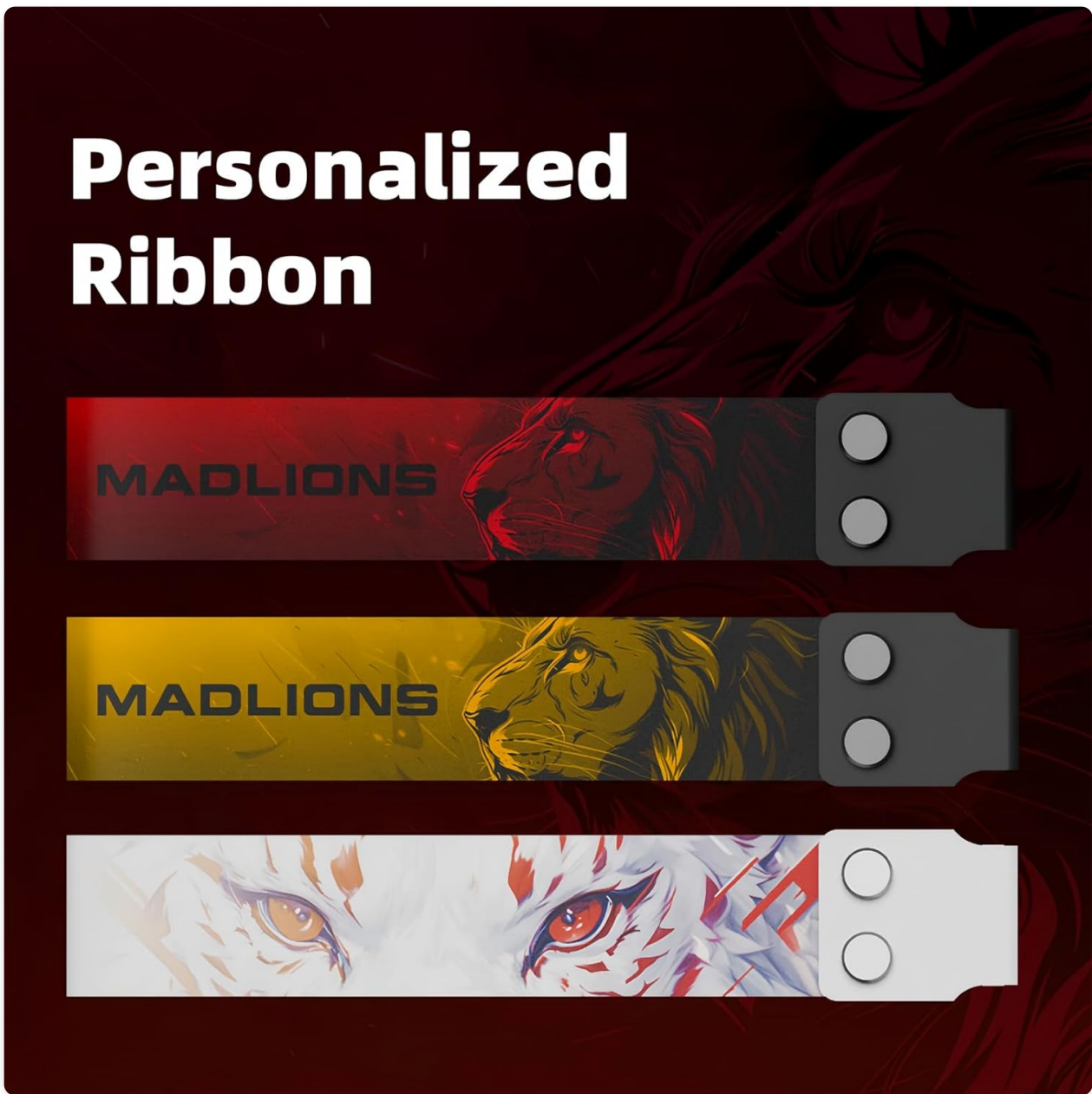


Image: The MAD68 R keyboard displaying its vibrant 16 million color RGB backlighting.

Custom Software (Web Driver)

The keyboard's functionality is fully customizable via a web-based driver, eliminating the need for software downloads. This driver is compatible with both Windows and Mac operating systems and allows for:

- RT (Rapid Trigger) adjustment
- Key combinations and remapping
- Macro creation
- RGB lighting customization
- DKS/MT/TGL technology settings for dynamic functionality

Access the web driver at: <https://www.fgg.com.cn>



Image: Screenshot of the custom web-based software interface, showing options for trigger key settings, performance, and RGB lighting.

Product Video Overview

Your browser does not support the video tag.

Video: An official product video from ZMX-MALL showcasing the MAD68 Magnetic Switch Rapid Trigger Gaming Keyboard's features and design.

SPECIFICATIONS

| Feature | Detail |
|--------------------|---|
| Product Dimensions | 12.3 x 4.5 x 1.1 inches (31.24 x 11.43 x 2.79 cm) |

| | |
|-------------------------|---|
| Item Weight | 1 pound (0.45 kg) |
| Manufacturer | ZMX |
| Item Model Number | MAD68 R |
| Connectivity Technology | USB-C Wired |
| Keyboard Description | Rapid Trigger Magnetic Switch Mechanical Keyboard |
| Compatible Devices | Gaming Console, Laptop, PC, Projector, Tablet |
| Special Features | Dedicated Magnetic Switches, Lightweight & 65% Layout, Programmable Keys, RGB Backlit with Side Printed Translucent Keycaps, Rapid Trigger Mode |
| Keyboard Backlighting | RGB |
| Polling Rate | 8000 Hz |

MAINTENANCE

To ensure the longevity and optimal performance of your ZMX MADLIONS MAD68 R keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use a keycap puller to remove keycaps and clean dust and debris from beneath them using compressed air or a small brush. Avoid using harsh chemicals or abrasive materials.
- **Cable Care:** Handle the USB-C cable carefully. Avoid sharp bends or excessive pulling to prevent damage to the cable or the keyboard's port.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your ZMX MADLIONS MAD68 R keyboard, refer to the following common solutions:

- **Keyboard Not Responding:**
 - Ensure the USB-C cable is securely connected to both the keyboard and the computer.
 - Try connecting the keyboard to a different USB port on your computer.

- Test the keyboard on another computer to rule out system-specific issues.
- **Keys Not Registering or Double-Typing:**
 - Check the custom software for actuation point settings. Adjusting the actuation point may resolve the issue.
 - Ensure no debris is lodged under the keycap or switch.
- **RGB Lighting Issues:**
 - Verify RGB settings within the web-based custom software.
 - Ensure the keyboard firmware is up to date.
- **Software Not Accessible:**
 - Confirm your internet connection is stable.
 - Ensure you are using the correct web driver address (<https://www.fgg.com.cn>).
 - Try a different web browser.

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the documentation included with your product or visit the official ZMX website. Contact details for customer service are typically available on the manufacturer's support page.