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› [Redragon K668 Mechanical Gaming Keyboard and M810 Gaming Mouse User Manual](#)

Redragon K668, M810

Redragon K668 Mechanical Gaming Keyboard and M810 Gaming Mouse User Manual

Comprehensive instructions for setup, operation, and maintenance.

1. INTRODUCTION

This manual provides detailed instructions for the Redragon K668 Mechanical Gaming Keyboard and the Redragon M810 Gaming Mouse. Please read this manual carefully before using the products to ensure proper setup and optimal performance. Keep this manual for future reference.

2. PRODUCT OVERVIEW

2.1 Redragon K668 Mechanical Gaming Keyboard

The Redragon K668 is a wired mechanical gaming keyboard designed for responsive and durable performance. It features a 108-key layout, hot-swappable sockets, and customizable RGB backlighting.



Figure 2.1: Redragon K668 Mechanical Gaming Keyboard highlighting its 108-key layout, hot-swap sockets, and four definable hotkeys. The keyboard features a mixed-color design and is wired.

- **108 Keys Layout:** Standard full-size keyboard layout.
- **Hot-Swap Sockets:** Allows for easy switch replacement without soldering.
- **Definable Hotkeys:** Four customizable hotkeys for quick access to functions.
- **Wired Connectivity:** Ensures stable and low-latency connection.

2.2 Redragon M810 Gaming Mouse

The Redragon M810 is a wireless gaming mouse offering high precision and customizable features, including adjustable DPI and programmable macros. It connects via a stable 2.4GHz wireless transmission.



Figure 2.2: Redragon M810 Gaming Mouse showcasing its ergonomic design and integrated RGB lighting strip.

- **2.4GHz Wireless:** Stable wireless connection with up to 10m range.
- **PAW3325 Sensor:** High-performance optical sensor.
- **10000 DPI Max:** Adjustable sensitivity for precise control.
- **Customizable Macros:** Program buttons for complex commands.
- **1000 mAh Battery:** Rechargeable battery for extended use.
- **Durable Switches:** Rated for up to 20 million clicks.

3. SETUP INSTRUCTIONS

3.1 Redragon K668 Keyboard Setup

1. **Connect the Keyboard:** Plug the USB cable of the K668 keyboard into an available USB port on your computer.
2. **Driver Installation:** Your operating system should automatically detect and install the necessary drivers. If not, visit the official Redragon website for driver downloads.

3. **Initial Test:** Open a text editor and type to ensure the keyboard is functioning correctly.

3.2 Redragon M810 Mouse Setup

1. **Charge the Mouse:** Before first use, ensure the M810 mouse is fully charged using the provided USB cable.
2. **Insert USB Receiver:** Locate the 2.4GHz USB receiver, usually stored in a compartment on the mouse. Plug this receiver into an available USB port on your computer.
3. **Power On:** Turn on the mouse using the power switch, typically located on the underside.
4. **Pairing:** The mouse should automatically pair with the receiver. If not, press the pairing button (if available) on the mouse and receiver simultaneously.
5. **Driver Installation:** Your operating system should automatically detect and install the necessary drivers. For advanced customization, download the Redragon software from the official website.
6. **Initial Test:** Move the mouse and click buttons to ensure it is functioning correctly.



Figure 3.1: Redragon M810 Gaming Mouse demonstrating its reliable 2.4GHz wireless connection with the USB receiver.

4. OPERATING INSTRUCTIONS

4.1 Redragon K668 Keyboard Operation

- **RGB Backlighting:**

The K668 features immersive RGB backlighting. Use the dedicated function keys (often Fn + specific keys like Ins, Home, PgUp, Del, End, PgDn) to cycle through different lighting modes, adjust brightness, and change speed. Refer to the keyboard's specific key combinations for detailed control.



Figure 4.1: Close-up view of the Redragon K668 keyboard demonstrating its immersive RGB backlight with a lighting bar.

- **Hot-Swappable Switches:**

The keyboard supports 3-pin and 5-pin mechanical switches, allowing users to easily change switches without soldering. Use the included switch puller tool to carefully remove existing switches and insert new ones. Ensure the pins align correctly before pressing down.



Figure 4.2: The Redragon K668 keyboard with several keycaps and switches removed, illustrating the upgraded hot-swappable board compatible with 3/5-pin switches.

- **Definable Hotkeys:**

Utilize the Redragon software to program the four definable hotkeys with custom functions, macros, or application shortcuts.

4.2 Redragon M810 Mouse Operation

- **DPI Adjustment:**

The M810 mouse features a dedicated DPI button (often located behind the scroll wheel) to cycle through preset DPI levels. Use the Redragon software for fine-tuning DPI settings and creating custom profiles up to 10000 DPI.

- **Customizable Macros:**

Install the Redragon software to program the mouse buttons with custom macros, rapid-fire shortcuts, and other functions to enhance your gaming experience.

- **Lighting Modes:**

The mouse includes DIY lighting modes. These can typically be adjusted via the Redragon software to personalize the RGB effects.



Figure 4.3: Overview of the Redragon M810 Gaming Mouse's key features, including its wireless capability, sensor type, maximum DPI, macro support, battery capacity, and customizable lighting.

5. MAINTENANCE

- **Cleaning:**

Regularly clean your keyboard and mouse. Use a soft, dry cloth to wipe surfaces. For the keyboard, you can use compressed air to remove dust and debris from between keycaps. For the mouse, ensure the optical sensor is free from obstructions.

- **Keycap and Switch Maintenance (Keyboard):**

Keycaps can be removed for deeper cleaning or replacement. Use a keycap puller tool to gently remove keycaps. When replacing switches, ensure the keyboard is unplugged and handle switches carefully to avoid bending pins.

- **Battery Care (Mouse):**

To prolong battery life, avoid fully discharging the mouse frequently. Charge the mouse when the battery indicator is low. Store the mouse in a cool, dry place when not in use for extended periods.

Sound Absorbing Foam

Clean & Crispy Typing Sound

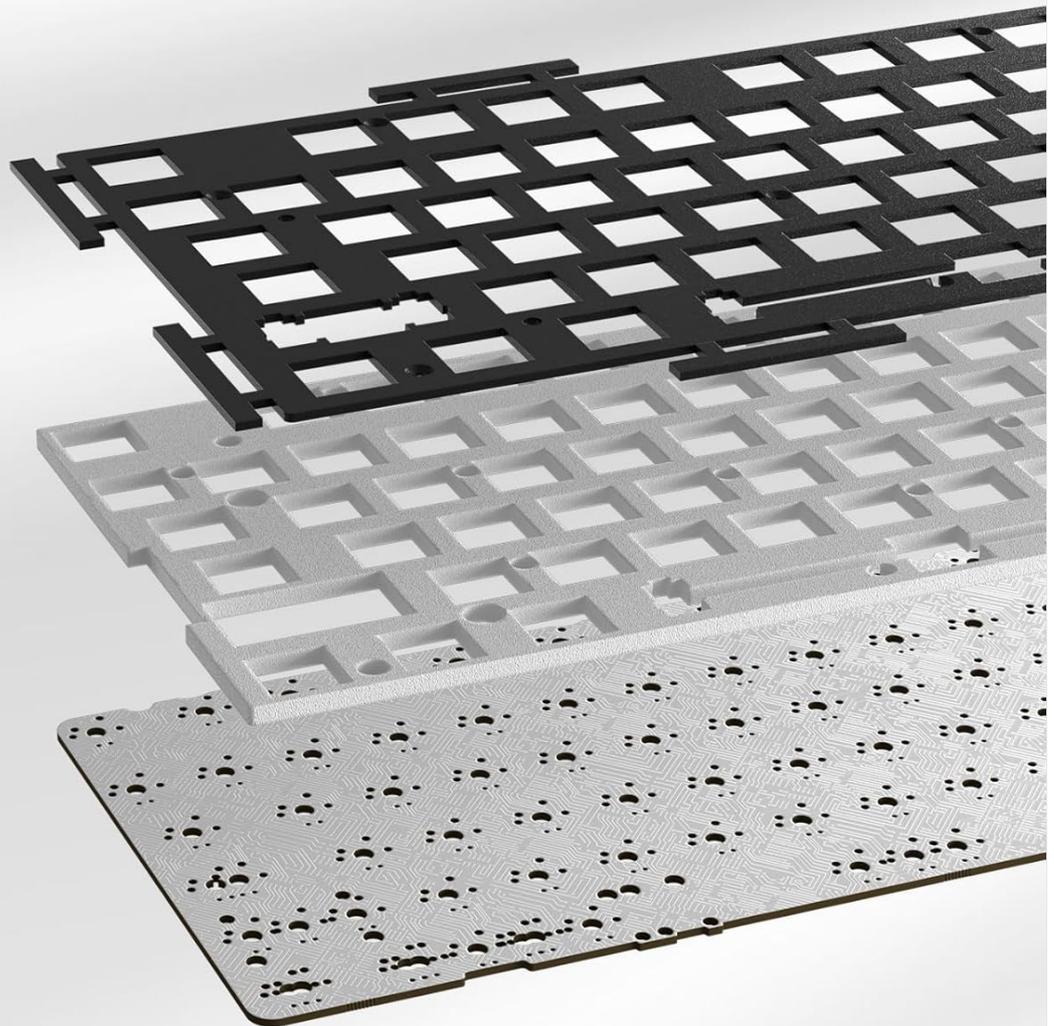


Figure 5.1: Exploded view of the Redragon K668 keyboard layers, illustrating the sound absorbing foam for a clean and crisp typing sound.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard/Mouse not responding	Loose connection, low battery (mouse), driver issue.	<ul style="list-style-type: none">• Ensure USB cables/receiver are securely plugged in.• For M810 mouse, check battery level and recharge if necessary.• Try a different USB port.• Restart your computer.• Reinstall drivers from the Redragon website.

Problem	Possible Cause	Solution
RGB lighting not working	Lighting mode off, software conflict.	<ul style="list-style-type: none"> • Press Fn + lighting control keys (K668) or check software settings (M810). • Ensure Redragon software is up to date.
Mouse cursor erratic or unresponsive	Dirty sensor, surface issue, interference (wireless).	<ul style="list-style-type: none"> • Clean the optical sensor on the underside of the mouse. • Use on a clean, non-reflective mouse pad. • Ensure the 2.4GHz receiver is not obstructed and is close to the mouse.
Hotkeys/Macros not functioning	Incorrect software configuration.	<ul style="list-style-type: none"> • Open the Redragon software and verify macro/hotkey assignments. • Ensure the software is running in the background if required for custom profiles.

7. SPECIFICATIONS

7.1 Redragon K668 Mechanical Gaming Keyboard

- **Model:** K668
- **Layout:** 108 Keys
- **Switch Type:** Mechanical (Hot-swappable, 3/5-pin compatible)
- **Connectivity:** Wired (USB)
- **Backlighting:** RGB
- **Special Features:** Definable Hotkeys, Sound Absorbing Foam

7.2 Redragon M810 Gaming Mouse

- **Model:** M810
- **Sensor:** PAW3325
- **DPI:** Up to 10000 DPI (Adjustable)
- **Connectivity:** 2.4GHz Wireless
- **Battery:** 1000 mAh Rechargeable
- **Switch Durability:** 20 Million Clicks
- **Special Features:** Customizable Macros, DIY Lighting Modes, Ergonomic Design

8. WARRANTY AND SUPPORT

Redragon products come with a standard manufacturer's warranty. For specific warranty terms, technical support, driver downloads, or further assistance, please visit the official Redragon website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Official Redragon Website: www.redragonusa.com

