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Redragon M815, K734

Redragon Wireless Gaming Mouse M815 & Mechanical Keyboard K734 User Manual

Model: M815 (Mouse), K734 (Keyboard)

Introduction	Product Overview	Setup	Operation	Maintenance	Troubleshooting
	Specifications		Warranty & Support		

1. INTRODUCTION

This manual provides comprehensive instructions for the Redragon Wireless Gaming Mouse M815 and the Redragon Wireless Mechanical Keyboard K734. Please read this manual thoroughly before using the products to ensure proper setup, operation, and maintenance. Retain this manual for future reference.



Image: The Redragon Wireless Gaming Mouse M815 and Wireless Mechanical Keyboard K734, showcasing their sleek black design and RGB lighting capabilities.

2. PRODUCT OVERVIEW

2.1 Redragon Wireless Gaming Mouse M815

The Redragon M815 is a high-performance wireless gaming mouse designed for precision and versatility. It features multiple connectivity options and advanced sensor technology.

- **Tri-Mode Connectivity:** Supports Bluetooth, 2.4GHz wireless, and wired (USB-C) connections for maximum flexibility.
- **Advanced Optical Sensor:** Equipped with a Pixart Advanced 26K DPI Optical Sensor (PAW 3395) for high precision positioning.
- **Ultra-Lightweight Design:** Weighs only 54g, providing agile and comfortable control during extended gaming sessions.
- **Adjustable DPI:** Offers a high DPI level up to 26000, allowing users to customize sensitivity to meet different gaming and working needs.
- **Adjustable Report Rate:** Supports report rates from 125Hz to 1000Hz for responsive tracking.

Tri-Mode, BT/2.4G/Wired


USB-C


Bluetooth


2.4GHz



Image: The Redragon M815 mouse highlighting its Tri-Mode connectivity options: USB-C, Bluetooth, and 2.4GHz wireless.

Pixart Advanced 26K DPI Optical Sensor

PAW 3395 for high precision positioning

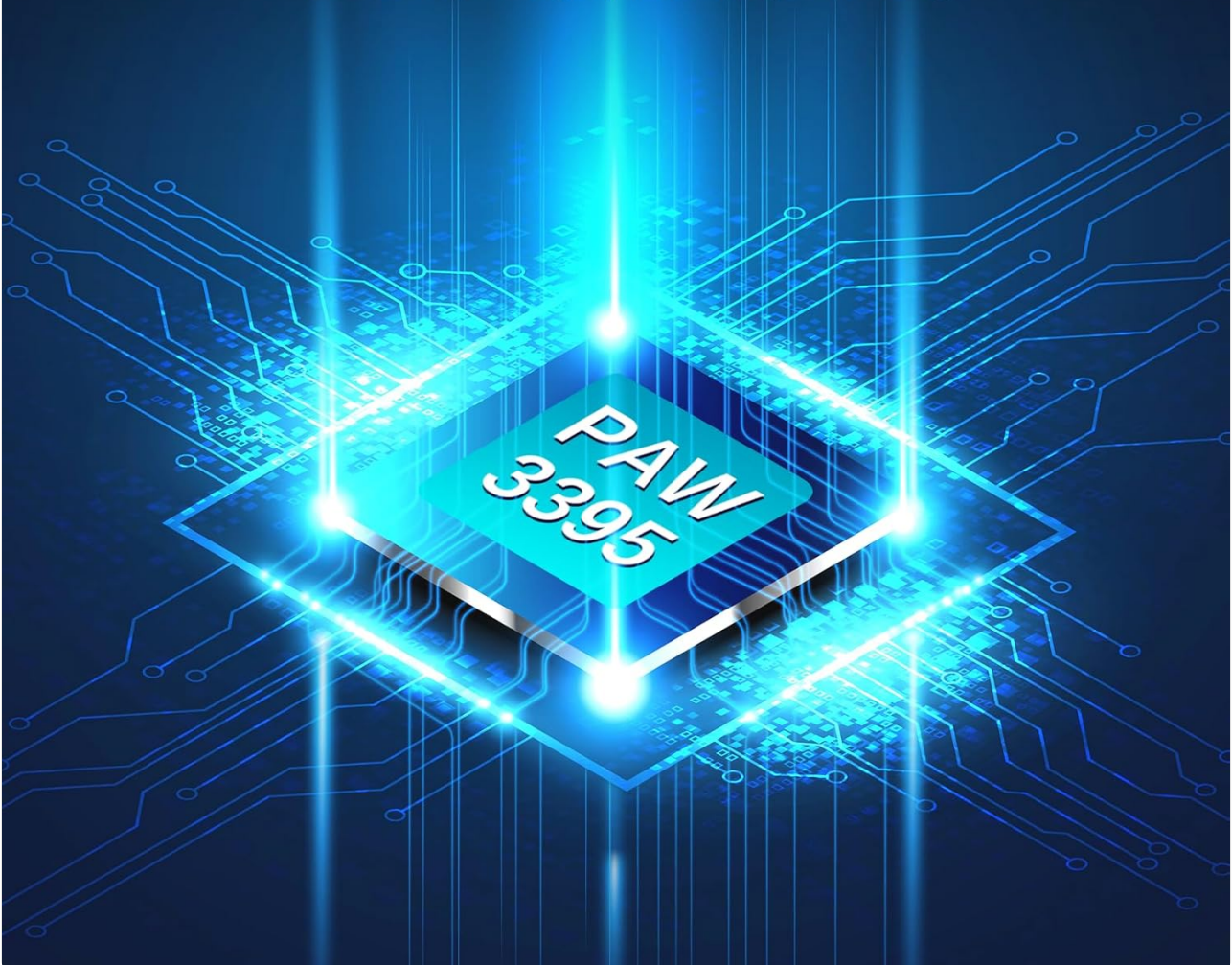


Image: A close-up of the Redragon M815 mouse's Pixart Advanced 26K DPI Optical Sensor (PAW 3395), emphasizing its high precision capabilities.

54g Ultra-Lightweight Mouse



Image: The Redragon M815 mouse with a visual representation of its 54g ultra-lightweight design, featuring feathers to symbolize its lightness.

High DPI Level Up To 26000

Meet your different needs in gaming and working



DPI Level	1000	2000	4000	8000	26000
LED Light	Red	Blue	Green	Purple	Yellow



Report Rate



Image: A diagram illustrating the Redragon M815 mouse's adjustable DPI levels (up to 26000) and report rates (125Hz-1000Hz), with corresponding LED light indicators for DPI.

2.2 Redragon Wireless Mechanical Keyboard K734

The Redragon K734 is a custom mechanical keyboard designed for durability, comfort, and customizable performance.

- **75% TKL Layout:** Compact Tenkeyless layout, optimizing desk space while retaining essential keys.
- **3 Modes Connectivity:** Supports multiple connection modes for versatile use.
- **Gasket Structure:** Provides a softer, more cushioned typing experience and reduces fatigue.
- **Full RGB Lighting:** Customizable per-key RGB backlighting for aesthetic personalization.
- **4000mAh Battery:** High-capacity battery for extended wireless usage.
- **Hot-Swappable Switches:** Allows for easy replacement of switches without soldering, enabling customization of typing feel.
- **Side-Engraved PBT Keycaps:** Durable PBT keycaps with side-engraved legends for a clean top surface and enhanced aesthetics.
- **Pre-Lubed Linear Switches:** Ensures smooth and consistent key presses right out of the box.
- **Custom Cream Switches:** Features switches with specific force-travel characteristics (Total Travel: 3.6mm,

Conduction Stroke: 2.0 ± 0.6 mm, Operating Force: 40 ± 10 gf).

Redragon K34SP Custom Mechanical Keyboard



75% TKL
layout



3 Modes



Gasket
Structure



Full RGB



4000mAh
Battery



Hot
-Swappable



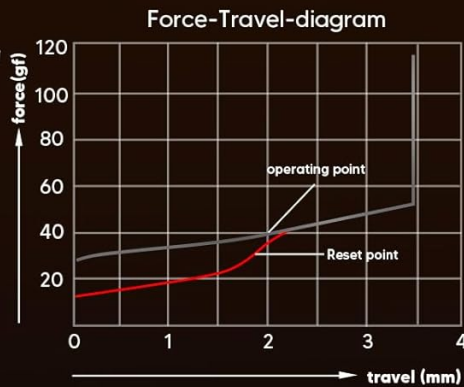
Side-engraved
PBT keycaps



Pre-Lubed
Linear Switch

Image: An overview of the Redragon K34SP (K734) Custom Mechanical Keyboard, highlighting its key features such as 75% TKL layout, 3 modes, gasket structure, full RGB, 4000mAh battery, hot-swappable switches, side-engraved PBT keycaps, and pre-lubed linear switches.

Custom Cream Switch



Total Travel

3.6mm

Conduction Stroke

2.0±0.6mm

Operating Force

40±10gf



Image: A detailed view of the Redragon K734's Custom Cream Switch, including a force-travel diagram showing total travel (3.6mm), conduction stroke (2.0±0.6mm), and operating force (40±10gf).

Side-Printed PBT keycaps

The new trend of Keyboard
PBT side-engraved gradient translucent keycaps



Image: A close-up of the Redragon K734 keyboard's side-printed PBT keycaps, illustrating the translucent, side-engraved gradient design.

Gasket Structure

Reduced fatigue & Creamy sound

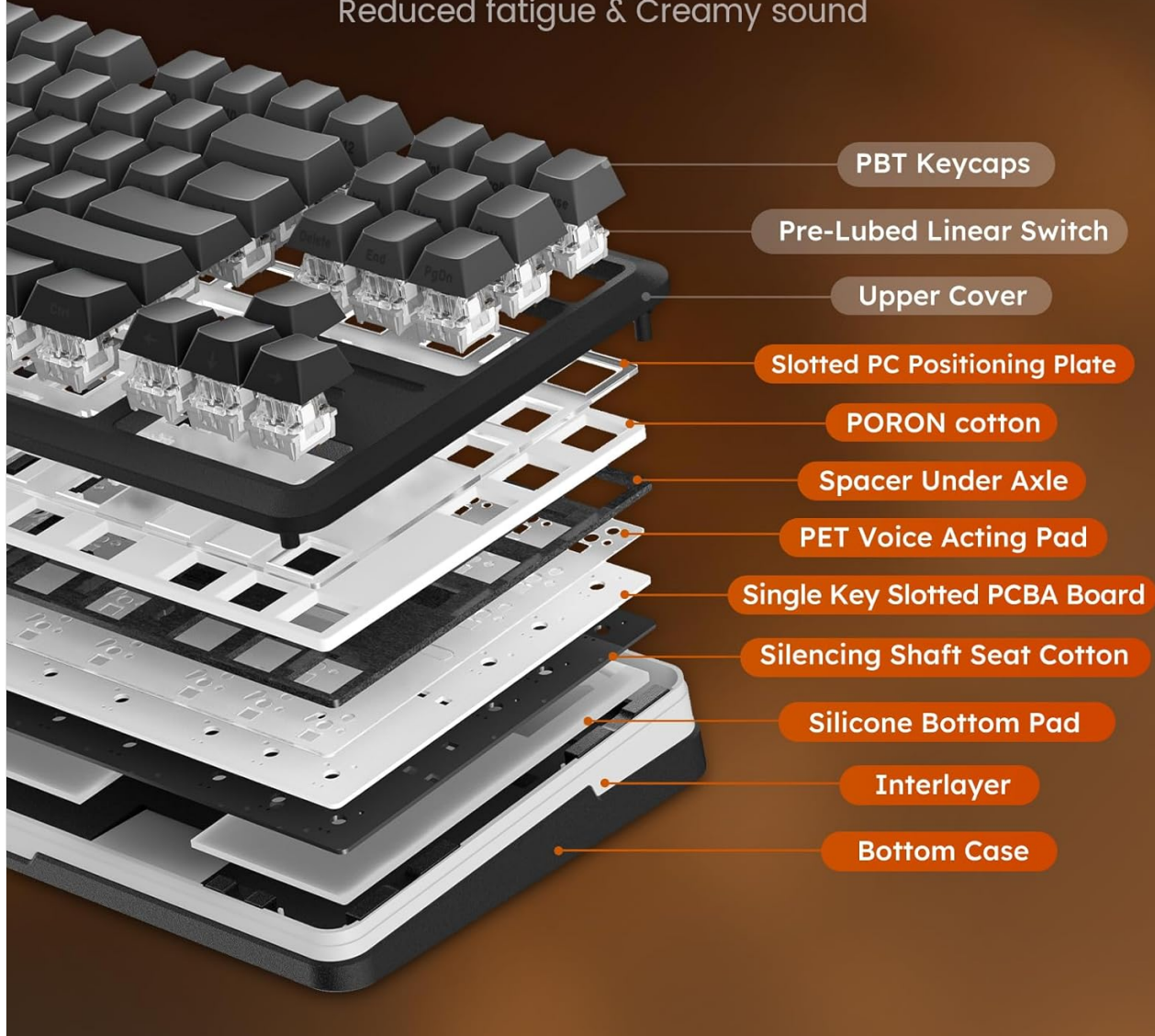


Image: An exploded view diagram of the Redragon K734 keyboard's gasket structure, showing its various layers including PBT keycaps, pre-lubed linear switch, upper cover, slotted PC positioning plate, PORON cotton, spacer under axle, PET voice acting pad, silencing shaft seat cotton, silicone bottom pad, interlayer, and bottom case.

3. SETUP INSTRUCTIONS

3.1 Mouse M815 Setup

- 1. Charging:** Connect the mouse to a USB power source using the provided USB-C cable. The LED indicator will show charging status.
- 2. 2.4GHz Wireless Connection:**
 - Insert the 2.4GHz USB receiver into an available USB port on your computer.
 - Turn on the mouse. It should automatically connect to the receiver.
- 3. Bluetooth Connection:**
 - Switch the mouse to Bluetooth mode.

- On your computer, go to Bluetooth settings and search for new devices.
- Select "Redragon M815" from the list to pair.

4. Wired Connection:

- Connect the mouse directly to your computer using the USB-C cable. The mouse will function in wired mode and charge simultaneously.

3.2 Keyboard K734 Setup

1. **Charging:** Connect the keyboard to a USB power source using a USB-C cable. The battery indicator will show charging status.

2. 2.4GHz Wireless Connection:

- Insert the 2.4GHz USB receiver (often shared with the mouse or a separate one) into an available USB port on your computer.
- Switch the keyboard to 2.4GHz mode. It should automatically connect.

3. Bluetooth Connection:

- Switch the keyboard to Bluetooth mode.
- On your computer, go to Bluetooth settings and search for new devices.
- Select "Redragon K734" from the list to pair.

4. Wired Connection:

- Connect the keyboard directly to your computer using the USB-C cable. The keyboard will function in wired mode and charge simultaneously.

4. OPERATING INSTRUCTIONS

4.1 Mouse M815 Operation

- **DPI Adjustment:** Use the dedicated DPI button (usually located near the scroll wheel) to cycle through different DPI settings. The LED indicator will change color to indicate the current DPI level.
- **Report Rate Adjustment:** Refer to the Redragon software (downloadable from the official website) to adjust the polling rate (report rate) between 125Hz, 250Hz, 500Hz, and 1000Hz.
- **Programmable Buttons:** Utilize the Redragon software to customize the functions of the mouse's programmable buttons, assign macros, and adjust lighting effects.

4.2 Keyboard K734 Operation

- **RGB Lighting Control:**
 - Use Fn + specific keys (e.g., Fn + \| for mode, Fn + arrow keys for brightness/speed) to cycle through lighting effects, adjust brightness, and change speed.
 - For advanced customization, download the Redragon software to create custom lighting profiles.
- **Hot-Swapping Switches:**
 - Power off the keyboard and disconnect it.
 - Use the provided switch puller tool to gently remove the existing switch.

- Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
 - **Key Remapping & Macros:** Use the Redragon software to remap keys, create complex macros, and save multiple profiles for different applications or games.
 - **Function Keys (Fn Combinations):** The K734 features a 75% layout, requiring the use of the Fn key in combination with other keys to access certain functions (e.g., F1-F12, Home, End, PgUp, PgDn). Refer to the keycap legends for specific combinations.
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5. MAINTENANCE

- **Cleaning:**
 - **Mouse:** Use a soft, dry cloth to wipe the surface. For optical sensor, use a cotton swab lightly dampened with isopropyl alcohol.
 - **Keyboard:** Use compressed air to remove dust and debris from between keycaps. Keycaps can be removed for deeper cleaning using a keycap puller. Wipe surfaces with a slightly damp cloth. Ensure the keyboard is powered off and disconnected before cleaning.
 - **Battery Care:** To prolong battery life, avoid fully discharging the devices frequently. Store in a cool, dry place when not in use for extended periods.
 - **Storage:** Store the mouse and keyboard in a clean, dry environment away from extreme temperatures and direct sunlight.
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6. TROUBLESHOOTING

6.1 General Issues

- **Device Not Responding:**
 - Ensure the device is charged.
 - Check the connection mode (2.4GHz, Bluetooth, Wired) and ensure it matches your computer's settings.
 - Try connecting via a different USB port or cable.
 - Restart your computer.
- **Connectivity Issues (Wireless):**
 - Ensure the USB receiver is securely plugged in and close to the device.
 - Avoid interference from other wireless devices (e.g., Wi-Fi routers, other 2.4GHz devices).
 - For Bluetooth, ensure your computer's Bluetooth is enabled and try re-pairing the device.

6.2 Mouse M815 Specific Issues

- **Inaccurate Tracking:** Clean the optical sensor. Ensure you are using the mouse on a suitable surface (preferably a mouse pad).
- **DPI/LED Not Changing:** Ensure the mouse is powered on and try pressing the DPI button firmly. If using software, ensure it's running and updated.

6.3 Keyboard K734 Specific Issues

- **Keys Not Registering:** Check if the switch is properly seated. If hot-swapping, ensure the pins are not bent. Try replacing the switch.
 - **RGB Lighting Malfunction:** Ensure the keyboard is fully charged. Try cycling through lighting modes using Fn combinations. If issues persist, reinstall the Redragon software.
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7. SPECIFICATIONS

7.1 Redragon Wireless Gaming Mouse M815

- **Model:** M815
- **Sensor:** Pixart PAW 3395 Optical Sensor
- **DPI:** Up to 26000 DPI (Adjustable)
- **Report Rate:** 125Hz / 250Hz / 500Hz / 1000Hz
- **Weight:** Approx. 54g
- **Connectivity:** 2.4GHz Wireless, Bluetooth, USB-C Wired

7.2 Redragon Wireless Mechanical Keyboard K734

- **Model:** K734
 - **Layout:** 75% TKL
 - **Switch Type:** Custom Cream Switches (Pre-Lubed Linear, Hot-Swappable)
 - **Operating Force:** 40±10gf
 - **Total Travel:** 3.6mm
 - **Conduction Stroke:** 2.0±0.6mm
 - **Battery Capacity:** 4000mAh
 - **Connectivity:** 2.4GHz Wireless, Bluetooth, USB-C Wired
 - **Lighting:** Full RGB Backlighting
 - **Keycaps:** Side-Engraved PBT
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8. WARRANTY AND SUPPORT

Redragon products typically come with a limited warranty. Please refer to the warranty card included with your product or visit the official Redragon website for detailed warranty terms and conditions. For technical support, product inquiries, or warranty claims, please contact Redragon customer service through their official channels.

Official Redragon Website: www.redragonzone.com
