Redragon K686, M612 PRO

Redragon K686 RGB Keyboard and M612 PRO Wireless Gaming Mouse Bundle User Manual

Model: K686 Keyboard, M612 PRO Mouse

Introduction

This manual provides comprehensive instructions for the setup, operation, and maintenance of your Redragon K686 RGB Keyboard and M612 PRO Wireless Gaming Mouse Bundle. Please read this manual carefully before use to ensure optimal performance and longevity of your devices.



Image: The Redragon K686 RGB Keyboard and M612 PRO Wireless Gaming Mouse, along with the 2.4G USB receiver.

Setup

Package Contents

- Redragon K686 RGB Mechanical Keyboard
- Redragon M612 PRO Wireless Gaming Mouse
- USB-C Cable (for keyboard and wired mouse connection/charging)
- 2.4G USB Receiver
- User Manual (this document)

Connecting the Keyboard

The K686 keyboard supports three connection modes: USB-C wired, 2.4G wireless, and Bluetooth (BT 3.0/5.0).



Image: The Redragon K686 keyboard connected via USB-C cable to a laptop, with icons for 2.4G wireless and Bluetooth connectivity.

1. **USB-C Wired Mode:** Connect the provided USB-C cable from the keyboard to an available USB port on your computer. The keyboard will be automatically recognized.
2. **2.4G Wireless Mode:** Insert the 2.4G USB receiver into an available USB port on your computer. Ensure the keyboard's mode switch is set to 2.4G. The keyboard should connect automatically.
3. **Bluetooth Mode:** Ensure the keyboard's mode switch is set to BT. On your computer or device, search for Bluetooth devices and select 'Redragon K686' to pair. The keyboard supports BT 3.0 and BT 5.0.

Connecting the Mouse

The M612 PRO mouse also supports three connection modes: USB-C wired, 2.4G wireless, and Bluetooth.



Image: The Redragon M612 PRO mouse connected via USB-C cable to a laptop, with icons for Bluetooth and 2.4G wireless connectivity.

1. **USB-C Wired Mode:** Connect the provided USB-C cable from the mouse to an available USB port on your computer. The mouse will be automatically recognized.
2. **2.4G Wireless Mode:** Insert the 2.4G USB receiver (shared with keyboard or separate if provided) into an available USB port. Ensure the mouse's mode switch is set to 2.4G. The mouse should connect automatically.
3. **Bluetooth Mode:** Ensure the mouse's mode switch is set to BT. On your computer or device, search for Bluetooth devices and select 'Redragon M612 PRO' to pair.

Operating the Keyboard (K686)



Image: An overview of the Redragon K686 keyboard highlighting its features: Gasket Design, 3-Mode Tech, 3-Layer Dampening, Hot-Swap Socket, 3000mAh Battery, Dual System compatibility, 98 Keys Layout, and Mixed Keycaps.

Gasket Design and Typing Feel

The K686 features a GASKET design with precision-locked covers and gaskets. This structure provides even feedback, reduces rigid noise, and delivers a crisp, clean, and softer typing feel. It incorporates 3-layer noise dampening for an enhanced acoustic experience.



Image: An exploded diagram illustrating the layers of the Redragon K686 keyboard's Gasket Design, including the top case, TPR gasket, PC slotting positioning board, PO noise absorbing pad, under-switch foam, slotting PCB, socket bottom foam, and bottom case.

RGB Lighting Control

The keyboard features customizable RGB backlighting. Specific key combinations (e.g., Fn + various keys) are used to cycle through lighting modes, adjust brightness, and change colors. Refer to the quick start guide or Redragon software for detailed instructions on lighting customization.

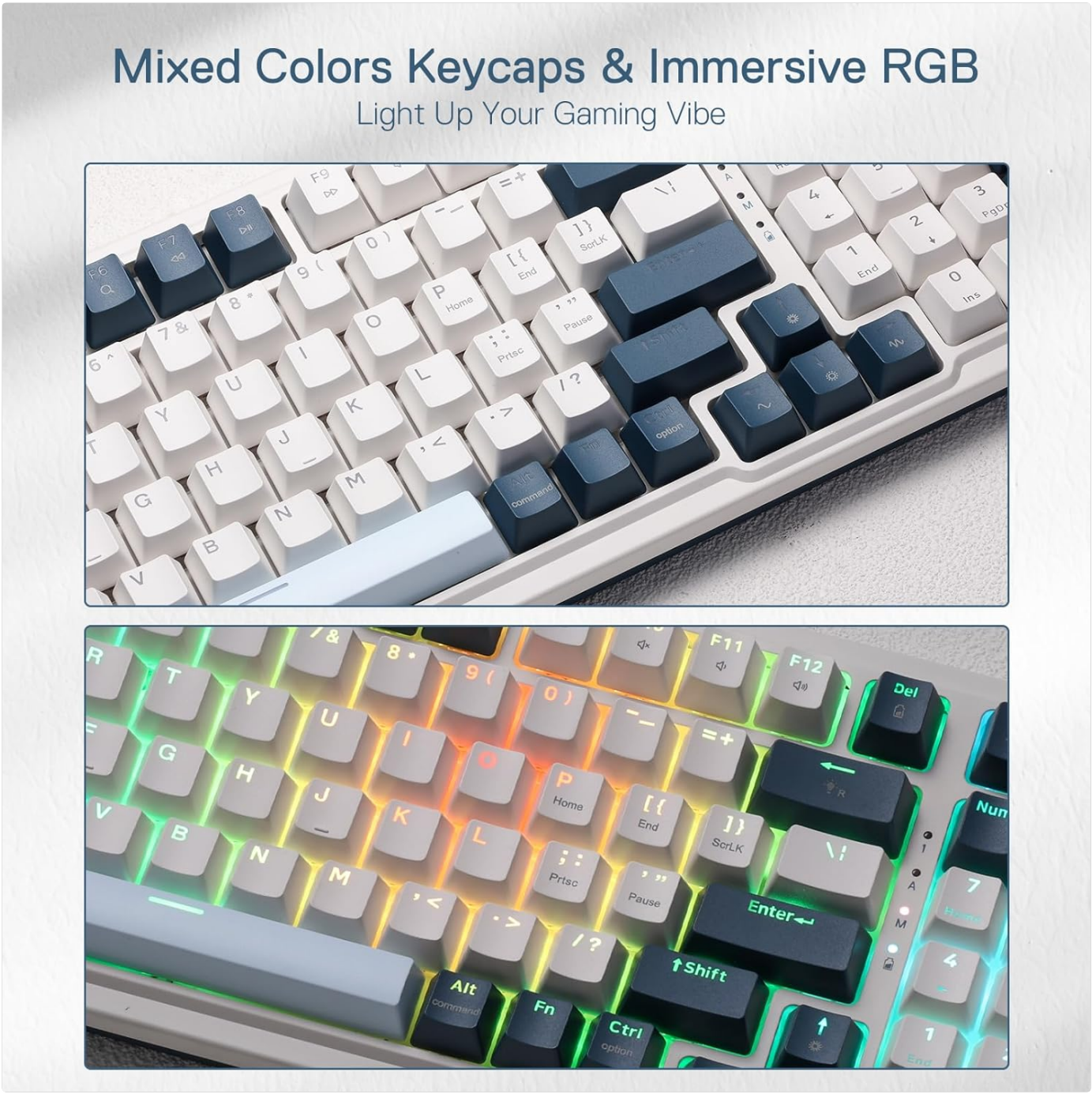


Image: Close-up views of the Redragon K686 keyboard, showcasing its mixed-color keycaps and vibrant RGB backlighting.

Hot-Swap Sockets

The K686 keyboard is equipped with hot-swap sockets, allowing users to change mechanical switches without soldering. This provides flexibility for customizing the typing feel and sound.

Dual System Compatibility

The keyboard supports both Windows and Mac operating systems, offering seamless switching for users with different setups.

Operating the Mouse (M612 PRO)



Image: An overview of the Redragon M612 PRO mouse highlighting its features: 3-Mode Connection, PRO Optical Sensor, 8000 DPI Max, Rapid Fire Button, 9 Programmable Buttons, 10M Click Lifespan, Advanced Software Support, and 7 Backlit Modes.

DPI Adjustment

The M612 PRO mouse features 5 redefinable DPI levels, allowing you to switch sensitivity on the fly. Default DPI levels are 500, 1000, 2000, 3000, and 8000. You can adjust these levels using the dedicated DPI buttons on the mouse or through the Redragon software.



Image: A visual representation of the 5 adjustable DPI levels (200, 1000, 2000, 3000, 8000) and corresponding polling rates (125Hz, 250Hz, 500Hz, 1000Hz) for the Redragon M612 PRO mouse.

Programmable Buttons

The mouse is equipped with 9 programmable buttons, including a rapid fire button and two side macro buttons. These buttons can be customized using the Redragon software to assign specific functions, macros, or keybinds for gaming or productivity tasks.

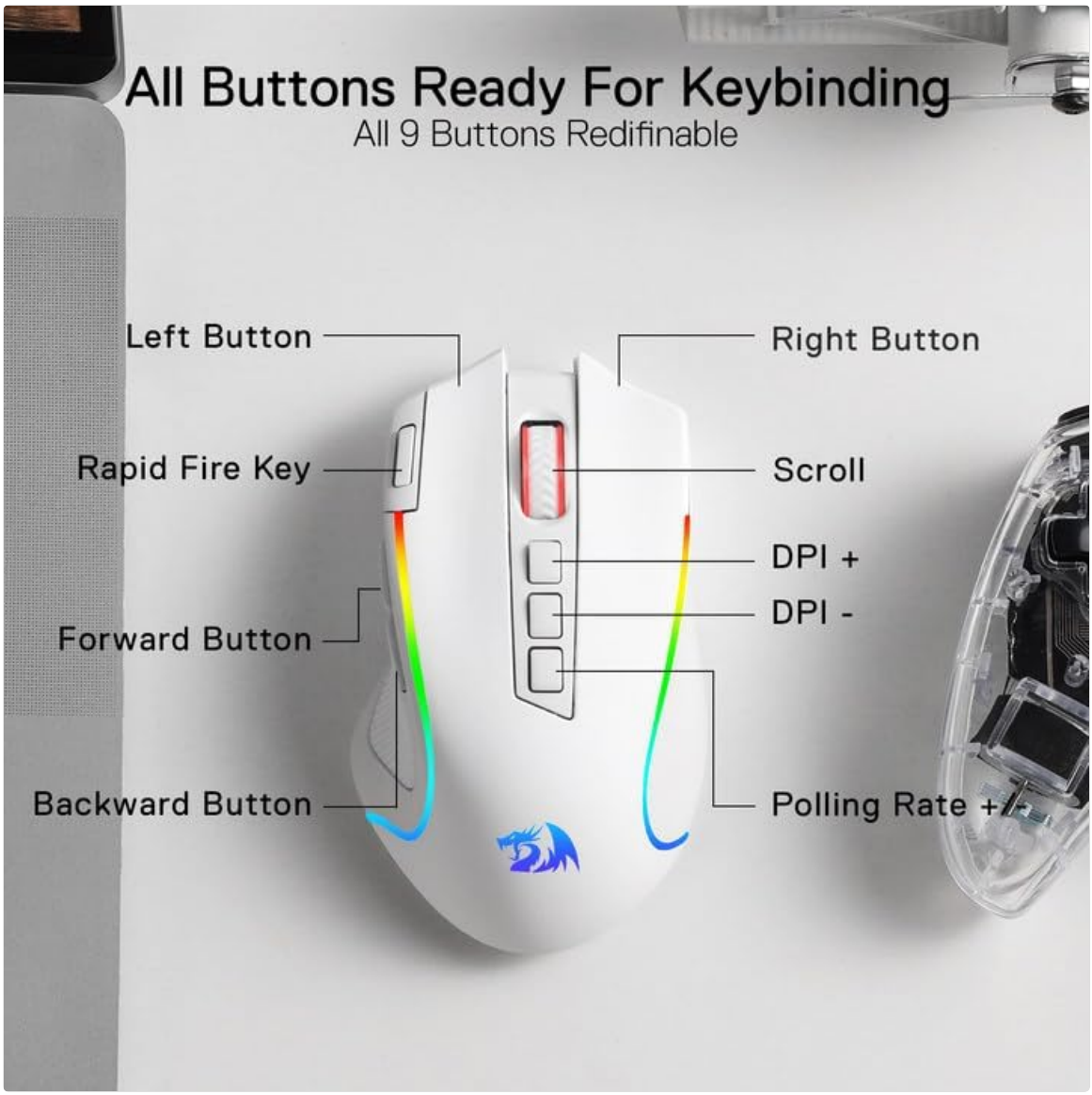


Image: A diagram illustrating the button layout of the Redragon M612 PRO mouse, labeling the Left Button, Right Button, Rapid Fire Key, Scroll Wheel, DPI+ and DPI- buttons, Forward Button, Backward Button, and Polling Rate +/- buttons.

Backlit Modes

The M612 PRO mouse features 7 backlit modes. These can typically be cycled through using a dedicated button or via the Redragon software to match your aesthetic preferences.

Maintenance

Cleaning

- Disconnect devices before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution.
- Avoid harsh chemicals, abrasives, or solvents.
- For the keyboard, use compressed air to remove debris from between keycaps.

Battery Care

To prolong battery life for both the keyboard and mouse:

- Avoid fully discharging the battery frequently.
- Charge the devices using the provided USB-C cable.
- Store devices in a cool, dry place when not in use for extended periods.

Troubleshooting

Connection Issues

- **Device not responding:** Ensure the device is charged and the mode switch (wired/2.4G/BT) is set correctly. Try reconnecting the USB receiver or cable.
- **Bluetooth pairing failure:** Ensure the device is in pairing mode. Remove previous pairings from your computer's Bluetooth settings and try again.
- **Interference:** Move the devices closer to the USB receiver or computer. Avoid placing them near other wireless devices that might cause interference.

Performance Issues

- **Keys/Buttons not responding:** Clean the area around the affected key/button. If using wireless, check battery level. For keyboard, ensure hot-swap switch is seated correctly.
- **DPI/Sensitivity issues (Mouse):** Ensure you are on the desired DPI level. Adjust settings via the mouse buttons or Redragon software.
- **RGB lighting not working:** Check lighting settings via key combinations or software. Ensure the device has sufficient power.

Specifications

Feature	Redragon K686 Keyboard	Redragon M612 PRO Mouse
Connectivity	USB-C Wired, 2.4G Wireless, Bluetooth (BT 3.0/5.0)	USB-C Wired, 2.4G Wireless, Bluetooth
Design	Gasket Design, 3-Layer Noise Dampening	Ergonomic, PRO Optical Sensor
Key/Button Count	98 Keys Layout	9 Programmable Buttons
DPI Levels	N/A	500/1000/2000/3000/8000 (Customizable)
Backlighting	RGB	7 Backlit Modes
Special Features	Hot-Swap Sockets, Dual System (Win/Mac)	Rapid Fire Key, 10M Click Lifespan
Color	White	

Warranty and Support

Warranty Information

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 specific to your region.

Customer Support

For technical assistance, troubleshooting, or product inquiries, please contact Redragon customer support through their official website or the contact information provided on the product packaging. When contacting support, please have your product model number (K686, M612 PRO) and purchase details ready.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question