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Redragon M686, K631

Redragon M686 Vampire Elite Wireless Mouse & K631 Castor 65% Wired RGB Gaming Keyboard Bundle

Models: M686, K631

Introduction

This manual provides comprehensive instructions for the Redragon M686 Vampire Elite Wireless Gaming Mouse and the Redragon K631 Castor 65% Wired RGB Gaming Keyboard. Please read this manual carefully before using the products to ensure proper setup, operation, and maintenance. This bundle is designed to enhance your gaming and computing experience with high performance and customizable features.



Image: The Redragon M686 Vampire Elite Wireless Mouse and K631 Castor 65% Wired RGB Gaming Keyboard, shown together as a bundle.

Setup Guide

M686 Vampire Elite Wireless Mouse Setup

1. **Charge the Mouse:** Before first use, connect the mouse to a USB power source using the provided USB cable to ensure it is fully charged.
2. **Insert USB Dongle:** Locate the 2.4GHz USB dongle, typically stored in a compartment on the underside of the mouse. Insert this dongle into an available USB port on your computer.
3. **Power On:** Turn on the mouse using the power switch located on its underside. The mouse should automatically connect to the dongle.
4. **Driver Installation (Optional):** For advanced customization, such as macro programming and detailed DPI settings, download and install the Redragon software from the official Redragon website.



Image: The Redragon M686 Vampire Elite Wireless Mouse demonstrating its 2.4GHz wireless connectivity with the USB dongle inserted into a laptop.

K631 Castor 65% Wired RGB Gaming Keyboard Setup

1. **Connect USB Cable:** Connect the USB-C end of the provided cable to the keyboard and the USB-A end to an available USB port on your computer.
2. **Automatic Recognition:** The keyboard is plug-and-play and should be automatically recognized by your operating system.
3. **Driver Installation (Optional):** For advanced customization, such as RGB lighting effects, key remapping, and macro programming, download and install the Redragon software from the official Redragon website.



Image: The Redragon K631 Castor 65% Wired RGB Gaming Keyboard positioned on a desk as part of a gaming setup, showcasing its compact design and RGB lighting.

Operating Instructions

M686 Vampire Elite Wireless Mouse Operation

The M686 mouse features a high-precision sensor, customizable DPI settings, and programmable buttons for an optimized gaming experience.

- **DPI Adjustment:** Use the dedicated DPI buttons (usually located near the scroll wheel) to cycle through preset DPI levels. The software allows for precise customization of these levels.
- **Programmable Buttons:** The mouse features 8 programmable buttons. These can be assigned various functions, macros, or keybinds using the Redragon software.
- **Polling Rate:** The mouse supports a 1000 Hz polling rate, ensuring rapid response times.
- **RGB Lighting:** The integrated RGB lighting can be customized through the Redragon software, offering various effects and colors.



Image: A diagram highlighting key features of the Redragon M686 Vampire Elite Wireless Mouse, including its PAW3335 Pro Sensor, 1ms response time, RGB backlighting, 2.4GHz dual mode, 16000 DPI, and 20 million click lifespan.

K631 Castor 65% Wired RGB Gaming Keyboard Operation

The K631 keyboard offers a compact 65% layout with dedicated arrow keys and hot-swappable switches for personalized typing and gaming.

- **Function Keys:** Access multimedia controls and other functions using the 'Fn' key in combination with other keys. Refer to the keyboard's keycap legends for specific combinations.
- **RGB Lighting Control:** Adjust RGB lighting modes, brightness, and speed directly on the keyboard using specific key combinations (e.g., Fn + \| for mode, Fn + Arrow keys for brightness/speed). More advanced customization is available via software.
- **Hot-Swappable Switches:** The keyboard supports hot-swappable mechanical switches, allowing users to change switches without soldering. Use the included switch puller tool to carefully remove and insert switches. Ensure the new switches are compatible (3-pin or 5-pin).



Image: A hand using a switch puller tool to remove a red mechanical switch from the Redragon K631 Castor 65% Wired RGB Gaming Keyboard, demonstrating its hot-swappable feature.



Image: A close-up view of the Redragon K631 Castor 65% Wired RGB Gaming Keyboard with several different colored mechanical switches installed, showcasing the hot-swappable functionality and switch variety.

Maintenance

- **Cleaning:** Use a soft, dry cloth to wipe down the surfaces of both the mouse and keyboard. For deeper cleaning, a can of compressed air can be used to remove dust and debris from between keycaps and mouse crevices. Avoid using harsh chemicals or abrasive materials.
- **Keyboard Keycap and Switch Cleaning:** For the keyboard, keycaps can be carefully removed for thorough cleaning. Use a keycap puller if available. If switches are removed, ensure no dust or liquid enters the switch sockets.
- **Cable Management:** Keep cables organized to prevent tangles and damage.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Mouse not responding	Low battery; Dongle not connected; Incorrect power switch position; Driver issue.	Charge the mouse; Ensure dongle is securely plugged in; Turn mouse power switch ON; Reinstall mouse driver.
Keyboard not responding	USB cable loose/damaged; Port issue; Driver issue.	Check USB cable connection; Try a different USB port; Reinstall keyboard driver.
RGB lighting not working/incorrect	Software settings; Keyboard/Mouse lighting mode.	Check Redragon software settings; Cycle through lighting modes using keyboard/mouse controls.
Mouse cursor erratic/lagging	Dirty sensor; Interference; Surface issue.	Clean mouse sensor; Move dongle closer to mouse; Use a proper mouse pad.
Keyboard keys not registering	Loose/faulty switch; Debris under keycap.	Reseat or replace the switch; Clean under the keycap.

Specifications

Brand: Redragon

Model (Mouse): M686 Vampire Elite

Model (Keyboard): K631 Castor

Connectivity (Mouse): 2.4GHz Wireless

Connectivity (Keyboard): Wired (USB-C to USB-A)

Mouse Sensor: PAW3335 Pro Sensor

Mouse DPI: Up to 16000 DPI (Adjustable)

Mouse Polling Rate: 1000 Hz

Mouse Button Lifespan: 20 Million Clicks

Keyboard Layout: 65% (68 Keys)

Keyboard Switches: Hot-Swappable Mechanical Switches

Backlighting: RGB (Customizable)

Compatible Devices: PC, Gaming Console

Hardware Platform: PC

Warranty and Support

Redragon products typically come with a limited warranty. For specific warranty terms, technical support, driver downloads, and frequently asked questions, please visit the official Redragon website or contact their customer support directly. Keep your purchase receipt for warranty claims.
Official Redragon Store: Redragon Amazon Store

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