Redragon K587-PRO

Redragon Pro Magic-Wand RGB Mechanical Gaming Keyboard

Model: K587-PRO

User Manual

1. Introduction

Thank you for choosing the Redragon Pro Magic-Wand RGB Mechanical Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your new keyboard to ensure optimal performance and longevity. Please read this manual thoroughly before use.

2. Product Overview

The Redragon K587-PRO is a high-performance mechanical gaming keyboard designed for speed and precision. It features ultra-fast optical blue switches, customizable RGB backlighting, dedicated macro keys, and a detachable wrist rest for enhanced comfort.



Figure 2.1: Redragon K587-PRO Mechanical Gaming Keyboard with full layout and RGB lighting.

2.1 Key Features

- **Ultra-Fast Optical Blue Switches:** Designed for rapid response and tactile feedback.
- **16.8M Dynamic Customizable RGB Backlighting:** Offers multiple lighting modes and DIY effects.
- **9 Onboard Macro Keys:** Programmable for complex commands.
- **Detachable Wrist Rest:** Provides ergonomic support for extended gaming sessions.
- **Volume Wheel:** Convenient control for audio levels.
- **Detachable Type-C Cable:** For easy connectivity and portability.

2.2 Optical Blue Switches

The K587-PRO utilizes optical blue switches, which offer crisp and clicky feedback. These switches register keystrokes using light, allowing for faster actuation compared to traditional mechanical switches.



Figure 2.2: Illustration of the ultra-fast optical blue switches, highlighting their light-based actuation mechanism.

2.3 RGB Backlighting

Experience vibrant illumination with 16.8 million colors and dynamic lighting effects. The keyboard supports 6 themed backlights with 18 lighting models and a DIY lighting effect for personalized customization.



Figure 2.3: The Redragon K587-PRO keyboard showcasing its customizable RGB backlighting with various color patterns.

2.4 Detachable Wrist Rest

The included wrist rest attaches magnetically to the keyboard, providing comfortable support for your wrists during long gaming or typing sessions. It can be easily removed when not needed.



Figure 2.4: The detachable wrist rest connected to the keyboard via magnets, illustrating its ergonomic design.

3. Setup Instructions

1. **Connect the Keyboard:** Insert the USB Type-C end of the provided cable into the keyboard's port and the USB-A end into an available USB port on your computer.
2. **Attach Wrist Rest (Optional):** Align the magnetic connectors of the wrist rest with those on the front edge of the keyboard and gently push until it snaps into place.
3. **Driver Installation:** The keyboard is plug-and-play. Your operating system should automatically detect and install the necessary drivers.
4. **Software Installation (Optional):** For advanced customization, including macro programming and detailed RGB settings, download the Redragon K587-PRO software from the official Redragon website.

4. Operating Instructions

4.1 Basic Functions

- **Typing:** Use the standard QWERTY layout for typing.
- **Volume Control:** Rotate the dedicated volume wheel located on the top right of the keyboard to adjust audio output. Press the wheel to mute/unmute.

4.2 RGB Backlighting Control

The K587-PRO offers various ways to control its RGB lighting:

- **FN + INS:** Cycle through preset lighting effects.
- **FN + DEL:** Change lighting colors within certain modes.
- **FN + HOME/END:** Adjust lighting brightness.
- **FN + PGUP/PGDN:** Adjust lighting speed.
- **Software Control:** For advanced customization, including per-key lighting and DIY modes, use the Redragon software.

4.3 Macro Key Programming

The keyboard features 9 dedicated macro keys (G1-G9) that can be programmed for complex sequences of commands. Macro programming is primarily done through the Redragon software.

- **On-the-fly Macro Recording (Limited):** Some basic macro recording might be available directly on the keyboard. Refer to the software manual for detailed instructions.
- **Software Macro Programming:** The Redragon software allows for comprehensive macro creation, editing, and assignment to any key, including the dedicated macro keys.

5. Software Support

The Redragon K587-PRO is fully supported by Redragon's proprietary software, which unlocks the keyboard's full potential. The software allows you to:

- Customize RGB lighting effects and colors.
- Program and assign macros to any key.
- Remap key functions.
- Create and manage multiple user profiles.
- Adjust polling rate and other performance settings.



Figure 5.1: Screenshot of the Redragon software interface, showing options for profile management, macro programming, and lighting customization.

Please visit the official Redragon website to download the latest version of the software for your K587-PRO keyboard.

6. Maintenance

Proper maintenance ensures the longevity and performance of your keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe down the keyboard surface. For dust and debris between keycaps, use compressed air. Avoid using liquid cleaners directly on the keyboard.
- **Keycap Removal:** If necessary, keycaps can be carefully removed using a keycap puller for deeper cleaning. Be gentle to avoid damaging the switches.
- **Cable Care:** Avoid sharp bends or excessive pulling on the detachable USB-C cable to prevent damage.

7. Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding	Loose cable connection, faulty USB port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Restart your computer. Reinstall keyboard drivers if necessary.
RGB lighting not working	Lighting turned off, software conflict.	Press FN + INS to cycle through lighting modes. Check brightness settings (FN + HOME/END). Ensure Redragon software is running correctly and not conflicting with other lighting software.
Macros not executing	Incorrect macro programming, profile not active.	Verify macro programming in the Redragon software. Ensure the correct profile with the programmed macros is active.
Keys not registering	Dust/debris under keycap, faulty switch.	Use compressed air to clean under the keycap. If the issue persists for a specific key, it might indicate a faulty switch requiring professional service.

8. Specifications

Feature	Detail
Model Number	K587RGB-PRO
Connectivity	USB (Detachable Type-C cable)
Switch Type	Optical Blue Switches
Number of Keys	104
Backlighting	RGB (16.8M colors, multiple modes)
Macro Keys	9 Onboard Programmable Macro Keys
Wrist Rest	Detachable Magnetic
Color	Black
Product Dimensions	10 x 5 x 30 cm; 11 g
Item Dimensions (L x W x H)	10L x 5W x 30H centimeters
Item Weight	11 g
Compatible with	PC & Laptop

9. Warranty and Support

For warranty information and technical support, please refer to the official Redragon website or contact Redragon customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Official Redragon Website: www.redragonzone.com

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