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Redragon K556 PRO

Redragon K556 PRO Wireless RGB Gaming Keyboard

User Manual

Model: K556 PRO | Brand: Redragon

Introduction

The Redragon K556 PRO is an upgraded wireless RGB mechanical gaming keyboard designed for versatile connectivity and a premium typing experience. It features a durable aluminum build, hot-swappable switches, dynamic RGB backlighting, and professional software support for extensive customization.

- **3-Mode Connection:** Utilizes innovative tri-mode connection technology, offering USB-C wired, BT 3.0/5.0, and 2.4Ghz wireless modes for enhanced user experience across various platforms.
- **True Hot-Swap:** Features a transformative innovation with 99.8%+ switch compatibility, allowing for free-mod hot-swappable switches. The unique socket design simplifies switch mounting and reduces wobbling.
- **Original Aluminum Board:** The K556 PRO maintains a tank-solid aluminum metal board with a classic brushed surface, ensuring stability and elegance for a premium typing experience.
- **Quiet+ Red Switches:** Equipped with quiet basic linear mechanical switches that provide soft key travel for easy registration. Includes 3.5mm sound absorbing foam for a clear, crisp typing sound without excessive noise. Easily update with preferred switches.
- **Vibrant Groovy RGB:** Offers up to 20 preset backlighting modes directly from the keyboard. Brightness and flowing speed are adjustable on-board, allowing users to select preferred modes for any gaming or work environment.
- **Pro Software Supported:** Expand customization options using available software from redragonshop. Design new modes and effects, and create macros with different keybindings or shortcuts for efficient work and gaming.

What's in the Box

- Keycap/Switch Puller
- Spare Switches
- USB Cable

- Redragon K556 PRO Wireless RGB Gaming Keyboard

Setup

Follow these steps to set up your Redragon K556 PRO keyboard:

1. **Unboxing:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connection Mode Selection:**
    - **2.4Ghz Wireless:** Locate the 2.4Ghz USB dongle, usually stored in a compartment on the keyboard's underside. Plug it into an available USB port on your computer. Ensure the keyboard's mode switch (located on the back) is set to 2.4G.
    - **Bluetooth (BT1/BT2/BT3):** Switch the keyboard's mode to BT. On your device (PC, laptop, tablet), enable Bluetooth and search for "Redragon K556 PRO". Select and pair. The keyboard supports up to three Bluetooth devices, switchable via dedicated keys (BT1, BT2, BT3).
    - **USB-C Wired:** Connect the provided USB-C cable to the keyboard and the other end to your computer's USB port. Set the keyboard's mode switch to OFF (wired mode).
3. **Initial Charge:** For wireless use, ensure the keyboard is sufficiently charged. Connect the USB-C cable to a power source or your computer.
4. **Software Installation (Optional but Recommended):** Download the professional software from the official Redragon website (redragonshop.com) to unlock full customization options for RGB lighting, macros, and key remapping.



The Redragon K556 PRO keyboard with its full layout and vibrant RGB lighting.



Close-up view of the keyboard's robust aluminum frame, highlighting its durable construction.

Your browser does not support the video tag.

Official product video showcasing the Redragon K556 PRO Aluminum Wireless RGB Gaming Keyboard's features and connectivity options.

Operating Instructions

Connectivity Modes:

- **Wired Mode:** Connect the USB-C cable. The keyboard will automatically switch to wired mode.
- **2.4Ghz Wireless Mode:** Plug the USB dongle into your device. Set the switch on the back of the keyboard to "2.4G". The keyboard will connect automatically.
- **Bluetooth Mode:** Set the switch on the back of the keyboard to "BT". Press Fn + BT1/BT2/BT3 to select a Bluetooth channel. The keyboard will enter pairing mode. Connect from your device's Bluetooth settings.

RGB Backlighting Control:

The K556 PRO offers various on-board RGB lighting effects. Use the following key combinations:

- **Fn + Ins:** Cycles through lighting modes (e.g., The Trial of Light, Breathing, Normally On).
- **Fn + Home:** Cycles through interactive lighting modes (e.g., Ripple Graff, Pass Without Trace, Coastal).
- **Fn + PgUp:** Cycles through additional lighting modes (e.g., Hurricane, Accumulate, Digital Times).
- **Fn + Del:** Cycles through more lighting modes (e.g., Go with the Stream, Clouds Fly, Winding Paths).
- **Fn + End:** Cycles through unique lighting modes (e.g., Flowers Blooming, Snow Winter Jasmine, Swift Action).
- **Fn + PgDn:** Cycles through final lighting modes (e.g., Both Ways, Surmount, Fast and the Furious).
- **Fn + Plus/Minus (main keyboard):** Adjusts backlighting speed.
- **Fn + Up/Down Arrows:** Adjusts backlighting brightness.
- **Fn + Left Arrow:** Changes the direction of flowing effects.
- **Fn + Right Arrow:** Changes static color (for "Normally On" mode, cycles through Rainbow, Red, Orange, Yellow, Green, Cyan, Blue, Purple, Violet).
- **Fn + PrtScrn:** Resets backlighting settings to default.



The keyboard displaying its dynamic RGB backlighting, creating an immersive gaming atmosphere.

Battery Level Monitoring:

Press **Fn + !** to check the battery level. The number row keys (1-9) will light up to indicate the charge percentage. Keys 1-3 lighting up in red indicate less than 30% battery.



Information on the keyboard's 1600 mAh battery, providing up to 50 hours with backlight on and 150 hours with backlight off.

Pro Software Features:

The dedicated software allows for advanced customization:

- **Macro Editor:** Create and assign complex macros to any key.
- **Key Assignment:** Remap keys to different functions or shortcuts.
- **Lighting Customization:** Design unique RGB lighting effects and save them to profiles.
- **Profile Management:** Save and switch between multiple profiles for different applications or games.



Screenshot of the Redragon software interface, showing options for profile management, macro editing, and RGB lighting customization.

Maintenance

- **Cleaning:** Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use a keycap puller to remove keycaps and clean dust and debris from the switches and plate.
- **Switch Replacement:** Utilize the included keycap/switch puller to easily remove and replace switches. Ensure the new switches are compatible (3/5-pin).



Detailed view of the hot-swappable PCB and switches, demonstrating the ease of switch replacement.

Troubleshooting

If you encounter issues with your Redragon K556 PRO keyboard, consider the following:

- **Connectivity Issues:**
  - Ensure the mode switch on the back of the keyboard is set correctly for your desired connection (2.4G, BT, or OFF for wired).
  - For wireless modes, check battery level. Recharge if low.
  - For 2.4Ghz, try plugging the dongle into a different USB port.
  - For Bluetooth, ensure your device's Bluetooth is enabled and try re-pairing.
- **Key Not Responding:**
  - Check if the keycap is properly seated.

- If hot-swappable, try removing and re-inserting the switch. If the issue persists, replace the switch with a spare.

- **RGB Lighting Malfunction:**
  - Ensure the keyboard is powered on and not in a low-power state.
  - Try resetting the lighting settings using Fn + PrtScrn.
  - If using the software, ensure it's updated and settings are applied correctly.

For more detailed troubleshooting or advanced issues, please refer to the official User Manual PDF or contact Redragon customer support.

Specifications

Feature	Detail
Product Dimensions	17.1 x 4.9 x 1.1 inches
Item Weight	2.37 pounds
Manufacturer	Redragon
Item Model Number	K556 PRO
Batteries	1 Lithium Polymer batteries required (included)
Connectivity Technology	BT, 2.4Ghz, USB-C
Keyboard Description	104 Keys Wireless Aluminum Hot-Swap Gaming Keyboard
Recommended Uses	Gaming
Special Feature	Wireless, BT, Lighting, Modable
Color	K556 PRO (RGB)
Number of Keys	104
Keyboard Backlighting	RGB

Warranty and Support

The Redragon K556 PRO keyboard typically comes with an**18-month warranty**, as noted in customer reviews, reflecting Redragon's commitment to product quality and customer satisfaction.
For further assistance, detailed instructions, or warranty claims, please refer to the official user manual or contact Redragon customer support:

- **Official User Manual (PDF):** Download PDF
- **Redragon Official Website:** Visit redragonshop.com for support, drivers, and software.

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