Redragon K728 PRO

Redragon K728 PRO 80% Wireless Gasket RGB Gaming Keyboard User Manual

Model: K728 PRO | Brand: Redragon

1. Introduction

This manual provides comprehensive instructions for the Redragon K728 PRO 80% Wireless Gasket RGB Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the keyboard.

2. Product Overview

2.1 Key Features

- **Gasket-Mounted Design:** Features a precision-locked body structure with gaskets for reduced noise and enhanced typing flexibility, providing a crisp and softer typing feel.
- **Tri-Mode Connection:** Supports USB-C wired, Bluetooth 3.0/5.0, and 2.4Ghz wireless connectivity for versatile usage across various devices.
- **5-Layer Noise Dampening:** Equipped with 3.5mm PO foam, IXPE switch foam, PET sound pad, bottom socket foam, and silicone bottom pad, along with a silicone gasket, to significantly reduce hollow noise and create clean typing acoustics.
- **Custom Dragon Chant Switches:** Features thick-lubed custom linear switches that offer cushioned, rich linear travel with silky, creamy, and comfortable typing feedback.
- **80% TKL Form Factor:** An 87-key tenkeyless layout designed to provide more mouse-moving space, ideal for FPS gamers.
- **Pro Software Supported:** Compatible with Redragon software for custom keybindings, macros, and RGB lighting effects.

2.2 Keyboard Layout and Components

The Redragon K728 PRO features an 87-key TKL layout. Key components include the USB-C port, 2.4Ghz wireless dongle storage, and a mode switch.



Figure 2.2.1: Angled view of the Redragon K728 PRO keyboard, showcasing its compact TKL layout and RGB lighting.

This image displays the Redragon K728 PRO keyboard from an angled perspective, highlighting its 87-key tenkeyless design and the vibrant RGB backlighting visible through the keycaps. The mixed color keycaps are also clearly visible.



Figure 2.2.2: Close-up of the Redragon K728 PRO keyboard's connectivity features, including the USB-C port and 2.4Ghz dongle.

This image provides a detailed view of the keyboard's side, showing the USB-C port for wired connection and charging, as well as the dedicated slot for the 2.4Ghz wireless dongle. A switch for selecting connection modes (2.4G, Off, BT) is also visible.



Figure 2.2.3: Detail of the Redragon K728 PRO's hot-swappable switch sockets and removable keycaps.

This close-up image illustrates the hot-swappable nature of the Redragon K728 PRO keyboard. Several keycaps have been removed, revealing the mechanical switches and their sockets, demonstrating the ease of customization and maintenance.

3. Setup

3.1 Wired Connection (USB-C)

1. Locate the USB-C port on the keyboard (typically on the left side).
2. Connect the provided USB-C cable to the keyboard.
3. Connect the other end of the USB-A cable to an available USB port on your computer.
4. Ensure the mode switch on the keyboard is set to the "OFF" or "Wired" position (if available, otherwise it will automatically detect wired connection).
5. The keyboard will be automatically recognized by your operating system.

3.2 2.4Ghz Wireless Connection

1. Locate the 2.4Ghz USB dongle, usually stored in a compartment on the keyboard.

2. Plug the USB dongle into an available USB port on your computer.
3. Set the mode switch on the keyboard to the "2.4G" position.
4. The keyboard should automatically connect to the dongle. If not, press **Fn + 4** to initiate pairing.

3.3 Bluetooth Wireless Connection

The keyboard supports up to three Bluetooth devices.

1. Set the mode switch on the keyboard to the "BT" position.
2. To pair with a new device, press and hold **Fn + 1**, **Fn + 2**, or **Fn + 3** for 3-5 seconds until the corresponding key's backlight flashes rapidly. This indicates pairing mode.
3. On your device (computer, laptop, gaming console), open Bluetooth settings and search for "Redragon K728 PRO" or similar.
4. Select the keyboard to complete the pairing process. The key's backlight will stop flashing once connected.
5. To switch between paired Bluetooth devices, simply press **Fn + 1**, **Fn + 2**, or **Fn + 3** (short press).

3.4 Charging the Keyboard

Connect the keyboard to a USB power source (computer USB port or USB wall adapter) using the provided USB-C cable. The keyboard's indicator light will show charging status (refer to the keyboard's specific LED indicators for details, usually a red light while charging and off when fully charged).

4. Operating Instructions

4.1 Function Key Combinations (Fn)

The **Fn** key allows access to various multimedia and system functions. Press and hold the **Fn** key, then press the desired function key.

Combination	Function
Fn + F1	Media Player
Fn + F2	Volume Down
Fn + F3	Volume Up
Fn + F4	Mute
Fn + F5	Stop
Fn + F6	Previous Track
Fn + F7	Play/Pause
Fn + F8	Next Track
Fn + F9	Email
Fn + F10	Web Browser
Fn + F11	My Computer
Fn + F12	Calculator

Combination	Function
Fn + Win	Lock/Unlock Windows Key
Fn + Ins	Cycle RGB Lighting Modes
Fn + Home	Adjust RGB Lighting Speed
Fn + PgUp	Adjust RGB Lighting Brightness
Fn + Del	Cycle RGB Lighting Colors

4.2 RGB Lighting Customization

The Redragon K728 PRO offers extensive RGB lighting customization. Use the**Fn** key combinations listed above to cycle through modes, adjust brightness, speed, and color. For advanced customization, including per-key lighting and macro programming, download the official Redragon software from the Redragon website.

5. Maintenance

5.1 Cleaning the Keyboard

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe down the keycaps and chassis.
- For dust and debris between keys, use compressed air.
- Avoid using harsh chemicals, abrasive cleaners, or excessive moisture.

5.2 Keycap and Switch Replacement

The K728 PRO features hot-swappable switches, allowing for easy replacement without soldering. Use the provided keycap puller and switch puller tools.

1. Gently use the keycap puller to remove the desired keycap by hooking it onto the keycap and pulling upwards.
2. Once the keycap is removed, use the switch puller to grasp the top and bottom clips of the switch. Squeeze gently and pull the switch straight up.
3. To install a new switch, align its pins with the holes on the PCB. Press down firmly until the switch clicks into place. Ensure the pins are straight to avoid bending.
4. Place the keycap back onto the switch stem and press down until it is securely seated.

6. Troubleshooting

Problem	Possible Cause / Solution
Keyboard not responding (wired)	• Ensure USB-C cable is securely connected to both keyboard and computer. • Try a different USB port on your computer. • Test with a different USB-C cable.

Problem	Possible Cause / Solution
Keyboard not connecting (2.4Ghz wireless)	• Ensure the 2.4Ghz dongle is plugged into a working USB port. • Verify the mode switch on the keyboard is set to "2.4G". • Press **Fn + 4** to re-initiate pairing. • Move the keyboard closer to the dongle to reduce interference.
Keyboard not connecting (Bluetooth)	• Ensure the mode switch on the keyboard is set to "BT". • Verify Bluetooth is enabled on your device. • Press and hold **Fn + 1/2/3** to enter pairing mode for the desired slot. • Remove the keyboard from your device's Bluetooth list and re-pair. • Ensure the keyboard battery is charged.
Specific keys not working	• Perform a factory reset: Press and hold **Fn + Esc** for 5 seconds. • Check if the keycap or switch is properly seated. Refer to Section 5.2 for replacement instructions. • If a switch is faulty, replace it with a spare or new one.
RGB lighting not working or stuck	• Use **Fn + Ins** to cycle through lighting modes. • Use **Fn + PgUp/PgDn** to adjust brightness. • Perform a factory reset: Press and hold **Fn + Esc** for 5 seconds. • Ensure the keyboard software is up to date if using custom profiles.

7. Specifications

Feature	Detail
Model Name	Antonium (K728 PRO)
Brand	Redragon
Connectivity Technology	2.4Ghz, Bluetooth (BT 3.0/5.0), USB-C Wired
Keyboard Description	80% TKL Wireless Gasket Gaming Keyboard
Number of Keys	87
Special Features	3-Mode Gasket, 5-Layer Noise Dampening, Custom Switches, Hot-Swap Socket
Color	Polar Blue
Compatible Devices	Gaming Console, Laptop, PC
Item Weight	2.79 pounds
Package Dimensions	16.26 x 7.32 x 2.52 inches

Feature	Detail
Batteries	1 Lithium Polymer battery required
Date First Available	January 6, 2025

8. Warranty and Support

For warranty information and technical support, please visit the official Redragon website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.
Official Redragon Website: www.redragonshop.com

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