Redragon K530 PRO

Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard User Manual

Model: K530 PRO
Brand: Redragon

1. Product Overview

The Redragon K530 Pro Draconic is a compact 60% wireless mechanical keyboard designed for versatility and performance. It features a 3-mode connection system (USB-C wired, 2.4GHz wireless, and Bluetooth 3.0/5.0), allowing seamless switching between multiple devices. The keyboard is equipped with 100% hot-swappable sockets, supporting both 3-pin and 5-pin mechanical switches for easy customization. Its vibrant RGB illumination offers multiple dynamic presets and can be further customized via dedicated software.

Key Features:

- **3-Mode Connection:** USB-C wired, 2.4GHz wireless, and Bluetooth (BT1/BT2) for broad compatibility.
- **60% Compact Layout:** 61 keys, optimized for desktop space and portability.
- **Hot-Swappable Switches:** Compatible with 99.8%+ 3-pin and 5-pin mechanical switches for easy customization and maintenance.
- **RGB Backlighting:** Dynamic 13 presets and full customization via software.
- **Long-lasting Battery:** Built-in 1600 mAh battery for extended wireless use.



Figure 1: Redragon K530 Pro Draconic Keyboard with highlighted features.

2. Package Contents

Please verify that all items are present in the package:

- Redragon K530 Pro Draconic Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- User Manual (this document)

3. Setup Guide

3.1 Wired Connection

1. Connect the USB-C end of the provided cable to the keyboard's USB-C port.
2. Connect the USB-A end of the cable to an available USB port on your computer.
3. The keyboard will be automatically recognized and ready for use.



Figure 2: The three connection modes of the K530 Pro Draconic keyboard.

3.2 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB dongle, usually stored in a compartment on the keyboard.
2. Insert the USB dongle into an available USB port on your computer.
3. On the keyboard, use the side switch to select the 2.4GHz mode. The keyboard will automatically connect to the dongle.

3.3 Bluetooth Connection

The keyboard supports two Bluetooth connections (BT1 and BT2).

1. On the keyboard, use the side switch to select either BT1 or BT2 mode.
2. Press and hold the **Fn** + **Q** (for BT1) or **Fn** + **W** (for BT2) keys for 3 seconds until the indicator light flashes rapidly, indicating pairing mode.
3. On your device (PC, tablet, smartphone), go to Bluetooth settings and search for new devices.
4. Select "Redragon K530 Pro" from the list of available devices to complete the pairing.

5. To switch between paired Bluetooth devices, simply use the side switch to select BT1 or BT2.



Figure 3: Seamless switching between 2.4GHz and two Bluetooth devices.

4. Operating Instructions

4.1 Basic Key Functions

The K530 Pro Draconic features a standard 61-key layout. All alphanumeric and symbol keys function as expected. Due to its compact size, some functions are accessed via combinations with the **Fn** key.

4.2 Function Key Combinations (Fn Keys)

Utilize the **Fn** key in combination with other keys to access secondary functions:

- **Fn** + **P**: Print Screen (PRTSC)
- **Fn** + **[{**: Home
- **Fn** + **] }**: End

- **Fn** + **;** **:**: Page Up (PGUP)
- **Fn** + **'** **"**: Page Down (PGDN)
- **Fn** + **.** **>**: Insert
- **Fn** + **/** **?**: Delete
- **Fn** + **CapsLk**: Restore (Function specific to certain software modes)
- **Fn** + **Esc**: Tilde (~)
- **Fn** + **W**/**A**/**S**/**D**: Arrow Keys (Toggle between WASD and arrow key functionality)



Figure 4: Easy-Access Fn Combo Function Keys.

4.3 RGB Backlight Control

The keyboard features dynamic RGB backlighting. You can cycle through 13 preset illumination modes directly from the keyboard. For advanced customization, including millions of color options and reactive typing effects, install the professional driver software.

The software can be downloaded from the Redragon website. Please visitbit.ly/K530PRO for the latest software version (ensure it is for K530-PRO, not the basic K530 model).



Figure 5: RGB Illumination Builder Software Interface.

4.4 Hot-Swappable Switches

The K530 Pro Draconic features hot-swappable sockets, allowing you to change mechanical switches without soldering. This supports both 3-pin and 5-pin switches.

Removing Switches:

1. Use the provided keycap puller to gently remove the desired keycap.
2. Use the provided switch puller to grasp the top and bottom clips of the switch.
3. Gently pull the switch straight up to remove it from the PCB.

Installing Switches:

1. Align the pins of the new switch with the holes on the PCB. Ensure the pins are straight.
2. Gently press the switch down until it clicks into place. Do not force it.
3. Replace the keycap.



Figure 6: Hot-Swappable Switch Mechanism.

5. Battery and Charging

The Redragon K530 Pro Draconic keyboard is equipped with a built-in 1600 mAh lithium polymer battery.

- **Charging:** Connect the keyboard to a USB power source using the provided USB-C cable. The charging indicator light will show charging status.
- **Battery Life:** Approximately 15 hours with RGB backlighting on, and up to 80 hours with RGB backlighting off.



Figure 7: Battery capacity and estimated usage times.

6. Maintenance

6.1 Cleaning the Keyboard

To maintain optimal performance and appearance:

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft, dry cloth to wipe down the keycaps and keyboard surface.
- For deeper cleaning, use compressed air to remove dust and debris from between the keys.
- Keycaps can be removed for thorough cleaning using the provided keycap puller.

6.2 Switch Replacement

Refer to Section 4.4 for detailed instructions on how to remove and install hot-swappable switches.

7. Troubleshooting

If you encounter issues with your Redragon K530 Pro Draconic keyboard, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Keyboard not connecting (wired)	Loose cable connection, faulty USB port.	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable. Note: Use the provided USB-C cable as some third-party cables may not fit due to the keyboard's design.
Keyboard not connecting (wireless 2.4GHz)	Dongle not inserted, incorrect mode, low battery.	Ensure the 2.4GHz dongle is fully inserted into a USB port. Check that the keyboard's side switch is set to 2.4GHz mode. Charge the keyboard if the battery is low.
Keyboard not connecting (Bluetooth)	Incorrect mode, not paired, low battery, device Bluetooth off.	Ensure the keyboard's side switch is set to BT1 or BT2. Re-enter pairing mode (**Fn** + **Q**/**W** for 3s) and re-pair with your device. Check if Bluetooth is enabled on your device. Charge the keyboard.
Certain keys not responding	Loose or faulty switch, software issue.	Carefully remove the keycap and switch for the non-responsive key. Re-insert the switch firmly, ensuring pins are aligned. If the issue persists, try replacing the switch with a known working one. Check keyboard software for any remapping conflicts.
RGB backlighting not working or incorrect	Software settings, mode selection.	Cycle through preset modes on the keyboard. If using software, ensure settings are applied correctly and the software is up-to-date. Restart the keyboard and computer.

If the problem persists after attempting these solutions, please contact Redragon customer support for further assistance.

8. Specifications

Feature	Detail
Model	K530 PRO
Connectivity	USB-C Wired, 2.4GHz Wireless, Bluetooth 3.0/5.0
Number of Keys	61
Switch Type	Hot-Swappable Mechanical (3-pin/5-pin compatible)
Backlighting	RGB
Battery Capacity	1600 mAh Lithium Polymer
Dimensions (L x W x H)	29.21 x 9.91 x 1.78 cm
Weight	610 g

Feature	Detail
Compatible Devices	PC
Power Source	USB power

9. Warranty and Support

Redragon products are designed for durability and performance. For warranty information and customer support, please refer to the official Redragon website or contact your point of purchase.

For software downloads and additional resources, visit the official Redragon support page or the specific product page for the K530 Pro Draconic.

Official Redragon Store: Redragon Store on Amazon.ca

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