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› [Redragon](#) /

› [Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard User Manual](#)

Redragon K530 Pro

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

INTRODUCTION

This manual provides detailed instructions for the Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using the product.



Image: The Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard in white, showcasing its compact layout and RGB backlighting.

PRODUCT OVERVIEW

The Redragon K530 Pro Draconic is a compact 60% mechanical keyboard designed for versatility and performance. It features a 61-key layout, multi-mode connectivity (wired USB-C, 2.4GHz wireless, and Bluetooth 3.0/5.0), hot-swappable switches, and customizable RGB backlighting.

Key Features:

- **3-Mode Connection:** USB-C wired, Bluetooth (BT 3.0/5.0), and 2.4GHz wireless for broad compatibility.
- **Hot-Swappable Switches:** Compatible with most 3-pin and 5-pin mechanical switches, allowing for easy customization and maintenance.
- **Compact 60% Layout:** 61 keys, optimizing desk space while retaining essential functions via

function layers.

- **RGB Backlighting:** Dynamic illumination modes with millions of color options and reactive typing effects.
- **Long Battery Life:** Built-in 1600 mAh battery for extended wireless use.



Image: An overview graphic highlighting the Redragon K530 Pro's main features including 3-mode connection, hot-swappable design, compact 61 keys, 1600 mAh battery, USB-C cable, and software support.

SETUP

1. Unboxing and Initial Charge

Carefully remove the keyboard and included USB-C cable from the packaging. It is recommended to fully charge the keyboard before its first wireless use.

- Connect the USB-C end of the cable to the keyboard and the USB-A end to a powered USB port on your computer or a USB wall adapter.
- The keyboard's indicator light will show charging status.



Image: Close-up of the USB-C and USB-A connectors of the included cable, illustrating the connection types.

2. Connecting the Keyboard

The K530 Pro supports three connection modes: Wired, 2.4GHz Wireless, and Bluetooth. Use the switch on the side of the keyboard to select your desired mode.



Image: The Redragon K530 Pro keyboard shown connected to a tablet, smartphone, and laptop, demonstrating its multi-device connectivity.

Wired Mode:

- Ensure the mode switch on the side of the keyboard is set to 'Wired'.
- Connect the USB-C cable from the keyboard to your computer. The keyboard will be recognized automatically.

2.4GHz Wireless Mode:

- Locate the 2.4GHz USB dongle, usually stored in a compartment on the keyboard.
- Plug the USB dongle into an available USB port on your computer.
- Set the mode switch on the side of the keyboard to '2.4G'. The keyboard should connect automatically.

Bluetooth Mode:

The keyboard supports connecting to up to two Bluetooth devices (BT1 and BT2).

- Set the mode switch on the side of the keyboard to 'BT1' or 'BT2'.
- On your device (computer, tablet, smartphone), enable Bluetooth and search for new devices.
- Select 'Redragon K530 Pro' from the list of available devices to pair.
- To switch between paired Bluetooth devices, simply toggle the side switch to the corresponding BT channel (BT1 or BT2).

3-Mode Genius Connection

Wired, Wireless BT/2.4Ghz 3 in One



Image: A diagram illustrating the three connection modes: 2.4GHz wireless via USB dongle, Bluetooth, and wired USB-C, with the keyboard shown next to the dongle and cable.

OPERATING INSTRUCTIONS

1. Basic Key Functions and FN Combinations

Due to its 60% compact layout, many standard keys are accessed via the Function (Fn) key combinations. The Fn key is located on the bottom row of the keyboard.

Looks Little, Plays Big

Easy-Access FN Combo Function Keys

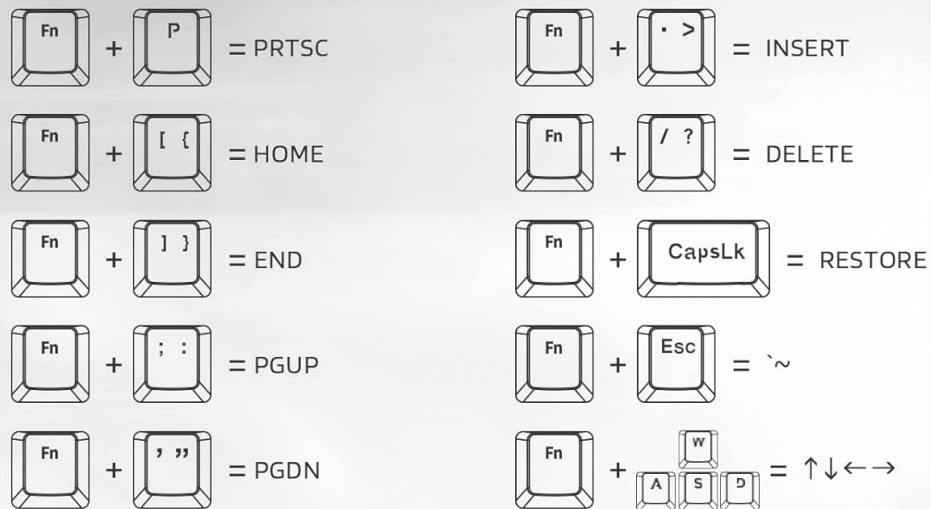


Image: A visual guide to various Fn key combinations for accessing secondary functions like Print Screen, Home, End, Page Up, Page Down, Insert, Delete, and arrow keys.

Common FN Combinations:

- **Fn + P:** Print Screen
- **Fn + [:** Home
- **Fn +]:** End
- **Fn + ;:** Page Up
- **Fn + ':** Page Down
- **Fn + ,:** Insert
- **Fn + /:** Delete
- **Fn + W/A/S/D:** Arrow Keys (Up, Left, Down, Right respectively)
- **Fn + Esc:** Tilde (~)
- **Fn + Caps Lock:** Restore (resets certain settings)

2. RGB Lighting Control

The keyboard features dynamic RGB backlighting with multiple preset modes and customization options.

- **Changing Lighting Modes:** Use specific Fn key combinations (refer to your keyboard's keycaps for

symbols, typically Fn + M or Fn + </> for mode cycling).

- **Adjusting Brightness:** Use Fn + Up/Down arrow keys (or designated keys) to increase or decrease brightness.
- **Adjusting Speed/Direction:** Use Fn + Left/Right arrow keys (or designated keys) to change animation speed or direction.

3. Software Customization

For advanced customization of key assignments, macros, and RGB lighting effects, download the Redragon K530 Pro software from the official Redragon website. The software is compatible with Windows operating systems.



Image: A screenshot of the Redragon K530 Pro software interface, showing options for key remapping, macro creation, and RGB lighting customization.

4. Hot-Swapping Switches

The K530 Pro features hot-swappable sockets, allowing you to change mechanical switches without soldering.



Image: A close-up view of the Redragon K530 Pro's PCB with switches removed, revealing the hot-swappable sockets. An

inset shows a detailed view of a single socket.

- **Removing Switches:** Use the included switch puller tool to gently grip the top and bottom clips of the switch and pull upwards.
- **Installing Switches:** Align the pins of the new switch with the holes in the PCB. Gently press the switch down until it clicks into place. Ensure pins are straight to avoid bending.

MAINTENANCE

Cleaning the Keyboard:

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft, lint-free cloth dampened with a small amount of water or isopropyl alcohol to wipe down keycaps and the keyboard surface.
- For dust and debris between keycaps, use compressed air or a small brush.
- Avoid spraying liquids directly onto the keyboard.

Battery Care:

- Avoid exposing the keyboard to extreme temperatures.
- If storing the keyboard for an extended period, charge it to approximately 50% to prolong battery life.
- The keyboard has a built-in 1600 mAh Lithium Polymer battery.

Silky&Seamless Mode Switching

One 2.4Ghz + Two BT Wireless Devices Memory



Image: An illustration showing the 1600 mAh built-in battery capacity, with estimated usage times of 15 hours with RGB backlight on and 80 hours with RGB backlight off.

TROUBLESHOOTING

Keyboard Not Responding:

- **Wired Mode:** Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **2.4GHz Wireless Mode:** Verify the USB dongle is plugged in and the keyboard switch is set to '2.4G'. Ensure the keyboard battery is charged.
- **Bluetooth Mode:** Check that Bluetooth is enabled on your device and the keyboard is paired. Ensure the keyboard switch is set to the correct 'BT1' or 'BT2' channel. Recharge the keyboard battery.

RGB Lighting Not Working/Incorrect:

- Ensure the keyboard battery is sufficiently charged.
- Cycle through lighting modes using Fn key combinations.
- Check brightness settings (Fn + Up/Down arrow keys).
- If using software, ensure settings are applied correctly and the software is up to date.

Keys Not Registering or Double-Typing:

- This could indicate a faulty switch. Try hot-swapping the problematic switch with a known working one.
- Ensure switches are fully seated in their sockets.
- Clean around the affected key with compressed air to remove any debris.

SPECIFICATIONS

Feature	Detail
Brand	Redragon
Model	K530 Pro Draconic
Connectivity	USB-C Wired, 2.4GHz Wireless, Bluetooth 3.0/5.0
Layout	60% (61 Keys)
Switches	Hot-Swappable (3-pin/5-pin compatible)
Backlighting	RGB
Battery Capacity	1600 mAh Lithium Polymer
Operating System Compatibility	Windows, macOS, Linux, Unix
Item Weight	1.34 pounds (approx. 608 grams)
Product Dimensions (LxWxH)	12.6 x 5.51 x 2.36 inches (approx. 32 x 14 x 6 cm)



Image: Compliance markings including CE, FC, EAC, RoHS, and 'Made in China', indicating product certifications and origin.

WARRANTY AND SUPPORT

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