Redragon K530W-RGB

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

Model: K530W-RGB

Introduction

This manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



Figure 1: Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard (White)

Package Contents

Please verify that all items are present in your package:

- Redragon K530 Pro Draconic 60% Wireless RGB Mechanical Keyboard
- USB-C to USB-A Cable
- User Manual (this document)
- Switch Puller (for hot-swappable switches)

- Extra Switches (typically 4, for replacement)

Key Features

- **Upgraded K530 PRO:** Features new 3-mode connection and a compact 60% layout with 61 keys.
- **True Hot-Swap:** Equipped with a free-mod hot-swappable PCB, compatible with 99.8%+ of 3-pin or 5-pin switches, allowing for easy switch replacement and customization.
- **3-Mode Connection:** Supports USB-C wired, Bluetooth 3.0/5.0, and 2.4Ghz wireless modes for versatile connectivity.
- **Wireless Made Easy:** Built-in upgraded Bluetooth and 2.4Ghz wireless chips provide a real-wireless, low-latency connection. Easily toggle between 3 different wireless devices using the side switch (2.4Ghz/BT1/BT2).
- **Hot-Swappable Brown Switches:** Comes with tactile brown mechanical switches, offering soft feedback and low noise.
- **Dedicated for FPS Gamer:** Compact design saves desk space, preventing mouse interference during intense gaming.
- **RGB Illumination Builder:** Features 13 dynamic preset illumination modes. Millions of color options and reactive typing effects are available via the professional driver software.
- **Ultimate 60% Wireless Keyboard:** Supported by brand new upgraded software/driver for extensive customization.

Setup Guide

1. Connection Modes

The Redragon K530 Pro supports three connection modes: wired (USB-C), Bluetooth, and 2.4Ghz wireless.



Figure 2: Illustration of the 3-mode connection options.

1. **Wired Connection:**

   Connect the provided USB-C cable to the keyboard and the USB-A end to your computer. The keyboard will automatically be detected and ready for use.

Figure 3: USB-C and USB-A cable for wired connection.

2. **2.4Ghz Wireless Connection:**

   Plug the 2.4Ghz USB dongle into an available USB port on your computer. Slide the mode switch on the side of the keyboard to the 2.4Ghz position. The keyboard should connect automatically.

3. **Bluetooth Connection:**

   The keyboard supports up to two Bluetooth devices (BT1 and BT2). Slide the mode switch on the side of the keyboard to either BT1 or BT2. On your device (PC, laptop, tablet), search for Bluetooth devices and select "Redragon K530 Pro" to pair. You can switch between paired Bluetooth devices using the side switch.



Figure 4: Seamless mode switching between 2.4Ghz and two Bluetooth devices.

2. Software Installation

For advanced customization, including macro programming, backlight settings, and key remapping, download and install the official Redragon software. The software is available on the Redragon website. Ensure you download the correct software for the K530-PRO model.



Figure 5: Deeply customizable software for macros, backlight, and keybinds.

Operating Instructions

1. Function Key Combinations

The K530 Pro is a 60% keyboard, meaning some functions are accessed via the **Fn** key in combination with other keys. Refer to the diagram below for common combinations:



Figure 6: Easy-access FN combo function keys.

- **Fn + P:** Print Screen
- **Fn + [:** Home
- **Fn +]:** End
- **Fn + ;:** Page Up
- **Fn + ':** Page Down
- **Fn + >:** Insert
- **Fn + /?:** Delete
- **Fn + CapsLk:** Restore (likely factory reset or profile reset)
- **Fn + Esc:** Tilde (~)
- **Fn + W/A/S/D:** Arrow Keys (for gaming mode)

2. RGB Illumination Control

The keyboard features dynamic RGB backlighting. You can cycle through 13 preset illumination modes directly from the

keyboard. For more advanced customization, use the dedicated software.

3. Battery Management

The keyboard is equipped with a built-in 1600 mAh battery. Battery life can vary based on usage and RGB backlight settings. It provides approximately 15 hours with RGB backlight ON and up to 80 hours with RGB backlight OFF.



Figure 7: Built-in 1600 mAh battery for extended use.

To charge the keyboard, connect it via the USB-C cable to a power source (e.g., computer USB port, USB wall adapter). The charging indicator will show the charging status.

Maintenance

- **Cleaning:**

  Regularly clean your keyboard to prevent dust and debris buildup. Use a soft brush or compressed air to remove particles between keycaps. For surface cleaning, use a slightly damp, lint-free cloth. Avoid harsh chemicals or abrasive materials.

- **Switch Replacement (Hot-Swap):**

  Thanks to the hot-swappable design, individual switches can be replaced without soldering. Use the provided switch puller to carefully remove a switch. Align the pins of the new switch with the holes on the PCB and gently press it into place until it clicks. Ensure the pins are straight before insertion to avoid bending.



Figure 8: Redragon Hot-Swap Series with 3/5-pin compatibility.

Troubleshooting

Problem	Possible Cause	Solution
Keyboard not responding (Wired)	Loose cable connection, faulty USB port, driver issue.	Ensure USB cable is securely connected. Try a different USB port. Reinstall keyboard drivers if necessary.
Keyboard not connecting (Wireless)	Low battery, incorrect mode selected, pairing issue, interference.	Charge the keyboard. Ensure the side switch is in the correct 2.4Ghz or BT position. Re-pair the device. Move closer to the receiver/device.

Problem	Possible Cause	Solution
RGB backlight not working or inconsistent	Software setting, low battery, hardware issue.	Check RGB settings in the software. Ensure keyboard is charged. Try cycling through preset modes.
Certain keys not working	Faulty switch, debris under keycap.	Remove keycap and clean. If issue persists, replace the switch using the hot-swap feature.

Specifications

Attribute	Detail
Brand	Redragon
Model Number	K530W-RGB
Connectivity Technology	USB-C Wired, Bluetooth (BT 3.0/5.0), 2.4Ghz Wireless
Keyboard Layout	60% Compact, 61 Keys
Switch Type	Hot-Swappable Brown Mechanical Switches
Backlight	RGB Illumination
Battery Capacity	1600 mAh Lithium Polymer
Operating System Compatibility	PC, Laptop, Tablet (including Macintosh)
Item Weight	1.34 pounds
Product Dimensions (LxWxH)	12.99 x 5.91 x 1.97 inches

Warranty and Support

Redragon products are designed for reliability and performance. For warranty information and technical support, please refer to the official Redragon website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.
An official user manual in PDF format is also available for download:Download User Manual (PDF)

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question