Redragon K517-PRO

Redragon K517 Pro Wireless Gaming Keyboard User Manual

Model: K517-PRO

1. Introduction

Thank you for choosing the Redragon K517 Pro Wireless Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity. The K517 Pro features versatile tri-mode connectivity, vibrant RGB backlighting, and programmable macro keys, designed for both gaming and productivity across Windows and Mac systems.

1.1 Package Contents

Please verify that all items are present in your package:

- Redragon K517 Pro Wireless Gaming Keyboard
- USB-C Cable
- 2.4GHz Wireless Receiver
- User Manual
- Stickers (may vary)



Image: Contents of the Redragon K517 Pro package, showing the keyboard, USB-C cable, 2.4GHz wireless receiver, user manual, and additional stickers.

2. Setup

The Redragon K517 Pro offers three connection modes: USB-C wired, 2.4GHz wireless, and Bluetooth (BT1/BT2/BT3). Choose the mode that best suits your needs.

2.1 Connection Modes

2.1.1 USB-C Wired Connection

Connect the provided USB-C cable to the keyboard's USB-C port and the other end to an available USB port on your computer. The keyboard will be automatically recognized and ready for use. This mode also charges the keyboard's internal battery.

2.1.2 2.4GHz Wireless Connection

Insert the 2.4GHz wireless receiver into an available USB port on your computer. Turn on the keyboard. The keyboard should automatically connect to the receiver. If not, press **FN + 4** to activate 2.4GHz mode. The indicator light will confirm connection.

2.1.3 Bluetooth Connection (BT1/BT2/BT3)

The keyboard supports up to three Bluetooth devices. To pair:

1. Turn on the keyboard.
2. Press and hold **FN + 1** (for BT1), **FN + 2** (for BT2), or **FN + 3** (for BT3) for 3-5 seconds until the corresponding indicator light flashes rapidly, indicating pairing mode.
3. On your device (computer, tablet, phone), open Bluetooth settings and search for "Redragon K517 Pro" or similar.
4. Select the keyboard to complete the pairing process. The indicator light will become solid when connected.

To switch between paired Bluetooth devices, simply press **FN + 1**, **FN + 2**, or **FN + 3** briefly.



Image: The Redragon K517 Pro keyboard demonstrating its tri-mode connectivity, showing connections to a desktop PC via USB-C, a laptop via Bluetooth, and a mobile phone via 2.4GHz wireless.



Image: Visual representation of the three connection modes: 2.4GHz Wireless, Bluetooth (BT1/BT2/BT3), and Type-C Wired, highlighting the keyboard's versatility.

2.2 Initial Charging

Before first use, it is recommended to fully charge the keyboard. Connect the USB-C cable to the keyboard and a power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show charging status and turn off when fully charged. The keyboard features a 4000mAh battery.

3. Operating Instructions

3.1 Key Layout and Functions

The K517 Pro features a 94-key layout, including a number pad and four dedicated macro keys (G1-G4). The keyboard provides a mechanical-like feel with quieter operation due to its high-elasticity rubber domes.



Image: A full view of the Redragon K517 Pro keyboard, highlighting its compact 94-key layout, integrated number pad, and vibrant RGB lighting.



Image: A detailed diagram of the keyboard layout, pointing out the location of macro keys (G1-G4), illumination control keys, and the numeric keypad.



Image: A close-up view of the keyboard keys, illustrating the "Mechanical Feeling Membrane Keyboard" design for better feedback and quieter operation compared to traditional mechanical keyboards.



Image: An exploded view diagram of a single key, detailing its components: ABS keycap, crater upper case, and resilient rubber dome, which contribute to the mechanical-like feel and quiet typing experience.

3.2 RGB Illumination

The K517 Pro features dynamic RGB backlighting with multiple modes and customization options.

- **FN + Scroll Lock:** Cycle through 8 preset RGB modes.
- **FN + Home:** Cycle through 7 solid colors.
- **FN + Page Up/Page Down:** Adjust brightness levels (5 levels).
- **FN + Insert:** Adjust breathing effects speed.
- **FN + Delete:** Turn backlight On/Off.

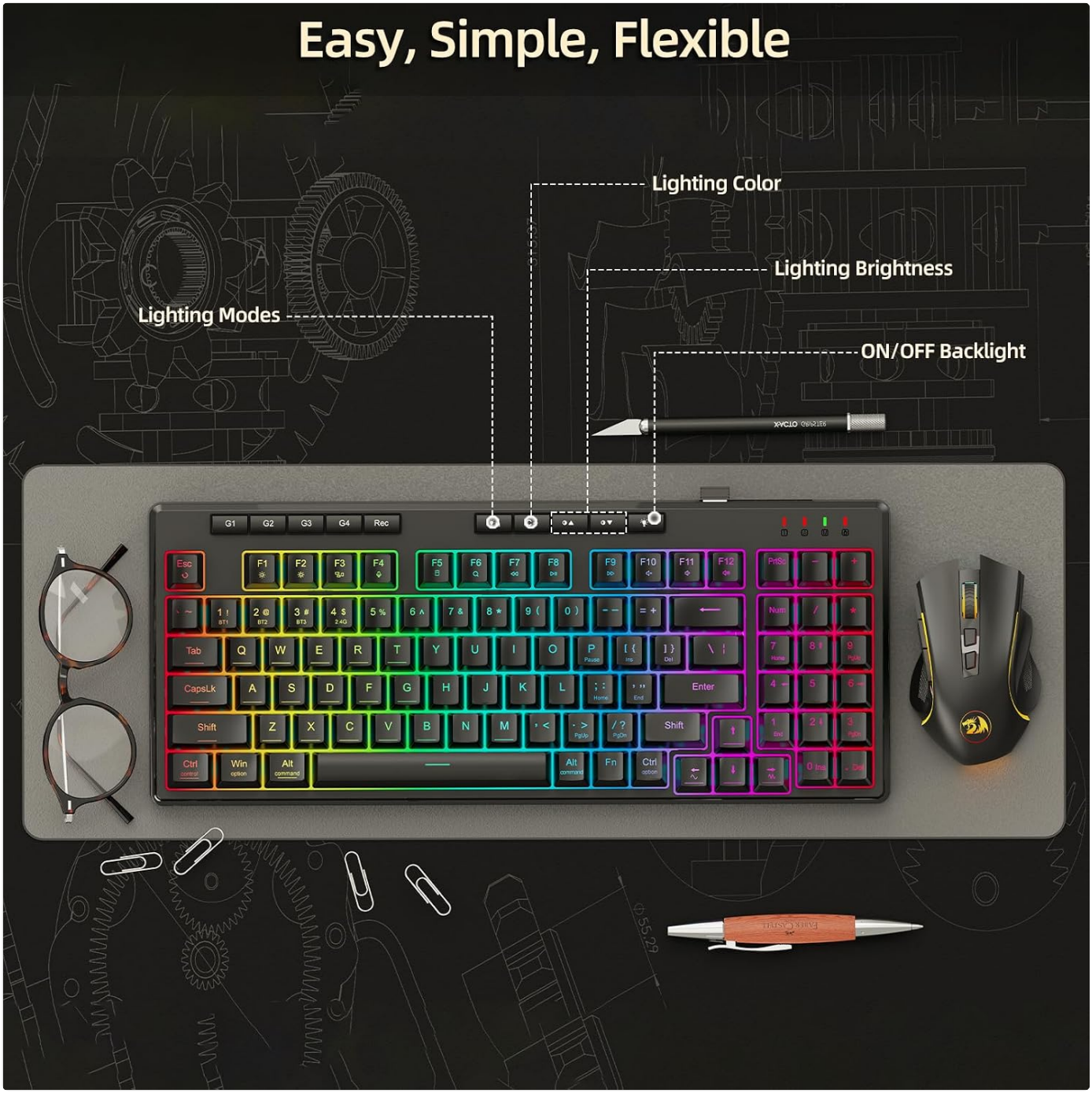


Image: The keyboard displaying its RGB illumination, with annotations indicating controls for lighting color, brightness, and various lighting modes.



Image: The Redragon K517 Pro keyboard showcasing its vibrant RGB lighting, illustrating how light breathes with every interaction.

3.3 Macro Key Programming

The K517 Pro features four dedicated macro keys (G1-G4) that can be programmed on-the-fly without additional software.

1. Press the **Rec** button (located above G4) to start macro recording. The indicator light will flash.
2. Press one of the macro keys (**G1-G4**) to select a profile for recording.
3. Type the sequence of keys you wish to record.
4. Press the **Rec** button again to save the macro. The indicator light will stop flashing.

To execute a macro, simply press the assigned macro key (G1-G4).



Image: A visual guide to programming the independent macro keys (G1-G4) on the Redragon K517 Pro, detailing the steps for recording and saving macros.



Image: A promotional image emphasizing the "On the Fly Macro Keys" feature, indicating that macro programming can be done easily for work or gaming without requiring additional software.

3.4 Dual-System Switch (Windows/Mac)

The K517 Pro supports seamless switching between Windows and Mac operating systems, optimizing key functions for each environment.

- **FN + Win:** Toggle between Windows and Mac key layouts.

When in Mac mode, the **Win** key functions as **Command** and the **Alt** key functions as **Option**.



Image: The Redragon K517 Pro keyboard positioned between a Windows desktop setup and a Mac laptop, illustrating its compatibility with both operating systems.

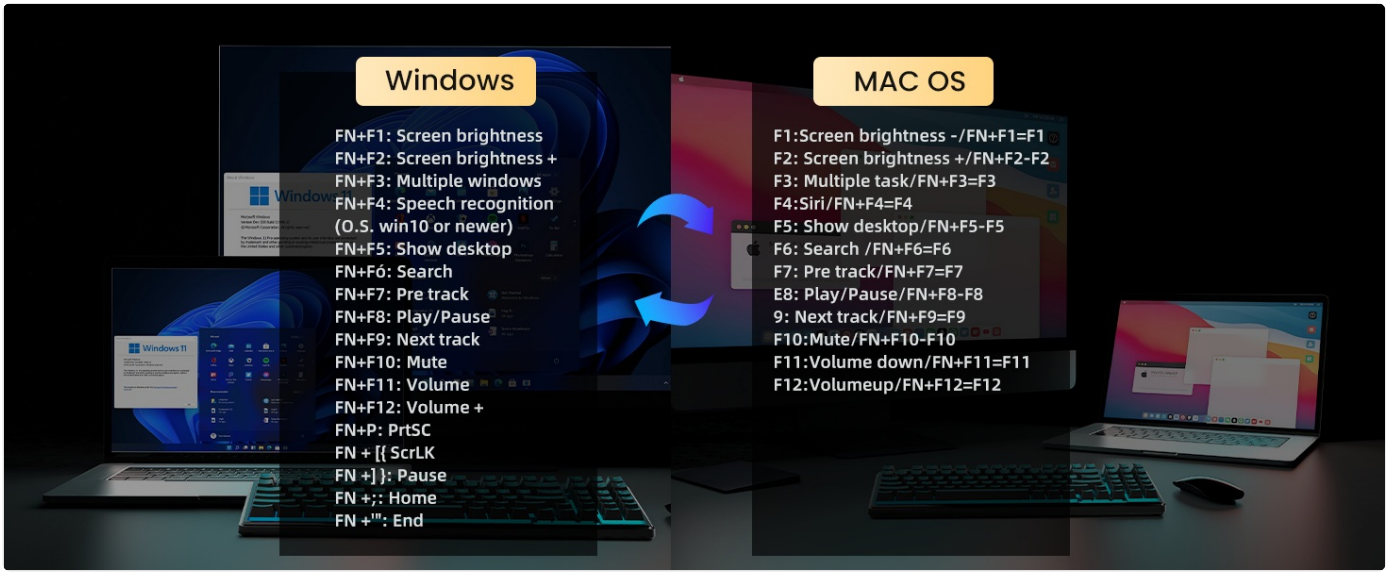


Image: A detailed comparison table showing the different functions of FN key combinations when the keyboard is set to Windows mode versus Mac OS mode, enhancing efficiency for diverse work needs.



Image: A close-up of the 'Alt' key, which also features the 'command' label, indicating its dual functionality when switching between Windows and Mac operating systems.

4. Maintenance

4.1 Cleaning the Keyboard

To maintain the keyboard's appearance and functionality, regular cleaning is recommended:

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

4.2 Battery Care

The keyboard is equipped with a built-in rechargeable battery. Follow these guidelines for optimal battery life:

- Avoid fully discharging the battery frequently.
- Store the keyboard in a cool, dry place when not in use for extended periods.
- If storing for a long time, charge the battery to about 50% before storage.
- Use only the provided USB-C cable for charging.

5. Troubleshooting

If you encounter issues with your Redragon K517 Pro keyboard, please refer to the following common solutions:

Problem	Solution
Keyboard not responding (wired)	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
Keyboard not responding (wireless 2.4GHz)	Ensure the 2.4GHz receiver is properly inserted. Press **FN + 4** to ensure 2.4GHz mode is active. Check battery level. Try re-pairing by unplugging and re-plugging the receiver.
Keyboard not responding (Bluetooth)	Ensure Bluetooth is enabled on your device. Press **FN + 1/2/3** to select the correct paired channel. Re-enter pairing mode (**FN + 1/2/3** hold) and re-pair with your device. Check battery level.

Problem	Solution
Backlight not working or dim	Press **FN + Page Up** to increase brightness. Press **FN + Delete** to toggle backlight on/off. Ensure battery is charged.
Macro keys not working	Ensure the macro was recorded correctly. Repeat the macro recording process.
Keys are sticking or unresponsive	Clean around the affected keys with compressed air. If the issue persists, contact customer support.

6. Specifications

Feature	Detail
Model Number	K517-PRO
Connectivity	USB-C Wired, 2.4GHz Wireless, Bluetooth (BT 3.0/5.0)
Key Layout	94 Keys (96% layout) with Number Pad and 4 Macro Keys
Key Type	Membrane (Mechanical Feel)
Backlighting	RGB (8 preset modes, 7 solid colors, 5 brightness levels)
Battery Capacity	4000mAh
Compatible Devices	PC (Windows), Mac
Item Weight	2.03 pounds (approx. 0.92 kg)
Dimensions	15.79 x 7.56 x 2.4 inches (approx. 40.1 x 19.2 x 6.1 cm)
Manufacturer	Redragon
Country of Origin	China

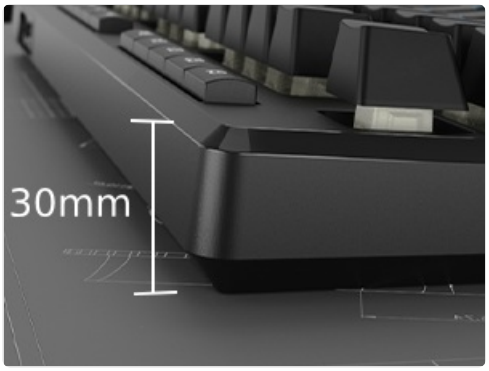


Image: A side view of the keyboard indicating its height of 30mm, contributing to its ergonomic design.

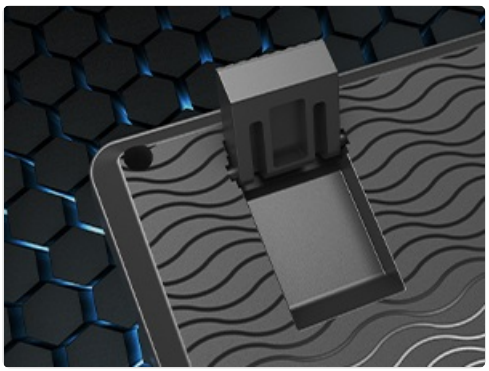


Image: A close-up of the keyboard's adjustable kickstand, allowing users to modify the typing angle for comfort.

7. Warranty and Support

Redragon products are built with quality and reliability in mind. For warranty information and technical support, please refer to the official Redragon website or contact their customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, visit the Redragon Store on Amazon.

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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