

Redragon K681CGC

Redragon K681 Pro Wireless Mechanical Keyboard User Manual

Model: K681CGC | Brand: Redragon

PRODUCT OVERVIEW

The Redragon K681 Pro is a high-performance 75% mechanical keyboard designed for gaming and productivity. It features a gasket-mounted structure for enhanced typing feel and sound, pre-lubed linear switches for smooth operation, and vibrant RGB backlighting. With its tri-mode connectivity, multi-function knob, and hot-swappable design, the K681 Pro offers versatility and customization.

- **Gasket Structure & PCBA Single Key Slotting:** Combines flexibility and stability, optimizing rebound and stability. Includes Poron and silicone padding for noise reduction and pure sound.
- **Hot Swappable & Customization Leopard L Switch:** Equipped with pre-lubricated Leopard L switches, offering a delicate creamy sound and smooth feel. Compatible with most 3-pin/5-pin switches for high customization.
- **16.8 Million RGB Backlit & Multi-Function Knob:** Features customizable RGB backlighting with 15 modes, 7 solid colors, 5 brightness levels, and adjustable breathing speed. The multi-function knob controls volume, backlighting modes, and brightness.
- **Tri-mode Connection & 4000 mAh Battery:** Supports BT (3.0+5.0), 2.4GHz wireless, and USB wired connectivity. Seamlessly switch between devices up to 10 meters away. High-capacity 4,000 mAh battery for extended wireless use.
- **MDA Profile & Widely Compatible:** MDA-Profile keycaps provide a comfortable tactile experience. Compatible with PC, Tablet, Xbox, PS4, PS5, and systems like Windows, Android, and Mac.
- **Fully Programmable:** Software allows editing RGB light, key functions, and system switches for personalized customization.

SETUP GUIDE

Follow these steps to set up your Redragon K681 Pro keyboard.

1. Unboxing and Initial Inspection

Carefully remove all components from the packaging. Ensure the keyboard, USB cable, and any included accessories (like the keycap puller and extra switches) are present.



Image: Redragon K681 Pro keyboard, USB cable, and switch/keycap puller.

2. Connecting Your Keyboard

The K681 Pro offers three connection modes: Bluetooth, 2.4GHz wireless, and USB-C wired.

- **2.4GHz Wireless:**

Locate the 2.4GHz USB dongle, usually stored in a compartment on the keyboard. Plug the dongle into an available USB port on your PC/device. On the left side of the keyboard, slide the switch to the "2.4G" position. The keyboard should automatically connect.

Hot-Swappable Switch

3pins/5pins Switches Available



Image: The keyboard highlighting the 2.4GHz dongle and the tri-mode connection switch.

- **Bluetooth (BT 3.0+5.0):**

Slide the switch on the left side of the keyboard to the "BT" position. On your device, search for Bluetooth devices and select "Redragon K681 Pro" to pair. The keyboard supports up to 3 Bluetooth devices. Press FN+1/2/3 to switch between paired Bluetooth modes.

- **USB-C Wired:**

Connect the provided USB-C cable to the port on the left side of the keyboard and the other end to a USB port on your device. Slide the switch to the "OFF" position for wired mode. The keyboard will function as a wired device and charge simultaneously.



Image: Detailed view of the USB-C port and the 2.4G/OFF/BT switch on the keyboard's side.

3. Battery Information

The keyboard is equipped with a 4000 mAh rechargeable battery. To check the battery level, press **FN+ALT**. The numeric keys (1-0) will light up, with each key representing 10% power. Red indicates below 30% power, and green indicates above 30% power. Release the buttons to restore the light effect.



Image: Visual representation of checking the battery level using FN+ALT keys.

OPERATING INSTRUCTIONS

1. Key Functions and Layout

The K681 Pro features an 81-key 75% layout with MDA-Profile keycaps for a comfortable typing experience. It includes dedicated function keys (F1-F12) and navigation keys.



Image: Overview of the 81-key layout and the functions of the rotary knob.

- **Rotary Knob:**

- Rotate: Volume + / -
- Press: Sound On / Off
- Long Press: Switching Mode (for backlight or other functions)

- **System Switching:**

- Long press **FN+A** to switch to MAC system.
- Long press **FN+W** to switch to WIN system.

2. RGB Backlighting

The keyboard offers 16.8 million customizable RGB colors and various lighting effects.

- **Change Backlight Effects:** Press **FN+INS** to cycle through 15 different RGB lighting modes.
- **Change Backlight Colors:** Press **FN+Enter** to adjust the color in certain modes (7 solid colors available).

- **Adjust Brightness:** Press **FN+Arrow Up/Down** to adjust the brightness (5 levels).
- **Adjust Speed:** Press **FN+Arrow Left/Right** to adjust the breathing/effect speed.
- **Turn On/Off Backlight:** Press **FN+Space**.



Image: The keyboard displaying its vibrant RGB backlighting.



Image: Shortcuts for controlling RGB backlighting effects, colors, speed, and brightness.

3. Hot-Swappable Switches

The K681 Pro supports 3-pin/5-pin hot-swappable switches, allowing you to easily change switches without soldering.

75 Mechanical Keyboard

Portability & Space saving

81 Keys



Rotary Knob :
Volume + -

Press :
Sound On/Off

Long Press:
Switching Mode

Image: The keyboard with a keycap and switch removed, demonstrating the hot-swappable feature.

To remove a switch, use the included switch puller. Align the prongs with the clips on the switch and gently pull upwards. To install a new switch, align the pins with the holes on the PCB and press down firmly until it clicks into place.



Image: A close-up of a switch being removed from the keyboard.

4. Programmable Software

Download the programmable software from redragon.com. The software allows you to customize RGB lighting, key functions, and system switches. This feature is supported in wired and 2.4GHz modes.

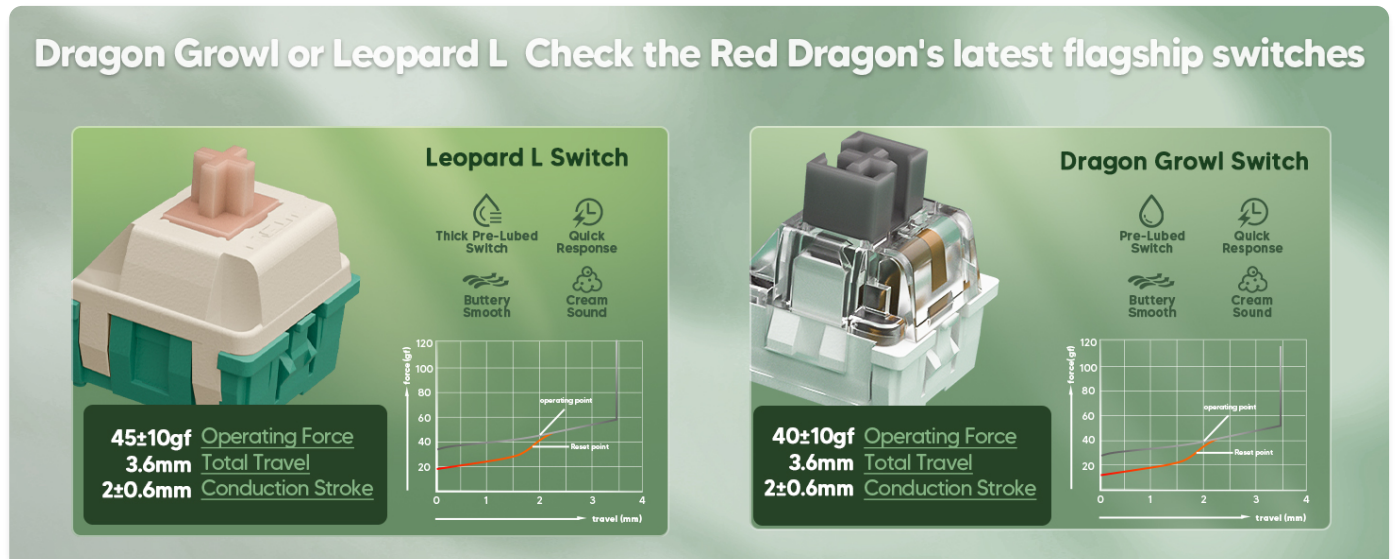


Image: Screenshot of the Redragon software interface for customizing keyboard settings.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe down the keycaps and chassis. For deeper cleaning, you can remove keycaps and use compressed air to clear debris from underneath.
- **Switch and Keycap Replacement:** As the keyboard is hot-swappable, you can easily replace individual switches or keycaps if they become damaged or if you wish to customize your typing experience. Refer to the "Hot-Swappable Switches" section for instructions.
- **Storage:** When not in use, store the keyboard in a clean, dry environment away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter any issues with your Redragon K681 Pro, refer to the following common solutions.

- **Keyboard Not Connecting (Wireless):**
 - Ensure the keyboard switch is in the correct "2.4G" or "BT" position.
 - For 2.4GHz, ensure the USB dongle is securely plugged in and try a different USB port.
 - For Bluetooth, ensure Bluetooth is enabled on your device and try re-pairing the keyboard.
 - Ensure the keyboard battery is charged.
- **Keyboard Not Connecting (Wired):**
 - Ensure the USB-C cable is securely connected to both the keyboard and your device.
 - Try a different USB port or cable.
 - Ensure the keyboard switch is in the "OFF" position.
- **Backlighting Issues:**
 - Check the brightness level using **FN+Arrow Up**.
 - Cycle through different lighting modes using **FN+INS**.
 - Ensure the backlight is not turned off (**FN+Space**).

- **Keys Not Responding:**
 - Check if the specific key switch is properly seated or damaged. Try hot-swapping it with a spare switch.
 - Ensure the keyboard is properly connected and powered on.

SPECIFICATIONS

Feature	Detail
Brand	Redragon
Model Number	K681CGC
Connectivity Technology	Bluetooth, 2.4GHz Wireless, USB-C Wired
Keyboard Description	Mechanical
Number of Keys	81
Special Feature	Backlit, Programmable Keys, Hot-Swappable
Keyboard Backlighting	RGB (16.8 Million Colors)
Battery Capacity	4000 mAh
Compatible Devices	Laptop, PC, Tablet, Xbox, PS4, PS5
Item Weight	2.55 pounds
Package Dimensions	14.68 x 7.52 x 2.72 inches

OFFICIAL PRODUCT VIDEOS

Below are official product videos from the manufacturer, providing additional insights into the Redragon K681 Pro keyboard.

Redragon K681 Cream Wireless Mechanical Keyboard

Your browser does not support the video tag.

Description: A short video showcasing the Redragon K681 Cream Wireless Mechanical Keyboard's features and design. This video is provided by the seller.

WARRANTY AND SUPPORT

Information regarding specific warranty terms and direct customer support contacts for the Redragon K681 Pro Wireless Mechanical Keyboard was not available in the provided product data. For warranty details and support inquiries, please refer to the official Redragon website or contact their customer service directly.
Manufacturer: Redragon

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