Redragon K689 PRO

Redragon K689 PRO Wireless Gasket RGB Gaming Keyboard User Manual

Model: K689 PRO | Brand: Redragon

Introduction

This manual provides comprehensive instructions for the Redragon K689 PRO Wireless Gasket RGB Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The K689 PRO features a 108-key layout, gasket design, 3-mode connectivity, hot-swappable switches, and customizable RGB lighting.



Image: The Redragon K689 PRO Wireless Gasket RGB Gaming Keyboard, showcasing its full 108-key layout with mixed black, white, and orange keycaps and vibrant RGB backlighting.

Setup

3-Mode Connection

The Redragon K689 PRO supports three connection modes: USB-C wired, Bluetooth (BT 3.0/5.0), and 2.4GHz wireless.

This versatility allows for seamless integration with various devices and usage scenarios.

- **Wired Connection:** Connect the keyboard to your device using the provided USB-C cable. This mode offers the most stable connection and charges the keyboard.
- **2.4GHz Wireless Connection:** Insert the 2.4GHz USB receiver into an available USB port on your device. Ensure the keyboard's mode switch is set to 2.4G. The keyboard should automatically connect.
- **Bluetooth Connection:** Switch the keyboard to BT mode. On your device, search for Bluetooth devices and select "Redragon K689 PRO" to pair. The keyboard supports BT 3.0 and 5.0 for broad compatibility.



Image: A close-up of the Redragon K689 PRO keyboard's side, illustrating the USB-C port and the 3-mode connection switch (Wired, BT, 2.4G) with corresponding indicator lights.

Battery Information

The keyboard is equipped with a 4000mAh battery. Battery life varies depending on usage, especially RGB lighting. To check the battery level, press the Fn key along with the battery check key (usually indicated by a battery icon). Indicator lights will show the approximate charge level.



Image: An illustration showing the 4000mAh battery capacity and estimated battery life with RGB lighting on (7 days) and off (45 days), along with a visual guide for checking battery status using Fn + battery key combinations.

Operating Instructions

Gasket Design and Noise Dampening

The K689 PRO features a gasket-mounted design, which provides a softer, more flexible typing experience and reduces harsh bottom-out sounds. It incorporates three layers of noise dampening: 3.5mm PO foam, IXPE switch foam, and bottom socket foam, contributing to a quiet and satisfying acoustic profile.

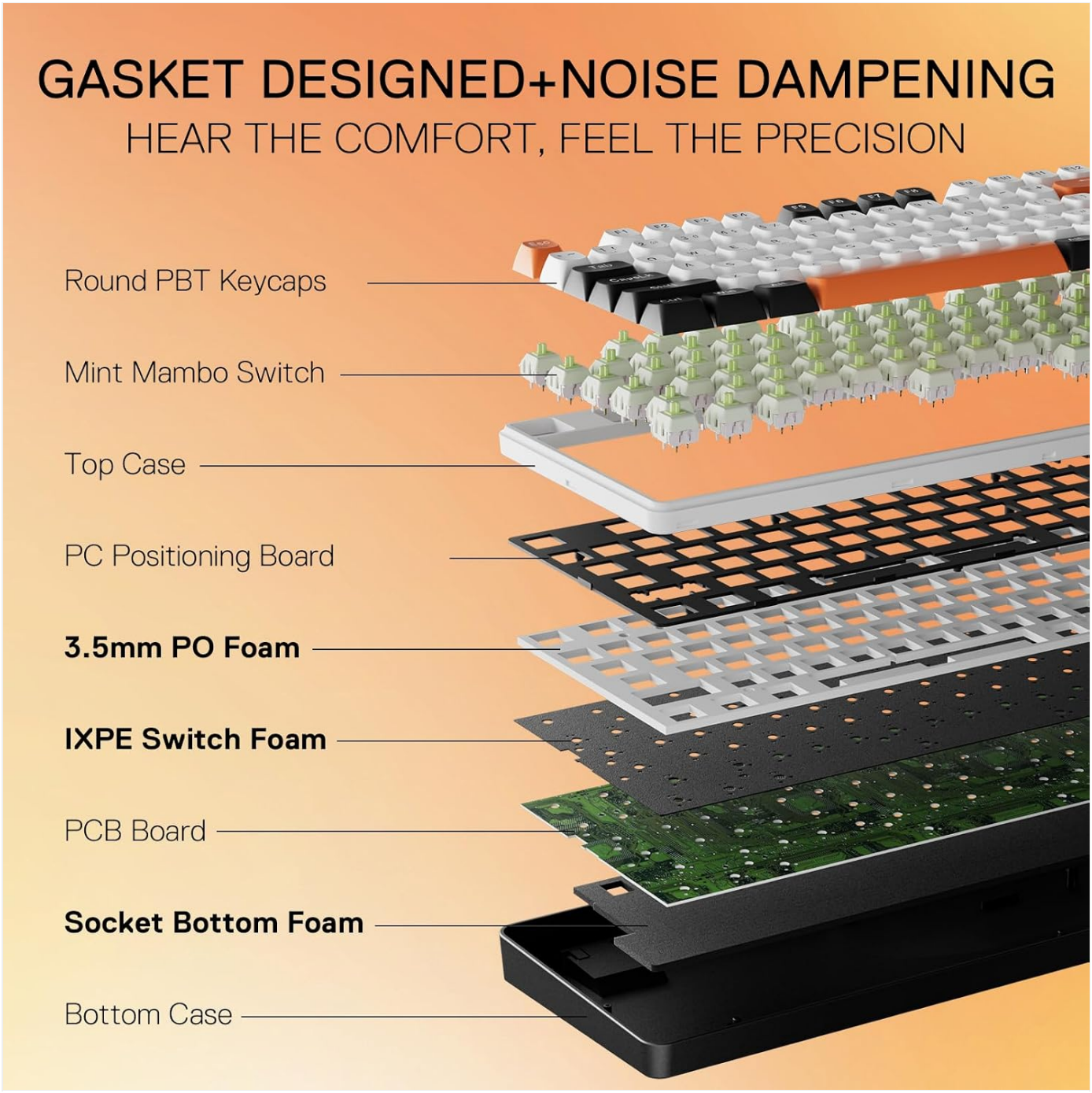


Image: An exploded diagram illustrating the internal layers of the Redragon K689 PRO keyboard, highlighting the gasket design, 3.5mm PO foam, IXPE switch foam, and PCB board for noise dampening.

Hot-Swappable Switches

The keyboard is equipped with advanced hot-swappable sockets, allowing users to easily change switches without soldering. This feature enables customization of typing feel and sound. The keyboard comes with custom Mint Mambo linear switches, known for their smooth feedback.



Image: A close-up view of the Redragon K689 PRO keyboard with several keycaps removed, showing the hot-swappable sockets and various types of mechanical switches that can be installed.

PBT Round Keycaps and RGB Lighting

The K689 PRO features durable PBT round keycaps, providing a comfortable and long-lasting typing surface. The keyboard includes immersive RGB backlighting with 18 preset modes, offering vibrant color customization. Users can also mix and match keycap colors for a personalized aesthetic.



Image: The Redragon K689 PRO keyboard with its round PBT keycaps and vibrant RGB lighting, demonstrating the aesthetic appeal and customization options.

Programmable Shortcuts and Software Support

The keyboard includes four extra hotkeys for quick access to functions like Mute, Calculator, Screen Lock, and Desktop. For advanced customization, the K689 PRO is supported by professional software, allowing users to design custom RGB modes, effects, macros, and key redefinitions for enhanced productivity and gaming.



Image: A visual representation of the Redragon K689 PRO's software interface, showing options for macro editing, 18 RGB backlight modes, and key redefinition.

Dual System Compatibility

The K689 PRO is designed for dual system compatibility, supporting both Windows and macOS operating systems. A dedicated switch allows for easy toggling between modes, ensuring full functionality on either platform.

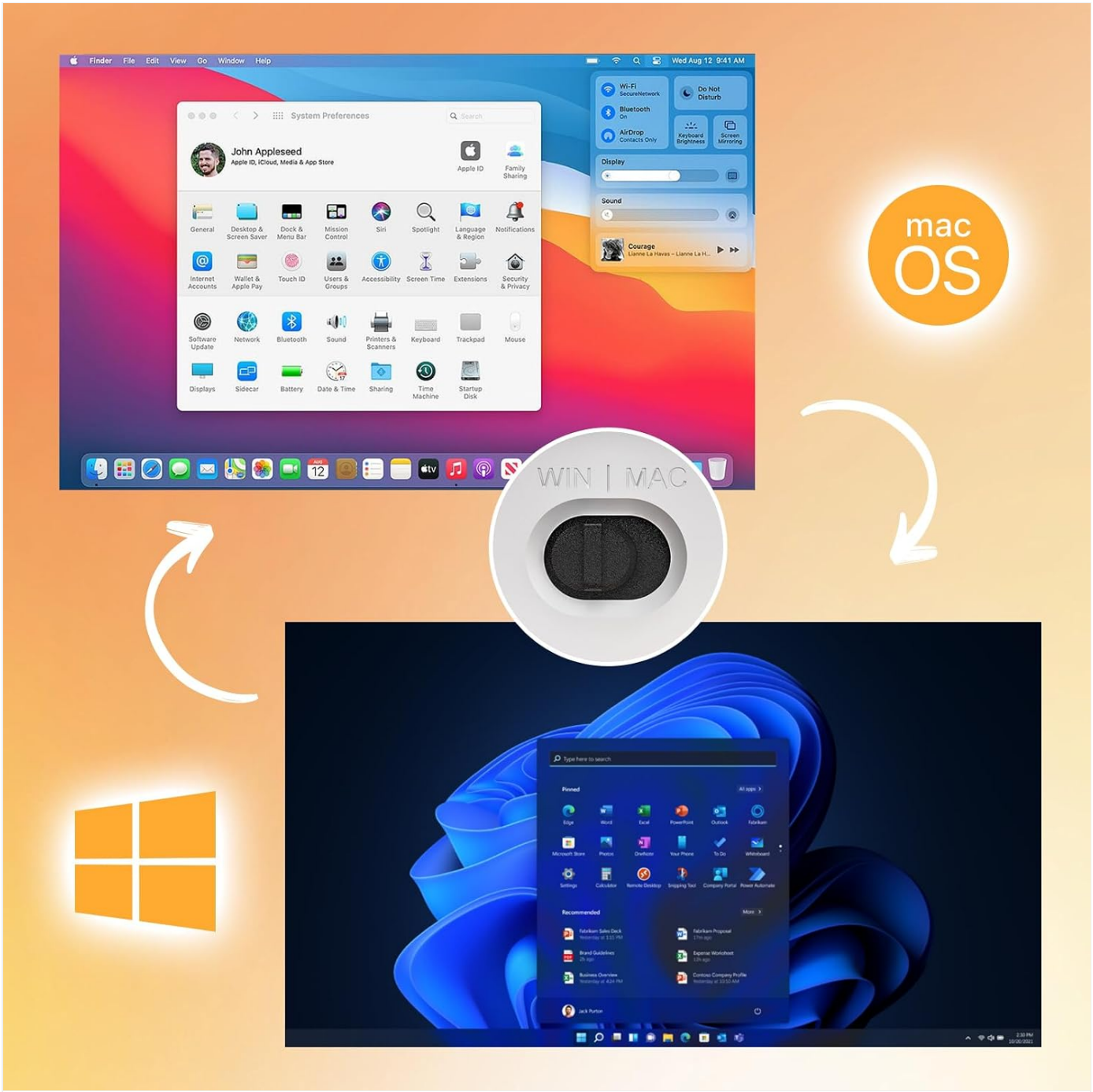


Image: An illustration demonstrating the Redragon K689 PRO's compatibility with both Windows and macOS, showing the switch to toggle between the two operating systems.

Ergonomic Design

The keyboard features 2-stage adjustable feet, allowing users to set the typing angle for improved comfort and reduced wrist strain during extended use.

Maintenance

- **Cleaning:** Regularly clean the keycaps and the keyboard surface with a soft, dry cloth. For deeper cleaning, remove keycaps using the provided keycap puller and use compressed air to clear debris from between switches.
- **Switch Replacement:** Utilize the included switch puller to carefully remove and replace switches as needed. Ensure proper alignment when inserting new switches to avoid bending pins.
- **Storage:** When not in use for extended periods, store the keyboard in a dry, dust-free environment.

Troubleshooting

Issue	Possible 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 connecting (Wireless/Bluetooth)	Check if the keyboard's mode switch is set correctly (2.4G or BT). For 2.4G, ensure the USB receiver is plugged in. For Bluetooth, ensure the keyboard is in pairing mode and visible to your device. Recharge the keyboard if the battery is low.
RGB lighting not working	Check keyboard settings using the software or onboard controls (Fn + specific keys) to ensure RGB is enabled and brightness is adjusted. Ensure the keyboard has sufficient battery charge.
Keys not registering or double-typing	This might indicate a faulty switch. Use the switch puller to replace the affected switch with a spare one. Clean any debris under the keycap.
Software not detecting keyboard	Ensure the keyboard is connected via wired mode when using the software. Restart the software and/or your computer. Download the latest software version from the official Redragon website.

Specifications

Feature	Detail
Model Number	K689 PRO
Connectivity Technology	Bluetooth, USB-C, 2.4GHz Wireless
Keyboard Description	108 Keys Wireless Gasket Gaming Keyboard
Number of Keys	108
Keycap Type	Round PBT Keycaps
Switch Type	Custom Mint Mambo Linear Switch (Hot-swappable)
Noise Dampening	3-Layer (3.5mm PO foam, IXPE switch foam, bottom socket foam)
Backlighting	RGB (18 preset modes)
Battery	1 Lithium Polymer battery (4000mAh)
Compatible Devices	PC, Laptop, Tablet (Windows, macOS)
Item Weight	1.94 pounds
Package Dimensions	17.72 x 6.93 x 1.93 inches

Official Product Video

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Video: An official product video showcasing the features and design of the Redragon K689 PRO Wireless Gasket RGB Gaming Keyboard, including its 3-mode connection, gasket design, hot-swappable switches, and customizable RGB lighting.

Warranty and Support

For detailed warranty information, please refer to the documentation included with your product or visit the official Redragon website. For further assistance, technical support, or to download the latest software and drivers, please visit the Redragon support page.
An electronic version of the user manual is available for download:
Download User Manual (PDF)

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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.

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