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Redragon K701

Redragon K701 Rapid Trigger Gaming Keyboard User Manual

1. Introduction and Overview

The Redragon K701 is a 60% tenkeyless gaming keyboard featuring advanced magnetic switches for unparalleled speed and customization. Designed for competitive gaming, it offers adjustable actuation points, dual-point actuation, and an ultra-fast 8000Hz polling rate for minimal input latency. This manual provides detailed instructions for setup, operation, customization, maintenance, and troubleshooting to ensure optimal performance of your keyboard.



Image: The Redragon K701 60% layout gaming keyboard, showcasing its compact design and RGB lighting.

2. Setup Instructions

Follow these steps to set up your Redragon K701 keyboard:

1. **Connect the Keyboard:** Connect the provided USB-C cable to the USB-C port on the keyboard and then to an available USB port on your computer. The keyboard is plug-and-play and should be recognized automatically by your operating system.
2. **Software Installation (Optional but Recommended):** For advanced customization options, including actuation point adjustment, macro programming, and RGB lighting control, download the dedicated Redragon software. You can find the latest version at: bit.ly/K701Driver. Follow the on-screen instructions to install the software.



Image: The detachable USB-C cable connected to the keyboard, highlighting its convenience for portability and replacement.

3. Operating Instructions

Rapid Trigger Technology

The Redragon K701 utilizes magnetic switches with Rapid Trigger technology. This feature allows keys to actuate and reset based on movement rather than a fixed point, enabling faster key resets and re-inputs compared to traditional mechanical switches. This provides a significant advantage in fast-paced gaming scenarios where quick, repeated key presses are crucial.



Image: A diagram comparing the actuation and reset points of a traditional mechanical switch versus a rapid trigger magnetic switch, showing the faster response of the latter.

Dual-Point Actuation (1-Stroke 2-Actions)

The keyboard supports dual-point actuation, allowing you to assign two different actions to a single key press based on the depth of the press. For example, a light press could trigger one action, while a deeper press triggers a second action. This feature is configurable via the dedicated software and is ideal for executing complex combos with a single key operation.



Image: Two magnetic switches demonstrating the concept of dual-point actuation, where different press depths trigger distinct actions.

8000Hz Polling Rate

The Redragon K701 features an 8000Hz polling rate, providing up to 8 times faster response times than standard keyboards. This ultra-low latency ensures that your inputs are registered almost instantaneously, translating your reflexes directly into in-game actions. *Note: Optimal performance may vary depending on your computer's CPU environment.*

RGB Backlight Control

The keyboard features customizable RGB backlighting. Use the following key combinations to control the lighting:

- Press **FN + Right Shift** to cycle through 14 different RGB backlight modes.
- Press **FN + Enter** to change the color within the current RGB mode.



Image: The Redragon K701 keyboard illuminated with vibrant RGB backlighting, demonstrating different lighting patterns.

4. Customization

The Redragon K701 offers extensive customization options through its dedicated software:

- **Adjustable Actuation Points:** Fine-tune the actuation point for each individual key from 0.1mm to 4.0mm in 0.1mm increments. This allows you to personalize the keyboard's responsiveness to match your playstyle or specific application requirements.
- **Key Remapping and Macros:** Remap any key to a different function or assign complex macro sequences to streamline your workflow or gaming actions.
- **Profile Management:** Save up to 10 different customization profiles, allowing you to quickly switch between settings optimized for various games or tasks.
- **RGB Lighting Effects:** Beyond the onboard controls, the software provides deeper control over RGB lighting, including per-key lighting, custom effects, and synchronization.

Download the customization software from: bit.ly/K701Driver.



Image: A detailed view of the magnetic switch mechanism, illustrating the technology behind adjustable actuation.



Image: A screenshot of the dedicated software interface, showing options for key remapping, macro creation, and profile management.

5. Maintenance

Proper maintenance ensures the longevity and performance of your Redragon K701 keyboard:

- **Cleaning the Keyboard:** Regularly clean your keyboard to prevent dust and debris buildup. Use a soft, dry cloth to wipe the surface. For deeper cleaning, you can use a can of compressed air to clear debris from between the keycaps.
- **Keycap Removal and Care:** The keyboard features durable PBT two-color molded keycaps with an XDA profile. These keycaps are designed to resist fading and shine over time. Use the included keycap puller to safely remove keycaps for thorough cleaning or replacement. Gently pull the keycap straight up to remove it and push straight down to reattach.



Image: A close-up view of the double-shot molded PBT keycaps, highlighting their texture and durability.

6. Troubleshooting

If you encounter issues with your Redragon K701 keyboard, refer to the following common troubleshooting steps:

- **Keyboard Not Responding:**
  - Ensure the USB-C cable is securely connected to both the keyboard and your computer.
  - Try connecting the keyboard to a different USB port on your computer.
  - Test the keyboard on another computer to determine if the issue is with the keyboard or the computer's setup.
  - If using custom settings, try resetting the keyboard to its default settings via the dedicated software.
- **Backlight Not Working or Incorrect:**
  - Verify that the backlight is enabled and adjusted using the **FN + Right Shift** and **FN + Enter** key combinations.
  - Check the RGB lighting settings within the dedicated software to ensure no conflicting profiles or settings are active.
- **Software Not Detecting Keyboard:**
  - Ensure you have downloaded and installed the correct and latest version of the Redragon K701 software from bit.ly/K701Driver.
  - Restart your computer after installing the software.
  - Temporarily disable any antivirus or firewall software that might be blocking the keyboard's communication with

the software.

7. Specifications

Brand	Redragon
Model	K701
Connectivity	USB-C (Wired)
Keyboard Description	Mechanical
Recommended Use	Gaming
Special Features	Backlit, Programmable Keys, Portable, Adjustable Actuation
Color	White & Black
Backlight Color Support	RGB
Style	Modern
Included Components	USB Cable, Keycap Puller
Compatible Devices	PC
Operating System Family	Windows
Number of Keys	68
Keyboard Layout	QWERTY (US English)
Switch Type	Magnetic Mechanical
Plate Material	Metal
Polling Rate	8000Hz
Actuation Point Adjustment	0.1mm to 4.0mm
Durability	100 million keystrokes (magnetic switches)

8. Warranty Information

The Redragon K701 Rapid Trigger Gaming Keyboard is covered by a**1-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by accident, misuse, abuse, alteration, or improper installation. Please retain your proof of purchase for warranty claims.

9. Support

For technical support, software updates, or further assistance with your Redragon K701 keyboard, please refer to the following resources:

- **Software Download:** The latest customization software can be downloaded from the official Redragon website:

bit.ly/K701Driver.

- **Contacting Seller Support:** If you purchased your product through Amazon, you can contact the seller directly for support.



Image: A visual guide detailing the steps to contact the seller for support through the Amazon platform, including selecting the seller and sending a message.

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