Redragon K701

Redragon K701 Rapid Trigger Mechanical Gaming Keyboard

Model: K701

Brand: Redragon

INTRODUCTION

The Redragon K701 is a 60% wired mechanical gaming keyboard designed for high-performance PC gaming. It features adjustable magnetic-mechanical switches with rapid trigger technology, dual-point actuation, an 8k Hz polling rate, and vibrant RGB backlighting. This manual provides detailed instructions for setting up, operating, customizing, and maintaining your K701 keyboard to ensure optimal performance and longevity.

PACKAGE CONTENTS

- Redragon K701 Rapid Trigger Mechanical Gaming Keyboard
- USB-A to USB-C Cable (detachable, 1.6m/62in)
- Keycap Puller
- Switch Puller
- Replacement Switches (4 pieces)

SETUP

1. **Connect the Keyboard:** Connect the detachable USB-A to USB-C cable to the keyboard's USB-C port

and then to an available USB-A port on your computer.

2. **Driver Installation:** The keyboard is plug-and-play for basic functionality. For advanced customization and features, download and install the Redragon K701 driver software from the official Redragon website. The software link is typically provided in the product packaging or can be found at bit.ly/K701Driver.

3. **Software Configuration:** After installing the driver, launch the software to access advanced settings for key remapping, RGB lighting, rapid trigger, and dual-point actuation.

OPERATING INSTRUCTIONS

Key Features

- **Adjustable Magnetic-Mechanical Switches:** The K701 features fully adjustable Redragon magnetic switches. You can set each key's actuation point from 0.1mm to 4mm in 0.1mm steps, allowing for precise control over keypress sensitivity.

- **Rapid Trigger Mode:** This feature allows keys to reset and re-press faster than traditional mechanical keyboards. It enables instant re-actuation upon key lift, providing a competitive edge in fast-paced games.

- **Dual-Point Actuation (DKS):** Assign two distinct actions to a single keypress based on the actuation depth. This allows for executing instant one-two combos or complex macros with a single key.

- **8,000Hz Hyper-Polling Rate:** Experience ultra-low latency with an 8,000Hz polling rate, transmitting inputs up to 8 times faster than conventional gaming keyboards. Note: 8,000Hz hyper-polling performance may vary depending on your CPU.

- **Doubleshot PBT Keycaps XDA Profile:** Designed for durability, these keycaps resist wear and shine, maintaining their texture and legends over time. The XDA profile offers a consistent feel across all keys.

- **Vibrant RGB Backlighting:** Choose from up to 20 preset backlighting modes directly on the keyboard. Brightness and backlight flowing speed are also adjustable. Customize modes via software for personalized lighting effects.

Software Customization

The Redragon K701 driver software provides extensive customization options:

- **Key Remapping:** Modify the function of any key.

- **Rapid Trigger Settings:** Adjust trigger and reset points for individual keys or groups of keys. The software allows for both quick trigger and asymmetric trigger adjustments.

- **DKS (Dual-Point Actuation) Configuration:** Set up two actions per keypress.

- **Macros:** Create and assign complex macros for efficient work and gaming.

- **Lighting Effects:** Customize RGB lighting with various effects, colors, and speeds.

- **Profiles:** Save multiple profiles for different games or applications. Remember to click the 'Download' button in the software after selecting a different profile to apply changes.

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Video Description: This video provides a detailed introduction to the Redragon K701 driver software, demonstrating how to customize key functions, adjust Rapid Trigger settings (including quick trigger and asymmetric adjustments), and utilize DKS

(Dual-Point Actuation) for advanced control. It also shows how to calibrate keys if automatic triggering or disconnection occurs.

On-Keyboard Controls (FN Key Combinations)

The K701 supports various functions via FN key combinations:

- **FN + Shift (Right):** Switch between 14 preset backlighting modes.
- **FN + Enter:** Switch backlight color within each mode.
- Consult the full user manual for a complete list of FN key combinations.

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 deeper cleaning, use the provided keycap puller to remove keycaps and clean the switch area.
- **Cable Care:** Handle the detachable USB-C cable with care. Avoid sharp bends or excessive pulling to prevent damage.
- **Switch Replacement:** If a switch malfunctions, use the provided switch puller to carefully remove the faulty switch and replace it with one of the spare switches included in the package.
- **Software Updates:** Periodically check the Redragon website for updated driver software to ensure optimal performance and access to new features.

TROUBLESHOOTING

- **Keys Automatically Triggering/Disconnecting:** If you experience keys automatically triggering or disconnecting, perform a key calibration. In the driver software, navigate to the 'Trigger Setting' and select 'All keys calibration', then click 'Start calibration'. Press all keys on the keyboard once to complete the calibration process.
- **Software Settings Not Saving:** Some users have reported issues with software profiles not saving. Ensure you click the 'Download' or 'Apply' button within the software after making changes to save them to the keyboard's onboard memory. If the issue persists, try reinstalling the driver software.
- **8,000Hz Polling Rate Not Working:** The 8,000Hz polling rate is dependent on your CPU. Older CPUs may experience reduced performance. Ensure your system meets the requirements for optimal polling rate.
- **Keyboard Not Responding:** Check the USB cable connection. Try connecting to a different USB port or a different computer to rule out port or system issues. Ensure the driver is correctly installed.
- **RGB Lighting Issues:** If RGB lighting is not functioning as expected, try resetting the lighting modes using FN key combinations or reconfiguring them through the driver software.

SPECIFICATIONS

Feature	Specification
Model Number	K701
Connectivity	Wired (USB-A to USB-C)
Keyboard Layout	60% (68 Keys)
Switch Type	Adjustable Magnetic-Mechanical Switches
Actuation Point	0.1mm to 4mm (adjustable in 0.1mm steps)
Polling Rate	Up to 8,000Hz
Keycaps	Doubleshot PBT, XDA Profile
Backlighting	RGB (20+ preset modes)
Material	Metal Panel and ABS
Product Dimensions	12.2 x 1.3 x 4.1 inches
Item Weight	1.98 pounds

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance with your Redragon K701 keyboard, please visit the official Redragon website or contact Redragon customer service. Keep your purchase receipt for warranty claims.