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## Redragon K671

# Redragon K671 Mechanical Gaming Keyboard User Manual

Model: K671

Redragon Mechanical Gaming Keyboard Wired, 11 Programmable Backlit Modes, Hot-Swappable Red Switch, Anti-Ghosting, Double-Shot PBT Keycaps, Light Up Keyboard for PC Mac RGB LED

## 1. INTRODUCTION

This manual provides comprehensive instructions for the Redragon K671 Mechanical Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. The K671 is a wired mechanical keyboard featuring 11 programmable backlit modes, hot-swappable Red switches, anti-ghosting technology, and durable double-shot PBT keycaps, designed for an enhanced gaming and typing experience on PC and Mac systems.

## 2. WHAT'S IN THE BOX

- Redragon K671 Mechanical Gaming Keyboard
- USB Cable
- 4 x Spare Red Switches
- 2 x Spare Red Keycaps (e.g., Esc, Spacebar)
- Keycap Puller Tool
- Switch Puller Tool



Image: The Redragon K671 keyboard shown with its USB cable, spare red switches, and red keycaps.

### 3. SETUP

1. **Unpacking:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connection:** Connect the provided USB cable to the USB port on the keyboard and then to an available USB port on your computer.
3. **Driver Installation:** The keyboard is plug-and-play and typically does not require additional drivers for basic functionality. For advanced features like macro programming and detailed backlight customization, please visit the official Redragon website to download the dedicated software.
4. **Compatibility:** The Redragon K671 is compatible with Windows 10, Windows 7, Windows 8, Windows 8.1, and Windows Vista operating systems on both laptops and desktop PCs.

## 4. OPERATING INSTRUCTIONS

### 4.1. Backlight Modes and Customization

The K671 features 11 unique backlight modes to suit various preferences and environments. You can adjust the light speed and brightness across 5 levels for optimal comfort.

- **Changing Modes:** Use the dedicated function keys (e.g., Fn + Ins) to cycle through the 11 available backlight modes.
- **Adjusting Brightness:** Press **Fn + Up Arrow** to increase brightness and **Fn + Down Arrow** to decrease brightness (5 levels).
- **Adjusting Speed:** Press **Fn + Left Arrow** to decrease animation speed and **Fn + Right Arrow** to

increase animation speed (5 levels).



Image: The Redragon K671 keyboard illuminated with various RGB colors, highlighting its backlit capabilities.



Image: Visual representation of different backlit patterns available on the keyboard, including static, breathing, and dynamic effects.

## 4.2. Macro Editing and Key Redefinition

The K671 Mechanical Gaming Keyboard supports macro editing, allowing you to remap key functions, set shortcuts, or combine multiple key functions into a single key for increased efficiency in work and gaming. The LED backlit effects can also be adjusted via the software, though the primary color cannot be changed.

- **Software Requirement:** Macro editing and advanced key redefinition require the Redragon software, available for download from the official Redragon website.
- **Customization:** Within the software, you can create profiles, assign macros to specific keys, and customize lighting effects beyond the onboard presets.



Image: The Redragon software interface, demonstrating options for key redefinition, backlight customization, and macro editing.

## 4.3. Hot-Swappable Linear Red Switches

The K671 features linear Red switches, known for requiring less force to press and providing a smoother, quicker response. This makes them ideal for fast-paced gaming genres like RPGs and MMOs. The keyboard's PCB supports 3-pin switches, allowing for easy customization and replacement.

- **Switch Replacement:** Use the included switch puller tool to carefully remove existing switches. Align the pins of the new switch with the sockets on the PCB and press gently until it clicks into place.

- **Keycap Replacement:** Use the included keycap puller tool to remove keycaps. Press new keycaps onto the switch stems firmly.
- **Included Spares:** The keyboard comes with 4 spare Red switches and 2 spare red keycaps for convenience.

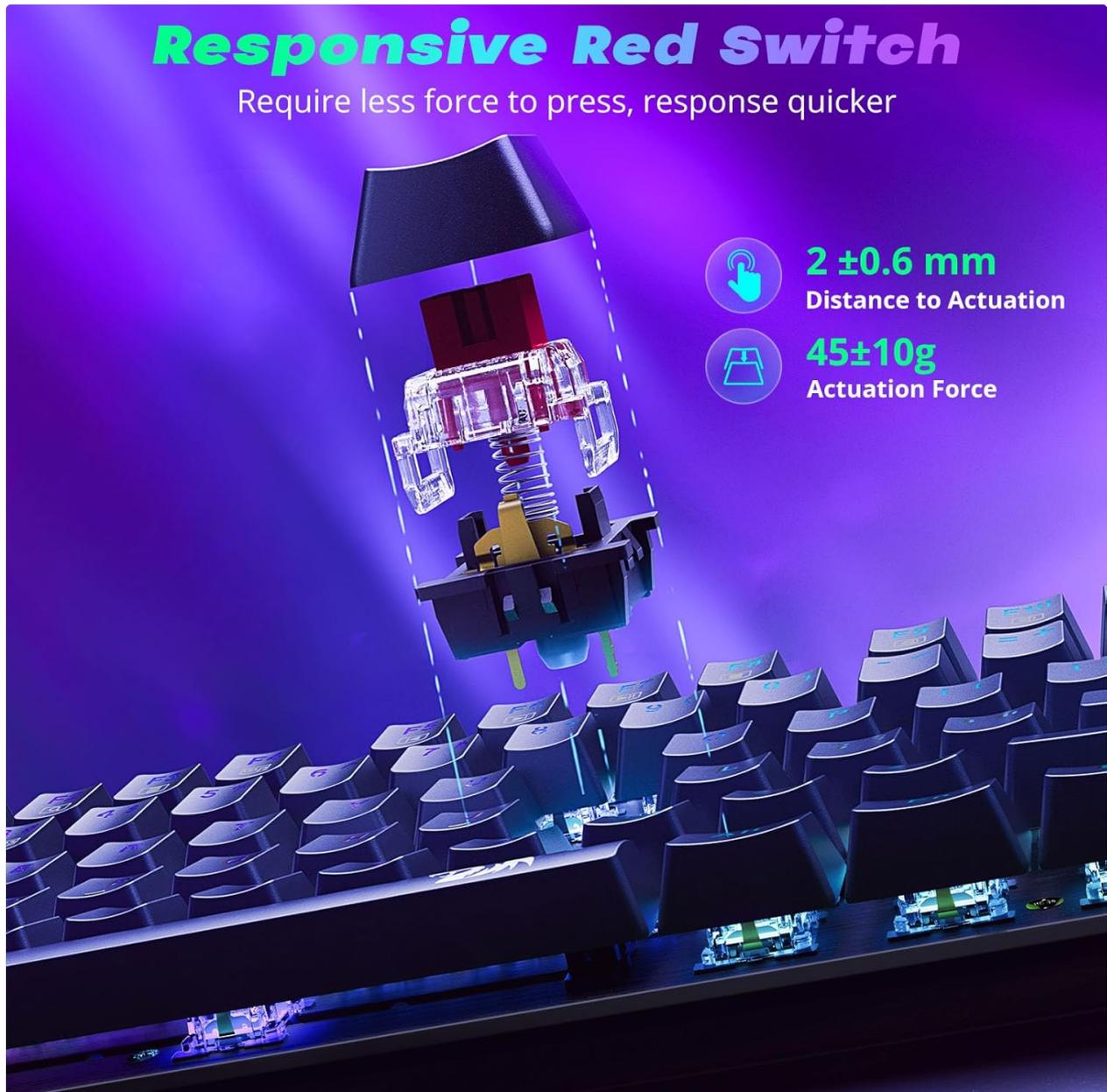


Image: An exploded view of a Red mechanical switch, showing its components and actuation specifications.

# Hot-Swappable Gaming Keyboard

PCB Supports 3 pin switches



Note: Includes 4 red switches and 2 keycaps as gifts

Image: The keyboard with various keycaps and switches detached, illustrating the hot-swappable design and included spare components.

## 4.4. Full Keys Anti-Ghosting and Multimedia Shortcuts

The K671 features full keys anti-ghosting, ensuring that all keys can work simultaneously without conflicting, allowing for complex commands and rapid inputs. Additionally, 12 multimedia key shortcuts provide quick access to functions such as calculator, media control, volume adjustment, and email.

- **Anti-Ghosting:** Guarantees every keystroke is registered accurately, even during intense gaming sessions with multiple simultaneous key presses.
- **Multimedia Keys:** Access common functions by pressing the **Fn** key in combination with the designated F-keys (F1-F12) or other marked keys.



Image: A visual representation of multiple key presses being detected without conflict, showcasing the full-key anti-ghosting feature.

### 4.5. Professional Gaming Modes

The keyboard offers 3 professional gaming modes with specific key highlights to enhance gameplay for different genres:

- **FPS Game Mode:** Activate with **Fn + 1**. Highlights keys relevant for First-Person Shooter games.
- **CF Game Mode:** Activate with **Fn + 2**. Highlights keys relevant for CrossFire or similar games.
- **Racing Game Mode:** Activate with **Fn + 3**. Highlights keys relevant for racing games.

## 3 Professional Gaming Modes Backlights

Press FN+1-5 to experience different gaming modes

- FPS Game Mode:** Activated by **Fn + 1**. The keyboard highlights keys such as W, A, S, D, F, G, H, J, K, L, and the arrow keys.
- CF Game Mode:** Activated by **Fn + 2**. The keyboard highlights keys such as W, A, S, D, F, G, H, J, K, L, and the arrow keys.
- RACING Game Mode:** Activated by **Fn + 3**. The keyboard highlights keys such as W, A, S, D, F, G, H, J, K, L, and the arrow keys.

Image: The keyboard displaying distinct backlit patterns for FPS, CF, and Racing game modes, activated by Fn + 1, Fn + 2, and Fn + 3 respectively.

## 4.6. Ergonomics and Keycaps

The K671 is designed for a comfortable typing experience, featuring a stepped key-layout and foldable kickstands to adjust the keyboard angle. It also utilizes durable double-shot PBT keycaps.

- **Stepped Key-layout:** Ergonomically designed keycap profiles to reduce finger fatigue.
- **Foldable Kickstands:** Allows adjustment of the keyboard's tilt for personalized comfort.
- **Double-Shot PBT Keycaps:** Manufactured with two layers of plastic molded together, ensuring legends never fade and providing enhanced durability.

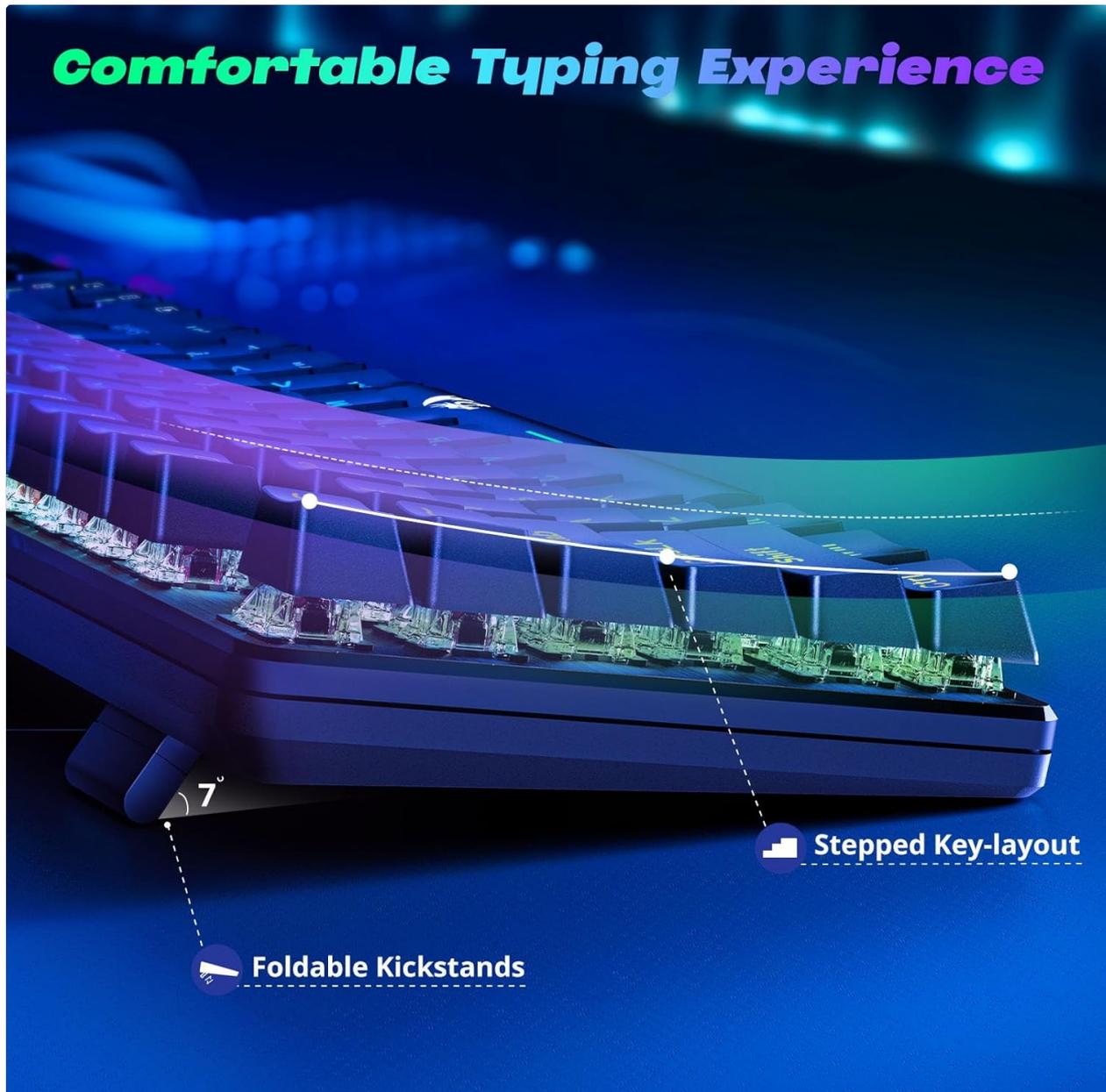


Image: A side profile of the keyboard illustrating its ergonomic stepped key-layout and the adjustable foldable kickstands.



Image: A detailed view of a double-shot PBT keycap, demonstrating its robust two-layer construction for durability and clear legends.

## 5. MAINTENANCE

### 5.1. Spill-Resistant Protection

The Redragon K671 keyboard is designed with spill-resistant protection to prevent accidental liquid damage. While this feature offers a degree of protection, it is not fully waterproof. In case of a spill, follow these steps:

1. **Disconnect Immediately:** Unplug the keyboard from your computer as soon as possible.
2. **Drain Liquid:** Turn the keyboard upside down to allow any liquid to drain out.
3. **Wipe Clean:** Gently wipe the surface and keys with a clean, dry cloth.
4. **Air Dry:** Allow the keyboard to air dry completely for at least 24 hours before reconnecting it. Do not use heat sources to speed up drying.



Image: A close-up view of the keyboard with water droplets on its surface, demonstrating its spill-resistant properties.

## 5.2. General Cleaning

- **Dust Removal:** Use compressed air to remove dust and debris from between the keycaps.
- **Surface Cleaning:** Wipe the keyboard surface with a soft, slightly damp cloth. Avoid harsh chemicals or abrasive materials.
- **Keycap Cleaning:** For deeper cleaning, keycaps can be removed using the provided keycap puller and washed with mild soap and water. Ensure they are completely dry before reattaching.

## 6. TROUBLESHOOTING

- **Keyboard Not Responding:**
  - Ensure the USB cable is securely connected to both the keyboard and the computer.
  - Try connecting the keyboard to a different USB port on your computer.
  - Test the keyboard on another computer to rule out a computer-specific issue.

- **Backlighting Not Working/Incorrect:**

- Check if the brightness is set to the lowest level (Fn + Down Arrow).
- Cycle through backlight modes (Fn + Ins) to see if it resolves the issue.
- If using customization software, ensure settings are correctly applied and the software is up to date.

- **Specific Keys Not Registering:**

- Remove the keycap and switch for the affected key using the provided tools.
- Inspect the switch for any visible damage or debris. Try replacing it with one of the spare switches.
- Ensure the switch is properly seated in the PCB socket.

- **Macro Issues:**

- Ensure the Redragon software is installed and up to date.
- Verify that macros are correctly programmed and assigned within the software.
- Check if the correct profile with the macros is active.

If you encounter persistent issues, please refer to the Warranty and Support section for contact information.

## 7. SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| <b>Brand</b>                   | Redragon  |
| <b>Series</b>                  | K671  |
| <b>Model Number</b>            | K671  |
| <b>Hardware Platform</b>       | Laptop, PC  |
| <b>Operating System</b>        | Windows 10, Windows 7, Windows 8, Windows 8.1, Windows Vista                                  |
| <b>Item Weight</b>             | 2.07 pounds   |
| <b>Product Dimensions</b>      | 17.13 x 4.88 x 1.42 inches  |
| <b>Color</b>                   | RGB LED   |
| <b>Power Source</b>            | Wired   |
| <b>Connectivity Technology</b> | Wired   |
| <b>Keyboard Description</b>    | Mechanical  |
| <b>Recommended Uses</b>        | Business, Education, Everyday Use, Gaming, Photo Editing, Programming, Student, Video Editing |
| <b>Special Features</b>        | Backlit, Customizable Display Keys, Ergonomic, Hot-Swappable                                  |
| <b>Number of Keys</b>          | 104   |

|                                   |                   |
|-----------------------------------|-------------------|
| <b>Backlighting Color Support</b> | RGB               |
| <b>Key Force</b>                  | 45±10g            |
| <b>Stroke Travel</b>              | 2±0.6 mm          |
| <b>Key Life</b>                   | 50 Million Clicks |

## 8. WARRANTY AND SUPPORT

Redragon provides professional after-sales service for all customers. The Redragon K671 Mechanical Gaming Keyboard comes with a **24-Month Warranty** from the date of purchase.

If you encounter any problems or have questions regarding your product, please do not hesitate to contact Redragon customer support. We are committed to providing the best service to every customer.

- **Customer Support:** Refer to the Redragon official website for the most up-to-date contact information, including email and phone support.
- **Software & Drivers:** Visit the official Redragon website to download the latest software and drivers for your K671 keyboard to unlock full customization options.