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## RK ROYAL KLUDGE RKR75

# RK ROYAL KLUDGE R75 Mechanical Gaming Keyboard User Manual

Model: RKR75

Brand: RK ROYAL KLUDGE

## 1. Product Overview

The RK ROYAL KLUDGE R75 is a wired 75% layout mechanical gaming keyboard designed for enhanced gaming and typing experiences. It features a compact design with 81 keys, including essential arrow and function keys, and a dedicated multimedia volume knob. The keyboard incorporates advanced features such as a gasket-mounted structure, hot-swappable switches, and customizable RGB backlighting.



Figure 1: RK ROYAL KLUDGE R75 Mechanical Gaming Keyboard with USB-C cable connected.

## 2. Package Contents

Please verify that all items are present in the package before proceeding with setup.

- 1 x RK ROYAL KLUDGE R75 Mechanical Keyboard
- 1 x USB-C Cable (detachable)
- 1 x 2-in-1 Keycap & Switch Puller
- 1 x Dust Cover
- 4 x Replacement Switches (Brown)
- 1 x User Manual (this document)




Figure 2: Contents included in the RK ROYAL KLUDGE R75 keyboard package.

## 3. Setup Guide

1. **Unpack the Keyboard:** Carefully remove the keyboard and all accessories from the packaging.
2. **Connect the USB-C Cable:** Insert the USB-C end of the provided cable into the port on the keyboard. Connect the other end (USB-A) to an available USB port on your computer or gaming console.



Figure 3: USB-C port for connecting the keyboard.

3. **Initial Recognition:** Your operating system (Windows, macOS, Linux) should automatically detect and install the necessary drivers for the keyboard. This process may take a few moments.
4. **Placement:** Position the keyboard comfortably on your desk. The 75% layout is designed to save space while retaining essential keys.
5. **Adjustable Feet:** The keyboard features adjustable feet on the underside to set your preferred typing angle.



Figure 4: Adjustable feet for ergonomic positioning.

## 4. Operating Instructions

### 4.1 Basic Keyboard Functions

The RK ROYAL KLUDGE R75 operates as a standard mechanical keyboard. All keys function as labeled. The 75% layout includes a full set of alphanumeric keys, function row (F1-F12), arrow keys, and a selection of navigation keys (Home, PgUp, PgDn, Del, End, PrtSc, ScrLk, Pause).

### 4.2 Multimedia Volume Knob

The integrated CNC aluminum volume knob provides convenient control over audio output.

- **Turn Clockwise:** Increase volume.
- **Turn Counter-clockwise:** Decrease volume.
- **Press Down:** Mute/Unmute audio.




Figure 5: Multimedia knob for volume control.

## 4.3 RGB Backlighting Customization

The R75 features south-facing transparent RGB backlighting with multiple modes and customization options. Use the Function (Fn) key in combination with other keys to adjust the lighting.

- **Fn +** \|**:** Toggle between 18 RGB backlight modes.
- **Fn +** <**:** Adjust RGB colors (8 monochrome options, 1 full-color backlight).
- **Fn +** ↑ / ↓**:** Adjust 5 brightness levels.
- **Fn +** ← / →**:** Adjust 5 speed levels for dynamic modes.




Figure 6: Key combinations for RGB lighting adjustments.

For advanced customization, including full programmability, backlight color and effects, and combination keys, refer to the official RK ROYAL KLUDGE software, if available for your operating system. The keyboard also supports per-key RGB customization via a record function (Fn + 1, then Fn + Back to enter/exit recording mode, press keys to change color, Fn + Back to save).

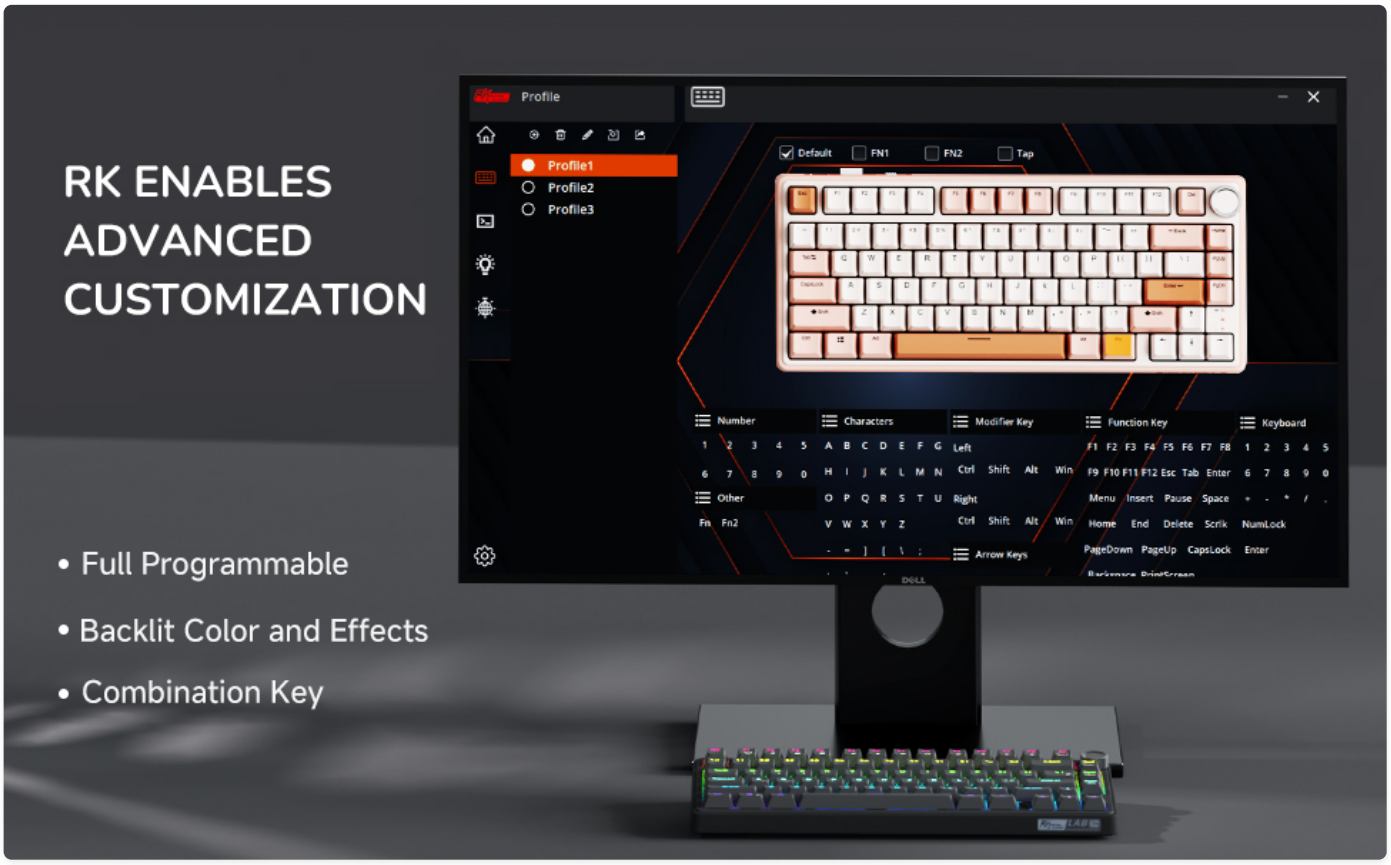



Figure 7: Example of advanced customization software interface.

## 4.4 Hot-Swappable Switches

The R75 features a hot-swappable PCB, allowing users to change mechanical switches without soldering. It is compatible with 3-pin or 5-pin switches. This enables customization of typing feel and sound.



Figure 8: Hot-swappable switch sockets on the PCB.

To replace a switch:

1. Use the provided keycap puller to gently remove the keycap.
2. Use the switch puller to carefully grip the switch from the top and bottom clips, then pull it straight up.
3. Align the pins of the new switch with the holes on the PCB and press down firmly until it clicks into place. Ensure pins are straight to avoid bending.
4. Replace the keycap.

Your browser does not support the video tag.

Video 1: Demonstration of the RK ROYAL KLUDGE R75 Mechanical Keyboard features, including switch replacement and sound test.

## 5. Maintenance

- **Cleaning Keycaps:** Use a soft, damp cloth to wipe down keycaps. For deeper cleaning, remove keycaps using the provided puller and wash them with mild soap and water. Ensure they are completely dry before reattaching.
- **Cleaning the Keyboard Body:** Use a soft, dry cloth to wipe the keyboard body. For dust between keys, use compressed air.
- **Dust Cover:** Utilize the included dust cover when the keyboard is not in use to prevent dust and debris accumulation.
- **Cable Management:** Avoid sharp bends or excessive pulling on the USB-C cable to prevent damage.

## 6. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Keyboard not responding. | Loose cable connection, incorrect USB port, driver issue. | Ensure USB-C cable is securely connected to both keyboard and computer.<br>Try a different USB port on your computer.<br>Restart your computer.<br>Check Device Manager (Windows) for keyboard drivers. |
| RGB lighting not working or stuck. | Incorrect lighting mode, software conflict. | Press **Fn +** \| to cycle through lighting modes.<br>Press **Fn +** ↑ to increase brightness.<br>If using software, ensure it's updated and not conflicting with onboard controls. |
| Specific key not working. | Faulty switch, debris under keycap. | Remove the keycap and switch (refer to Section 4.4).<br>Check for any debris or obstruction.<br>Replace the switch with one of the spares provided or a new compatible switch. |
| Volume knob not functioning. | Software conflict, physical obstruction. | Ensure no software is overriding multimedia controls.<br>Gently check if the knob is obstructed or loose.<br>Restart your computer. |

## 7. Specifications

| Feature | Detail |
|---|---|
| **Model** | RKR75 |

| Feature | Detail |
|---|---|
| **Layout** | 75% (81 Keys) |
| **Connectivity** | Wired (USB-C) |
| **Switch Type** | Tactile Brown (Pre-lubed, Hot-Swappable 3/5-pin) |
| **Backlighting** | RGB (South-facing, 18 modes, 8 monochrome, 5 brightness, 5 speed) |
| **Special Features** | Gasket Mount, Volume Knob (CNC Aluminum), Anti-Ghosting (Full N-Key Rollover) |
| **Compatible Devices** | Laptop, Gaming Console, PC |
| **Dimensions (L x W x H)** | 13.86 x 7.48 x 1.93 inches |
| **Item Weight** | 2.16 pounds |
| **Manufacturer** | RK ROYAL KLUDGE |

## 8. Warranty and Support

For warranty information, technical support, or further assistance, please refer to the official RK ROYAL KLUDGE website or contact their customer service directly. Details can typically be found on the manufacturer's product page or within the packaging.
**Online Resources:**

- Official RK ROYAL KLUDGE Website: www.rkgaming.com (*Note: This is a placeholder URL, please refer to actual product documentation for precise links.*)
- Product Support Page: Check the product page on the retailer's website for FAQs or downloadable resources.

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