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## RK ROYAL KLUDGE RK987A

# RK ROYAL KLUDGE RK987 Mechanical Keyboard

## USER MANUAL

### 1. Introduction

The RK ROYAL KLUDGE RK987 is an 87-key tenkeyless mechanical keyboard designed for both gaming and office use. It offers versatile connectivity options, including wired USB-C and wireless Bluetooth, making it compatible with a wide range of operating systems such as Windows, iOS, MacOS, Linux, and Android. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance.



Figure 1.1: RK ROYAL KLUDGE RK987 Mechanical Keyboard

### 2. Features

- **Dual-Connection Mode:** Supports both Bluetooth wireless and USB-C wired connections.
- **Multi-Device Connectivity:** Connects up to three Bluetooth devices simultaneously and switches easily between them.
- **Wide Compatibility:** Compatible with Windows XP/Vista/7/8/10, iOS, MacOS, Linux, and Android.
- **87 Keys Mechanical Switches:** Features responsive mechanical switches (e.g., Blue Switch) suitable for typing and gaming.

- **Full N-Key Rollover & Anti-Ghosting:** Ensures flawless performance by registering all key presses accurately.
- **White LED Backlight:** Offers various backlight modes for enhanced visibility and aesthetics.
- **Ergonomic Design:** Scientific stair-up keycap design minimizes hand fatigue during long-term use.
- **Durable Construction:** Made with durable double-shot ABS keycaps.
- **Built-in Rechargeable Battery:** 1850mAh battery for wireless operation.



### 1850mA battery

This gaming keyboard is built in recharging 1850 mA battery.



### Lighting Setting

There are 19 backlight modes to choose.



Figure 2.1: Keyboard features including 1850mAh battery and 19 backlight modes.



Figure 2.2: Durable double shot ABS keycaps and ergonomic design for comfort.

### 3. What's in the Box

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- RK ROYAL KLUDGE RK987 Mechanical Keyboard
- USB Cable (Type-C)

### 4. Specifications

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Specification	Value
Product Dimensions	15.75 x 7 x 2.25 inches
Item Weight	2.44 pounds
Model Number	RK987A
Batteries	1 A battery required (included)
Connectivity Technology	Bluetooth, USB-C Wired
Number of Keys	87
Keyboard Backlighting	Single Color (White LED)

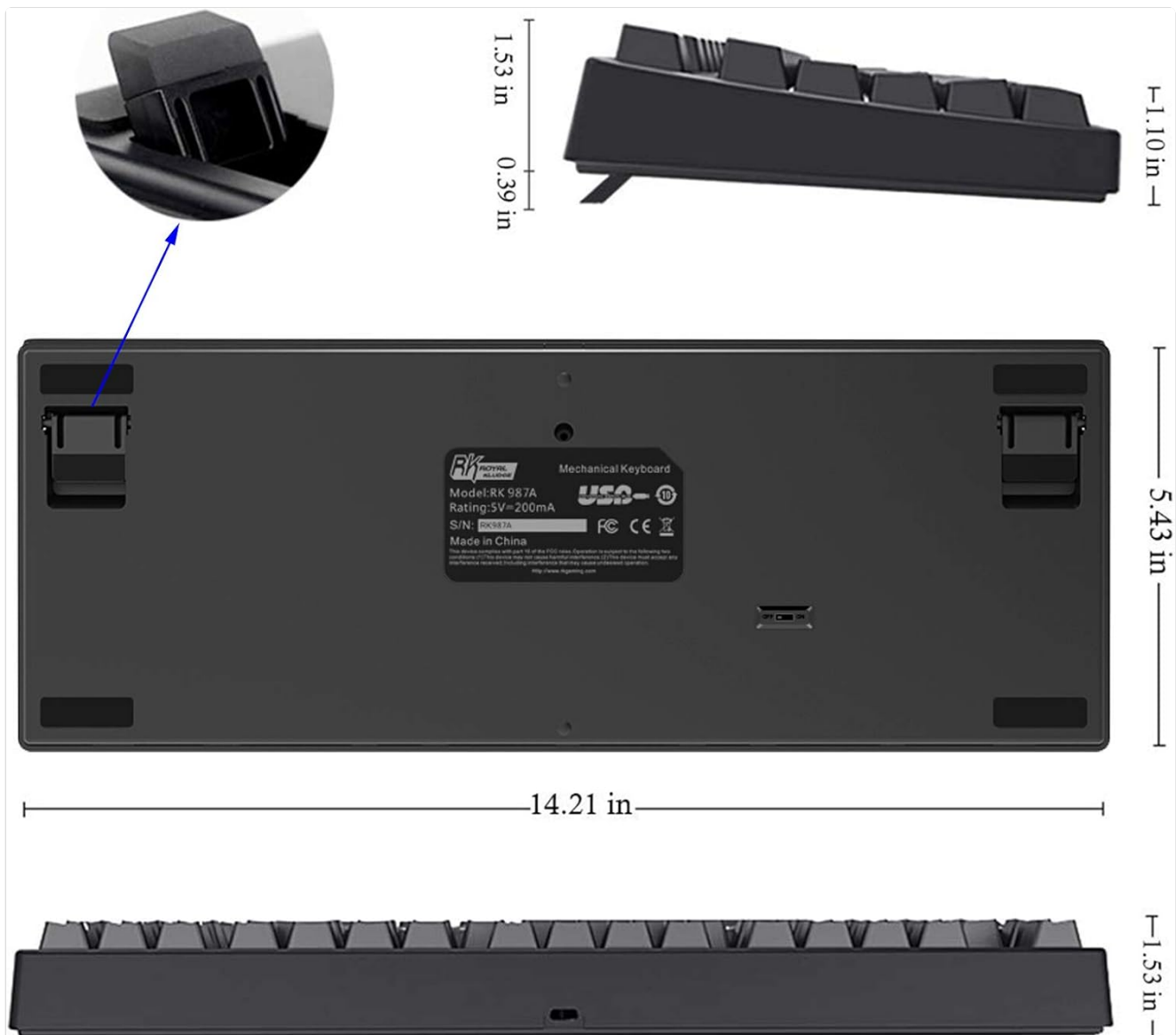


Figure 4.1: Detailed dimensions and model information located on the keyboard's underside.

## 5. Setup

### 5.1 Power On/Off

Locate the power switch on the underside of the keyboard. Slide the switch to the 'ON' position to power on the keyboard, or 'OFF' to power it down.

## 5.2 Wired Connection

To use the keyboard in wired mode, connect the provided USB-C cable to the keyboard's USB-C port and the other end to an available USB port on your computer. The keyboard will automatically switch to wired mode and begin charging.

### Ultra-low Latency Wireless Transmission

Work smarter ,not harder!  
FN+Q/W/E/R/T:switch 5 Bluetooth devices any time.



### USB Solid Type-C Wired Connection

Become the Apex champion or atleast bethe best geared loser loser in game !

Figure 5.1: The keyboard supports both wired USB Type-C and wireless Bluetooth connections.

## 5.3 Bluetooth Connection

The RK987 keyboard can connect to up to three Bluetooth devices. Follow these steps to pair your keyboard:

1. Ensure the keyboard's power switch on the underside is set to 'ON' (Bluetooth Mode).
2. On your computer or device, enable Bluetooth and search for new devices.
3. Select "RK-Keyboard 5.1" from the list of available devices to initiate pairing.
4. Once paired, your device is ready to use.
5. To switch between paired Bluetooth devices, press **Fn + Q**, **Fn + W**, or **Fn + E**.

# USB MODE AND BLUETOOTH MODE SWITCHING/PAIRING SETTINGS.



Figure 5.2: The switch on the keyboard's bottom for USB (OFF) and Bluetooth (ON) modes.

Video 5.1: Demonstrates the Bluetooth pairing process for the RK ROYAL KLUDGE Mechanical Keyboard.

## 6. Operating Instructions

### 6.1 Key Functions (Fn Combinations)

The keyboard features various function key combinations to enhance productivity and control:

<b>Key Combination</b>	<b>Function</b>
<b>Fn + F1</b>	My Computer
<b>Fn + F2</b>	Web Browser
<b>Fn + F3</b>	Email
<b>Fn + F4</b>	Music Player
<b>Fn + F5</b>	Previous Track
<b>Fn + F6</b>	Next Track
<b>Fn + F7</b>	Play/Pause
<b>Fn + F8</b>	Stop
<b>Fn + F9</b>	Volume Up
<b>Fn + F10</b>	Volume Down
<b>Fn + F11</b>	Mute
<b>Fn + F12</b>	Calculator
<b>Fn + Space</b> (Long press 3s)	Restore to factory settings (backlight flickers 5 times)
<b>Fn + Windows Key</b>	Lock Windows Key
<b>Fn + Left Caps</b>	Functional interchange between Left CTRL and CAPS
<b>Fn + Left Alt</b>	Functional interchange between Left ALT and WIN


## Key Function

<b>Fn</b> + <b>F1</b> 	My Computer	<b>Fn</b> + <b>F5</b> 	Previous Track	<b>Fn</b> + <b>F9</b> 	Volume increase
<b>Fn</b> + <b>F2</b> 	Web	<b>Fn</b> + <b>F6</b> 	Next Track	<b>Fn</b> + <b>F10</b> 	Volume down
<b>Fn</b> + <b>F3</b> 	Email	<b>Fn</b> + <b>F7</b> 	Start / Pause	<b>Fn</b> + <b>F11</b> 	Mute
<b>Fn</b> + <b>F4</b> 	Music	<b>Fn</b> + <b>F8</b> 	Stop	<b>Fn</b> + <b>F12</b> 	Calculator

**Fn** + **SPACE** **Restore to factory settings**

Long press **Fn** + **SPACE** 3seconds,full keyboard backlight flicker 5 times,restore factory defaults.

**Fn** +  **Lock windows key**

**Fn** + left  **Functional interchange between left CTRL and CAPS**

**Fn** + left  **Functional interchange between left ALT and WIN**



Figure 6.1: Overview of key functions and Fn combinations.

## 6.2 Backlight Modes

The RK987 keyboard offers 19 different backlight modes. Use the dedicated backlight control keys (often located near the arrow keys or F-keys, refer to keyboard legends) to cycle through the modes and adjust brightness.

Video 6.1: Demonstrates various backlight modes available on the RK ROYAL KLUDGE Mechanical Keyboard.

## 7. Maintenance

To ensure the longevity and optimal performance of your RK ROYAL KLUDGE RK987 keyboard, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the keycaps and keyboard surface with a soft, dry cloth. For deeper cleaning, you may use a can of compressed air to remove dust and debris from between the keys.
- **Avoid Liquids:** Keep liquids away from the keyboard to prevent damage to the internal components.
- **Storage:** When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight.

- **Charging:** Charge the keyboard using the provided USB-C cable. Avoid using unapproved chargers.

## 8. Troubleshooting

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If you encounter issues with your RK ROYAL KLUDGE RK987 keyboard, refer to the following common troubleshooting steps:

- **Keyboard Not Responding (Wired Mode):**

- Ensure the USB-C cable is securely connected to both the keyboard and the computer.
- Try connecting to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.

- **Bluetooth Connection Issues:**

- Ensure the keyboard's power switch is set to 'ON' (Bluetooth Mode).
- Verify that Bluetooth is enabled on your device and that the keyboard is within range.
- Remove the keyboard from your device's Bluetooth list and attempt to re-pair it.
- Ensure the keyboard battery is sufficiently charged.

- **Keys Not Registering / Ghosting:**

- The keyboard features N-Key Rollover and anti-ghosting. If issues persist, try restoring to factory settings by long-pressing **Fn + Space** for 3 seconds.
- Ensure no debris is lodged under the keycaps.

- **Backlight Not Working / Dim:**

- Ensure the keyboard battery is charged.
- Cycle through backlight modes and adjust brightness using the dedicated keys.

## 9. Warranty & Support

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For warranty information and technical support, please refer to the official RK ROYAL KLUDGE website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.