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Redragon K757

Redragon K757 Wireless Mechanical Gaming Keyboard User Manual

Model: K757

1. Introduction

Thank you for purchasing the Redragon K757 Wireless Mechanical Gaming Keyboard. This keyboard offers a versatile 75% layout with 82 keys, multi-mode connectivity, customizable RGB backlighting, and hot-swappable switches for an enhanced typing and gaming experience. Please read this manual carefully to ensure proper use and maintenance of your device.



Figure 1.1: Redragon K757 Wireless Mechanical Keyboard Overview

2. Package Contents

- Redragon K757 Wireless Mechanical Keyboard x1
- USB-C Cable x1
- 2-in-1 Keycap & Switch Puller x1
- Replacement Silver Switches x4
- User Manual x1



Figure 2.1: Included Accessories

3. Setup

3.1. Connecting Your Keyboard

The Redragon K757 supports three connection modes: Bluetooth 5.0, 2.4GHz wireless, and wired USB-C. You can connect up to 5 devices simultaneously (3 via Bluetooth, 1 via 2.4GHz, 1 via USB-C).



Figure 3.1: Multi-Device Connectivity

3.1.1. 2.4GHz Wireless Connection

1. Locate the 2.4GHz USB dongle, usually stored in a slot on the keyboard.

2. Plug the USB dongle into an available USB port on your computer.
3. On the side of the keyboard, slide the switch to the '2.4G' position.
4. The keyboard should automatically connect.

3.1.2. Bluetooth Connection

1. On the side of the keyboard, slide the switch to the 'BT' position.
2. Press and hold **FN + 1** (or **2**, **3**) for 3-5 seconds until the key starts flashing rapidly. This indicates pairing mode.
3. On your device (PC, Mac, smartphone, tablet), go to Bluetooth settings and search for 'BT5.0 Keyboard'.
4. Select the keyboard to pair. The key will stop flashing once connected.
5. Repeat for other Bluetooth channels (FN+2, FN+3) to connect up to three Bluetooth devices.

3.1.3. Wired USB-C Connection

1. Connect the provided USB-C cable to the keyboard's USB-C port.
2. Connect the other end of the cable to your computer's USB port.
3. On the side of the keyboard, slide the switch to the 'OFF' position. This will activate the wired mode.

3.2. Windows/Mac Mode Switch

The keyboard features a dedicated switch on the side to toggle between Windows and Mac operating system layouts.

- Slide the switch to 'WIN' for Windows compatibility.
- Slide the switch to 'MAC' for macOS compatibility.



Figure 3.2: Side Function Switch (Mac/Win & Connection Modes)

3.3. Software Installation (Windows Only)

For advanced customization of RGB settings, key assignments, and macro recording, download the dedicated software from the official Redragon website (redragonzone.com). Navigate to the 'DOWNLOAD' page and select 'K757'.

- **Note:** The software is compatible with Windows operating systems only.
- Ensure the keyboard is connected via USB-C cable when using the software for customization.



Figure 3.3: Dedicated Software for Customization

4. Operating Instructions

4.1. Multi-function Knob

The knob located on the top left of the keyboard provides quick control over volume and backlight settings.

- **Press Knob:** Toggle between Volume Mode and Backlight Mode.
- **Rotate Knob (Volume Mode):**
  - Rotate clockwise: Increase volume.
  - Rotate counter-clockwise: Decrease volume.
  - Press: Mute/Unmute audio.
- **Rotate Knob (Backlight Mode):**
  - Rotate clockwise: Increase backlight brightness.
  - Rotate counter-clockwise: Decrease backlight brightness.
  - Press: Cycle through backlight modes.



Figure 4.1: Multi-function Knob Controls

4.2. RGB Backlight Control

The keyboard features 16.8 million color RGB backlighting with 15 preset modes and music synchronization effects.

- **FN + PgDn:** Cycle through 15 backlight modes.
- **FN + ↑ / ↓:** Adjust backlight brightness.
- **FN + ← / →:** Adjust backlight speed/direction.
- **FN + Home:** Cycle through side light colors (static/breathing mode).
- **FN + [=]:** Adjust side light speed.
- **FN + [-_]:** Toggle side light effect / Off.



Figure 4.2: RGB Backlight in Use

4.3. Multimedia Shortcuts

Utilize FN key combinations for quick access to multimedia and system functions.

Windows Functions	Mac Functions
FN + F1: Screen Brightness -	**F1:** Screen Brightness -

Windows Functions	Mac Functions
FN + F2: Screen Brightness +	**F2:** Screen Brightness +
FN + F3: Task View	**F3:** Mission Control
FN + F4: Voice Input	**F4:** Siri
FN + F5: Show Desktop	**F5:** Show Desktop
FN + F6: Search	**F6:** Spotlight
FN + F7: Previous Track	**F7:** Previous Track
FN + F8: Play/Pause	**F8:** Play/Pause
FN + F9: Next Track	**F9:** Next Track
FN + F10: Mute	**F10:** Mute
FN + F11: Volume -	**F11:** Volume -
FN + F12: Volume +	**F12:** Volume +



Figure 4.3: Multimedia Shortcuts

4.4. Battery Management

The keyboard is equipped with a 4000mAh rechargeable battery.

- **Charging:** Connect the keyboard via USB-C cable to a power source (computer USB port or wall adapter). The backlight will indicate charging status.
- **Battery Level Check:** Press **FN + DEL** to display the current battery level using the number row keys.



Figure 4.4: Battery Level Display Function

5. Maintenance

5.1. Cleaning

To maintain the keyboard's appearance and functionality:

- Disconnect the keyboard from all power sources before cleaning.
- Use a soft, damp cloth to wipe the surface. Avoid harsh chemicals.
- Use a can of compressed air to remove dust and debris from between the keycaps.

5.2. Keycap and Switch Replacement

The Redragon K757 features hot-swappable switches, allowing you to easily replace 3-pin or 5-pin mechanical switches without soldering.



Figure 5.1: Hot-Swap Compatible PCB Sockets

1. Use the included keycap puller to gently remove the desired keycap.
2. Use the switch puller to carefully grip and pull out the switch from its socket.

3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
4. Replace the keycap.

Caution: Apply gentle force when removing and inserting switches to avoid damaging the PCB or switch pins.

6. Troubleshooting

- **Keyboard not connecting:**
  - Ensure the mode switch (2.4G/BT/OFF) is in the correct position.
  - For Bluetooth, ensure the keyboard is in pairing mode (FN+1/2/3 flashing).
  - For 2.4GHz, ensure the dongle is securely plugged in.
  - For wired, ensure the cable is connected and the switch is in 'OFF' position.
  - Try restarting your device or the keyboard.
- **Keys not responding or double-typing:**
  - This keyboard supports N-Key Rollover, so multiple simultaneous presses should register correctly.
  - If specific keys are problematic, consider replacing the switch using the included tool and spare switches.
- **Volume knob direction is reversed (Windows):**
  - Some users report the volume knob rotation direction being counter-intuitive on Windows. This is a known characteristic of the product's design and not a defect.
- **Software not working:**
  - Ensure the keyboard is connected via USB-C cable to your Windows PC.
  - Download the latest software version from redragonzone.com.
- **WIN key is locked:**
  - The keyboard has a WIN key lock function to prevent accidental presses during gaming. Refer to the specific key combination in the quick start guide for your model to unlock it.

7. Specifications

Brand:	Redragon
Model:	K757
Layout:	75% Tenkeyless (82 Keys), US Layout
Connection Type:	Bluetooth 5.0, 2.4GHz Wireless, USB-C Wired
Switches:	Redragon Speed Linear Silver Axis (Lubricated, Hot-swappable 3/5-pin)

Keycaps:	PBT Double-shot
Backlight:	RGB (16.8 million colors, 15 preset modes)
Battery Capacity:	4000mAh
Compatibility:	Windows, macOS, Tablet, Smartphone, Gaming Consoles (PS5, Xbox, Switch)
Material:	Polybutylene Terephthalate (PBT)
Color:	White
Dimensions (approx.):	333mm (L) x 146mm (W) x 42mm (H)
Weight (approx.):	851g



Figure 7.1: Keyboard Dimensions

8. Warranty and Support

8.1. Manufacturer Warranty

This product comes with a**1-year manufacturer warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

8.2. Customer Support

For any inquiries or support needs, please contact customer service through your Amazon order history. You can also visit the official Redragon website for additional resources and software downloads: redragonzone.com.

9. Product Video

Your browser does not support the video tag.

Video 9.1: Official Redragon K757 Wireless Mechanical Keyboard Product Video. This video demonstrates the keyboard's features, including its design, RGB lighting, and multi-mode connectivity.

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