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Redragon K662L-G1RS

Redragon K662 Gwern Dual Mode Wireless Mechanical Gaming Keyboard User Manual

Introduction

This manual provides detailed instructions for the Redragon K662 Gwern Dual Mode Wireless Mechanical Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device. Please read this manual thoroughly before using the keyboard.

Package Contents

- Redragon K662 Gwern Mechanical Keyboard
- USB Wireless Receiver (2.4GHz dongle)
- User Manual

Setup

1. Battery Installation

The Redragon K662 Gwern keyboard requires two AAA batteries for operation. Locate the battery compartment on the underside of the keyboard. Open the cover, insert two AAA batteries according to the polarity indicators, and close the cover securely.

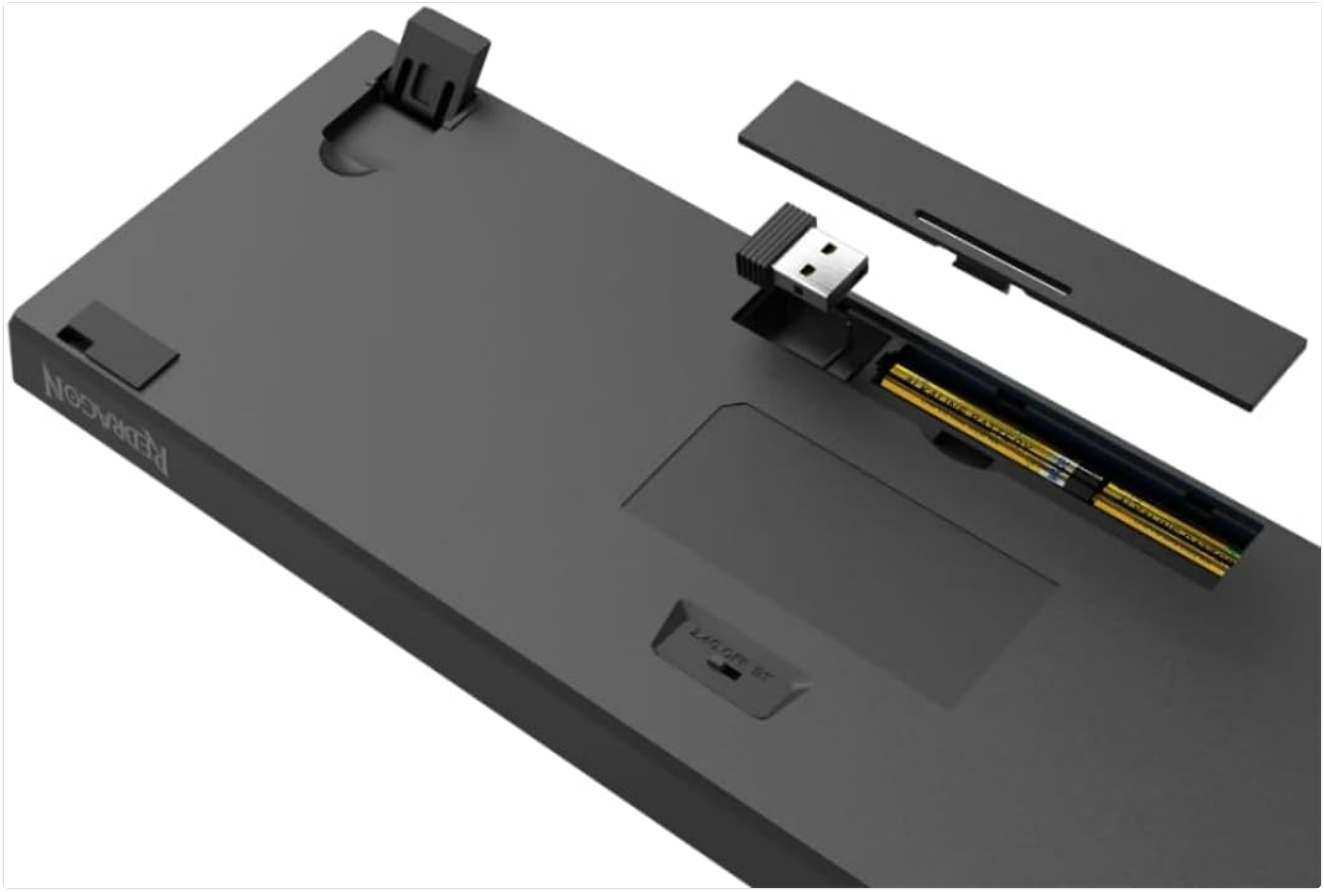


Image: Underside view of the keyboard, illustrating the battery compartment and the dedicated slot for the 2.4GHz USB wireless receiver.

2. Connectivity Modes

The keyboard supports two wireless connectivity modes: 2.4GHz wireless and Bluetooth.

2.1. 2.4GHz Wireless Connection

1. Locate the USB wireless receiver (dongle) stored in the compartment on the underside of the keyboard.
2. Plug the USB wireless receiver into an available USB port on your computer.
3. Turn on the keyboard using the power switch, typically located on the underside or side of the keyboard.
4. The keyboard should automatically connect to your computer.



Image: The Redragon K662 Gwern keyboard, highlighting a red mechanical switch and the compact USB wireless receiver for 2.4GHz connectivity.

2.2. Bluetooth Connection

1. Ensure the keyboard is powered on.
2. Press the **Fn** key combined with **BT1**, **BT2**, or **BT3** (usually marked on the Q, W, E keys) to select a Bluetooth channel. The indicator light for the selected channel will flash, indicating pairing mode.
3. On your device (computer, tablet, smartphone), navigate to Bluetooth settings and enable Bluetooth.
4. Search for available devices. The keyboard should appear as "Redragon K662" or similar.
5. Select the keyboard to pair. Follow any on-screen prompts, such as entering a pairing code.
6. Once paired, the indicator light will stop flashing and remain solid for a few seconds, then turn off, indicating a successful connection.

Operating Instructions

1. Switching Between Modes

To switch between 2.4GHz wireless and Bluetooth modes, use the function keys:

- Press **Fn + 2.4G** (usually marked on the R key) to switch to 2.4GHz wireless mode.
- Press **Fn + BT1**, **Fn + BT2**, or **Fn + BT3** (usually marked on the Q, W, E keys) to switch to the corresponding Bluetooth channel.

2. Power Saving Mode

The K662 Gwern features an intelligent power-saving mode. If the keyboard is inactive for a period, it will automatically enter sleep mode to conserve battery life. Press any key to wake the keyboard.

3. Anti-Ghosting

This keyboard is equipped with full-key anti-ghosting technology, ensuring that all key presses are registered accurately, even during rapid and simultaneous keystrokes common in gaming.

4. Hot-Swappable Switches

The Redragon K662 Gwern features hot-swappable mechanical switches, allowing users to easily replace switches without soldering. This enables customization of typing feel and repair of individual switches.



Image: A detailed view of the keyboard with several keycaps removed, revealing the hot-swappable red mechanical switches beneath.

Maintenance

1. Cleaning

- Disconnect the keyboard from your device before cleaning.
- Use a soft, dry cloth to wipe the surface of the keyboard.

- For dust and debris between keycaps, use compressed air.
- For stubborn stains, lightly dampen a cloth with water or a mild cleaning solution (avoid harsh chemicals) and gently wipe. Ensure no liquid enters the keyboard.

2. Storage

When not in use for extended periods, store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for a very long time to prevent leakage.

Troubleshooting

- **Keyboard not responding:**
  - Check if the keyboard is powered on.
  - Ensure batteries are correctly installed and have sufficient charge. Replace if necessary.
  - For 2.4GHz connection, ensure the USB receiver is securely plugged into the computer and the keyboard is in 2.4G mode.
  - For Bluetooth connection, ensure Bluetooth is enabled on your device, the keyboard is in the correct BT channel, and it is paired. Try re-pairing if connection is lost.
  - Move the keyboard closer to the receiver/device to rule out interference.
- **Keys not registering or ghosting:**
  - Ensure the keyboard is clean and free of debris that might obstruct key presses.
  - If a specific key is not working, consider replacing the hot-swappable switch for that key.
- **Short battery life:**
  - Ensure you are using fresh, high-quality AAA batteries.
  - The keyboard's power-saving mode should help conserve battery. If battery life is still unusually short, consider replacing batteries more frequently.

Specifications

Feature	Specification
Model	K662L-G1RS
Connectivity Type	2.4G Wireless, Bluetooth
Number of Keys	68/69 KEY (US/Arabic Layout)
Switches	Red Mechanical Switches, 5-pin Hot-Swap
Key Operating Force	60±15g
Key Travel	4.0±0.2mm
Battery	2 x AAA (3.0V)
Working Current (2.4G)	<5mA
Working Current (BT)	<7mA

Feature	Specification
Dimensions	310.7 x 101.75 x 40mm
Weight	1 Kilogram
Cover Material	Iron Plate
Keycap Material	Injection Molded ABS
Lighting	No Backlighting
Supported OS	WinXP/Vista/Win7/Win8/Win10/Win11

Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Redragon website. Keep your purchase receipt as proof of purchase for any warranty claims.

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