

## RedThunder K61

# RedThunder K61 60% Wireless Mechanical Keyboard User Manual

## INTRODUCTION

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This manual provides detailed instructions for the RedThunder K61 60% Wireless Mechanical Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using your new keyboard.

## PRODUCT FEATURES

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- **Dual Modes with Reliable Connection:** Supports 2.4G wireless and wired (USB-C) connectivity for versatile use. The 2.4G wireless solution offers stable, low-latency performance.
- **60% Compact Layout:** Features 61 keys, providing a minimalist design that saves desk space while retaining essential functionality.
- **Long-lasting Battery:** Equipped with an 1850mAh rechargeable battery, offering approximately 20 hours of continuous use with the lightest backlight setting. Includes a smart power-saving function for extended standby time.
- **True RGB Illuminated Backlight:** Offers 16.8 million colors with 20 dynamic preset lighting effects. Brightness and breathing speed are adjustable.
- **Blue Switches & PBT Keycaps:** Provides excellent tactile feedback and a clear clicky sound, suitable for both gaming and typing. Durable PBT keycaps ensure longevity.



Image: The RedThunder K61 keyboard showcasing its compact 61-key layout with RGB backlighting.

## PACKAGE CONTENTS

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Please check the package for the following items:

- RedThunder K61 60% Wireless Mechanical Keyboard
- USB-C to USB-A Cable
- 2.4G USB Receiver
- User Manual

## SETUP INSTRUCTIONS

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### 1. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's charging port and the other end to a USB power source (e.g., computer USB port, USB wall adapter).

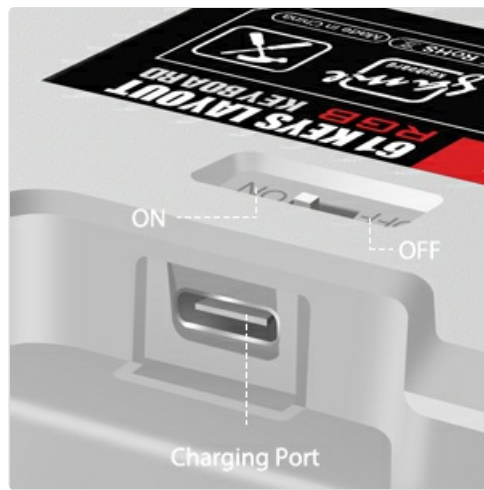


Image: Close-up view of the keyboard's side, showing the USB-C charging port and the ON/OFF power switch.

## 2. Connecting in 2.4G Wireless Mode

1. Locate the 2.4G USB receiver, typically stored in a compartment on the bottom of the keyboard.
2. Plug the 2.4G USB receiver into an available USB port on your computer.
3. Turn on the keyboard using the power switch located on the side or back of the keyboard.
4. The keyboard should automatically connect to your computer. If not, press **Fn + R** to initiate pairing.



Image: A close-up of the 2.4GHz USB receiver, which is used for wireless connection.

## 3. Connecting in Wired Mode

To use the keyboard in wired mode, simply connect the USB-C cable to the keyboard's port and the USB-A end to your computer. The keyboard will automatically switch to wired mode and begin charging if necessary.



Image: The RedThunder K61 keyboard showing both the 2.4G wireless USB receiver and the USB-C cable for wired connection.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Use the physical switch located on the side or back of the keyboard to turn the device ON or OFF.

### 2. RGB Backlight Control

The K61 keyboard features extensive RGB backlighting. Use the following key combinations to control the lighting effects:

- **Fn + \|**: Cycle through 20 dynamic lighting effects.
- **Fn + [ {**: Decrease backlight brightness.
- **Fn + ] }**: Increase backlight brightness.
- **Fn + ; :**: Decrease lighting effect speed.
- **Fn + ' "**: Increase lighting effect speed.
- **Fn + Enter**: Change backlight color (for static modes).

# GORGEOUS FULL SPECTRUM BACKLIGHT

 19 LIGHTS EFFECT

 BRIGHTNESS ADJUSTMENT

 4 BRIGHTNESS LEVELS

 TURN ON/OFF



Image: The RedThunder K61 keyboard displaying various vibrant RGB backlight effects.

## 3. Function Key Combinations (Fn)

Due to the compact 61-key layout, many functions are accessed via the **Fn** key in combination with other keys. The secondary functions are often indicated on the keycaps.

- **Fn + A/S/D/W:** Arrow keys (some models may use Fn + I/J/K/L or a dedicated toggle).
- **Fn + Q/W/E/R/T/Y:** Multimedia controls (e.g., Play/Pause, Stop, Previous, Next, Volume Up/Down/Mute). Refer to keycap legends for specific functions.
- **Fn + F1-F12:** Access F-row functions.
- **Fn + Backspace:** Delete function.

### Note on Arrow Keys:

On some compact keyboards, the arrow keys share functions with other keys (e.g., I, J, K, L). To use them as arrow keys, you may need to press **Fn** simultaneously or toggle a specific mode. If your arrow keys are not responding as expected, try pressing **Fn + Right Shift** or **Fn + Ctrl** (right side) to toggle the arrow key mode, or refer to the specific keycap legends for arrow key activation.

## MAINTENANCE

## 1. Cleaning

To clean the keyboard, disconnect it from your computer. Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution. For keycaps, you can gently remove them (if hot-swappable) and clean them separately. Avoid spraying liquids directly onto the keyboard.

## 2. Battery Care

The keyboard features a smart power-saving function that puts it to sleep after 60 seconds of inactivity to conserve battery. To prolong battery lifespan, avoid fully discharging the battery frequently. Recharge when the low battery indicator appears.

## TROUBLESHOOTING

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### • Keyboard not responding in wireless mode:

- Ensure the keyboard is turned ON.
- Check if the 2.4G USB receiver is securely plugged into your computer.
- Verify the keyboard battery has sufficient charge.
- Try re-pairing by pressing **Fn + R**.

### • Keys not registering after sleep mode:

- After the keyboard enters sleep mode, the first key press may wake it up but not register the input. Press the key again to ensure input is registered.

### • RGB backlight not working or stuck:

- Ensure the keyboard is powered on and charged.
- Try cycling through lighting effects using **Fn + \**.
- Adjust brightness using **Fn + [** and **Fn + ]**.

### • Arrow keys not functioning as expected:

- On 60% keyboards, arrow keys often share functions. Ensure you are using the correct **Fn** combination to activate them (e.g., **Fn + I/J/K/L** or a dedicated toggle key if indicated on your specific model).

### • Keyboard not recognized in wired mode:

- Ensure the USB-C cable is fully inserted into both the keyboard and the computer.
- Try a different USB port on your computer.
- Test with a different USB-C cable if available.

## SPECIFICATIONS

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Feature	Detail
Brand	RedThunder
Model Name	K61
Connectivity Technology	2.4G Wireless, Wired (USB-C)

Number of Keys	61
Switch Type	Blue Switch
Backlight	True RGB (16.8 million colors, 20 dynamic presets)
Battery Capacity	1850mAh
Material	Polybutylene Terephthalate (PBT Keycaps)
Item Weight	649 Grams
Compatible Devices	PC, Gaming Console
Compatible Operating System Family	Windows

## **WARRANTY AND SUPPORT**

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For warranty information or technical support, please refer to the documentation included with your purchase or visit the official RedThunder website. Keep your proof of purchase for any warranty claims.