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RedThunder K65

RedThunder K65 Wireless Mechanical Gaming Keyboard User Manual

Model: K65

INTRODUCTION

Thank you for choosing the RedThunder K65 Wireless Mechanical Gaming Keyboard. This manual provides detailed instructions to help you set up, operate, and maintain your keyboard, ensuring optimal performance and longevity. Please read this manual thoroughly before using the product.



Image: The RedThunder K65 Wireless Mechanical Gaming Keyboard, showcasing its compact design and vibrant RGB backlighting.

PACKAGE CONTENTS

Please check the package for the following items:

- RedThunder K65 Keyboard x 1
- USB Type-C Cable x 1
- Spare Switches x 4
- 2.4G Wireless Dongle x 1

- Keycap Puller x 1
- User Manual x 1



Image: An overhead view of all items included in the RedThunder K65 keyboard package.

PRODUCT OVERVIEW

The RedThunder K65 is a 65% compact mechanical keyboard featuring triple-mode connectivity, a gasket-mounted design, hot-swappable switches, and full RGB backlighting. It includes a multi-function CNC knob for convenient control.



Image: An overview graphic of the K65 Mechanical Keyboard, detailing its 65% layout, Gasket Mount, CNC Knob, Dual System compatibility, Full RGB (Side RGB), 4000mAh battery, Hot Swap capability, 3 Modes, PBT Keycaps, and 2-Stage Foot Mat.

Gasket Structure

The keyboard features a five-layer gasket structure designed for effective noise reduction and a softer typing experience. This design contributes to a more even keystroke feel and full-key anti-ghosting.

Gasket Structure

5 layers for effective noise reduction

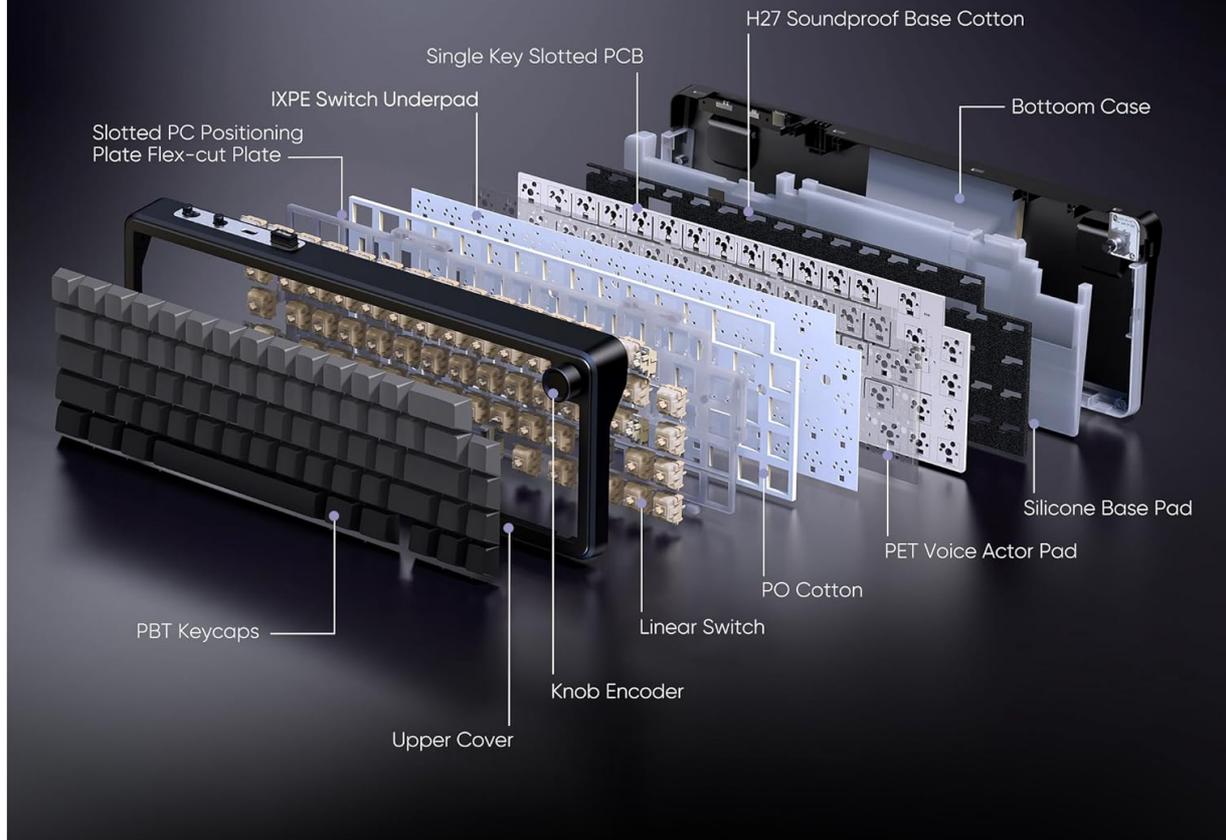


Image: An exploded view diagram showing the internal components and five-layer sound attenuation of the keyboard's gasket structure.

Hot-Swappable Switches

The K65 keyboard supports 3-pin or 5-pin mechanical switches, allowing for easy replacement without soldering. It comes with pre-lubricated linear switches for smooth typing.

Hot Swappable Keyboard

Support 3PIN/5PIN mechanical switches



Image: A close-up of the keyboard demonstrating a removed keycap and switch, highlighting the hot-swappable socket and included pre-lubed switches.

SETUP

Connectivity Modes

The RedThunder K65 keyboard offers three connection modes: Wired (USB-C), 2.4GHz Wireless, and Bluetooth (BT). Ensure the system switch (Windows/Mac) and connection mode switch on the top of the keyboard are in the correct positions before use.

3 Mode Multi Devices Connection

Mac/Windows System Available

Note: Check system switch and connection mode switch positions before use.



Image: The side of the RedThunder K65 keyboard showing the USB-C port, 2.4GHz wireless dongle slot, and Bluetooth switch.

1. **Type-C Wired:** Connect the keyboard to your device using the provided USB Type-C cable.
2. **2.4GHz Wireless:** Insert the 2.4G wireless dongle into your device's USB port. The keyboard will connect automatically.
3. **Bluetooth (BT):** Press FN+Q/W/E to switch between BT1, BT2, or BT3 devices. Refer to the pairing instructions below.

Bluetooth Pairing

- Toggle the connection mode switch to BT.
- Press and hold **FN + Q** (for BT1), **FN + W** (for BT2), or **FN + E** (for BT3) for 3-5 seconds until the corresponding key's backlight flashes rapidly, indicating pairing mode.
- On your device (computer, tablet, smartphone), search for Bluetooth devices and select "RedThunder K65".
- Once connected, the key's backlight will stop flashing and remain steadily lit.

System Compatibility

The keyboard supports both Windows and macOS operating systems. Use the system switch located on the top edge of the keyboard to select the appropriate mode for your device.

OPERATING INSTRUCTIONS

Multi-function Control Knob

The CNC knob on the top right of the keyboard has dual functionality:

- **Switching Modes:** Long press the knob for approximately 5 seconds to switch between Gaming Mode and Office Mode.
- **Gaming Mode:** Rotate the knob to adjust backlight brightness. Click the knob to switch lighting effects.
- **Office Mode:** Rotate the knob to adjust system volume. Click the knob to play or pause media.



Image: A detailed view of the CNC knob and its functions, along with explanations for Caps Lock and Charging indicator lights.

RGB Backlight Control

The keyboard features 1.68 million RGB colors and various lighting modes. Use the following key combinations for control:

- **FN + \|:** Switch backlight mode.
- **FN + PU:** Switch backlight color.
- **FN + ↑:** Increase backlight brightness.

- **FN + ↓**: Decrease backlight brightness.
- **FN + ←**: Slow down backlight speed.
- **FN + →**: Speed up backlight.
- **FN + TAB**: Adjust side lighting modes.
- **CAPS**: Switch side light color (in solid color mode).
- **FN + PD**: Press once for Self-set Game Lighting, press twice for Customized Game Lighting.



Image: The RedThunder K65 keyboard displaying its RGB lighting, with an overlay indicating battery capacity and usage duration.

Official Product Video: RGB Backlight Adjustment

Your browser does not support the video tag.

Video: This video illustrates how to adjust the RGB backlight settings on the RedThunder K65 keyboard, including changing lighting effects, switching light colors, adjusting brightness, and modifying light speed using FN key combinations.

Programmable Software

The RedThunder K65 offers programmable software for advanced customization. This software allows for key remapping, macro definition, and adjustment of backlight effects, including music rhythm backlighting. The software is compatible with Windows 10 and can be used in 2.4G wireless or wired mode.

- Download the K65-US driver from the official RedThunder website.
- Connect the keyboard via 2.4G wireless or wired mode to a Windows 10 PC.
- Use the software to customize key assignments, RGB effects (16 light effects, 10 rhythmic ones), and macro settings.



Image: A screenshot of the RedThunder K65 programmable software interface, showing options for basic settings, key redefinition, RGB effects, rhythmic RGB effects, and macro definition.

MAINTENANCE

Cleaning

- Disconnect the keyboard from your device before cleaning.
- Use the included keycap puller to carefully remove keycaps for thorough cleaning.
- Wipe the keyboard surface with a soft, damp cloth. Avoid excessive moisture.
- Use compressed air to remove dust and debris from between keys.

Battery Care

The keyboard is equipped with a 4000mAh rechargeable Lithium Ion battery.

- Charge the keyboard using the original USB Type-C cable or a qualified data-capable cable.

- Connect to a DC 5V power source (preferably a PC USB port).
- The charging indicator light will flash red when the battery is low, stay red during charging, and turn green/off when fully charged.
- Avoid exposing the battery to extreme temperatures.

TROUBLESHOOTING

- **Keyboard not responding:** Ensure the keyboard is properly connected (wired, 2.4G dongle, or Bluetooth paired). Check battery level and charge if necessary.
- **Bluetooth connection issues:** Ensure the keyboard is in pairing mode (FN+Q/W/E flashing). Remove previous pairings from your device and try re-pairing. Ensure the system switch is set correctly.
- **Backlight not working/incorrect:** Check backlight brightness settings (FN+↑/↓). Cycle through lighting modes (FN+|) and colors (FN+PU).
- **Keys not registering:** If specific keys are not working, try replacing the switch using the included spare switches and keycap puller.
- **Software not detecting keyboard:** Ensure the keyboard is connected via wired or 2.4G wireless mode to a Windows 10 PC. Reinstall the driver software if needed.

Official Product Video: K65 Mechanical Gaming Keyboard Overview

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Video: This video demonstrates the RedThunder K65 Mechanical Gaming Keyboard's features, including its sound-shock absorbing foams, triple-mode connection, side-printed PBT keycaps, side lighting, gasket structure, RGB backlight, volume adjustment, light adjustment via knob, hot-swappable switches, 65% layout, two-stage foot support, and driver software for key definitions and light settings.

Official Product Video: K65 Gasket Gaming Keyboard Typing Sound

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Video: This video showcases the typing experience on the RedThunder K65 Gasket Mechanical Keyboard, highlighting the sound and feel of the keys.

SPECIFICATIONS

Feature	Detail
Product Dimensions	12.8 x 4.72 x 1.66 inches
Item Weight	2.16 pounds
Connectivity Technology	2.4G Wireless, Bluetooth, USB-C
Keyboard Description	Compact Mechanical Multimedia Programmable RGB Backlit Keyboard
Special Features	Backlit, Hot-Swappable, Programmable Keys, Rechargeable
Keyboard Backlighting	RGB
Battery	1 Lithium Ion battery required (included), 4000mAh
Compatible Devices	Laptop, PC, Smartphone, Tablet

WARRANTY AND SUPPORT

For warranty information, technical support, or further assistance, please refer to the warranty card included in your product packaging or visit the official RedThunder website. You may also contact RedThunder customer service directly through their official channels.