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› [Redragon K521KS Tri-Mode Wireless Gaming Keyboard Instruction Manual](#)

Redragon K521KS

Redragon K521KS Tri-Mode Wireless Gaming Keyboard Instruction Manual

Model: K521KS

INTRODUCTION

This manual provides detailed instructions for the Redragon K521KS Tri-Mode Wireless Gaming Keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. The K521KS keyboard offers versatile connectivity options, customizable RGB backlighting, and features designed for gaming and productivity.

SETUP GUIDE

1. Initial Charging

Before first use, fully charge the keyboard using the provided USB-C cable. Connect the USB-C end to the keyboard and the USB-A end to a power source (e.g., computer USB port, USB wall adapter). The charging indicator will show the charging status.

2. Connection Modes

The Redragon K521KS supports three connection modes: USB-C Wired, 2.4GHz Wireless, and Bluetooth Wireless.



Image: Overview of the Redragon K521KS keyboard highlighting its three connection modes: USB-C, 2.4GHz wireless with a dongle, and Bluetooth.

USB-C Wired Connection:

Connect the keyboard directly to your computer using the USB-C cable. The keyboard will be recognized automatically and is ready for use. This mode also charges the keyboard.

2.4GHz Wireless Connection:

1. Locate the 2.4GHz USB dongle, usually stored in a compartment on the keyboard.
2. Plug the USB dongle into an available USB port on your computer.
3. Turn on the keyboard and select the 2.4GHz mode (refer to the keyboard's mode switch or indicator). The keyboard should connect automatically.

Bluetooth Wireless Connection:

The K521KS supports connecting up to five Bluetooth devices simultaneously.

1. Ensure the keyboard is in Bluetooth pairing mode (refer to the keyboard's specific key combination for Bluetooth pairing, often FN + BT1/BT2/BT3).
2. On your device (PC, tablet, etc.), enable Bluetooth and search for new devices.
3. Select "Redragon K521KS" or a similar name from the list of available devices to pair.
4. To switch between paired Bluetooth devices, use the designated FN key combinations (e.g., FN+BT1, FN+BT2, FN+BT3).

OPERATING INSTRUCTIONS

1. RGB Backlighting Control

The keyboard features multiple RGB backlighting modes and customization options.



Image: The Redragon K521KS keyboard showcasing its RGB backlighting with various colors.

- **Adjust RGB Backlight Mode:** Press **FN + INS** to cycle through 8 different RGB backlighting modes and 7 monochrome colors.
- **Adjust Backlight Brightness:** Press **FN + Up Arrow** to increase brightness, **FN + Down Arrow** to decrease brightness.
- **Adjust Backlight Speed:** Press **FN + Left Arrow** to decrease animation speed, **FN + Right Arrow** to increase animation speed.
- **Turn Lights On/Off:** Use the dedicated light control key or a specific FN combination if available.

2. Multimedia Combination Keys

The K521KS keyboard includes 12 multimedia keys accessible via the **FN** key for enhanced control over media and system functions.

COMFORTABLE DURING GAMING & WORKING

Mechanical Feeling Keyboard Gaming



Image: Diagram illustrating the FN key combinations for multimedia controls on the Redragon K521KS keyboard.

Key Combination	Function
FN + F1	Media Player
FN + F2	Volume -
FN + F3	Volume +
FN + F4	Mute
FN + F5	Stop
FN + F6	Previous Track
FN + F7	Play/Pause
FN + F8	Next Track
FN + F9	E-mail
FN + F10	Home Page

Key Combination	Function
FN + F11	Lock Keyboard
FN + F12	Calculator

3. Programmable Software

The Redragon K521KS keyboard supports programmable software for advanced customization of RGB lighting, key functions, and macros. This allows users to personalize their keyboard settings.

- **Software Download:** The official software can be downloaded from the Redragon website: redragon.com.
- **Customization Options:** Use the software to:
 - Edit RGB lighting effects and colors.
 - Remap key functions.
 - Create and assign macros.

4. Anti-Ghosting and Win Lock

The keyboard features 25-key anti-ghosting to ensure that multiple key presses are registered accurately, which is crucial for gaming. It also includes a Windows key lock function.

EFFICIENT & CONVENIENT

12 Multimedia function, One-click trigger



Image: The Redragon K521KS keyboard illustrating the 25-key anti-ghosting feature and the FN+WIN key combination to lock the Windows key.

- **Anti-Ghosting:** The 25-key anti-ghosting ensures that simultaneous key presses are registered correctly, preventing input conflicts during intense gaming sessions.
- **Windows Key Lock:** Press **FN + WIN** to lock or unlock the Windows key. Locking the Windows key prevents accidental presses that could interrupt gameplay.

5. Ergonomic Design

The Redragon K521KS keyboard is designed with user comfort in mind, featuring a foldable stand to adjust the typing angle.



Image: The side view of the Redragon K521KS keyboard with its foldable stand extended, illustrating the ergonomic design.

- **Foldable Stand:** Utilize the integrated foldable stand at the rear of the keyboard to elevate the typing angle, reducing wrist strain during prolonged use.

BATTERY INFORMATION

The Redragon K521KS keyboard is equipped with a built-in 4000mAh high-capacity rechargeable battery, providing extended usage time in wireless modes.

EXCELLENT BATTERY LIFE

The 4000 mAh long-lasting battery eliminates battery anxiety.

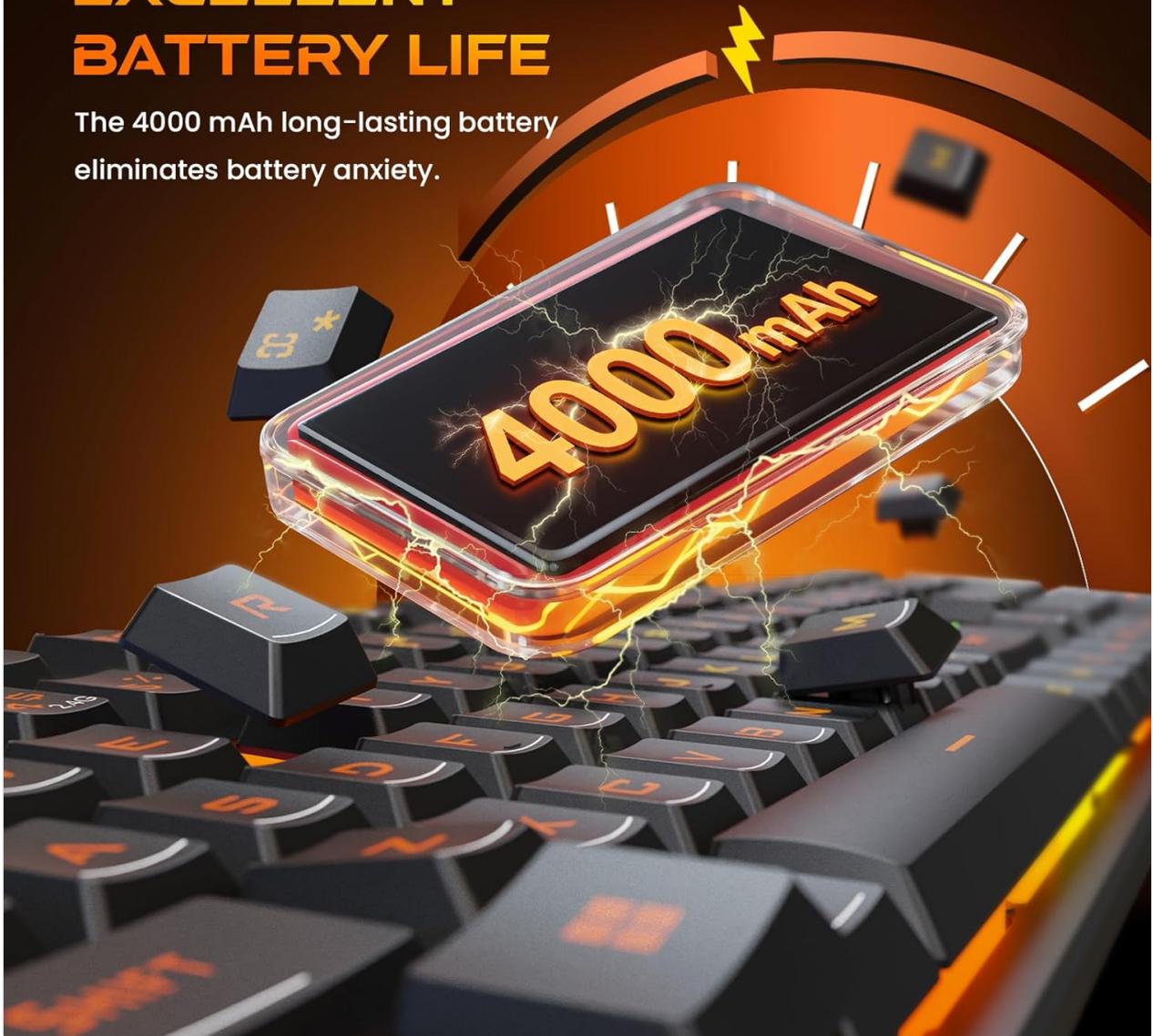


Image: Visual representation of the keyboard's 4000mAh battery capacity.

- **Battery Capacity:** 4000mAh.
- **Charging:** Charge the keyboard using the supplied USB-C cable. Connect to a powered USB port.
- **Battery Indicator:** The keyboard features an indicator light to show battery status and charging progress. Refer to the specific indicator behavior in the quick start guide for details.
- **Power Saving:** To conserve battery life, the keyboard may enter a sleep mode after a period of inactivity. Press any key to wake it up.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your Redragon K521KS keyboard.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the keyboard. For deeper cleaning, you may use a slightly damp cloth with mild soap, ensuring no liquid enters the keyboard.
- **Keycap Cleaning:** Keycaps can be carefully removed for thorough cleaning. Use a keycap puller (if provided) or gently pry them off. Clean keycaps with water and mild soap, then ensure they are completely

dry before reattaching.

- **Dust Removal:** Use compressed air to remove dust and debris from between the keys.
- **Storage:** When not in use for extended periods, store the keyboard in a dry, cool place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues with your Redragon K521KS keyboard, refer to the following common solutions:

1. 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.

2. Keyboard Not Responding (2.4GHz Wireless Mode):

- Ensure the 2.4GHz USB dongle is properly inserted into a USB port.
- Verify the keyboard is switched to 2.4GHz mode.
- Check the keyboard's battery level and charge if necessary.
- Try re-pairing the keyboard with the dongle (refer to the quick start guide for specific re-pairing instructions).

3. Keyboard Not Responding (Bluetooth Mode):

- Ensure Bluetooth is enabled on your device and the keyboard is in Bluetooth mode.
- Check the keyboard's battery level.
- Try unpairing and re-pairing the keyboard with your device.
- Ensure you are selecting the correct Bluetooth channel (BT1, BT2, BT3) on the keyboard.

4. RGB Backlighting Not Working or Incorrect:

- Ensure the backlight is turned on (check FN key combinations).
- Cycle through different RGB modes using **FN + INS**.
- Adjust brightness using **FN + Up/Down Arrow**.
- If using programmable software, ensure settings are correctly applied and saved.
- *Note:* Some users report that lighting settings may reset after power cycling the computer. This is a known characteristic for some models without persistent memory for lighting settings.

5. Keys Not Registering or Double-Typing:

- Clean under the affected keycaps to remove any debris.
- Ensure the keyboard firmware is up to date (check Redragon website).

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Model Number	K521KS
Connectivity Technology	USB-C, 2.4GHz Wireless, Bluetooth
Keyboard Description	Gaming Keyboard
Switch Type	Mechanical Feeling
Battery Capacity	4000mAh (1 Nonstandard Battery included)
Special Features	RGB Backlit, Anti-Ghosting (25 Keys), Multimedia Keys, Programmable Software
Compatible Devices	PC
Color	Black
Material	Plastic
Item Weight	1.83 pounds
Package Dimensions	17.87 x 6.42 x 1.65 inches
Manufacturer	Redragon

WARRANTY AND SUPPORT

Redragon products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please visit the official Redragon website or contact their customer support directly.

- **Official Website:** www.redragon.com
- **Customer Support:** Refer to the "Support" or "Contact Us" section on the official website for contact details.