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SOLAKAKA K21

SOLAKAKA K21 RGB Tri-Mode Wireless Mechanical Number Pad User Manual

Model: K21

1. Product Overview

The SOLAKAKA K21 is a versatile 21-key mechanical number pad featuring tri-mode connectivity (Bluetooth, 2.4GHz wireless, and Type-C wired), RGB backlighting, and hot-swappable switches. It is designed for compatibility with various devices including PCs, laptops, MacBooks, and mobile phones.

Image 1.1: Overview of the SOLAKAKA K21 Mechanical Number Pad.

Image 1.2: Visual representation of the K21's main features.

2. Package Contents

Please verify that all items are present in the package:

- SOLAKAKA K21 Mechanical Number Pad
- USB Type-C Cable
- 2.4GHz USB Dongle
- Customization Software (downloadable)

3. Setup and Connection

The K21 number pad supports three connection modes: 2.4GHz wireless, Bluetooth, and wired via USB Type-C. It can save up to 5 devices simultaneously.

Image 3.1: Illustration of the three connection modes and key combinations.

3.1. 2.4GHz Wireless Connection

1. Insert the 2.4GHz USB dongle into an available USB port on your computer.
2. On the K21 number pad, press **FN + 0** to switch to 2.4GHz mode. The indicator light will confirm the connection.

3.2. Bluetooth Connection

The K21 supports up to three Bluetooth connections (BT1, BT2, BT3).

1. On the K21 number pad, press **FN + 1** (for BT1), **FN + 2** (for BT2), or **FN + 3** (for BT3) to select a Bluetooth channel.
2. Hold down the selected **FN + (1/2/3)** key combination for 3-5 seconds until the indicator light flashes rapidly, indicating pairing mode.
3. On your device (PC, laptop, MacBook, mobile phone), navigate to Bluetooth settings and search for "K21" or a similar device name.
4. Select the K21 to pair. The indicator light on the number pad will become solid once connected.

3.3. Wired Connection

1. Connect the provided USB Type-C cable to the K21 number pad and to an available USB port on your computer.
2. The number pad will automatically switch to wired mode. No additional drivers are typically required.

4. Operation

4.1. RGB Backlighting

The K21 features 18 RGB lighting effects. These can be cycled through and adjusted using specific key combinations. Refer to the keycap legends for specific lighting control functions, often accessed via the **FN** key in combination with other keys.

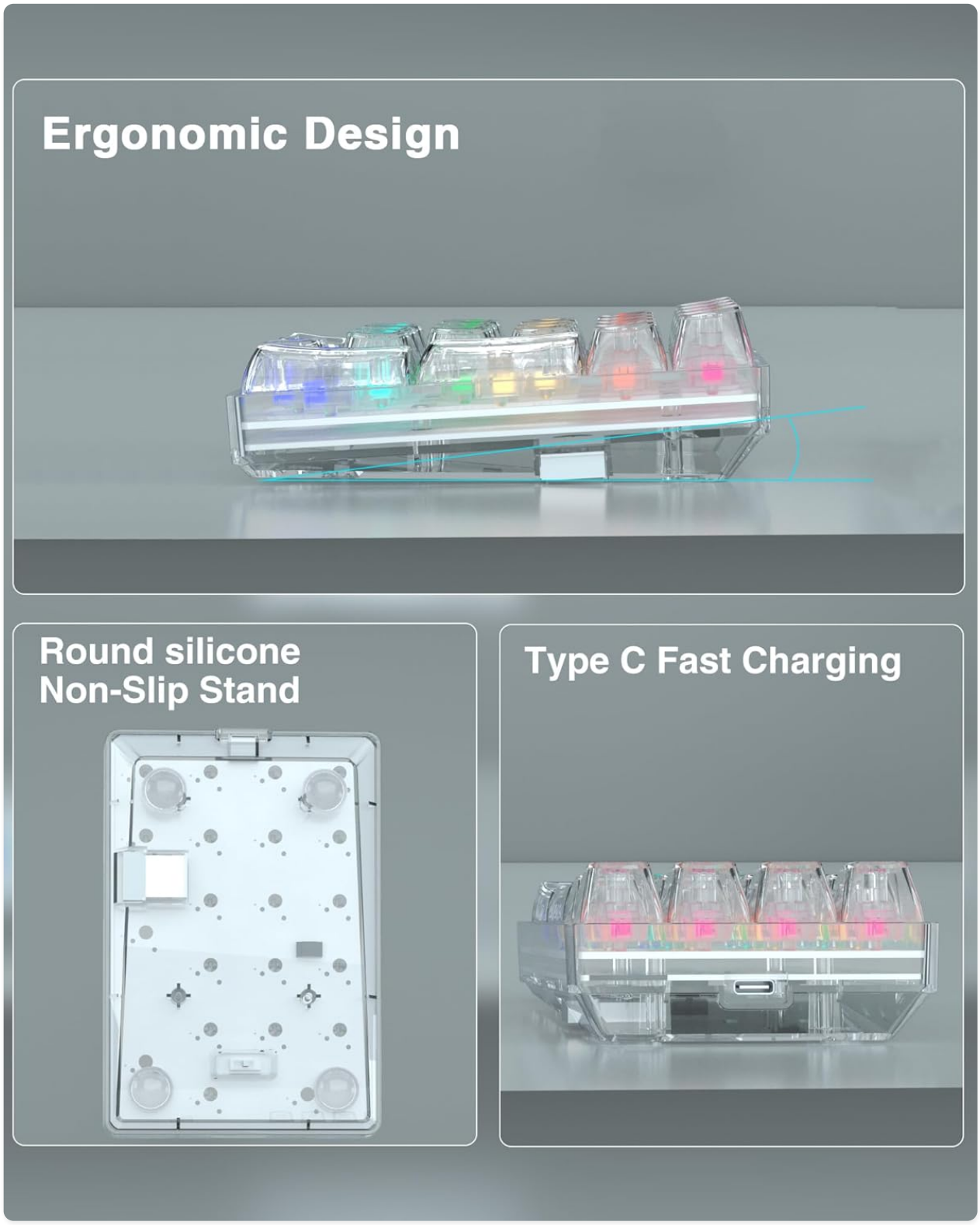

Image 4.1: Examples of RGB lighting effects on the K21 number pad.

4.2. Customization Software

The K21 supports macro settings and personalized keyboard customization through dedicated software. This software allows users to remap keys, create macros, and adjust lighting effects.

Image 4.2: Interface of the K21 customization software.

To download the software:

1. Visit the official download page:bit.ly/m/solakaka
2. Select the "K21" model.
3. Download and install the provided software.

The software is compatible with Windows 7, 8, 10, XP, VISTA, and MAC OS. Basic functionality does not require the software, but it is necessary for advanced customization.

5. Hot-Swappable Switches

The K21 features a 3-pin and 5-pin hot-swappable design, compatible with Cherry-style switches. This allows users to easily replace both keycaps and mechanical switches to customize the typing feel and sound according to personal preference.

Image 5.1: The hot-swappable design of the K21, showing removable keycaps and switches.

5.1. Replacing Switches

1. Gently remove the keycap using a keycap puller (not included).
2. Use a switch puller (not included) to carefully extract the existing switch from the PCB.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place. Ensure pins are not bent.

4. Re-attach the keycap.

6. Maintenance

6.1. Cleaning

- Disconnect the number pad from your device before cleaning.
- Use a soft, dry cloth to wipe the surface of the number pad.
- For deeper cleaning, remove keycaps and use compressed air to clear debris from between switches.
- Avoid using harsh chemicals or abrasive materials.

6.2. Battery Care

- The K21 uses a built-in Lithium Ion battery.
- Charge the device using the provided USB Type-C cable.
- Avoid exposing the battery to extreme temperatures.

7. Troubleshooting

7.1. Connectivity Issues

- **Number pad not connecting via 2.4GHz:** Ensure the USB dongle is securely plugged in and the number pad is set to 2.4GHz mode (**FN + 0**). Try a different USB port.
- **Bluetooth pairing failure:** Ensure the number pad is in pairing mode (rapidly flashing indicator light after holding **FN + 1/2/3**). Remove previous pairings from your device's Bluetooth list and try again. Ensure the number pad is charged.
- **Delayed response in wireless modes:** This can sometimes occur after periods of inactivity as the device wakes from sleep mode. Ensure the number pad is fully charged.

7.2. Keys Not Responding

- **Individual keys not working:** Check if the switch is properly seated. If you have hot-swappable switches, try reseating or replacing the affected switch.
- **All keys not working:** Ensure the number pad is powered on and properly connected (wired, 2.4GHz, or Bluetooth). Check battery level if in wireless mode.

7.3. RGB Lighting Issues

- **Lights not turning on:** Ensure the number pad is powered on. Check if the lighting is turned off or dimmed via key combinations.
- **Inconsistent lighting:** Ensure the customization software is not overriding settings. Try resetting the lighting effects.

8. Specifications

Model	K21
Connectivity Technology	Bluetooth (BLE), 2.4GHz Wireless, USB Type-C Wired
Number of Keys	21

Switch Type	Ice Crystal Switch (Hot-Swappable)
Backlighting	18 RGB Lighting Effects
Compatible Devices	PCs, Laptops, MacBooks, Mobile Phones
Power Source	Battery Powered (1 Lithium Ion battery included)
Item Weight	12.8 ounces
Package Dimensions	6.97 x 6.61 x 2.2 inches

Image 8.1: Design features including ergonomics, non-slip feet, and Type-C charging port.

9. Warranty and Support

SOLAKAKA is committed to providing satisfactory after-sales service. For any questions, technical support, or warranty inquiries, please refer to the official support channels or the website where the customization software is available.
For software downloads and support information, please visit:bit.ly/m/solakaka

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Related Documents - K21

	SOLAKAKA SK61 61-Key Mechanical Keyboard User Manual Comprehensive user manual for the SOLAKAKA SK61 61-Key Three-Mode Mechanical Keyboard, detailing features, connectivity options (Wired, 2.4G, Bluetooth), extensive FN key functions, multimedia controls, RGB lighting customization, product specifications, and charging instructions.
	Solakaka SM600 Dual Mode Wireless Photoelectric Mouse User Manual User manual for the Solakaka SM600, a dual-mode wireless photoelectric mouse with 2.4GHz and Bluetooth 5.1 connectivity, ergonomic design, and customizable lighting.
	EPOMAKER x LEOBOG K21 Numpad Quick Start Guide Learn how to set up and use your EPOMAKER x LEOBOG K21 20% Hot-Swappable Numpad. This guide covers connectivity options (2.4G, Bluetooth, Type-C), function key combinations, FN key indicators, secondary functions, and detailed specifications.
	KLIM K21 Laptop Cooling Pad Quick Start Guide Get started quickly with the KLIM K21 laptop cooling pad. This guide provides step-by-step instructions for setup, fan speed adjustment, and light mode control.
	LIRDAY K21 Wireless Lavalier Microphone User Manual User manual for the LIRDAY K21 Wireless Lavalier Microphone system, providing instructions on setup, operation, specifications, and FCC compliance information.
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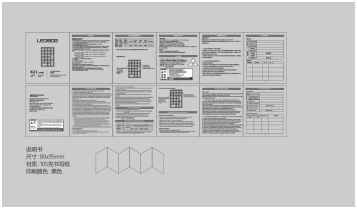

[pdf] User Manual

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FN 1=1 1/2s BT3.0BT5.0 FN 2=2 2/2s BT3.0BT5.0 FN 3=3 3/2s BT3.0BT5.0 Fn NUMNUM 5 NUM open when the NUM light white light Low voltage FN key on the red light flashing prompts, charging red light always on prompts, full extinguish FN 1 = Bluetooth 1 1 key blue light indication long press channel b...

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