EPOMAKER K81 Type C Mechanical Keyboard

EPOMAKER K81 Type C Mechanical Keyboard Instruction Manual

Contents

EPOMAKER K81 Type C Mechanical Keyboard

EPOMAKER x LEBOG K81 Quick Start Guide

Introduction
The EPOMAKER x LEBOG K81 is a 75% hot-swappable RGB mechanical keyboard with 2.4GHz, Bluetooth 5.0, and Type-C connectivity. For assistance, email **support@epomaker.com**.

Basic Function

- **FN + ESC (Hold 3s):** Reset the keyboard to factory settings
- **FN + Q:** Android Mode
- **FN + W:** Windows Mode
- **FN + E:** Mac Mode
- **FN + R:** iOS Mode
- **FN + WIN (Windows Mode Only):** Win Lock
- **FN + U (Windows Mode Only):** Print Screen
- **FN + I (Windows Mode Only):** Scroll Lock
- **FN + O (Windows Mode Only):** Pause

Light Effects

- **FN + BACKSPACE:** Turn on/off knob light
- **FN + \|:** Toggle backlight effects
- **FN + TAB:** Toggle backlight colors
- **FN + ↑:** Backlights brightness +
- **FN + ↓:** Backlights brightness –
- **FN + →:** Backlights speed +
- **FN + ←:** Backlights speed –

Knob Functions
Press knob for 3-5s to switch between Gaming Mode and Office Mode.

- **Gaming Mode:** Knob light keeps breathing
    - Short Press Knob: Toggle backlight effects

- Rotate Right: Backlight brightness +
- Rotate Left: Backlight brightness –
- **Office Mode:** Knob light stays on
    - Short Press Knob: Mute
    - Rotate Right: Volume +
    - Rotate Left: Volume –

Pairing Bluetooth

1. Toggle the switch to BT mode. Hold FN+1/2/3# for 3-5 seconds until the key blinks fast in blue. The keyboard is ready to pair.
2. Turn on your Bluetooth device and find "K81-BT 3.0/5.0", then connect. The indicator stops flashing when connected.
3. Press FN+1/2/3# to toggle between Bluetooth devices 1/2/3.

Pairing Wireless 2.4GHz

1. Toggle the switch to 2.4G mode. Hold FN+~ for 3-5 seconds until the key blinks fast in green. The keyboard is ready to connect.
2. Insert the 2.4G dongle to your device. The connection is done when the indicator stops.

Wired Mode
Toggle the switch in the middle and plug in. The 4S key lights in white for 2s, and the connection is done.

Indicator Light

- Capslock Indicator
- ScrLK Indicator
- Winlock Indicator

FN Key

- Red light blinks: Low battery
- Red light stays on: Charging
- No light: Fully charged

*Note: Charging time takes around 7.5h. Hold FN Key, the corresponding key lights up to show the current mode (Bluetooth 1/2/3 or 2.4G).

Specifications

Brand	EPOMAKER x LEBOG
Model	K81
Key Amounts	81 Keys
Mounting Type	Gasket
Stabilizer Type	Plate-mounted
Case Material	Acrylic
Plate Material	PC
PCB Type	3/5-pin Hotswap PCB
Connectivity	Type-C Wired, Bluetooth, 2.4G Bluetooth
Anti-Ghost Key	NKRO in all modes
Polling Rate	1000hz in USB & 2.4G modes; 125hz in Bluetooth mode
Battery Capacity	3000mAh
OS Compatibility	Windows/MacOS/Android/iOS
Dimension	335x142x45 mm
Weight	Around 1.08kg

Replacing Keycaps and Switches
For a full guide on how to remove keycaps and switches, scan the QR Code or visit: **Guide**

- Before installing switches, ensure the pins are clean and straight.
- Push straight down. Be gentle and ensure pins are aligned with the slots.

Technical Assistance
For technical assistance, email **support@epomaker.com** with your purchase order number and a detailed description of your issue. Responses are typically within 24 hours.

Community Forums
Join our community to learn with other keyboard enthusiasts:

- **Discord**
- **Reddit**

Warranty
EPOMAKER's warranty covers factory defects affecting functionality. It does not cover normal wear and tear. Defective units may require replacement. The warranty is valid for 1 year when purchased from our website. Items bought from other resellers are not covered.

FAQ

- **How do I reset the keyboard to factory settings?**
  Press FN + ESC and hold for 3 seconds.
- **How do I switch between Bluetooth devices?**

Press FN + 1/2/3# to toggle between devices.

- **What should I do if the battery is low?**

The red light will blink. Charge the keyboard using the provided cable.

EPOMAKER x LEOBOG K81

75% Hot-swappable RGB 2.4Ghz / Bluetooth 5.0 / Type-C Mechanical Keyboard
Should you require more assistance please email us at **support@epomaker.com**

BASIC FUNCTION

FN + ESC (Hold 3s)	Reset the Keyboard to the Factory Setting	**FN + Q**	Long Press to Pair Device BT1; Short Press to switch among Bluetooth device
FN + Q	Android Mode		
FN + W	Windows Mode	**FN + W**	Long Press to Pair Device BT2; Short Press to switch among Bluetooth device
FN + E	Mac Mode		
FN + R	iOS Mode		
FN + WIN (WINDOWS MODE ONLY)	Win Lock	**FN + E**	Long Press to Pair Device BT3; Short Press to switch among Bluetooth device
FN + U (WINDOWS MODE ONLY)	PrtSc		
FN + I (WINDOWS MODE ONLY)	ScrLK	**FN + R**	Long Press to connect via 2.4G
FN + O (WINDOWS MODE ONLY)	Pause		

LIOHT EFFECTS

FN + BACKSPACE	Turn on/off knob light	**FN + ↑**	Backlights Brightness +
		FN + ↓	Backlights Brightness -
FN + |	Toggle Backlight Effects	**FN + ←**	Backlights Speed -
FN + TAB	Toggle Backlight Colors	**FN + →**	Backlights Speed +

KNOB FUNCTIONS (Presa Knob for 3-158 to switch between Gaming Mode and Office Mode)

GAMING MODE (Knob light keeps breathing)

Short Press Knob	Toggle Backlight Effects
Rotate Right	Backlight Brightness +
Rotate Left	Backlight Brightness -

OFFICE MODE   (Knob light Stays On)

Short Press Knob	Mute
Rotate Right	Volume +
Rotate Left	Volume -

	ANDROID MODE (FN+Q)	WIN MODE (FN+W)	MAC MODE (FN+E)	IOS MODE (FN+R)
F1	Screen Brightness -	F1	Screen Brightness -	Screen Brightness -
F2	Screen Brightness +	F2	Screen Brightness +	Screen Brightness +
F3	Switch Windows	F3	Switch Windows	
F4	Desktop	F4	Desktop	Desktop
F5	Brightness -	F5	Brightness -	Brightness -
F6	Brightness +	F6	Brightness +	Brightness +
F7	Previous Track	F7	Previous Track	Previous Track
F8	Play/Pause	F8	Play/Pause	Play/Pause
F9	Next Track	F9	Next Track	Next Track
F10	Mute	F10	Mute	Mute
F11	Volume -	F11	Volume -	Volume -
F12	Volume +	F12	Volume +	Volume +
FN+F1	F1	Home Page	F1	F1
FN+F2	F2	Mail	F2	F2
FN+F3	F3	Switch Windows	F3	
FN+F4	F4	Explorer	F4	F4
FN+F5	F5	Brightness -	F5	F5
FN+F6	F6	Brightness +	F6	F6
FN+F7	F7	Previous Track	F7	F7
FN+F8	F8	Play/Pause	F8	F8
FN+F9	F9	Next Track	F9	F9
FN+F10	F10	Mute	F10	F10
FN+F11	F11	Volume -	F11	F11
FN+F12	F12	Volume +	F12	F12

PAIRING BLUETOOTH

Toggle the switch to the BT, make sure that the keyboard is under the Bluetooth mode:

1. Hold Fn+ 1!/2@/3# for 3-5 seconds till the key blinks fast in blue, the keyboard is ready to pair.
2. Turn on your Bluetooth device and find "K81-BT 3.0/5.0", then connect. When the keyboard is connected to the Bluetooth device, the indicator stops flashing and the connection is done.
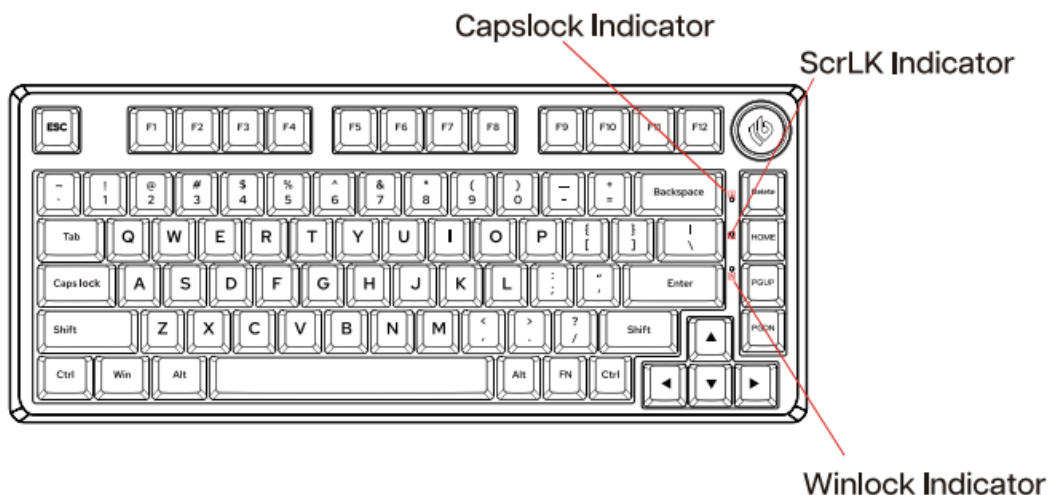3. Press Fn+ 1!/2@/3# to toggle between the Bluetooth devices 1/2/3.

PAIRING WIRELESS 2.4GHZ

1. Toggle the switch to the 2.4G, the·· key blinks, and the keyboard is under the 2.4G mode.
2. Hold Fn+ ·· for 3-5 seconds till the key blinks fast in green, the keyboard is ready to connect.
3. Insert the 2.4G dongle to your device. When the indicator stops, the connection is done.

WIRED MODE
Toggle the switch in the middle and plug-in, the 4$ key lights in white for 2s, and the connection is done.

INDICATOR LIGHT

Capslock Indicator
ScrLK Indicator
Winlock Indicator

FN KEY

- Red light blinks: Low battery
- Red light stays on: Charging
- No light: Fully charged*

*Note: Charging time takes around 7.5h.
Hold Fn Key, the corresponding key lights up to show the current mode (Bluetooth 1/2/3 or 2.4G).
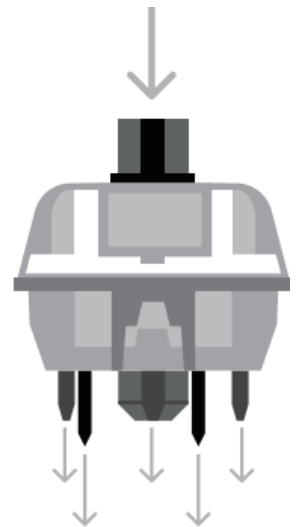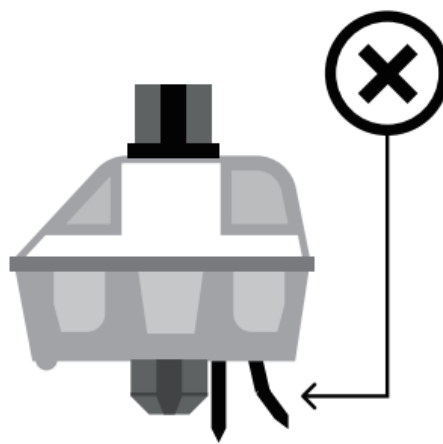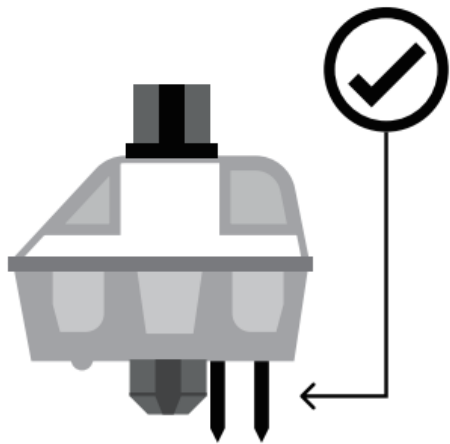
SPECS

- BRAND: EPOMAKER x LEOBOG
- MODEL: K81
- KEY AMOUNTS: 81 Keys

- MOUNTING TYPE: Gasket

- STABILIZER TYPE: Plate-mounted

- CASE MATERIAL: Acrylic

- PLATE MATERIAL: PC

- PCB TYPE: 3/5-pin Hotswap PCB

- CONNECTIVITY: Type-C Wired, Bluetooth, 2.4G Bluetooth

- ANTI-GHOST KEY: NKRO in all modes

- POLLING RATE: 1000hz in USB & 2.4G mode; 125hz in Bluetooth mode

- BATTERY CAPACITY: 3000mAh

- OS COMPATIBILITY: Windows/MacOS/ Android/iOS

- DIMENSION: 335x142x45 mm

- WEIGHT: Around 1.08kg

REPLACING KEYCAPS AND SWITCHES

For a full guide on how to remove keycaps and switches scan the QR Code or type in your browser:
https://epomaker.com/blogs/guides/diy-guide-how-to-remove-and-replace-your-mechanical-keyboard-switches
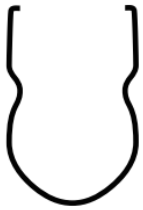
Before installing switches, be sure the pins are clean and straight.

Push Straight Down
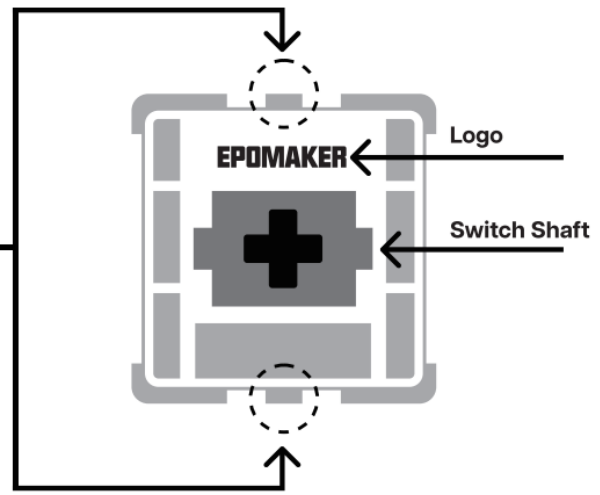Please be gentle. Be sure the pins are aligned with the slots.

Included Tools

Switch Puller

Keycap Puller

Mechanical Switch

Example of a switch as seen from top after you remove the keycap to prepare for switch removal.

EPOMAKER

Logo

Switch Shaft

The Switch Puller tool aligns Vertically to the Switch to unclip the plastic securing the switch to the plate.

Remove Switches

1. Grab your Switch Removal Tool and align the gripping teeth vertically {on the Y-Axis) at the center of the switch, as shown in the example graphic above.
2. Grab the switch with the Switch Puller and apply pressure until the switch releases itself from the plate.
3. Using firm but gentle force pull the switch away from the keyboard using a vertical motion.

The Switch Puller tool aligns Vertically to the Switch to unclip the plastic securing the switch to the plate.

Install Switches

1. Check that all the switch metallic pins are pertectly straight and clean.
2. Align the switch vertically to have the Gateron logo facing north. The pins should align themselves to the keyboard PBC.
3. Press the switch down until you hear a click. This means your switch clips have attached themselves to the keyboard plate.
4. Inspect the switch to ensure it's properly attached to your keyboard, and test it.

Note: If the key doesn't work its possible you may have bent one of the switches while installing it. Pull the switch out and repeat the process.

Pins may be damaged beyond repair and need replacement if this process is not done correctly. Never apply excessive force when replacing keycaps or switches. If you cannot remove or install keycaps or switches please contact customer service as soon as possible to avoid damage to the keyboard due to operating errors.
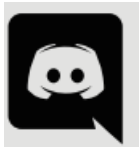
TECHNICAL ASSISTANCE

For technical assistance, please email to **support@epomaker.com** with your purchase order number and a detailed description of your issue.
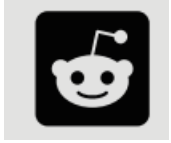We normally respond to enquiries within 24 hours. If you purchased your keyboard from a distributor or not from any official store of Epomaker, please contact them directly for any additional help.

COMMUNITY FORUMS

Join our community and learn together with other keyboard enthusiasts.

https://discord.gg/2q3Z7C2

https://www.reddit.com/r/Epomaker/

WARRANTY

EPOMAKER's Warranty covers any factory defects that might affect the proper functionality of your purchase. It doesn't cover any damage that may occur from normal wear and tear. If your product is defective we will send you a replacement unit. Replacement units might require you to send the defective unit back to Epomaker.
We provide a 1 year warranty for our products when bought from our website (**EPOMAKER.com**). Your item will not be covered by your 1 year warranty if the inspection shows any sign of modification or changes unsupported by the original product, these include: Changing internal components, Assembling and reassembling the product, Replacing Batteries, etc.
We will ONLY cover the item if it is bought from our official stores. You do not have a warranty with us if you bought the item from another reseller or likewise. Please contact the store that you bought your product from to resolve issues.

Made in China

- **Manufacturer:** Shenzhen Changyun Technology Co., Ltd.
- **Address:** Seventh Floor, Kai Daer Building, No.168 Tongsha Road, Xiii Street, Nanshan Disctrict, Shenzhen,Guangdong, CN
- **Email: support@epomaker.com**
- Web: **www.epomaker.com**

APEX CE SPECIALISTS GMBH
Habichtweg 1 41468 Neuss Germany
Contact Wells Van E-mail: **info@apex-ce.com**

APEX CE SPECIALISTS LIMITED
89 Princess Street, Mancheste, M1 4HT, UK
Contact Wells Yan E-mail: **info@apex-ce.com**

Documents / Resources

EPOMAKER × LEOBOG K81	**EPOMAKER K81 Type C Mechanical Keyboard** [pdf] Instruction Manual K81 Type C Mechanical Keyboard, K81, Type C Mechanical Keyboard, Mechanical Keyboard, Keyboard

References

- **User Manual**