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› EPOMAKER SKYLOONG SK64 64 Keys Hot Swappable Mechanical Keyboard User Manual

EPOMAKER SK64

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INTRODUCTION

This manual provides detailed instructions for the EPOMAKER SKYLOONG SK64 mechanical keyboard. It covers setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. The SK64 is a compact 60% layout keyboard featuring hot-swappable Gateron Optical Switches, PBT keycaps, and customizable RGB backlighting.

KEY FEATURES

- **60% Layout with Dedicated Arrow Keys:** Compact design integrating four separate arrow keys.
- **Hot-Swappable Gateron Optical Switches:** Allows for easy switch replacement without soldering.
- **PBT Thermal Sublimation Keycaps:** High abrasive resistance and oil-proof for long-lasting legends.
- **IP6X Dustproof Mainboard:** Enhanced durability and protection against dust.
- **16 Million RGB Backlight:** Customizable lighting effects with software support and musical rhythm mode.
- **Dual Mode Connectivity:** Bluetooth 5.1 wireless and USB Type-C wired connection (SK64S model).
- **Win+Mac Layout Support:** Easily switch between Windows and Mac operating system layouts.
- **N-Key Rollover (NKRO) and Anti-Ghosting:** Ensures all key presses are registered accurately.
- **Three Programmable Layers:** FN1/FN2/FN3 user-defined modes with onboard FLASH memory.

WHAT'S IN THE BOX

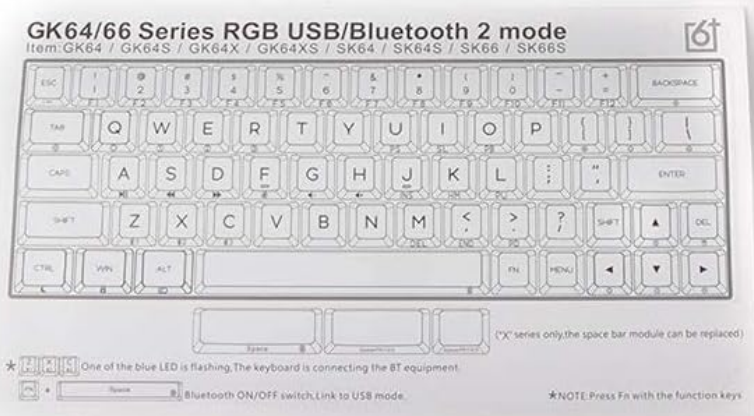


Image: The contents of the EPOMAKER SKYLOONG SK64 keyboard box, including the keyboard, Mac keycaps, keycap puller, switch puller, and USB-C cable.

- EPOMAKER SKYLOONG SK64 Mechanical Keyboard
- Mac Keycaps
- Keycap Puller
- Switch Puller
- USB-C Cable

SETUP

Wired Connection

1. Connect the provided USB-C cable to the Type-C port on the keyboard.
2. Plug the other end of the USB-C cable into an available USB port on your computer.
3. The keyboard will be automatically recognized by your operating system.



NO Bluetooth



Image: The EPOMAKER SKYLOONG SK64 keyboard with a USB-C cable connected, illustrating wired mode.

Bluetooth Wireless Connection (SK64S Model Only)

Note: The base SK64 model does not support Bluetooth. This section applies only to the SK64S model.

1. Ensure the keyboard is charged or connected via USB-C initially.
2. Turn on the Bluetooth switch on the keyboard (if available on your model).
3. On your computer or device, enable Bluetooth and search for new devices.
4. Select 'SK64S' from the list of available devices to pair.
5. The keyboard's indicator light will confirm successful pairing.

OPERATING INSTRUCTIONS

Switching Between Windows and Mac Layouts

Press the designated keys to switch between Windows and Mac layouts. Refer to the included Mac keycaps for specific key assignments.

64XS(Grey,Red,White)Key cap

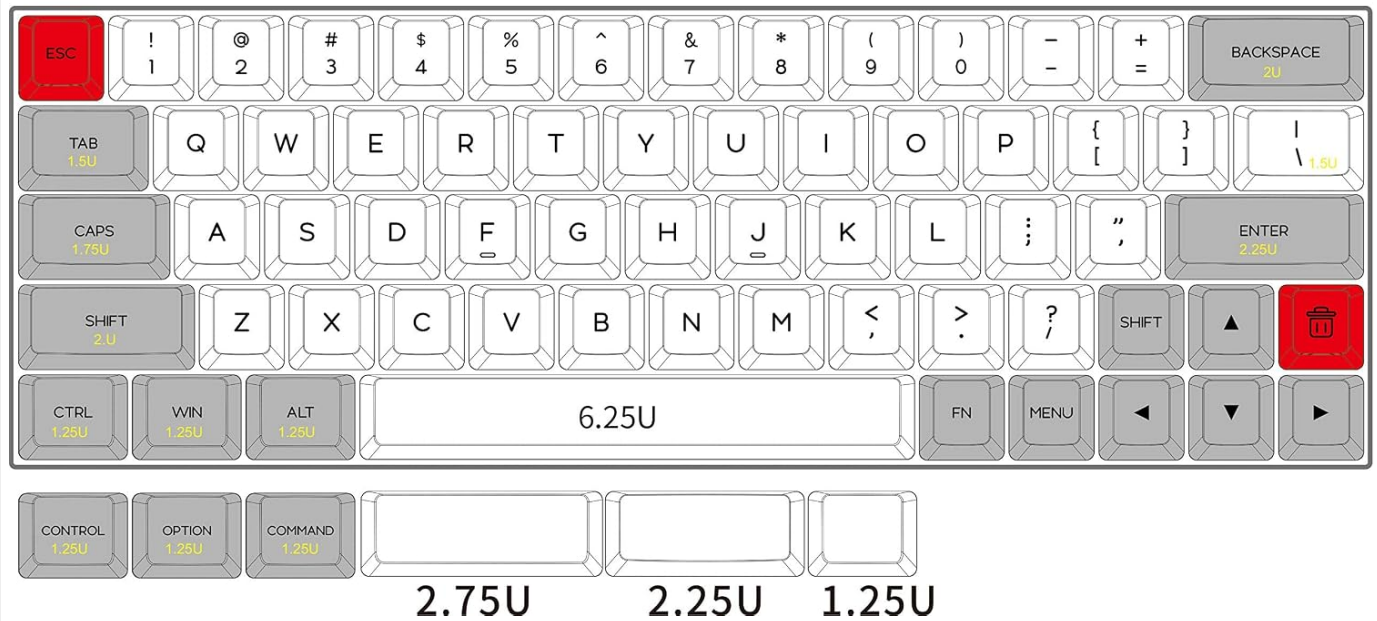


Image: A diagram illustrating the keycap layout and sizes for the SK64 keyboard, useful for understanding key functions and replacements.

Programmable Modes (FN Layers)

The SK64 features three programmable layers (FN1/FN2/FN3) for user-defined functions. Onboard FLASH memory stores configurations offline.

- **User Defined Mode (Layer 1):** Press **FN + W**. The 'W' key's white light will illuminate, indicating entry into Layer 1 for customization. Press **FN + W** again to return to the normal keyboard mode.
- **Mac OS Mode (Layer 2):** Press **FN + E**. The 'E' key's white light will illuminate, indicating entry into Mac OS keyboard mode. Press **FN + E** again to return to the normal keyboard mode.
- **FNX Adjustable Function Define Mode (Layer 3):** Press **FN + R**. The 'R' key's white light will illuminate, indicating entry into Layer 3 for customization. Press **FN + R** again to return to the normal keyboard mode.

RGB Backlight Customization

The keyboard features 16 million RGB lighting effects. Use the dedicated software (available from EPOMAKER's website) to customize lighting schemes, adjust brightness, and select effects, including a musical rhythm mode.



Image: The EPOMAKER SKYLOONG SK64 keyboard displaying its RGB backlighting, highlighting the illuminated keys.

MAINTENANCE

Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a mild cleaning solution to wipe the keycaps and casing.
- For deeper cleaning, use the provided keycap puller to remove keycaps and clean underneath with compressed air or a small brush.
- Ensure the keyboard is completely dry before reconnecting.

Replacing Switches (Hot-Swappable Feature)

The SK64 supports hot-swappable Gateron Optical Switches. This allows you to change switches without soldering.

1. Using the provided switch puller, carefully grip the switch from the top and bottom.
2. Gently pull the switch upwards until it detaches from the PCB.
3. Align the pins of the new Gateron Optical Switch with the holes on the PCB.
4. Press the new switch firmly into place until it clicks. Ensure it is seated correctly and functions properly.



Image: A close-up view of the EPOMAKER SKYLOONG SK64 keycaps and switches, illustrating their design and the hot-swappable nature.

TROUBLESHOOTING

- **Keyboard not responding:** Ensure the USB-C cable is securely connected. If using Bluetooth (SK64S), check battery level and pairing status. Try connecting to a different USB port or device.
- **Keys not registering:** Check if any debris is under the keycap. If a switch is faulty, utilize the hot-swappable feature to replace it.
- **RGB backlight not working:** Ensure the keyboard is powered. Check software settings for lighting control. Try resetting the keyboard to factory defaults (refer to software manual for specific instructions).
- **Bluetooth connection issues (SK64S):** Ensure the keyboard is in pairing mode. Remove the keyboard from your device's Bluetooth list and attempt to re-pair. Ensure no other devices are interfering.

SPECIFICATIONS



Image: The underside of the EPOMAKER SKYLOONG SK64 keyboard, displaying the product label with model and rating information.

Model	SK64 (Wired) / SK64S (Wired/Wireless)
Number of Keys	64 Keys
Switch Type	Gateron Optical Switch (Hot-swappable)
Connection	USB Type-C Wired / Bluetooth 5.1 (SK64S only)
Keycap Material	PBT Thermal Sublimation
Cable Length	1.5m USB Cable
System Support	Windows / Android / Mac OS
Anti-Ghosting	NKRO (N-Key Rollover)
Backlight	16 Million RGB Backlight
Battery Capacity (SK64S)	1900mAh
Keyboard Dimensions	295 x 105 x 45mm (11.81 x 4.09 x 1.57 inches)
Keyboard Weight	768g (approx. 1.69 lbs)

WARRANTY AND SUPPORT

EPOMAKER products typically come with a standard manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official EPOMAKER website. For technical support, driver downloads, or further assistance, please visit the EPOMAKER support page or contact their customer service.
Official EPOMAKER Website: www.epomaker.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question