

[Manuals.plus](#) /

› [EPOMAKER](#) /

› EPOMAKER SKYLOONG AK61 Mechanical Keyboard User Manual

EPOMAKER AK61

EPOMAKER SKYLOONG AK61 Mechanical Keyboard User Manual

Model: AK61



1. INTRODUCTION

Thank you for choosing the EPOMAKER SKYLOONG AK61 Mechanical Keyboard. This keyboard features a 60% layout, hot-swappable Gateron optical switches, customizable RGB backlighting, and programmable layers. It is designed for compatibility with both Mac and Windows operating systems. This manual provides instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.



NO Bluetooth



Image: The EPOMAKER SKYLOONG AK61 mechanical keyboard, showcasing its compact 60% layout and vibrant RGB backlighting. Note: This model does not support Bluetooth connectivity.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- EPOMAKER SKYLOONG AK61 Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- Additional Keycaps for Mac Layout (if included)
- User Manual (this document)

PACKING LIST



Image: Contents of the EPOMAKER SKYLOONG AK61 package, including the keyboard, USB cable, keycap puller, and switch puller.

3. SETUP INSTRUCTIONS

3.1 Connecting the Keyboard

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

3.2 Switching Operating Systems

The AK61 supports both Windows and Mac layouts. To switch between systems:

- Press **FN + W** to switch to Windows mode.
- Press **FN + E** to switch to Mac mode.

Additional keycaps for Mac are included to customize your layout.

4. OPERATING INSTRUCTIONS

4.1 N-Key Rollover (NKRO)

The AK61 features N-Key Rollover, allowing all keys to be registered simultaneously without conflict, which is beneficial for fast typing and gaming.

4.2 Programmable Layers and Macros

The keyboard supports three programmable layers: FN1, FN2, and FN3. All keyboard functions can be configured through the dedicated software, including macro recording and custom key assignments. The integrated flash memory saves your settings directly to the keyboard, allowing them to persist even when offline.



Image: Screenshot of the EPOMAKER SKYLOONG AK61 programmable software, showing options for key remapping, macro recording, and RGB lighting customization.

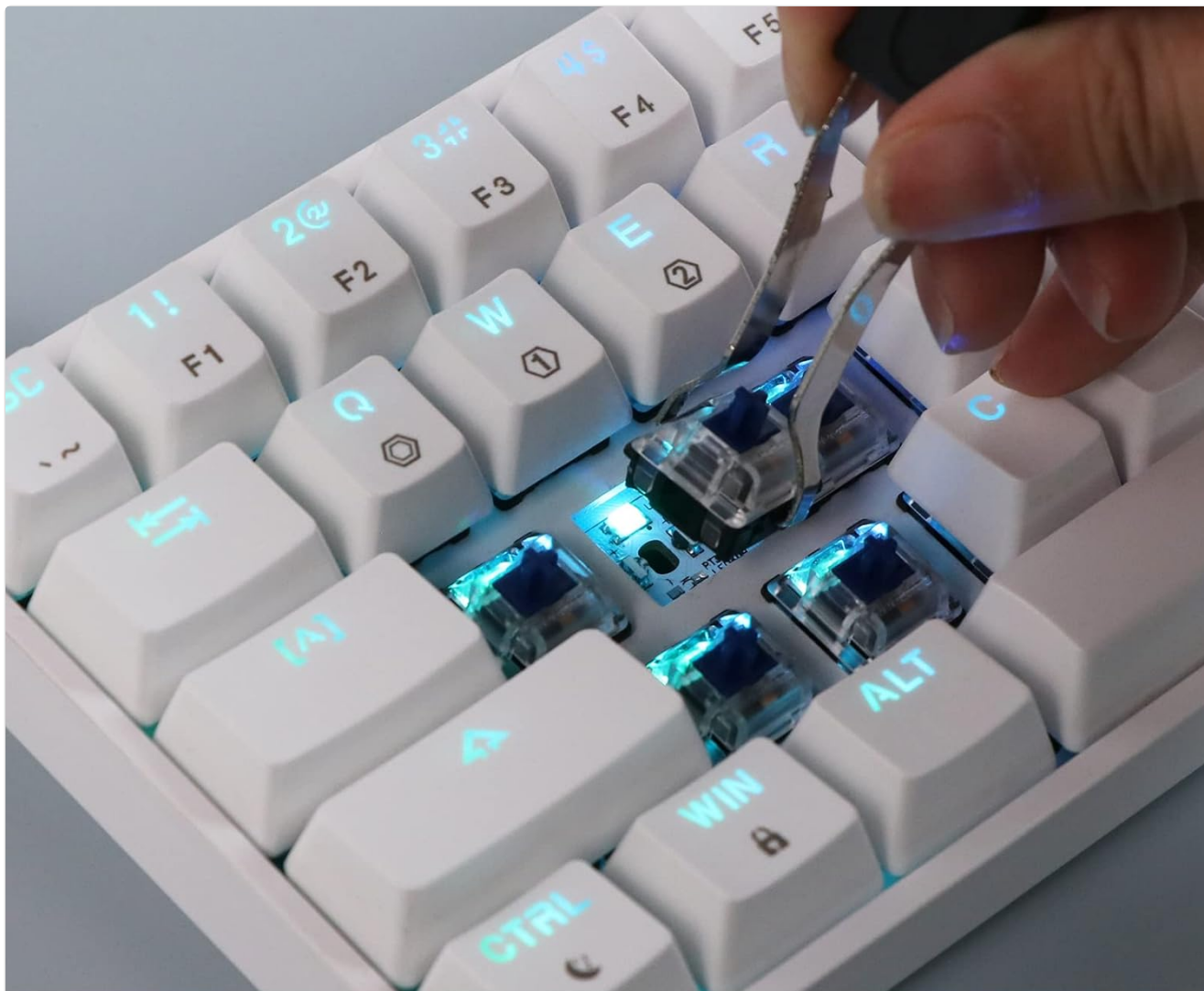
4.3 RGB Backlighting

The AK61 is equipped with SMD RGB lighting, offering over 16.8 million colors. Numerous lighting effects are available for download and are regularly updated. To activate the music rhythm mode, press **FN + [F4]** four times. In

this mode, the lighting will synchronize with the rhythm of your music.

4.4 Hot-Swappable Switches

The AK61 features hot-swappable Gateron optical switches, allowing you to easily replace switches without soldering. This provides flexibility for customizing your typing experience.



Hot Swappable PCB Compatible with 1-pin Optical Switch

Image: Close-up view of the EPOMAKER SKYLOONG AK61's hot-swappable PCB, demonstrating the ease of switch removal using a switch puller. The PCB is compatible with 1-pin optical switches.

4.5 ABS Double-Shot Keycaps

The keyboard comes with durable ABS double-shot keycaps. These can be changed using the included keycap puller for further customization. The ergonomic design of the keycaps contributes to comfortable use.

5. MAINTENANCE

5.1 Cleaning the Keyboard

- Disconnect the keyboard from your computer before cleaning.
- Use a soft brush or compressed air to remove dust and debris from between the keycaps.

- For stubborn dirt, gently wipe the keycaps and keyboard surface with a slightly damp, lint-free cloth. Avoid excessive moisture.
- The keyboard features a dust-proof design, which helps in reducing dust accumulation.

5.2 Replacing Keycaps and Switches

- Use the provided keycap puller to carefully remove keycaps. Grip the keycap firmly and pull straight up.
- Use the provided switch puller to remove switches. Insert the puller's prongs into the two clips on the top and bottom of the switch, squeeze gently, and pull the switch straight up.
- When installing new switches, ensure the pins are aligned correctly with the PCB sockets to prevent bending. Press firmly until the switch clicks into place.

6. TROUBLESHOOTING

- **Keyboard not responding:** Ensure the USB cable is securely connected to both the keyboard and the computer. Try a different USB port or cable.
- **Keys not registering:** Check if any debris is lodged under the keycap or switch. If using hot-swappable switches, ensure the switch is fully seated.
- **RGB lighting not working:** Verify that the keyboard is properly connected. Use the software to check lighting settings or try cycling through lighting modes using keyboard shortcuts.
- **Incorrect layout (Mac/Win):** Ensure you have switched to the correct operating system mode using **FN + W** (Windows) or **FN + E** (Mac).

7. SPECIFICATIONS

Feature	Detail
Brand	EPOMAKER
Model Name	AK61
Compatible Devices	Personal Computer
Connectivity Technology	USB (Wired)
Keyboard Description	Ergonomic
Recommended Uses	Gaming
Special Feature	Backlighting
Color	SK61 ABS White
Backlight Color Support	RGB
Style	Classic
Material	Plastic
Power Source	Corded Electric

Feature	Detail
Switch Type	Optical (Gateron)
Keyboard Layout	QWERTY
Number of Keys	61
Total USB 2.0 Ports	1
Item Weight	600 Grams
Generation	1st Generation
UPC	751433626984
ASIN	B08BBWYPJ4

7.1 Gateron Optical Switch Specifications

GATERON OPTICAL SWITCHES

	SWITCH NAME	SWITCH TYPE	OPERATING FORCE	ACTUATION TRAVEL	TOTAL TRAVEL
	GATERON OPTICAL RED	LINEAR	45 ± 15gf	2.0 ± 0.6mm	4.0 ± 0.4mm
	GATERON OPTICAL BROWN	TACTILE	55 ± 15gf	2.0 ± 0.6mm	4.0 ± 0.4mm
	GATERON OPTICAL BLACK	LINEAR	60 ± 15gf	2.0 ± 0.6mm	4.0 ± 0.4mm
	GATERON OPTICAL BLUE	CLICKY	55 ± 15gf	2.3 ± 0.6mm	4.0 ± 0.4mm

Image: A table detailing the specifications of various Gateron Optical Switches, including switch name (Red, Brown, Black, Blue), switch type (Linear, Tactile, Clicky), operating force, actuation travel, and total travel.

7.2 Keyboard Dimensions



Image: Diagram showing the dimensions of the EPOMAKER SKYLOONG AK61 keyboard: approximately 29.3 cm (length), 12 cm (width), and 1.6 cm (height).

8. WARRANTY AND SUPPORT

EPOMAKER products are designed for quality and reliability. For warranty information, technical support, or any inquiries regarding your AK61 keyboard, please refer to the official EPOMAKER website or contact their customer service directly. Keep your purchase receipt for warranty claims.

