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SKYLOONG SK96

SKYLOONG SK96 Full Size Gaming Keyboard Instruction Manual

Model: SK96 | Brand: SKYLOONG

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INTRODUCTION

This manual provides detailed instructions for the SKYLOONG SK96 Full Size Gaming Keyboard. Designed for enhanced productivity and an immersive gaming experience, this keyboard features a 96% compact layout, hot-swappable switches, customizable RGB lighting, and a unique Lite Gasket design for noise and vibration damping. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your keyboard.



Figure 1: Overview of the SKYLOONG SK96 Full Size Gaming Keyboard.

SETUP

1. Package Contents

Before proceeding, ensure all items are present in the package:

- SKYLOONG SK96 Gaming Keyboard
- USB Cable

- Keycap Puller
- Switch Puller
- Supplementary keycap/experience Switch (6 pieces)



Figure 2: Included accessories: USB-C cable, keycap puller, and switch puller.

2. Connecting the Keyboard

The SKYLOONG SK96 keyboard connects via a USB-C cable, ensuring a stable and reliable connection to your computer.

1. Locate the USB-C port on the keyboard, typically at the top edge.
2. Connect one end of the provided USB-C cable to the keyboard.
3. Connect the other end of the USB cable to an available USB port on your computer (Laptop or PC).
4. The keyboard should be automatically recognized by your operating system (Windows or Mac).



Figure 3: Connecting the keyboard using the USB-C cable.

3. Adjusting Keyboard Angle

The keyboard features a three-stage leg brace design, allowing you to adjust the typing angle for optimal comfort.

1. Flip the keyboard over to access the adjustable feet on the underside.
2. Extend the feet to your preferred angle (approximately 4°, 8°, or 10°).



Figure 4: Adjustable feet for ergonomic typing angles.

OPERATING INSTRUCTIONS

1. Keyboard Layout and Features

The SK96 offers a 96% compact layout, retaining most of the functionality of a full-size keyboard while optimizing desk space. It includes a numeric keypad for enhanced productivity.

SKYLOONG®



Gasket mount



PBT keycaps



Hot-swappable



True RGB light



96% Compact layout

Figure 5: Key features of the SKYLOONG SK96 keyboard.

The keyboard is equipped with Gateron G Pro pre-lubricated 3-pin mechanical switches, ensuring a smooth and consistent typing experience. The unique Lite Gasket design incorporates a silicone integrated cushion to reduce noise and vibration from stabilizers and switches hitting the PCB.

Skyloong Lite Gasket inside

Silicone integrated cushion to reduce the noise caused by Stabilizers and switches hitting the PCB

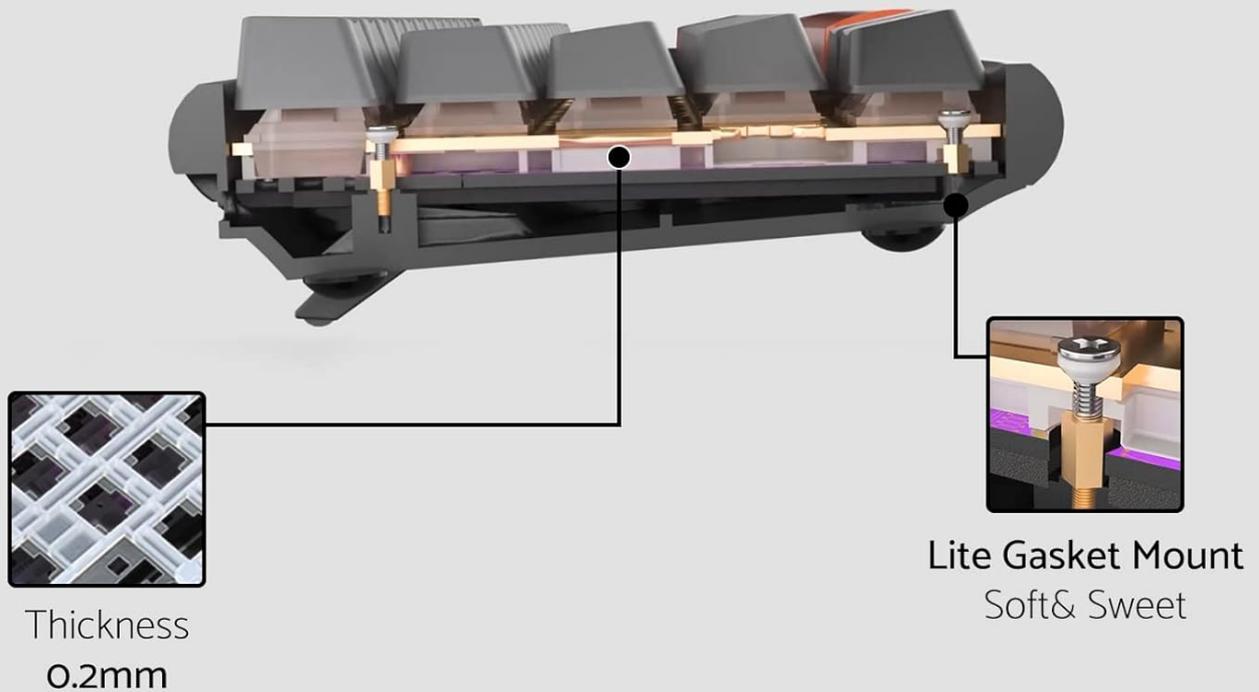


Figure 6: Illustration of the Lite Gasket noise and vibration damping design.

A stepped ESC keycap is designed to prevent accidental touches during use.

Stepped ESC Keycap

To prevent accidentally touch



Figure 7: The stepped ESC keycap for improved usability.

2. RGB Backlighting and Customization

The keyboard features immersive 16 million RGB lighting options. You can customize lighting effects using the dedicated driver software.

To activate the musical rhythm light effect mode, press **FN + =** four times. The lighting will then move with the music rhythm.

Musical rhythm effect

In the music rhythm mode, turning on the music, and the lighting effect moving with the music rhythm.

FN + **=+** Press the 4th time to start the music rhythm light effect mode.



• 16.8 million color RGB



Figure 8: Musical rhythm effect demonstration.

For a visual demonstration of the RGB display, please watch the official product video below:

Your browser does not support the video tag.

Video 1: Demonstration of the SKYLOONG SK96 RGB lighting effects.

3. Programmable Driver

The keyboard features a highly programmable driver that allows for extensive customization. This includes remapping keys, creating custom macros, and fine-tuning lighting effects to suit your specific needs and workflow.

Details on downloading and using the driver software can typically be found on the official SKYLOONG website or through the product's support page.

Three-stage leg brace

Folding foot support design,
you can easily adjust their comfortable angle

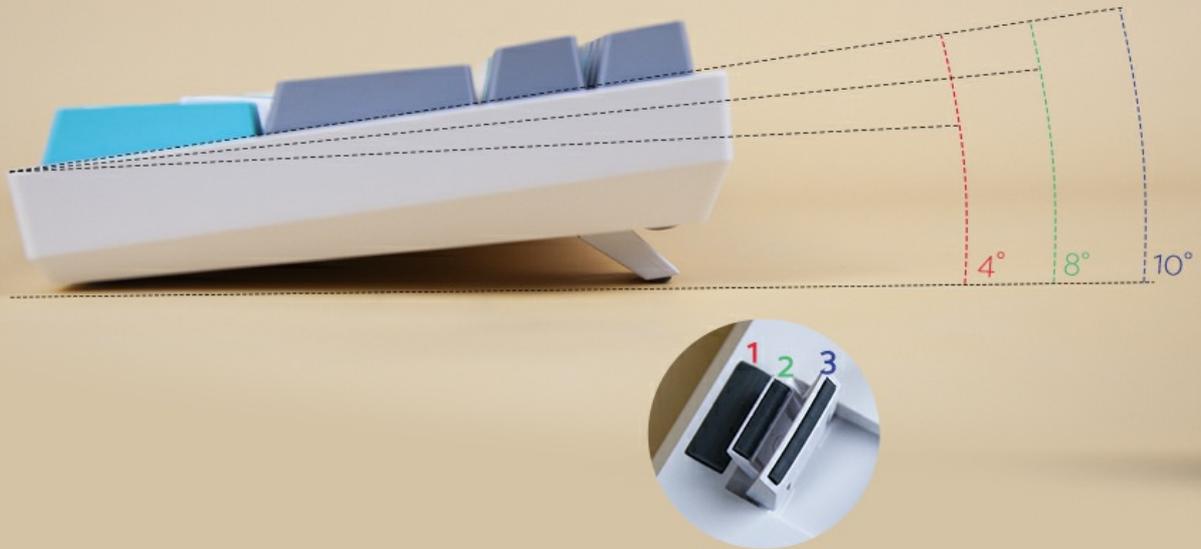


Figure 9: Illustration of the keyboard's internal hardware, supporting advanced customization.

MAINTENANCE

1. Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's appearance and functionality.

- 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 down the keycaps and frame.
- For dust and debris between keys, use compressed air.
- Avoid spraying liquids directly onto the keyboard.

2. Hot-Swappable Switches and Keycaps

The SKYLOONG SK96 features hot-swappable sockets, allowing you to easily change mechanical switches without soldering. It also comes with extra PBT keycaps for customization.

SKYLONG "Lite" series



Hot Swappable

Gateron/BOX/TTC/Cherry MX Switch with 3 or 5 pins can be replaced



Figure 10: Demonstrating the hot-swappable switch feature.

Extra Pre-installed Special Holy Panda-like Chocolate Rose Switches With Noticeable Better Bump-feeling On Big Keys



Chocolate Rose Switch

Note: Only For Lite Gasket Version

Figure 11: Customize your keyboard with included extra PBT keycaps.

To replace switches or keycaps:

1. Use the provided keycap puller to gently remove the desired keycap.
2. Use the provided switch puller to carefully extract the switch from its socket.
3. Align the pins of the new switch with the holes on the PCB and press firmly until it clicks into place.
4. Place the new keycap onto the switch stem and press down gently.

Note: Some larger keys may come with pre-installed "Chocolate Rose" switches for a different tactile feel. Extra Gateron switches are provided if you prefer uniformity.

Bonus Pre-installed Special Holy Panda-like Chocolate Rose Switches

With Noticeable Better Bump-feeling On Big Keys



Chocolate Rose Switch
Note: Only For Lite Gasket Version

Figure 12: Locations of pre-installed Chocolate Rose switches on larger keys.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Keyboard not responding	Loose USB connection, faulty cable, driver issue.	Ensure USB-C cable is securely connected to both keyboard and computer. Try a different USB port or cable. Restart your computer. Check device manager for driver issues.
RGB lighting not working or inconsistent	Software settings, power issue, specific keycap/switch interference.	Ensure the keyboard is receiving sufficient power. Check the RGB settings in the SKYLOONG driver software. Try resetting RGB effects using keyboard shortcuts (refer to driver manual). Ensure keycaps are fully seated and switches are properly installed.
Keys not registering or double-typing	Faulty switch, debris under keycap, software conflict.	Remove the keycap and switch, inspect for debris, and reinsert. If the issue persists, replace the switch with one of the spares provided. Ensure no conflicting software is running.

Problem	Possible Cause	Solution
Custom macros or keybindings not working	Driver software not running, incorrect configuration.	Ensure the SKYLOONG driver software is installed and running in the background. Verify your macro and keybinding configurations within the software. Save and apply changes.

SPECIFICATIONS

Feature	Detail
Product Dimensions	14.55 x 4.84 x 1.48 inches
Item Weight	2.21 pounds
Manufacturer	SKYLOONG
Model Number	SK96
Compatible Devices	Laptop, PC
Connectivity Technology	USB-C
Keyboard Description	Mechanical
Recommended Uses	Everyday Use
Special Feature	Backlit
Color (Switches)	Gateron G Pro Brown Switches - Tactile
Number of Keys	100
Keyboard Backlighting	RGB (16 million colors)
Style	Classic
First Available Date	January 6, 2022

SUPPORT AND WARRANTY

For any questions, technical assistance, or warranty inquiries regarding your SKYLOONG SK96 keyboard, please contact SKYLOONG customer support.

You can reach out to the manufacturer directly via the contact information provided on their official website or through the platform where the product was purchased.



Figure 13: SKYLOONG After-sales service contact information.

For the most up-to-date support resources, including driver downloads and FAQs, please visit the official SKYLOONG website.