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SKYLOONG GK104

SKYLOONG GK104 Wired Mechanical Keyboard User Manual

Model: GK104

INTRODUCTION

This manual provides detailed instructions for the SKYLOONG GK104 Wired Mechanical Keyboard. Please read this manual thoroughly before using the product to ensure proper operation and maintenance. This keyboard features a full-size layout, a programmable knob, RGB lighting, and hot-swappable switches, designed for both gaming and office use across Windows and Mac systems.



Image: The SKYLOONG GK104 Wired Mechanical Keyboard, showcasing its full layout and integrated digital screen.

WHAT'S IN THE BOX

The SKYLOONG GK104 keyboard package includes the following items:

- Wired Mechanical Keyboard (GK104)
- USB Cable (USB-C to USB-A)
- Keycap Puller
- Stabilizer x1
- Silver Switches x3 (spare)



Image: All components included in the SKYLOONG GK104 keyboard package, laid out clearly.

SETUP

Connecting the Keyboard

1. Connect the USB-C end of the provided cable to the USB-C port on the keyboard.
2. Connect the USB-A end of the cable to an available USB port on your computer (Windows or Mac).
3. The keyboard will be automatically recognized by your operating system and ready for use.



Image: The SKYLOONG GK104 keyboard connected via its USB-C cable to a laptop, illustrating a typical setup.

OPERATING INSTRUCTIONS

Basic Keyboard Use

The SKYLOONG GK104 is a full-size 104-key mechanical keyboard. All standard key functions operate as expected for typing and general computer use.

Programmable Knob Functions

The metal knob located in the upper right corner of the keyboard provides quick access to various functions. By default, the knob controls volume:

- **Turn left:** Volume -
- **Turn right:** Volume +
- **Press:** Mute

The knob's functions can be customized via the dedicated software to control backlight brightness, speed, or RGB mode switching.

PROGRAMMABLE KNOB

More Knob Functions Could Be Modified Via Software



Volume



Zoom In/Out



Brightness
Increase / Decrease



Backlight
Faster/Slower



Custom
Functions



Image: A close-up view of the programmable metal knob, highlighting its design and position on the keyboard.



Image: A diagram illustrating the default volume control functions of the programmable knob.

RGB Backlight Settings

The keyboard features colorful RGB backlighting with light-through keycaps. Control backlight effects using the following FN key combinations:

Key Combination	Function
FN + 9	Backlight ON / OFF
FN + 0	Light effect pause / play
FN + -	Backlight mode 1-5
FN + =	Backlight mode 6-8
FN + ↓	Backlight brightness -
FN + ↑	Backlight brightness +
FN + ←	Backlight effect speed -
FN + →	Backlight effect speed +

FULL RGB EFFECTS

Custom Software | Light-through Keycaps | Bright Characters



Image: The SKYLOONG GK104 keyboard displaying its vibrant full RGB lighting effects.



Image: A visual guide to the backlight settings and their corresponding key combinations.

Calculator Function

The number pad area can function as a voice calculator. To switch modes, use the side switch near the number pad:

- **Press 'I'**: Enter calculator mode.
- **Press 'O'**: Activate numeric keypad (normal mode).

Sound Effect Settings (in calculator mode):

- **FN + O**: Voice Broadcast
- **FN + +**: Next set of sound effects
- **FN + -**: Previous set of sound effects



Image: The keyboard's number pad area, illustrating its dual functionality as a calculator with sound effects.



Image: A close-up showing the side switch used to toggle between normal number pad and calculator modes.

Compatibility & Mode Switching (Win/Mac)

The keyboard is compatible with both Windows and Mac systems. Use the one-click switch on the top of the keyboard to change modes.

- **FN + Win:** Lock / Unlock Win Key
- **FN + Backspace:** Del

Backlight and sleep time settings: The flashing light of F1 means sleeping within 5 minutes. F2 means 10 minutes, F9 means 45 minutes, and F10 does not sleep.



Image: Diagram showing the USB-C port and the Win/Mac mode switch on the keyboard.

CONVENIENT MODE SWITCHING

Suitable for win and mac systems



FN + Win	Lock / Unlock Win Key	FN + Backspace	Del
FN + L-Ctrl	Backlight and sleep time settings: The flashing light of F1 means sleeping within 5 minutes, and F2 means 10 minutes...F9 means 45 minutes, and F10 does not sleep.		

Image: An illustration of the F-key functions and their compatibility with Mac and Windows systems.

Hot-Swappable Switches

The GK104 features a hot-swappable PCB, allowing easy replacement of 3-pin/5-pin mechanical switches without soldering. The keyboard comes with linear silver switches, providing fast triggering and quick response.

HOT SWAPPABLE PCB SOCKETS



Image: A close-up of the hot-swappable PCB sockets, showing how switches can be easily removed and replaced.

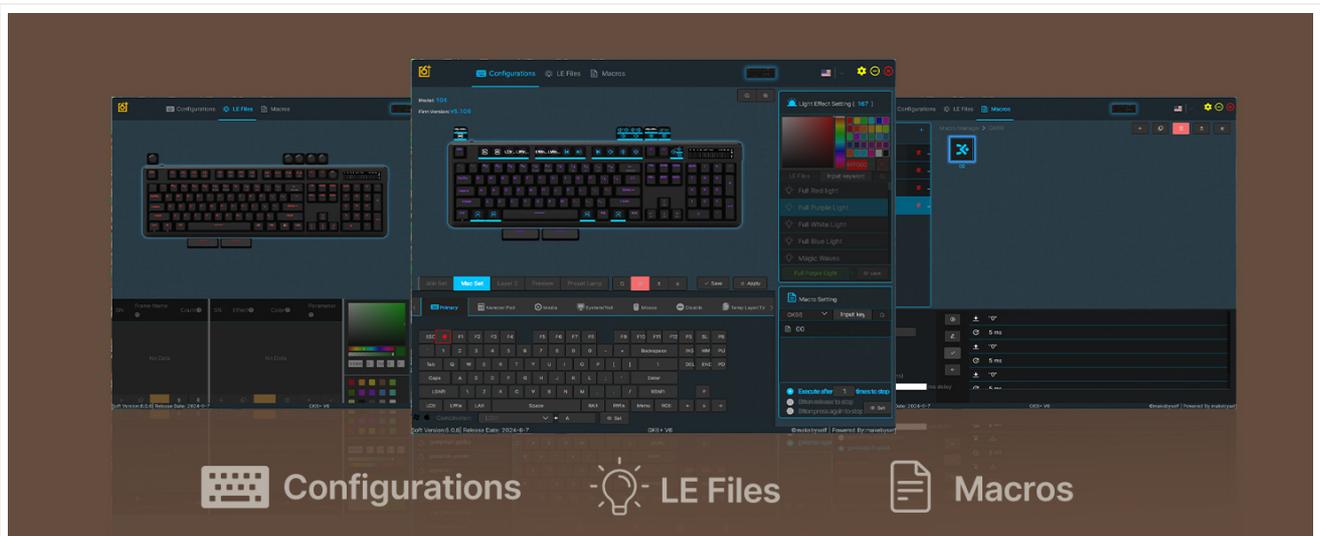


Image: A diagram illustrating the force and travel characteristics of the linear silver switches.

Customizing Space Keys

The 6.25U space bar can be customized with two modes:

- **Mode 1:** Normal Spacebar function.
- **Mode 2:** Tap-Hold Options composite function.

In Mode 2:

- **Short press:** Space
- **Long press:** FN1/Ctrl/Alt/Shift etc. (configurable via software)



Image: A diagram explaining the customizable functions of the space bar, including normal and tap-hold options.

MAINTENANCE

Cleaning

Regularly clean the keyboard with a soft, dry cloth. For deeper cleaning, use the provided keycap puller to remove keycaps and clean dust or debris with compressed air. Avoid using harsh chemicals or abrasive materials.

Storage

Store the keyboard in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, it is recommended to disconnect the keyboard from your computer.

TROUBLESHOOTING

Keyboard Not Responding

- Ensure the USB cable is securely connected to both the keyboard and the computer.
- Try connecting the keyboard to a different USB port on your computer.
- Test the keyboard on another computer to rule out system-specific issues.
- Restart your computer.

Backlight Not Working

- Ensure the backlight is turned on using the FN + 9 key combination.
- Check backlight brightness settings using FN + ↑/↓.

- If issues persist, try resetting the keyboard (refer to software instructions if available).

Calculator Function Issues

- Ensure the side switch is correctly set to 'I' for calculator mode.
- Check sound effect settings using the appropriate FN key combinations.

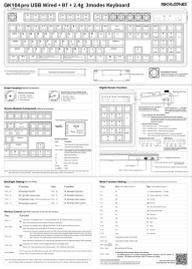
SPECIFICATIONS

Feature	Detail
Product Dimensions	17.52 x 5.52 x 1 inches
Item Weight	2.64 pounds
Manufacturer	SKYLOONG
Compatible Devices	Gaming Console, Laptop, PC
Connectivity Technology	USB-C
Keyboard Description	Full Size Mechanical Keyboard with Volume Knob
Recommended Uses	Business, Education, Everyday Use, Gaming, Personal, Programming, Student
Special Feature	Backlit, Ergonomic, Hot-Swappable, Programmable Keys, Volume Roller
Color	White
Number of Keys	104
Keyboard Backlighting	RGB
Style	Classic

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official SKYLOONG website or contact their customer service directly. Keep your purchase receipt for warranty claims. Product registration may be required for full warranty coverage.

Related Documents - GK104

	<p>SKYLOONG GK104 Pro Keyboard User Guide</p> <p>A comprehensive guide to the SKYLOONG GK104 Pro keyboard, covering its features, functions, and customization options for USB wired, Bluetooth, and 2.4g wireless modes.</p>
	<p>Skyloong GK87S V2 Series RGB Mechanical Keyboard User Guide</p> <p>Comprehensive guide for the Skyloong GK87S V2 Series RGB mechanical keyboard, covering wired and Bluetooth modes, FN function descriptions, backlight customization, driver settings, and support information.</p>
	<p>Skyloong GK75 USB Wired Keyboard: Functions and Settings Guide</p> <p>Detailed guide to the Skyloong GK75 USB wired keyboard, covering knob functions, FN key combinations, backlight settings, and mode-specific key mappings for Windows and Mac.</p>
	<p>Skyloong GK108/SK108 RGB USB Wired/Bluetooth Keyboard User Guide</p> <p>Comprehensive guide to the Skyloong GK108/SK108 RGB mechanical keyboard, covering wired and Bluetooth 2-mode operation, customization options, backlight settings, and system controls.</p>
	<p>Skyloong GK75 USB Wired Keyboard User Guide</p> <p>Explore the features and functions of the Skyloong GK75 USB wired keyboard, including Knob function settings and key customization options.</p>
	<p>SKYLOONG GK87 QMK/VIA-USB Wired Keyboard User Manual</p> <p>Comprehensive user manual for the SKYLOONG GK87 QMK/VIA-USB wired keyboard, detailing its features, functions, QMK/VIA customization, backlighting, and mode settings.</p>