SKYLOONG GK61

SKYLOONG GK61 SK61 60% Mechanical Keyboard User Manual

Model: GK61

INTRODUCTION

The SKYLOONG GK61 SK61 is a compact 60% mechanical keyboard engineered for performance and portability. Featuring Gateron Optical Red Switches, this keyboard offers a responsive and durable typing experience, ideal for both gaming and professional use. Its advanced RGB backlighting and programmable keys provide extensive customization options, while its robust construction ensures long-term reliability. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your GK61 keyboard.

Image: The SKYLOONG GK61 SK61 mechanical keyboard showcasing its vibrant RGB backlighting across all keys.

SETUP GUIDE

1. Package Contents

- SKYLOONG GK61 SK61 Mechanical Keyboard
- USB-C Cable
- Keycap Puller (if included)
- Switch Puller (if included)

2. Connecting the Keyboard

1. Locate the USB-C port on the back of the GK61 keyboard.
2. Connect one end of the provided USB-C cable to the keyboard's USB-C port.
3. Connect the other end of the USB-C cable to an available USB port on your computer (PC or Mac).
4. The keyboard will automatically be recognized by your operating system. No additional drivers are typically required for basic functionality.

Image: A close-up view of the USB-C interface on the SKYLOONG GK61 keyboard, highlighting the connection point for the detachable cable.

3. System Compatibility

The SKYLOONG GK61 SK61 keyboard is compatible with a wide range of operating systems, including:

- Windows 2000, XP, Vista, Win7, Win8, Win10
- Mac OS

OPERATING INSTRUCTIONS

1. RGB Backlighting

The GK61 features 16.8 million color RGB backlighting with multiple adjustable modes. You can cycle through various lighting effects and adjust brightness directly on the keyboard using key combinations. Refer to the keyboard's quick guide or software for specific key combinations to change lighting modes and colors.

2. Programmable Keys and Layers

All keys on the GK61 are programmable, allowing for custom key assignments and on-the-fly macro recording. The keyboard supports multiple programmable layers:

- **DIY User Mode (Layer 1)**: Press **Fn + W** to enter user mode. The 'W' key will light white. Press **Fn + W** again to return to standard mode.
- **Mac OS Mode (Layer 2)**: Press **Fn + E** to enter Mac OS mode. The 'E' key will light white. Press **Fn + E** again to return to standard mode.
- **FNX Layer 3**: Press **Fn + R** to enter FNX mode. The 'R' key will light white. Press **Fn + R** again to return to standard mode.

For advanced programming and customization, including macro creation and detailed RGB control, download the official SKYLOONG software from the manufacturer's website. The software provides a graphical interface for managing key functions across different layers.

3-layer programmable download mode

DIY user mode

Press Fn+W to enter user mode layer1 ①, "W" lights white. Press FN+W again, back to standard mode.

DIY Mac OS mode

Press Fn+E to enter Mac OS mode layer2 ②, "E" lights white. Press FN+E again, back to standard mode.

FNX layer3 function definition

Press Fn+R to enter FNX mode layer3 ③, "R" lights white. Press FN+R again, back to standard mode.

Image: Screenshots illustrating the 3-layer programmable download mode within the SKYLOONG keyboard software, showing options for DIY user mode, Mac OS mode, and FNX layer 3 function definition.

3. Hot-Swappable Switches

The GK61 features hot-swappable Gateron Optical Switches, allowing you to change switches without soldering. This feature is exclusive to optical switches. To replace a switch:

1. Gently remove the keycap using the provided keycap puller.
2. Use the switch puller to carefully grip the switch and pull it straight up.
3. Align the pins of the new optical switch with the holes on the PCB and press down firmly until it clicks into place.
4. Replace the keycap.

Image: A hand demonstrating the hot-swap capability of the Gateron optical switches on the SKYLOONG GK61 keyboard, with various switch types shown below.

MAINTENANCE

1. Cleaning the Keyboard

Regular cleaning helps maintain the keyboard's performance and appearance:

- **General Cleaning**: Use a soft, lint-free cloth dampened with a small amount of water or a mild cleaning solution to wipe down the keycaps and chassis.
- **Deep Cleaning**: For thorough cleaning, remove the keycaps using a keycap puller. Use compressed air to blow out dust and debris from between the switches. You can then clean the keycaps separately with mild soap and water, ensuring they are completely dry before reattaching.

2. Waterproof and Dustproof Features

The GK61 is designed with waterproof and dustproof features to enhance durability. While it offers protection against spills and dust, it is not recommended to submerge the keyboard in water. In case of a spill, disconnect the keyboard immediately, dry it thoroughly, and allow it to air out before reconnecting.

Image: The SKYLOONG GK61 keyboard demonstrating its waterproof capability, partially submerged in water.

TROUBLESHOOTING

If you encounter issues with your SKYLOONG GK61 keyboard, try the following troubleshooting steps:

- **Keyboard Not Responding**: Ensure the USB-C cable is securely connected to both the keyboard and the computer. Try connecting to a different USB port or a different computer to rule out port issues.
- **Keys Not Registering**: If specific keys are not working, ensure they are properly seated. For hot-swappable switches, try removing and reinserting the switch, or swap it with a working switch to identify if the issue is with the switch or the PCB.
- **RGB Lighting Issues**: Cycle through different RGB modes using the keyboard's key combinations. If the issue persists, try resetting the keyboard to factory settings (refer to the quick guide for specific key combinations) or use the official software to reconfigure lighting.
- **Software Not Recognizing Keyboard**: Ensure you have downloaded the correct and latest version of the SKYLOONG software for your GK61 model. Try restarting your computer and the software.
- **Ghosting or Input Lag**: The keyboard features anti-ghosting technology. Ensure your operating system and any gaming software are up to date. Test the keyboard on a different system to isolate the problem.

For persistent issues, consult the official SKYLOONG support resources or contact customer service.

SPECIFICATIONS

Feature	Detail
Model Number	GK61
Keyboard Layout	60% (61 Keys)
Switch Type	Gateron Optical Red Switch
Keycap Material	ABS Dual-Color
Backlighting	RGB (16.8 million colors)
Connectivity	USB-C (Detachable Cable)
Compatibility	Windows 2000/XP/Vista/7/8/10, Mac OS
Product Dimensions	11.5 x 4.05 x 1.57 inches
Item Weight	1.57 pounds
Special Features	Waterproof, Dustproof, Ergonomic, Backlit, Customizable Display Keys, Hot-Swappable (Optical Switches)

Image: A diagram illustrating the physical dimensions of the SKYLOONG GK61 keyboard, including length, width, and height.
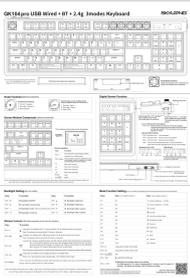
WARRANTY AND SUPPORT

Warranty Information

The SKYLOONG GK61 SK61 keyboard comes with a **12-month warranty** from the date of purchase, covering manufacturing defects. Additionally, the manufacturer offers a **90-day no-reason return policy**. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, warranty claims, or any other inquiries regarding your SKYLOONG GK61 keyboard, please contact SKYLOONG customer support through their official website or the retailer where the product was purchased. Detailed contact information can usually be found on the product packaging or the manufacturer's website.

Related Documents - GK61

	[SKYLOONG GK61 V2 Series Mechanical Keyboard User Manual and Features](#) Comprehensive user guide for the SKYLOONG GK61 V2 series 60% mechanical keyboard, covering USB wired and Bluetooth connectivity, Fn layer functions, system controls, and software-based customization of keys and RGB lighting.
	[Skyloong GK87S V2 Series RGB Mechanical Keyboard User Guide](#) 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.
	[SKYLOONG SK96S USB+Bluetooth 2-Mode Keyboard User Guide](#) Comprehensive guide for the SKYLOONG SK96S keyboard, covering USB wired and Bluetooth dual-mode connectivity, function key descriptions, backlight settings, and FCC compliance. Learn about pairing, customization, and system controls.
	[Skyloong 87Keys V2 Series RGB Mechanical Keyboard User Guide](#) Comprehensive guide to the Skyloong 87Keys V2 Series mechanical keyboard, detailing its USB wired and Bluetooth connectivity, customizable RGB lighting, FN key functions, and driver software for personalized settings.
	[Skyloong GK108/SK108 RGB USB Wired/Bluetooth Keyboard User Guide](#) Comprehensive guide to the Skyloong GK108/SK108 RGB mechanical keyboard, covering wired and Bluetooth 2-mode operation, customization options, backlight settings, and system controls.
	[SKYLOONG GK104 Pro Keyboard User Guide](#) 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.