MageGee SKY81

MageGee SKY81 75% Wireless Gasket Mechanical Gaming Keyboard User Manual

Model: SKY81

INTRODUCTION

Thank you for choosing the MageGee SKY81 75% Wireless Gasket Mechanical Gaming Keyboard. This manual provides detailed instructions for setting up, operating, and maintaining your keyboard to ensure optimal performance and longevity. Please read this manual thoroughly before using the product.

PRODUCT FEATURES

- **Tri-Mode Connectivity:** Supports wired (USB-C), 2.4G wireless, and Bluetooth 5.0 connections.
- **Gasket-Mounted Structure:** Designed for reduced vibration and noise, providing a soft and elastic typing feel.
- **5-Layer Sound Absorbing Filling:** Includes IXPE foam, PORON foam, diaphragm, EVA soundproofing foam, and silicone absorbing pad for enhanced acoustics.
- **Hot-Swappable Sockets:** Compatible with 3-pin or 5-pin mechanical switches for customization.
- **Pre-Lubed Custom Switches:** Equipped with MageGee Blue Whale switches for responsive and creamy typing.
- **RGB Backlighting:** Features 18 dynamic backlighting modes with adjustable brightness and speed.
- **Dual-Function Control Knob:** Manages lighting effects and media volume.
- **Wide Compatibility:** Supports Windows and Mac operating systems.
- **Long-lasting Battery:** Built-in 3000mAh battery for extended wireless use.

PACKAGE CONTENTS

Please check the package for the following items:

- MageGee SKY81 Mechanical Keyboard
- USB-C to USB-A Cable
- Keycap Puller
- Switch Puller
- Extra Keycaps

- Extra Switches
- User Manual

Image: Contents of the MageGee SKY81 package, including the keyboard, USB-C cable, keycap puller, switch puller, extra keycaps, and extra switches.

SETUP

1. Charging the Keyboard

Before first use, it is recommended to fully charge the keyboard. Connect the provided USB-C cable to the keyboard's USB-C port and the other end to a USB power source (e.g., computer USB port, wall adapter). The charging indicator will show the charging status.

2. Connecting the Keyboard

The SKY81 keyboard supports three connection modes: Wired, 2.4G Wireless, and Bluetooth. Use the toggle switch located on the side of the keyboard to select your desired mode.

Image: Diagram illustrating the three connection methods: USB-C wired, 2.4GHz wireless, and Bluetooth 5.2, connecting the keyboard to a laptop, monitor, and tablet.

Wired Mode (USB-C)

1. Ensure the toggle switch on the side of the keyboard is set to the "Wired" position (usually indicated by a cable icon or "USB").

2. Connect the USB-C cable to the keyboard's USB-C port and the other end to your computer's USB port.

3. The keyboard will be automatically recognized by your system.

2.4G Wireless Mode

1. Locate the 2.4G USB receiver (usually stored in a compartment on the keyboard).

2. Plug the 2.4G USB receiver into an available USB port on your computer.

3. Set the toggle switch on the side of the keyboard to the "2.4G" position (usually indicated by a wireless icon).

4. The keyboard should connect automatically.

Bluetooth Mode

1. Set the toggle switch on the side of the keyboard to the "BT" position (usually indicated by a Bluetooth icon).

2. The keyboard can store up to three Bluetooth devices. To pair, press and hold **FN + Q**, **FN + W**, or **FN + E** for 3-5 seconds until the corresponding key (Q, W, or E) flashes rapidly, indicating pairing mode.

3. On your device (computer, tablet, smartphone), open Bluetooth settings and search for "MageGee SKY81" (or similar).

4. Select the keyboard to pair. Once connected, the key will stop flashing.

5. To switch between paired Bluetooth devices, press **FN + Q**, **FN + W**, or **FN + E** briefly.

OPERATING INSTRUCTIONS

1. Function Key Combinations (FN)

The MageGee SKY81 keyboard utilizes the **FN** key for various secondary functions. Refer to the keycaps for specific icons.

- **FN + F1-F12:** Multimedia and system control functions (e.g., media play/pause, volume up/down, mute, web browser, email).
- **FN + DEL:** Turn RGB backlighting On/Off.
- **FN + Backspace:** Check battery level.
- **FN + Q/W/E:** Switch between Bluetooth devices (short press) or enter Bluetooth pairing mode (long press).
- **FN + WIN:** Lock/Unlock Windows key.
- **FN + Left Arrow** / **Right Arrow:** Adjust backlight speed.
- **FN + Up Arrow** / **Down Arrow:** Adjust backlight brightness.
- **FN + Home:** Cycle through RGB lighting effects.

2. Dual-Function Control Knob

The metal knob located on the top right of the keyboard serves two primary functions: Light Mode and Volume Mode.
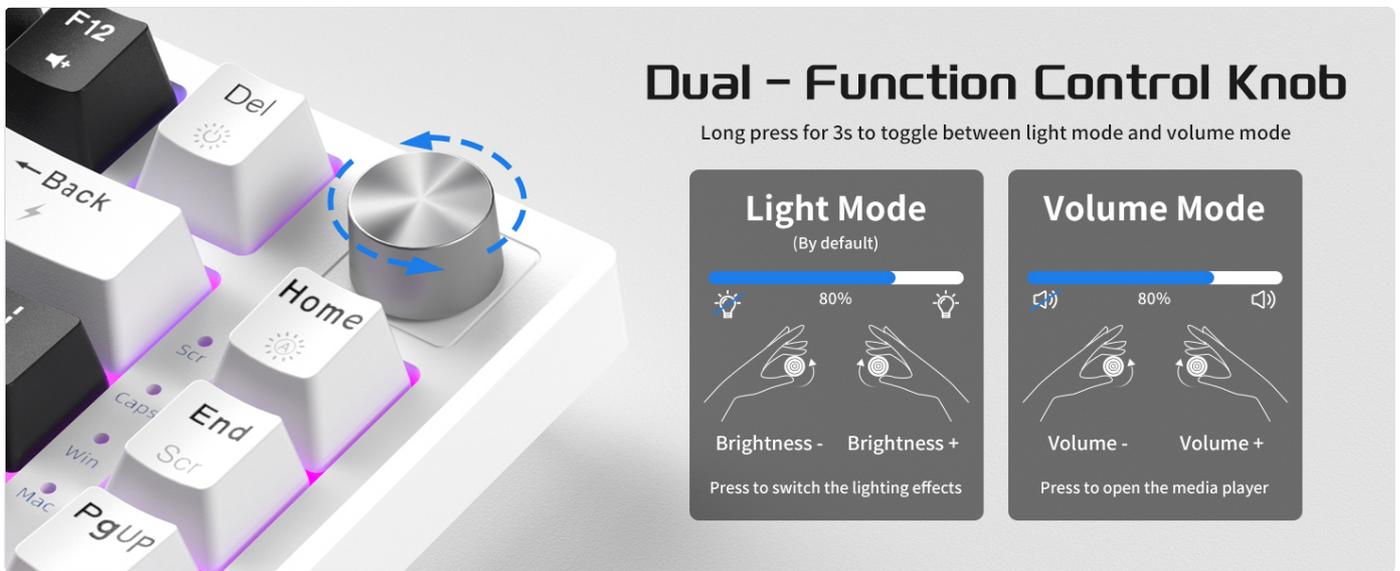
Image: Illustration of the dual-function control knob, detailing how to switch between Light Mode and Volume Mode, and how to adjust brightness/volume or change lighting effects/open media player.

- **Toggle Mode:** Press and hold the knob for 3 seconds to switch between Light Mode (default) and Volume Mode.
- **In Light Mode:**

    - Rotate the knob: Adjust backlight brightness.
    - Press the knob: Switch between different lighting effects.

- **In Volume Mode:**

    - Rotate the knob: Adjust system volume (up/down).
    - Press the knob: Open the default media player.

3. Hot-Swapping Switches and Keycaps

The SKY81 keyboard features hot-swappable sockets, allowing you to change switches without soldering. It is compatible with most 3-pin and 5-pin mechanical switches.

Image: Detailed view of the keyboard's hot-swappable keycaps and switches, the tri-mode selection switch, and the multi-function metal knob.

1. **Removing Keycaps:** Use the provided keycap puller to gently pull keycaps straight up.
2. **Removing Switches:** Use the provided switch puller to carefully grip the top and bottom clips of the switch and pull it straight up. Avoid bending the pins.

3. **Installing Switches:** Align the pins of the new switch with the holes on the PCB. Gently push the switch down until it clicks into place. Ensure pins are not bent.
4. **Installing Keycaps:** Align the keycap with the switch stem and push down firmly until it is seated.

MAINTENANCE

- **Cleaning Keycaps:** Use a soft, damp cloth to wipe keycaps. For deeper cleaning, remove keycaps and wash with mild soap and water, ensuring they are completely dry before reattaching.
- **Cleaning the Keyboard Body:** Use a soft, dry cloth to wipe the keyboard surface. For stubborn dirt, a slightly damp cloth can be used. Avoid excessive moisture.
- **Dust Removal:** Use compressed air to remove dust and debris from between keycaps and switches.
- **Storage:** When not in use for extended periods, store the keyboard in a dry, cool place away from direct sunlight.
- **Battery Care:** To prolong battery life, avoid fully discharging the keyboard frequently. Charge it when the battery indicator is low.

TROUBLESHOOTING

Problem	Possible Solution
Keyboard not responding in Wired Mode.	Ensure the USB-C cable is securely connected to both the keyboard and the computer. Verify the toggle switch is set to "Wired" mode. Try a different USB port on your computer. Test with a different USB-C cable.
2.4G Wireless connection unstable or not connecting.	Ensure the 2.4G USB receiver is securely plugged into a USB port. Verify the toggle switch is set to "2.4G" mode. Move the keyboard closer to the receiver. Avoid interference from other wireless devices. Try plugging the receiver into a different USB port.
Bluetooth device not pairing or connecting.	Ensure the toggle switch is set to "BT" mode. Press and hold **FN + Q/W/E** for 3-5 seconds to enter pairing mode. Make sure Bluetooth is enabled on your device and it's discoverable. Forget the device from your device's Bluetooth settings and try pairing again. Ensure the keyboard battery is not critically low.
RGB backlighting not working or stuck.	Press **FN + DEL** to ensure backlighting is not turned off. Use the control knob or **FN + Up/Down Arrow** to adjust brightness. Try cycling through lighting effects with **FN + Home** or pressing the control knob in Light Mode.
Keys not registering or double-typing.	Check if the switch under the affected keycap is properly seated. Remove the keycap and switch, then re-insert. If the issue persists, try replacing the switch with one of the spare switches provided. Ensure the keyboard is clean and free of debris.

Problem	Possible Solution
Battery drains quickly.	Reduce RGB backlight brightness or turn it off using **FN + DEL**. Ensure the keyboard is fully charged. If using 2.4G wireless, ensure the receiver is close to the keyboard.

SPECIFICATIONS

Feature	Detail
Model	SKY81
Layout	75% (81 keys)
Connectivity	USB-C Wired, 2.4G Wireless, Bluetooth 5.0
Switches	MageGee Blue Whale Switch (Linear, Pre-lubed, Hot-swappable 3/5-pin)
Switch Lifespan	Approx. 70 million keystrokes
Operating Force	38gf ± 5gf
Total Travel	3.8mm ± 0.2mm
Pre-Travel	1.8mm ± 0.2mm
Backlighting	RGB (18 modes)
Battery Capacity	3000mAh
Compatibility	Windows, macOS
Dimensions	13.78 x 7.28 x 2.09 inches (Package)
Item Weight	2.48 pounds
Material	Plastic or plastic composite

Blue Whale Switch

Type: Linear

Pre-Travel: : 1.8±0.2mm

Total-Travel: 3.8±0.2mm

Operating force: 38gf±5gf

Pressure Force: 50gf±5gf

Lifespan: appr. 70 million

Pre-lubed: Yes

Material: Pa6+Pa663

Operating force - stroke - diagram

Pressure(gf) — Pressure Force — Operating Force — itinerary(mm)
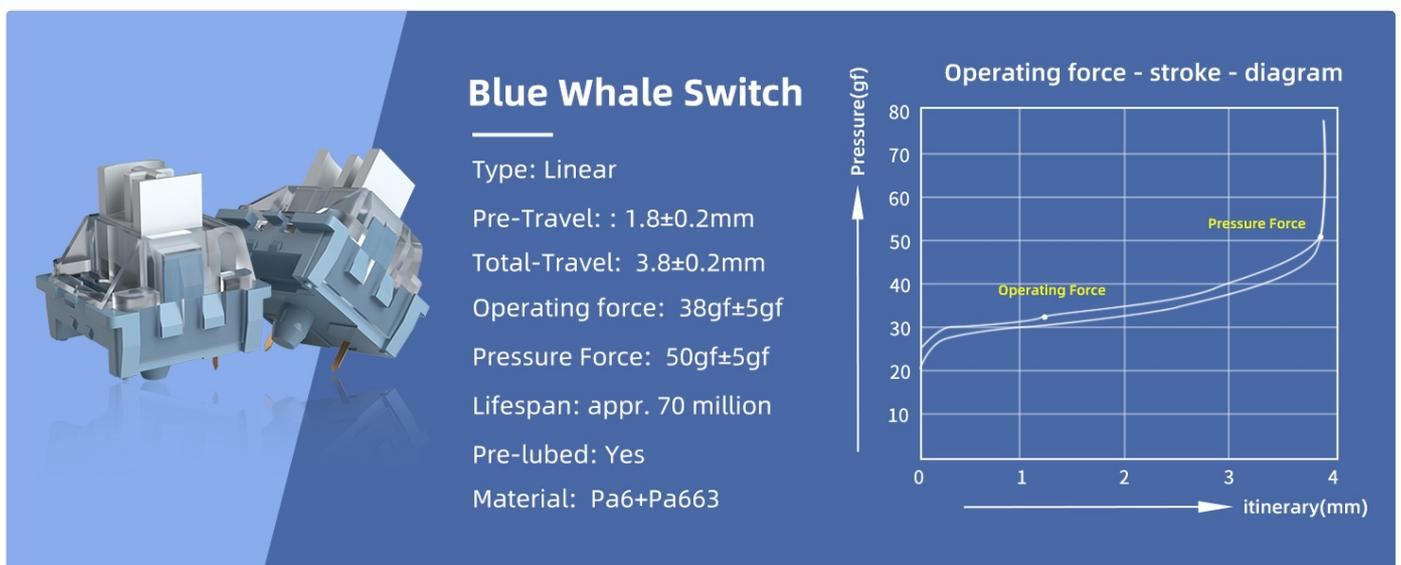
Image: Detailed specifications and force-stroke diagram for the Blue Whale Switch.

Warranty Information

MageGee products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. Please refer to the warranty card included in your package or visit the official MageGee website for detailed warranty terms and conditions.

The warranty typically covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Support

If you encounter any issues or have questions regarding your MageGee SKY81 keyboard, please contact our customer support team. You can find contact information on the official MageGee website or through your retailer's support channels.

When contacting support, please have your product model (SKY81) and purchase details ready to assist us in providing efficient service.