

## KAILH Pro Light Green, 68 pcs

# KAILH Cream Speed Pro MX SMD 3 Pin RGB Switches User Manual

Model: Pro Light Green, 68 pcs

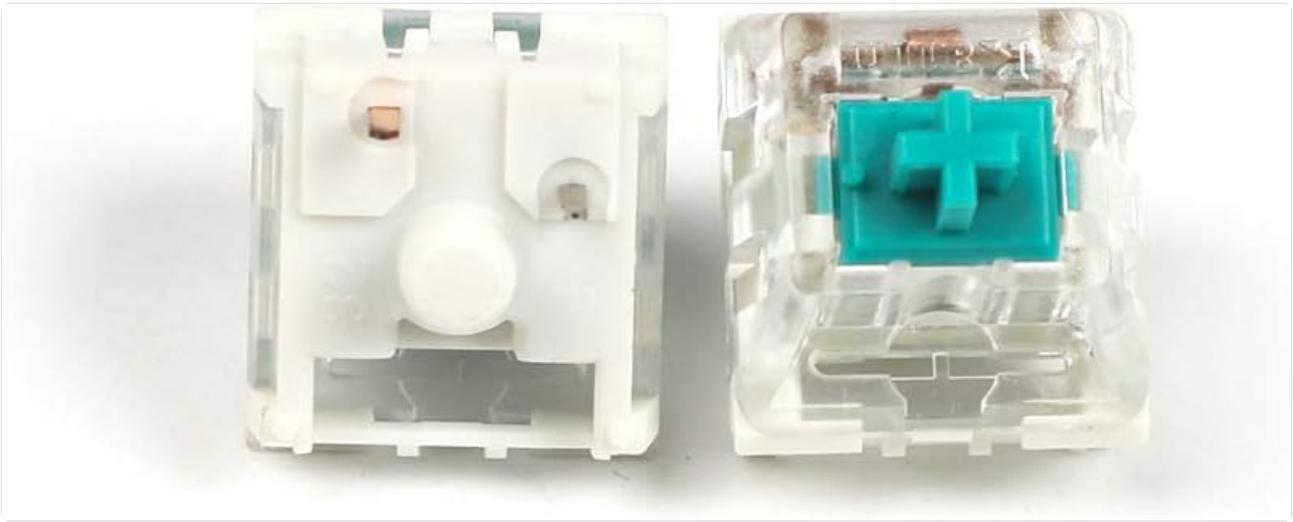
## 1. OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your KAILH Cream Speed Pro MX SMD 3 Pin RGB Switches. These switches are designed for backlit mechanical gaming keyboards, offering a unique tactile and auditory experience depending on the specific switch type.

The switches are built for durability, with a life-time of approximately 80 million times, exceeding that of many standard switches.

## 2. KEY FEATURES

- **Pro Switches:** Feature an operating travel of approximately 1.6-1.7mm and an operating force of 50g.
- **Distinct Stem Designs:** Pro switches utilize different stem designs compared to Speed switches.
- **Burgundy Pro Switches:** Offer a smooth feel with a slight curve at the start of actuation.
- **Purple Pro Switches:** Provide a strong and smooth tactile bump, comparable to a Zealio 65g switch.
- **Light Green Pro Switches:** Deliver a consistent click, similar to a Cherry Blue switch.
- **LED Compatibility:** Compatible with SMD, 2x3x4 square LED, 3mm round, and 1.8mm LEDs for vibrant backlighting.
- **Durability:** Engineered for a long lifespan of around 80 million keystrokes.
- **Compatibility Note:** These mechanical switches are not interchangeable with Outemu switches or optical switches.



*Image: Two KAILH Cream Speed Pro MX switches, one showing the top housing and stem, the other showing the bottom housing and pins.*



*Image: A collection of various KAILH mechanical keyboard switches in different colors, showcasing their distinct stems and housings.*



Image: Diagram illustrating compatibility with different types of LEDs (SMD, 2x3x4 square, 3mm round, 1.8mm) for the switches.

### 3. SETUP AND INSTALLATION

These switches are designed for hot-swappable mechanical keyboard PCBs. Ensure your keyboard supports 3-pin MX-style switches before attempting installation.

#### Installation Steps:

1. **Prepare Your Keyboard:** Ensure your keyboard is powered off and disconnected from your computer. If keycaps are installed, carefully remove them using a keycap puller.
2. **Align the Switch:** Hold the switch with the two metal pins aligned with the corresponding holes on the keyboard's PCB. The larger central stem should also align with its hole.
3. **Insert the Switch:** Gently press the switch into the PCB until it clicks into place. Ensure both metal pins are straight and fully inserted without bending.
4. **Test Functionality:** After installing a few switches, connect your keyboard and test their functionality using a keyboard testing tool or by typing.
5. **Install Remaining Switches:** Repeat the process for all desired keys.
6. **Reattach Keycaps:** Once all switches are installed and tested, carefully reattach your keycaps.

For specific instructions regarding your keyboard's hot-swap sockets or LED installation, please refer to your keyboard's user manual.

### 4. OPERATING CHARACTERISTICS

The KAILH Cream Speed Pro MX switches offer distinct typing experiences based on their color variant:

- **Pro Burgundy:** These switches provide a smooth, linear feel with a subtle tactile curve at the very beginning of the press. They are ideal for users who prefer a consistent, non-clicky keystroke with a hint of feedback.
- **Pro Purple:** Designed for a pronounced tactile experience, these switches feature a strong and smooth bump during actuation. They offer satisfying feedback without a distinct click, making them suitable for typing and gaming where tactile response is desired.
- **Pro Light Green:** These switches are clicky, producing an audible click sound upon actuation. They offer a consistent and pleasant click, providing clear auditory feedback for each keystroke, similar to traditional clicky switches.

The SMD 3 Pin RGB design allows for vibrant backlighting, which can be customized via your keyboard's software or onboard controls. Refer to your keyboard's manual for RGB lighting configuration.

### 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your switches.

#### Cleaning:

- Regularly remove keycaps and use compressed air to clear dust and debris from around the switches.
- For stubborn dirt, use a soft brush or a cotton swab lightly dampened with isopropyl alcohol to clean the switch housing, avoiding direct contact with the internal components.

### Lubrication (Optional):

While not strictly necessary, lubricating switches can enhance smoothness and alter sound profiles. This process requires disassembling the switch and applying specialized lubricant. If you choose to lubricate, research proper techniques and use lubricants specifically designed for mechanical keyboard switches to avoid damage.

### Storage:

Store unused switches in a dry, dust-free environment, preferably in their original packaging or an anti-static container.

## 6. TROUBLESHOOTING

If you encounter issues with your switches, consider the following common solutions:

Problem	Possible Cause	Solution
Switch not registering keystrokes.	Bent pin, improper seating, faulty switch, or keyboard PCB issue.	Carefully remove the switch, check for bent pins and straighten if necessary. Re-insert the switch firmly. Test with a known working switch. If the issue persists, consult your keyboard's manual or manufacturer.
Inconsistent or "scratchy" feel.	Dust/debris, lack of lubrication (if desired), or manufacturing variance.	Clean the switch area with compressed air. If comfortable, lubricate the switch. Note that some switches may require a "break-in" period.
LED not lighting up or flickering.	Improper LED installation, faulty LED, or keyboard PCB issue.	Ensure the LED is correctly seated and compatible with the switch and PCB. Test with a different LED. Check keyboard's RGB settings.

For issues not covered here, please contact the product seller or manufacturer for further assistance.

## 7. SPECIFICATIONS

Attribute	Detail
<b>Brand</b>	KAILH
<b>Model</b>	Cream Speed Pro MX SMD 3 Pin RGB Switches (Pro Light Green, 68 pcs)
<b>Operating Travel (Pro Switches)</b>	1.6-1.7mm
<b>Operating Force (Pro Switches)</b>	50g
<b>Switch Type</b>	Mechanical Keyboard Switch
<b>LED Compatibility</b>	SMD, 2x3x4 square LED, 3mm round, 1.8mm LED
<b>Lifespan</b>	Approx. 80 million times

Attribute	Detail
Mounting Type	PCB Mount
Connector Type	Pin Header
Terminal	Solder
Contact Material	Copper
Product Dimensions	3.94 x 5.91 x 0.79 inches
Item Weight	7 ounces
UPC	745302083282

## 8. WARRANTY AND SUPPORT

---

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the seller, YMDK, directly. You can also visit the official KAILH website for general product information and support resources.

**Seller:** YMDK

**Amazon Store:** [Visit the YMDK Store on Amazon](#)