

KAILH Prestige Light

KAILH Varmilo Prestige Light Red Silent Sound Linear Tactile Keyboard Switch Instruction Manual

Model: Prestige Light

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your KAILH Varmilo Prestige Light Red Silent Sound Linear Tactile Keyboard Switches. These switches are designed for mechanical keyboards, offering a smooth linear tactile feel with reduced sound output.

2. KEY FEATURES

- **Type:** Linear Tactile Switch
- **Sound Profile:** Silent Sound
- **Series:** Prestige Series
- **Customization:** Kailh*Varmilo Customized Design

The Prestige Light switches are engineered for a consistent and quiet typing experience, making them suitable for various environments where noise reduction is desired.

3. SETUP AND INSTALLATION

These switches are compatible with hot-swappable mechanical keyboards. Ensure your keyboard supports hot-swappable switches before proceeding.

3.1 Removing Existing Switches

1. Power off your keyboard and disconnect it from your computer.
2. Using a switch puller tool, gently grip the top and bottom clips of the switch.
3. Wiggle the switch slightly while pulling upwards to remove it from the PCB. Avoid excessive force to prevent damage to the PCB or switch socket.

3.2 Installing New Switches

1. Align the pins on the bottom of the Prestige Light switch with the holes on the keyboard's PCB. Ensure the switch is oriented correctly.
2. Gently press the switch down until it clicks into place. You should feel a slight resistance followed by a secure fit.
3. Verify that the switch is seated properly and not bent. If a pin is bent, carefully straighten it with tweezers before re-inserting.
4. Repeat for all desired switches.
5. Reconnect your keyboard and test all keys to ensure proper functionality.

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Prestige Light Switch



Conduction Force : 37gf Conduction Travel: 1.8 ± 0.4 mm

Bottoming Travel: 3.6 ± 0.3 mm

Mechanical Life: 80 million Times

Image: KAILH Varmilo Prestige Light Red Silent Sound Linear Tactile Keyboard Switch. This image displays the individual keyboard switches, highlighting their design and components.

4. OPERATING YOUR SWITCHES

The KAILH Varmilo Prestige Light switches are designed for a smooth, linear keypress with a tactile bump and silent operation. This provides a comfortable and responsive typing experience without the audible click of traditional mechanical switches.

4.1 Typing Experience

These switches offer a consistent actuation throughout the keypress, ideal for fast typing and gaming. The silent design minimizes noise, making them suitable for shared workspaces or late-night use.

Your browser does not support the video tag.

Video: Akko Switches Sound Test on Wooden/ABS/Aluminum Keyboard. This video demonstrates the sound profile of various mechanical keyboard switches on different keyboard materials, providing a general reference for switch acoustics.

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Video: Epomaker Sea Salt Silent Switch. This video showcases the quiet operation of a silent linear switch, similar in concept to the Prestige Light switches.

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Video: Sea Salt Switch VS Sea Salt Silent Switch. This video provides a direct comparison between a standard linear switch and a silent linear switch, illustrating the difference in sound output.

5. SPECIFICATIONS



Image: KAILH Varmilo Prestige Light Switch with detailed specifications.

Specification	Value
Switch Type	Linear Tactile, Silent Sound
Conduction Force	37gf
Conduction Travel	1.8 ± 0.4mm
Bottoming Travel	3.6 ± 0.3mm
Mechanical Life	80 million Times
Color	Prestige Light Red

6. MAINTENANCE

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

6.1 Cleaning

- Regularly clean your keyboard to prevent dust and debris from accumulating around the switches.
- Use a can of compressed air to blow out any loose particles.
- For deeper cleaning, carefully remove the keycaps and use a soft brush or cotton swab with a small amount of isopropyl alcohol to clean around the switch stems. Ensure the keyboard is powered off and disconnected before cleaning.

6.2 Handling

- Avoid spilling liquids on your keyboard. If a spill occurs, immediately disconnect the keyboard and allow it to dry completely before reconnecting.
- When removing or installing switches, use the appropriate tools and apply gentle, even pressure to prevent bending pins or damaging sockets.

7. TROUBLESHOOTING

If you encounter issues with your switches, try the following steps:

- **Key Not Registering:**
 - Ensure the switch is fully seated in its socket.
 - Remove the switch and check for bent pins. Carefully straighten any bent pins and re-insert.
 - Test the switch in a different socket to determine if the issue is with the switch or the keyboard PCB.
- **Inconsistent Feel:**
 - Ensure the switch is clean and free of debris.
 - If the switch feels scratchy, it may benefit from lubrication. This is an advanced modification and should only be attempted if you are comfortable with disassembling switches.
- **Excessive Noise:**
 - Verify that the switch is a silent type.
 - Check for loose keycaps or stabilizers that might be causing rattling.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official KAILH website or contact your retailer. Keep your proof of purchase for any warranty claims.