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> [SinLoon External Power Button for Desktop, PC Power Switch, Push Button, Manual Operation, Black - User Manual](#)

SinLoon SL089

SinLoon External Power Button for Desktop

Model: SL089

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the SinLoon External Power Button for Desktop. This device offers a convenient external solution for controlling your PC's power and reset functions, featuring a mechanical keyboard design and RGB lighting.

2. KEY FEATURES

- **Desktop External Extension Switch:** Mechanical keyboard design with a 2-meter cable for convenient on/off and restart functions.
- **One-Part to Two Splitter:** Includes a splitter allowing simultaneous use of the external switch and the original PC case switches.
- **Easy Installation:** Simple connection to motherboard headers (POWER LED+, POWER LED-, POWER SW, H.D.D LED±, RESET SW) with double-sided adhesive for placement.
- **Seven Color RGB Light Design:** Built-in RGB lighting system with switchable modes for visual enhancement.
- **Wide Compatibility:** Suitable for various environments including internet cafes, homes, hotels, and schools.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- External Key Button with 2M SW Cable
- 1 to 2 Splitter
- Double-sided Adhesive Pads



Figure 3.1: Contents of the SinLoon External Power Button package.

4. SETUP AND INSTALLATION

Follow these steps to properly install your SinLoon External Power Button:

4.1 Identify Motherboard Headers

Locate the front panel headers on your computer's motherboard. These are typically labeled as POWER SW, RESET SW, POWER LED+, POWER LED-, and H.D.D LED±. Refer to your motherboard's manual for exact pinout diagrams if unsure.

MECHANICAL KEY SWITCH



POWER ON/OFF



RESET



Colorful
self circulating



Free drive
Plug and play



Figure 4.1: Typical motherboard front panel header layout.

4.2 Connecting the Splitter (Optional)

The included 1-to-2 splitter allows you to retain the functionality of your PC case's original power and reset buttons while using the external switch. If you wish to use both, connect your original case cables to one side of the splitter, and the external switch cables to the other side. Then, connect the splitter to the motherboard headers.

Note: Some motherboard front panel adapters may be a single piece, which might make using the splitter challenging. In such cases, you may need to connect the external switch directly, or use additional extension wires if available.

Multiple suspension options

Free invisible double-sided adhesive pad

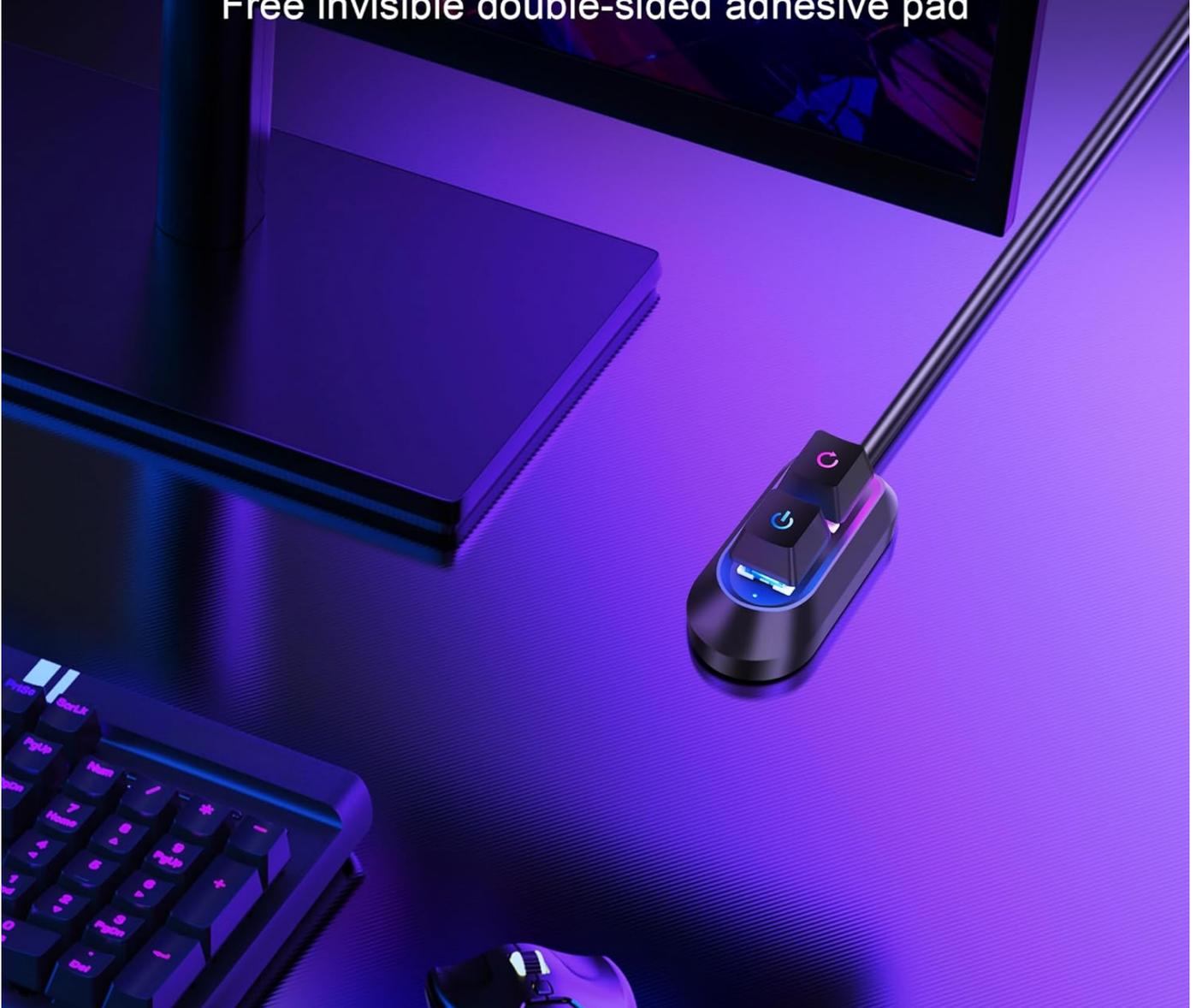


Figure 4.2: Installation steps for connecting the external switch and splitter.

4.3 Direct Connection

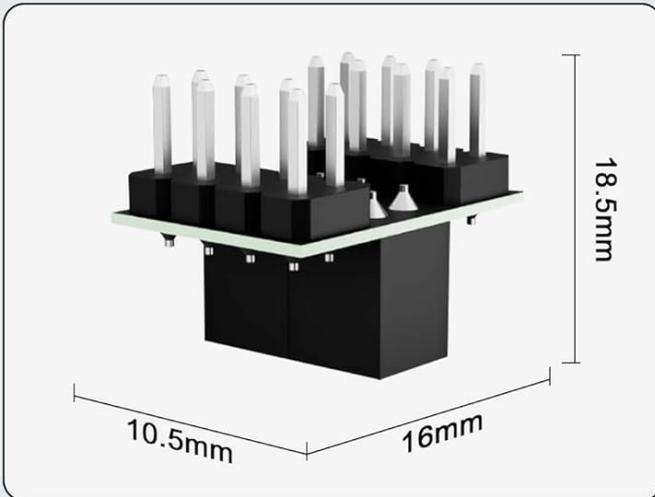
If you do not wish to use the original case buttons, or if the splitter is incompatible with your motherboard's front panel adapter, you can connect the external switch cables directly to the corresponding motherboard headers:

- Connect the "POWER SW" cable from the external button to the "POWER SW" pins on the motherboard.
- Connect the "RESET SW" cable from the external button to the "RESET SW" pins on the motherboard.
- Connect the "POWER LED+" and "POWER LED-" cables to the respective "POWER LED" pins.
- Connect the "H.D.D LED+" and "H.D.D LED-" cables to the respective "H.D.D LED" pins.

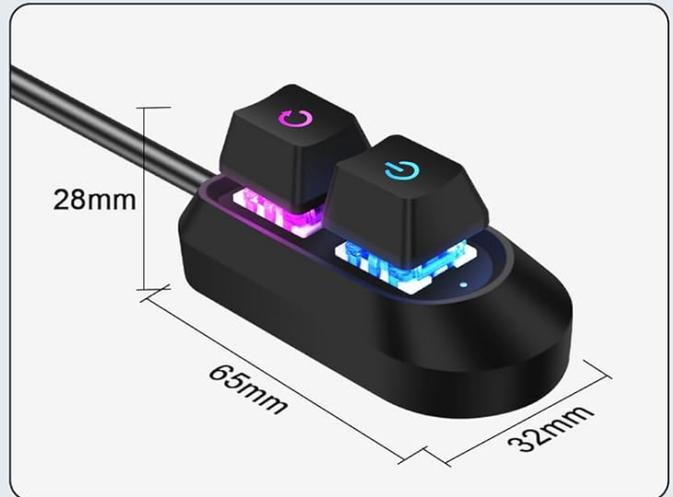
4.4 Secure the Button

Once the cables are connected, use the provided double-sided adhesive pads to secure the external power button to a convenient location on your desk or desired surface. Ensure the surface is clean and dry before applying the adhesive.

Package include



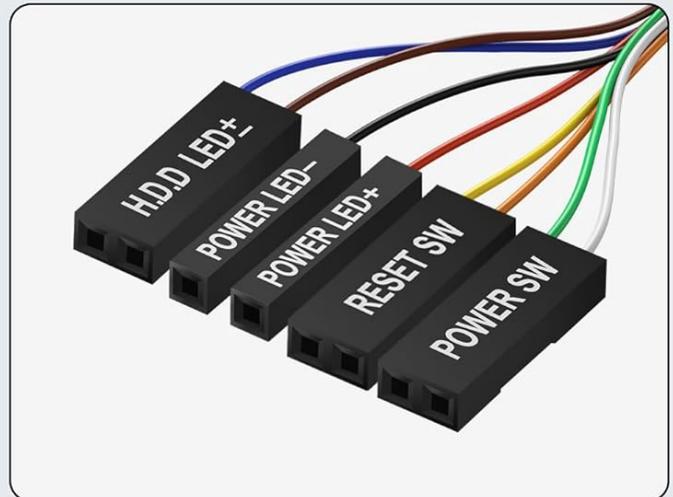
1 to 2 Splitter



Key Button



double-sided adhesive



2M SW Cable

Figure 4.3: Example of external power button placement using adhesive.

5. OPERATION

The SinLoon External Power Button provides simple and intuitive operation:

- **Power On/Off:** Press the button marked with the power symbol (⏻) to power on or shut down your computer.
- **Reset:** Press the button marked with the refresh symbol (🔄) to restart your computer.
- **RGB Lighting:** The built-in RGB lighting system will illuminate upon power-on and cycle through various colors. No user interaction is required to change lighting modes; they are self-circulating.
- **HDD Activity LED:** The integrated HDD LED will flash to indicate hard drive activity.

≥ 1000000 TIMES

Crisp and loud keystrokes feedback without delay



Figure 5.1: Operating the external power button.

6. MAINTENANCE

The SinLoon External Power Button requires minimal maintenance:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the button. Avoid using liquid cleaners or abrasive materials.
- **Cable Management:** Ensure the cable is not kinked or placed in a position where it could be damaged.
- **Adhesive:** If the adhesive loses its stickiness, replace it with new double-sided adhesive pads.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Button does not power on/off PC.	Incorrect wiring to motherboard. Loose connection.	Verify all cables (POWER SW, POWER LED+, POWER LED-, H.D.D LED±, RESET SW) are correctly connected to the motherboard headers. Ensure connections are secure. Refer to your motherboard manual.
RGB lighting is not working.	Incorrect POWER LED connection.	Check the POWER LED+ and POWER LED- connections on the motherboard. Ensure correct polarity.
HDD LED is not flashing.	Incorrect H.D.D LED connection.	Check the H.D.D LED+ and H.D.D LED- connections on the motherboard. Ensure correct polarity.
Splitter does not work.	Incompatibility with motherboard front panel adapter. Incorrect wiring through splitter.	Some motherboard adapters are single pieces and may not work with the splitter. Try connecting the external button directly to the motherboard. Double-check all connections to and from the splitter.

8. SPECIFICATIONS

Attribute	Detail
Model Number	SL089
Operation Mode	Manual
Contact Type	Normally Open
Connector Type	ATX
Terminal	Through Hole
Circuit Type	Parallel
Mounting Type	Desk Mount (with adhesive)
Actuator Type	Push Button
Contact Material	Copper
Number of Positions	1
Cable Length	2 meters (approx. 6.5 feet)
Dimensions (Button Unit)	65mm x 32mm x 28mm (approx. 2.56 x 1.26 x 1.1 inches)
Weight	3.17 ounces (approx. 90 grams)

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or

visit the official SinLoon website. Keep your purchase receipt for warranty claims.

Manufacturer: Xin sen long(Shenzhen)Electronics Co., Ltd



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