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> Sonew Touch-Panel Fingerprint Door Lock User Manual

Sonew 736342176157

Sonew Touch-Panel Fingerprint Door Lock User Manual

Model: 736342176157

1. PRODUCT OVERVIEW

The Sonew Touch-Panel Fingerprint Door Lock is an advanced access control switch designed for enhanced security in homes, offices, and various commercial institutions. It features a modern touch sensor design with LED indicators, offering a convenient and reliable solution for door access.

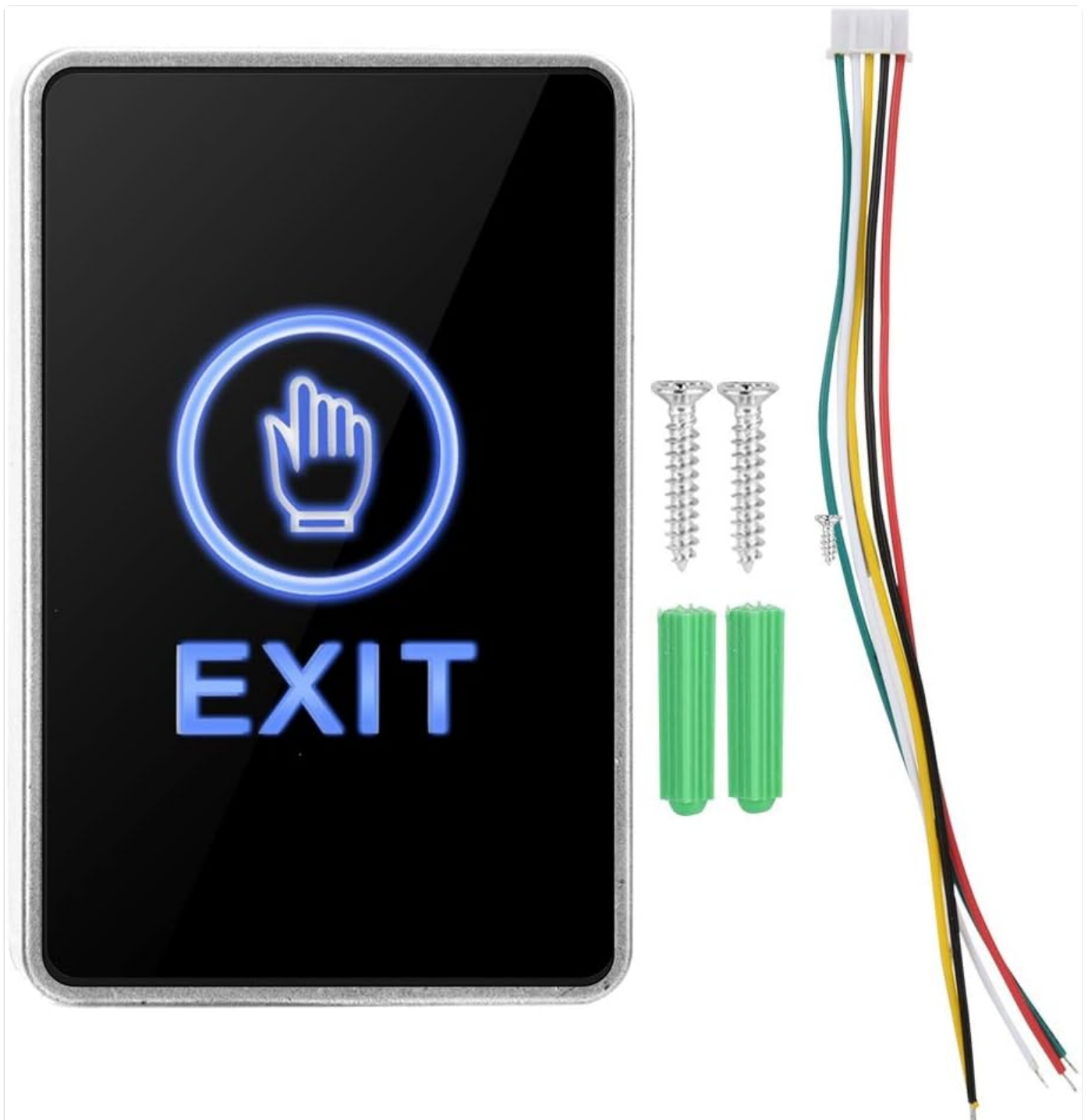


Image 1.1: The Sonew Touch-Panel Fingerprint Door Lock, showing the main unit, connection wires, and mounting screws.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x Sonew Touch-Panel Access Control Switch
- 1 x Bag of Screws (for mounting)

3. SETUP AND INSTALLATION

This section provides instructions for the physical installation and initial setup of your Sonew Touch-Panel. Professional installation is recommended for optimal performance and safety.

3.1 Mounting the Device

1. Choose a suitable location near the door frame or wall where the access control switch will be easily accessible.
2. Mark the drilling points using the device as a template.
3. Drill holes at the marked points. Insert wall anchors if necessary.
4. Secure the device to the wall using the provided screws.

3.2 Wiring Connections

The device features NO/NC/COM contact outputs for integration with various access control systems. Ensure power is disconnected before wiring.

- **NO (Normally Open):** Connect to devices that require a circuit to be closed to activate (e.g., electric strike that unlocks when power is applied).
- **NC (Normally Closed):** Connect to devices that require a circuit to be opened to activate (e.g., magnetic lock that unlocks when power is removed).
- **COM (Common):** The common terminal for both NO and NC connections.
- Connect the power supply (DC36V) to the appropriate terminals.

Refer to your specific door lock or access control system's wiring diagram for precise connections.

4. OPERATING INSTRUCTIONS

The Sonew Touch-Panel is designed for intuitive operation.

4.1 Touch Sensor Functionality

The device operates via a sensitive touch sensor.

- When your finger touches the panel, it will output an ON or OFF signal, triggering the connected access device.
- When your finger is removed, the device returns to standby mode.

Touch sensor design, When the finger touches it it will output the on or off signal, when the finger move away, it will show to be touched on standby



Image 4.1: A hand interacting with the touch sensor to activate the access control.

4.2 LED Indicator Lights

The device features a two-color LED light to indicate its status:

- **Blue Indicator:** The device is in standby mode, awaiting touch input.
- **Green Indicator:** The device has detected a touch and is actively sending a signal.

It is indicated with double color LED light



Image 4.2: Comparison of the blue LED (standby) and green LED (active) states of the touch panel.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Sonew Touch-Panel, follow these maintenance guidelines:

- **Cleaning:** Wipe the acrylic panel surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Durability:** The device is designed for durability, having passed 100,000 aging tests. However, avoid excessive force or impact.
- **Environmental Conditions:** While the panel is waterproof and anti-dust, avoid prolonged exposure to extreme temperatures or direct water submersion.

Waterproof and anti-dust acrylic touch board



Image 5.1: The touch panel demonstrating its waterproof and anti-dust acrylic surface.

6. TROUBLESHOOTING

If you encounter issues with your Sonew Touch-Panel, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not responding to touch.	No power, incorrect wiring, or sensor malfunction.	Check power supply (DC36V). Verify all wiring connections (NO/NC/COM). Ensure the panel surface is clean and dry.
LED indicator not lighting up.	No power, or LED component failure.	Confirm power supply is connected and active. If power is present and LED still off, contact support.
Door lock not activating.	Incorrect wiring to the lock, or lock malfunction.	Double-check NO/NC/COM wiring to your specific door lock. Test the door lock independently if possible.

7. SPECIFICATIONS

Feature	Detail
Element Type	Access Control Switch
Panel Material	Acrylic Panel
Base Material	PC Flame Retardant Material
Working Voltage	3A @ DC36V
Contact Output	NO / NC / COM
Durability Test	100,000 Aging Tests Qualified
Item Size (Approx.)	8.6 x 5.6 x 2.1 cm (3.4 x 2.2 x 0.8 inches)
Item Weight (Approx.)	70 g
Color	Rectangular
Style	Modern
Switch Style	Touch Sensor
Special Features	Fingerprint Unlock (Note: This refers to the system it integrates with, not the panel itself having a fingerprint reader)

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact your retailer or the manufacturer directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the official Sonew store on Amazon:[Sonew Store](#)

