HOZARD

Manual

HSB-1

Smart KeyPad V2

Rechargable + 2 RFID Tags



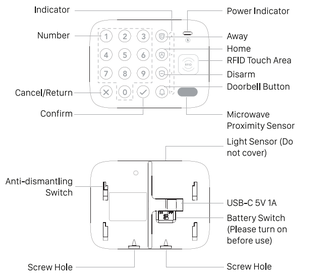
I. General Description

This wireless keypad is designed to manage your alarm system quickly and easily. Arm and disarm your alarm system via codes or RFID tags.
Features include multiple user codes, doorbell button, breathing backlight, and a more user-friendly design.

II. Main Features

- Stylish appearance
- Wireless connection
- Breathing backlight
- Multi-user codes
- Built-in 3.7V/1500mAh lithium battery
- Power input: USB-C 5V 1A
- Low voltage reminder
- Anti-tampering alarm
- Doorbell button
- Support RFID tags, up to 10
- Microwave proximity sensor: automatic wake-up
- Light sensor: automatic backlight adjustment

III. Appearance Design



IV. Power Indicator

Power Indicator Color	Indicator Status	Keypad Status
Red	Solid	Charging
	Flashing	Low Battery
Green	Solid	Activated / Fully charged
	Flashing	Standby

V. Main Functions

5.1 Pair with Alarm System

(1) Power on: Turn on the battery switch.
(2) Find the **"Keypad"** in the alarm host and enter the pairing state.
(3) Press the Doorbell button to send a signal to the alarm host.

5.2 Control Alarm System

Default Admin Code: 9876
User 1 Code: 1234

User 2–3: Not Enabled

5.2.1 Arm / Disarm System

Away Arm	Press Away	**Keypad Status**
Home Arm	Home	Enter Admin / User code or Touch RFID Tag
Disarm	Press Disarm	

5.2.2 Doorbell Function

Press the doorbell button, the alarm host will sound the doorbell ringtone.

Notice:

Two short beeps: Error / Failure
One long beep: Correct / Successful

VI. Keypad Settings

6.1 Pairing / Deleting RFID Tags

Enter Admin code → ✓	Pairing RFID Tags	① → ✓	Touch the RFID tags to the sensing area one by one. Press ✕ twice to exit.
	Deleting RFID Tags	② → ✓	All the RFID tags are cleared.

6.2 Setting Admin / User Code

Enter Admin code → ✓	Setting Admin code	③ → ✓	Enter the new 4–8 digit code → ✓ Re-enter the new code → ✓
	Setting User 1	④ → ✓	
	Setting User 2	⑤ → ✓	
	Setting User 3	⑥ → ✓	

6.3 Deleting User Code

Enter Admin code → ✓	Deleting User 1	④	Press ✓ twice to delete the user.
	Deleting User 2	⑤	
	Deleting User 3	⑥	

Notice:

- If the setting fails, the code you entered twice may be inconsistent. Please try again.
- To exit or return to the previous level during setup, press ✕
- Obfuscated code: When entering the code, you can enter the code of up to 12 digits. As long as it contains consecutive correct codes, it can be recognized as the correct code.

6.4 Turn On / Off Microwave Proximity Sensor

Enter Admin code → ✓	⑦ → ✓	Turn on the microwave proximity sensor
	⑧ → ✓	Turn off the microwave proximity sensor

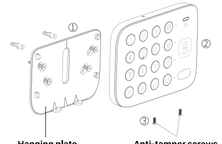
Microwave proximity sensor: The keypad will automatically wake up when a human body approaches within about 1 meter.

VII. Reset Keypad

- Remove the power supply, and turn off the battery switch.
- Press and hold ✕ ✓ then turn on the battery switch.
- After holding for 10 seconds, the keypad will emit a long beep, indicating a successful reset.

VIII. Installation

1. Fix the hanging plate to the wall with screws.
2. Install the keypad on the hanging plate.
3. Install the anti-tamper screws at the bottom.



Hanging plate **Anti-tamper screws**

IX. Specification

433MHz Version

- Power supply: DC5V 1A
- Built-in battery: 3.7V / 1500mAh lithium battery
- Working current: <10mA
- Standby current: <100uA
- Wireless: 433MHz, eV1527
- Receiving distance: 100 meters (open space)
- Working temperature: -10°C ~ 50°C
- Relative humidity: <95% (no condensation)

LoRa Version

- Power supply: DC5V 1A
- Built-in battery: 3.7V / 1500mAh lithium battery
- Working current: <10mA
- Standby current: <100uA
- Wireless: LoRa
- Receiving distance: 500 meters (open space)
- Working temperature: -10°C ~ 50°C
- Relative humidity: <95% (no condensation)

RFID Tag

- RFID protocol: 125KHz, 4100/4200
- RFID Tag: Up to 10 cards can be added

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