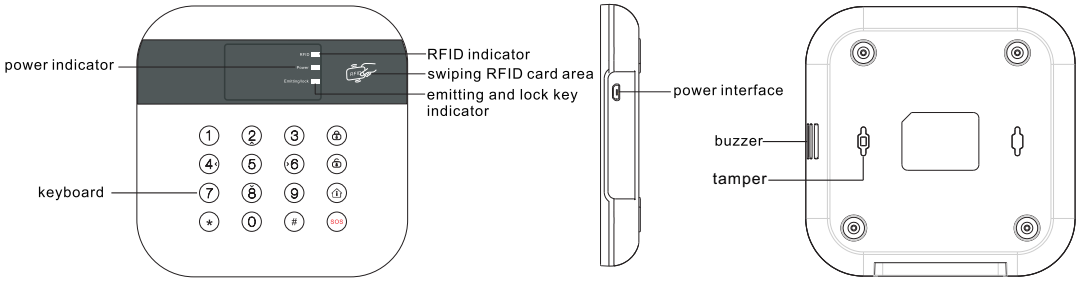
Wireless Keypad User's Manual

1. The product overview

Wireless keyboard adopt disposal core of octet micro-power. It can be collocated with our alarm hosts. The wireless keypad implements arm, disarm, and emergency alarm with password and support multiple users, which solve the inconvenience caused by carrying remote controller. The keyboard can learn 8 RFID cards, you can choose use the RFID card to operate the host for arm, disarm, arm / disarm. Keyboard built-in high-capacity lithium battery, when the battery is low, you can use external power to charge, and also can use the external power to supply long-term power directly. The keyboard has elegant appearance, meanwhile with clew of power status , tamper and anti-mobile functions.

2. The interface definition



3. Products use

1. Voice description

Beep	Illustration
A short "Di"	Effective operation, RFID card enrolled successful, Arm successful.
Two short "Di"	Effective operation, disarm successful.
Five short "Di"	Wrong operation, RFID card have been enrolled
Continuous buzz	The tamper is triggered,Input the password wrongly for several times, the emergency button is triggered.

2. Indicator light

- RFID indication: flashing once every 2 seconds indicates the keyboard start to read.
- Power indicator: When the external power is plugged in, the power indicator will be on; when it's powered by battery, the power indicator will be off; when the battery is low power, the power indicator flashes1 time every 2 seconds, meanwhile the keyboard prompt a long "Di..." every minute . At this time users need to use the external power supply for the keyboard, charging time is greater than 6 hours.
- Emitting and lock key instructions: continuously input the wrong passwords for 9 times, the keyboard will automatically lock and send out the wireless alarm signal, emitting / lock key indicator flashes 1 time in 2 seconds, meanwhile the keypad will buzz continuously for 30 seconds.The keyboard will lock itself for 3 minutes. During the period, the keypad is unavailable for any input.The keypad will return to normal until 3 minutes later.The lock key indicator will be off.

3. Power on / off

When the users use the keypad first time, the keypad is in the off status. You can press the [*] and [#] keys at the same time until you hear a long "Di...", indicating the keypad turn on successfully; when you want to turn off, enter 6 [program password], Then [#] long press 3 seconds, until you hear a long "Di...", indicating the successful shut down.

4. Keypad operation

- Away arm: Press [User Password] [ⓐ] or long press [ⓐ] for 3 seconds;
- Home arm : Press [User Password] [ⓗ] or long press [ⓗ]for 3 seconds;
- Disarm: Press [User Password] [ⓓ];
- Cancel the input: Press the [*] key;
- Emergency button: [SOS] (long press for 3 seconds);
- Start RFID reader: [*] (long press for 3 seconds);
- Enroll wireless : Follow the alarm host instructions, enter the remote controller enrolling status, and then enter the [user password 1-8] [ⓐ], send the wireless enrolling signal, to learn the alarm host.

Note: 1.RFID reader time is 10 seconds, after the time,the RFID reader automatically withdraw from the reader mode.
2. When the external power supply, the keyboard open the RFID reader by default.

5. Programming operation

5.1. program password

Set steps: 【program password】+ 【00】+ 【New program password】+ 【#】

Function Description: program password is used to set the keypad parameters and access to RFID card learning , program password fixed length of 6 bits.

Application example: Set the new program password to 012345.

Programming steps: In the standby status , enter 88888800012345,then press the # key to store the data.

5.2. User Password 1-8

Set steps: 【program password】+ 【01-08】+ 【Switch】+ 【User password】+ 【#】

01 = User password 1 02 = User password 2 03 = User password 3 04 = User password 4

05 = User Password 5 06 = User Password 6 07 = User Password 7 08 = User Password 8

Function Description: The user switch is used to set the operation privilege of the current user, the range of 00-01. (00 = close current user; 01 = open current user)

The user password is used to arm, disarm operation, the user password fixed length of 4 bits.

Application example: Set to open user 5, and user 5's password is 1234.

Programming steps: In the standby status, enter 88888805011234, then press the # key to store data.

5.3. RFID arm/disarm authority

Set steps: 【program password】+ 【09】+ 【arm/ disarm authority】+ 【#】

Function Description: RFID arm/disarm authority means that the RFID card can disarm, arm, arm/ disarm to the host, the value range is 00-02. (00 = disarm; 01 = arm;02 = arm / disarm)

Application example: Set the authority of the RFID card for arming.

Programming steps: In the standby status, enter 8888880901, then press the # key to store data.

5.4. Enroll RFID card

Set steps: 【program password】+ 【90】+ 【#】

Function Description: Enroll RFID card means that enroll the RFID card to the keypad, so that the keypad has the function of arm / disarm by swiping card.

Programming steps: In the standby status, enter 88888890 #, then the RFID indicator flashes and enter the enroll mode, press the numeric keypad [1-8] to learn the corresponding RFID card 1-8.If the RFID indicator is flashing ,it means the current RFID card has not yet been enrolled;if the indicator long bright ,it means that the current address has already been enrolled, long press [*] for 3 seconds to delete the current address, press [#] to exit the RFID enroll mode.

5. 5. Recovery of factory default

Set steps:【program password】+【99】+【#】

Function Description: Set the keyboard to recover the factorydefault .

5. 6. Factory settings

Directive address	Program list	Factory default		Directive address	Program list	Factory default
00	Program password	888888		05	User password 5	000000
01	Use password 1	011111		06	User password 6	000000
02	User password 2	012222		07	User password 7	000000
03	User password 3	013333		08	User password 8	000000
04	User password 4	014444		09	RFID arm/ disarm authority	00

Note: When you forget the program password,please press the [*] and [#] keys together within 15 seconds when the keypad re-power until you hear 2 short "Di" to recover the factory default.

6. Technical parameters

Size: 141mm×140mm×25mm(length×width×thickness)

Power: DC 5V 1A

Battery: 3. 7V / 800mAh

Standby current: ≤60uA

Alarm current: ≤50mA

Standby time: 1 year or so（After the battery is fully charged)

Siren alarm: ≤ 70dB

Wireless working frequency: 433. 92MHz

Wireless emitting distance: ≤250 meters（in the open area）

Working environment: Working temperature -20 ℃~+55 ℃ Relative humidity 40~80%