Wireless Keypad
User Manual

Table of Contents

Get to Know Your System

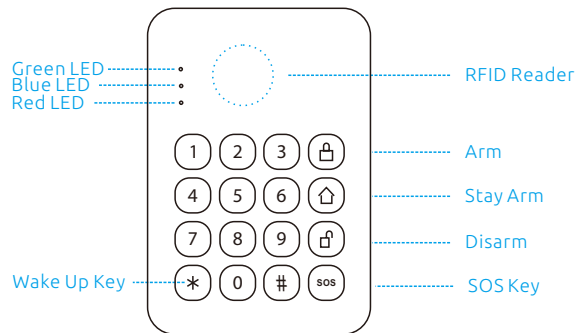The KP-AI wireless keypad works as arming/disarming devices, secured with admin and user password. It can be installed at entry /exit locations. Once there's an emergency situation, press the SOS panic button. Moreover, the keypad can be connected with an electronic door lock to work as an access control system. RFID tag enable user to disarm the system and open the door at the same time, which is very convenient and suitable for homes and offices.

Parts List

3 x 1.5V AAA LR03 Battery

1 x User Manual

4 x Wood screws with plastic stoppers

Wireless keypad

1 x Wired Cables
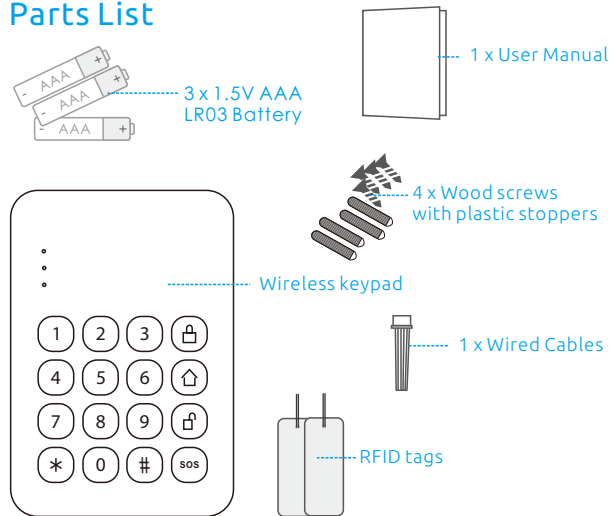
RFID tags

Working Status of Keypad

Green LED
Blue LED
Red LED
RFID Reader
Arm
Stay Arm
Disarm
Wake Up Key
SOS Key
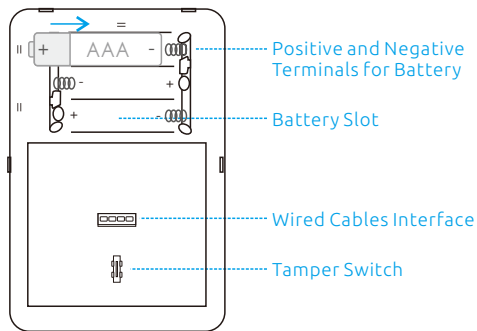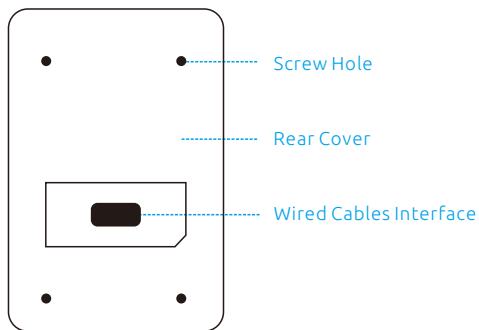
RFID tags

RFID Tags: Up to50 pcs can be expanded.
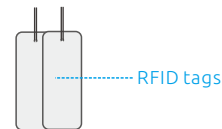
Green LED Normal On: Power on
Blue LED Flashes Once: Arm/Stay Arm or Disarm
Red LED Flashes Once: Wrong programming
Red LED Flashes Once Every 3 Seconds: Low battery indication, please replace the batteries.

Positive and Negative
Terminals for Battery

Battery Slot

Wired Cables Interface

Tamper Switch

Tamper Switch: The tamper switch will be
activated if case is opened.

Screw Hole

Rear Cover

Wired Cables Interface

Installation

1. Open the keypad case, fix the rear cover at the suitable
mounting location, please make sure the location level and
fix the rear cover in position on the wall by screws.
2. Fasten the front cover of keypad on the rear cover.
3. Screw the bottom on.
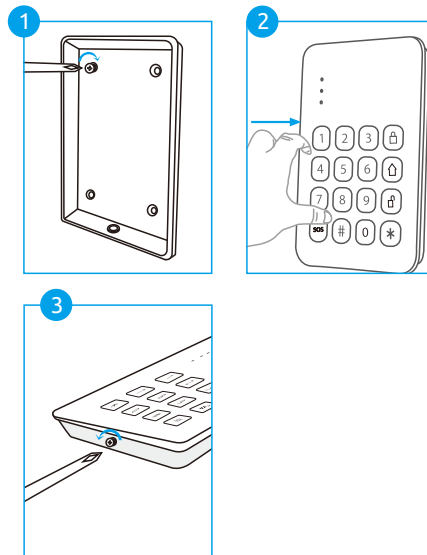
Digital Keypad Operation

In power saving mode, please press "*" to activate keypad. Then please enter admin password # or user password # before operating the digital keypad.

Admin password is 123456 as default
User password is 1234 as default

Note! Press"*"to activate keypad, no operations within 5 seconds, keypad will exit setup state automatically.

Arm 🔒

Press 🔒, keypad and control panel beeps once to enter arming state. Any detectors triggered will activate the system to alarm immediately. The system simultaneously calls the preset phone numbers.

Stay Arm (Home Mode) ⌂

Press ⌂, control panel beeps once to enter arming state after 3 seconds. The accessories in home mode are disarmed, this allows the user to move freely at home, while the rest of the system is fully armed, the accessories in normal zones will activate an immediate alarm when triggered.

Disarm 🔓

Press 🔓, keypad beeps once and control panel beeps twice into disarming state, the electronic door lock will be opened as well (If connected).

Mute Mode ⌂ + 🔒 / 🔓

Press "⌂" button, then press"🔒" or"🔓" within 3 seconds to enter arming or disarming state in mute mode without disturbing someone.

SOS Emergency Call 0

Once there's an emergency situation,press SOS for 3 seconds to activate an immediate alarm.

Note! To avoid any false operation, please enable functions of " Emergency Call with Password" refer to Page9.

Disarm by RFID Tag/Card
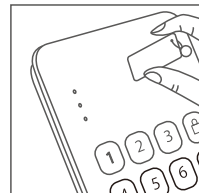
In power saving mode, press"*"to activate keypad. Put RFID tag close to the RFID reader to disarm the system. And the electronic door lock will be opened as the same time.

User can directly put RFID tag close to the RFID reader to disarm the system if system is not in power saving mode.

Settings

Enter Setup State

In power saving mode, press" ✳ "to activate keypad. Enter
"admin password#9", blue LED light up to enter setup state.
Please enter the commands as below to setup. Keypad will
be programmed successfully after one beep is heard.
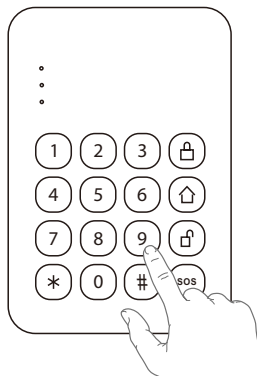
Admin password is 123456 as default
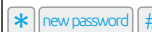
☞ | ✳ | admin password | # | 9

Note! No operation within 30seconds, keypad will automatically
exit setup state. User can press "🔒" "🔓 ", "🏠" or "SOS"
 during programming, keypad beeps twice to exit setup state.

Command Menu Setup

| Function	Press Button	Mark	Factory Default
Quick Arm On	✳ 1 #	When quick arm function is enabled, users can press ✳+🔒to arm the system without password.	
Quick Arm Off	✳ 1 ✳		Default
Touch Tone On	✳ 2 #		Default
Touch Tone Off	✳ 2 ✳	Power saving mode. After touch tone is off, Green LED flashes once when button is pressed..	
RFID Function On	✳ 3 #		Default
RFID Function Off	✳ 3 ✳	Once RFID function is enabled, user cannot disarm the system by the RFID cards.	
Emergency Call with Password	✳ 4 #	Please enter the password before triggering SOS button.	
Emergency Call without Password	✳ 4 ✳	Press SOS button for 3 seconds without password	Default
Normal Working Mode On	✳ 5 #	If keypad is powered by DC 12V power, normal working mode is recommended.The green LED keeps on. And digital keypad can be operated without pressing activate key. In normal mode, user can disarm the systemwith RFID cards close to the reader directly	

Function	Press Button	Mark	Factory Default
Normal Working Mode Off	✳ 5 ✳	If keypad is powered by the batteries, power saving mode is recommended. Keypad should be activated by pressing activate key before operating. No operation within 5 seconds, system enters power saving mode.	Default
Disarm System by RFID Card in Mute Mode	✳ 6 #	Disarm the system without 2 beeps are heard	Default
Disarm System by RFID Card in Sound Mode	✳ 6 ✳	2 beeps will be heard when system disarm	
Change Admin Password	✳ new password #	6 digits	123456
Change User Password	✳ new password #	4 digits	1234

Enroll the keypad to the control panel

Press enroll button of control panel, the enroll LED light up, press" ✳ "to activate keypad, and then press "SOS", the connection is successful after 'enroll' LED flashes once and one beep is heard.

Note! System will exit automatically after 20 seconds; User can press the enrolling button to exit.

Connecting Electronic Door Lock

Door Release Exit Button

12V   GND

push   GND

Power Supply

Electronic Door Lock
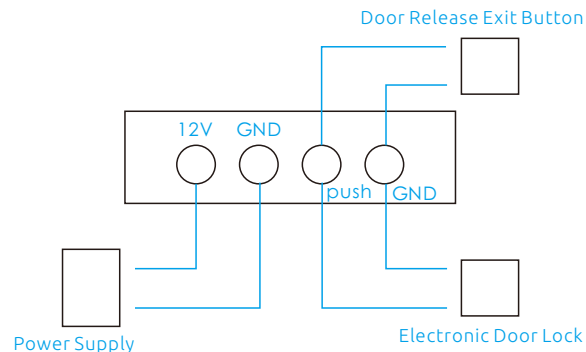
- Connect PUSH and GND of electronic lock, when system is disarmed, door will be opened at the same time.
- Connect PUSH and GND of Door Release Exit Button; User can press the exit button to open the electronic door lock.
- Connect 12V and GND to offer power supply for wireless keypad.

Add/Delete RFID Tag/Card

RFID Enrollment (Up to 50 pcs can be expanded)

Press"*"to activate keypad, then enter "admin password# 8", green LED light up; Put RFID tag close to the RFID reader, the enrollment is successful after one beep is heard and blue LED flashes once.
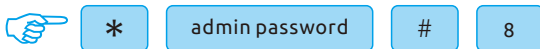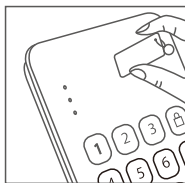
| ☞ | * | admin password | # | 8 |

Note! If 2 deeps are heard and red LED flashes twice, it indicates that RFID tag has been enrolled before. RFID tags can be continuously enrolled into keypad within 30 seconds.
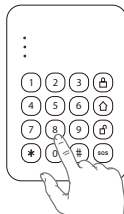
Clearing a RFID Tag

Press "*" to activate keypad, then enter "admin password# 0 ", red LED light up; Put RFID tag close to the RFID reader, the RFID tag is deleted after blue LED flashes once and one beepis heard.
Note! RFID tags can be continuously deleted within 30 seconds.

Clearing All RFID Tags

Press"*"to activate keypad, then enter "admin password # 0", red LED light up; Press and hold "0 " button up to 3 seconds, all RFID tags are deleted after one long beep is heard.

| ☞ | * | admin password | # | 0 |
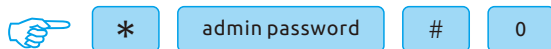
Restore System to Default Settings

Please press the tamper switch up to 5 times, keypad is successfully restored after one long beep is heard.

Note: Restoring operation will not delete the enrolled RFID tags.

Specification

Product Name:	Keypad
Power Supply:	3pcs of 1.5V AAA / LR03 Battery
Standby Current:	≤6μA
Disarm by RFID Current:	≤40mA
Expandable RFID Card/Tags:	50pcs
Rf无线频率 :	315MHZ/433MHZ(±75KHz)
Housing Material:	ABS plastic
Operation condition:	Temperature: -20°C~55°C
	Humidity: 80% (non-condensing)
Size (L×W×H):	141×96×14.5mm

Maintenance

Keypad requires an adequate maintenance to make sure it works properly and prolong its usage life.

Regular check & Forbiddance

1. Make sure the keypad is enrolled into control panel before use.
2. The power supply of keypad should be checked as often as necessary to avoid any transmitting distance caused by lower battery.
3. Check the keypad regularly to ensure the system works properly in case of emergency.
4. Please install the keypad in place where is shading, ventilative and drying.
5. Do not install the keypad at flammable and explosive place.
6. The keypad is made of ABS. Please keep it away from strong light.
7. Do not disassemble the system to avoid causing malfunction or any unnecessary accidents.
8. Please keep away from air conditioner, waver.

Maintenance

Light dusting or clearing fingerprint with a soft cloth or tissue. Please wipe the surface by a soft cloth with a little dilute alkaline detergent slightly wipe the surface and then wipe again with a dry cloth.

Frequently Asked Questions

1.Why wireless keypad cannot work?

A.Please check if the keypad is in low battery or the positive
 and negative terminals are revered.
B.No programming within 30 seconds, the keypad will enter
 power saving mode, please press "*" to activate.

2.Why wireless keypad cannot connect to control panel?

A.Make sure the alarm panel is powered on. And confirm
 wireless keypad had been enrolled to control panel.
B.Please check whether any metals are nearby to interfere
 the signal.
C.The distance between wireless keypad to control panel is
 80 meters in open area. It is suggested that the distance
 should not be too far.

3.Why RFID tags cannot disarm the system?

A.Please check if the RFID tags were enrolled to the keypad,
 Please refer to Page 12 for operation guide.
B.Please check the LED indication and to see if system is in
 power saving mode. Before using the RFID tags to disarm
 the system, please press "*" to active first.
C.Please check if the RFID disarming function is disabled,
 Please follow the user manual Page9 to enter setup state
 and enable the RFID disarming function.