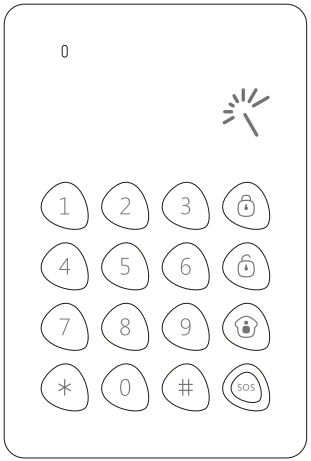
KP-700

Keypad



Operation Manual

Please read this manual carefully before use.
Please keep it properly for further reference.

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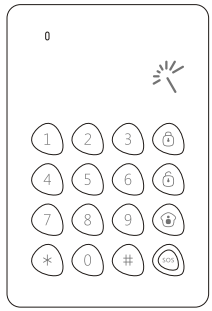
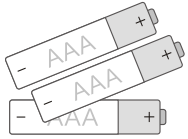
Foreword

Thank you for purchasing this wireless keypad. It is recommended to install outside the entry door and users can achieve operations such as arm, disarm, stay mode after inputting passcode. Moreover, the keypad can connect with an electronic door lock to work as an access control system for homes and offices. When users are leaving rooms, just close the door, the electronic lock will be locked automatically. Before entering house, just input the passcode and then press [Disarm] key or put RFID tag purchased separately close to the RFID reader to disarm the system. By this way, the door will be opened easily, which is very convenient.

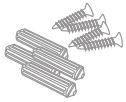
Parts List



Keypad x 1

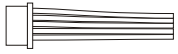


AAA 1.5V battery x 3



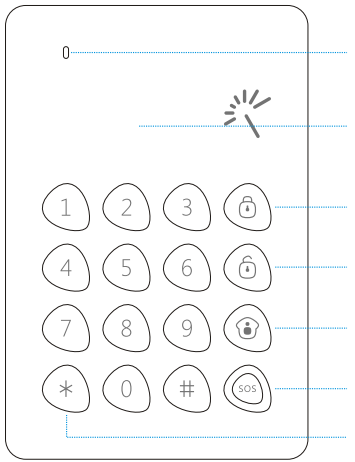
Screw x 4

Manual x 1



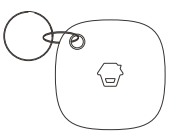
Wired Cables x 1

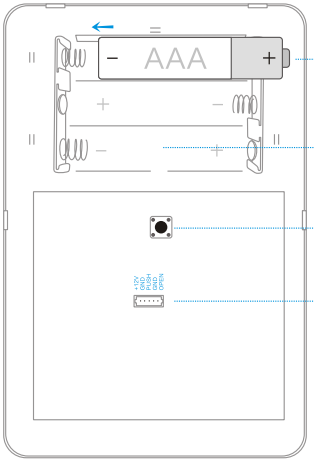
Appearance

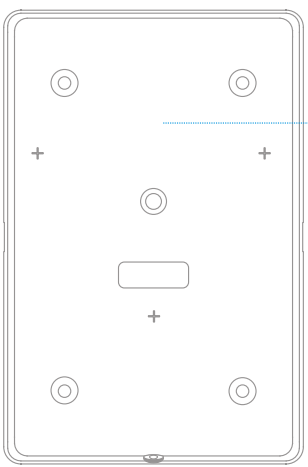


① RFID tag / card (125KHz) can be purchased separately. Max. 50 pcs are supported.

RFID Tag







Preparation before Use

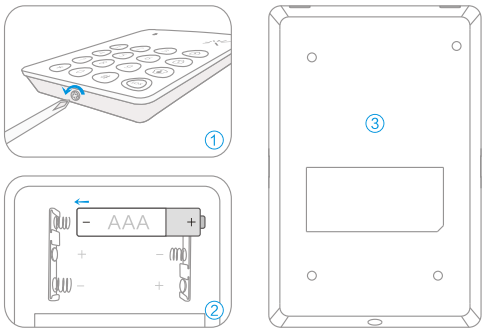
Power on

1. Keypad uses 3pcs of AAA batteries.

① Loose the screw, open the case

② Put in batteries according to the positive and negative signs

③ Close the rear cover and screw on



Remove the insulating strip for first time.

Note! Open the rear cover of keypad will trigger tamper switch, please dismiss the alarm by following the disarm instruction in page 20.

2. When connected with electronic door lock as an access control, keypad is suggested to use the specific power supply for access control.

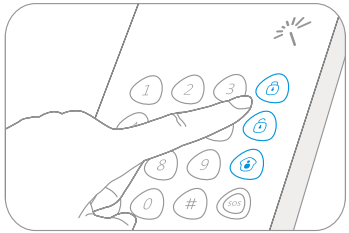
To know connection steps, please refer to the instruction manual of electronic door lock. The electronic door lock and specific power supply for access control should be purchased respectively.

Connect Keypad to Control Panel

Make sure the control panel is in connecting state, input user code or admin code on keypad, and then press any key of **[Arm] [Disarm] [Stay Mode]**. The connection succeeds after one beep.

User can remotely control the panel via the keypad after connection.

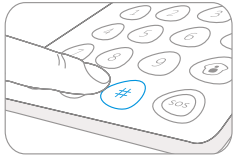
(To know connection steps, please consult the panel's manual.)



Connect Keypad with RFID Tag

1. Input **[admin code① + #]** to wake up keypad.
Three beeps mean wrong input.

Wrong input for 6 times continuously, the keypad will be locked for 20 seconds.

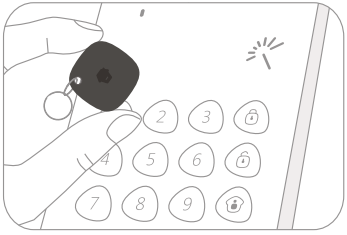


① Default admin code: 123456

2. Press [9], one beep is heard and the LED indicator is on. Keypad enters the learning state.

3. Put RFID tag close to the RFID reader, the connection succeeds after one beep and the LED indicator goes out.

If two beeps are heard, it indicates the RFID tag has been connected before.



To clear the connection of RFID tags, input [admin code + #] to wake up the keypad and then press down [9] for six seconds. RFID tags are all cleared after one beep.

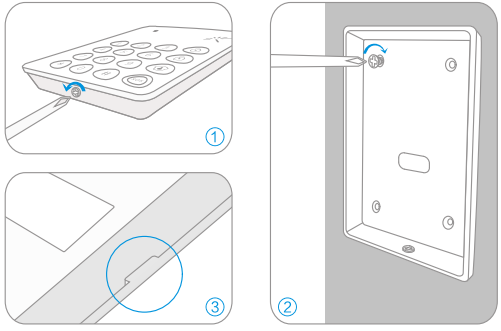
Connect Electronic Door Lock

To know connection steps, please refer to the instruction manual of electronic door lock.

Installation

Fix the keypad on the door frame or the wall before use.

① Loose the screw, open the case
② Fix the rear cover on the door frame or the wall by screws
③ Fasten the front cover of keypad on the rear cover. Secure two covers into place
④ Screw on



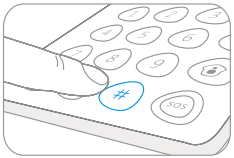
Note! Opening the rear cover of keypad will trigger tamper switch, please disarm the alarm by following the disarm instruction in page 20.

Settings

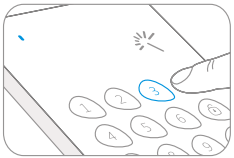
The keypad should enter setup state before all settings.

Enter Setup State

Input **[admin code① + #]** to wake up keypad.



Press **[3]** to enter setup state, the LED indicator is on.



Under setup state, if there is no operation within 10 seconds, the keypad will exit setup state automatically. You can also press **[#]** to exit.

① Default admin code: 123456

Delay Arm

When the alarm system is armed, detectors will start working immediately. At that time, if you still stay at home, it will trigger an alarm. After setting delay arm, press **[Arm]** on the keypad, the arm signal will be sent to the control panel after the set time.

This setting does not apply to Stay Mode.

If both control panel and keypad are set delay time respectively, the actual delay time is the total of both times.

Delay Arm

Enter setup state, input: **∗2∗ delay time ∗**

When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Once the delay time is set, when you arm the keypad, it will beep once every two seconds to remind you to leave. The reminding rhythm will speed up in the last 15 seconds. After the delay time, the control panel enters arm state.

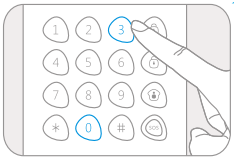
Note! User can input digital 0-250 which refers to 0-250 seconds. Default setting: 0, no delay.

Speed SOS Dial

User can choose to enable or disable speed SOS dial. If speed SOS dial is enabled, the control panel will alarm immediately when user holds the [SOS] key for 3 seconds. If it is disabled, user needs to input user code or admin code before holding the SOS key for 3 seconds. This function is to prevent false operation or trick.

Disable Speed SOS Dial

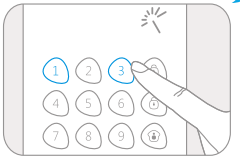
Enter setup state, input: ∗3∗0∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Enable Speed SOS Dial

Enter setup state, input: ∗3∗1∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

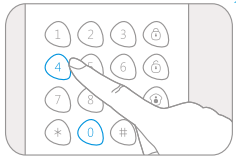
Note! Default setting: 0, speed SOS dial is disabled.

Keyboard Clicks

Keyboard clicks can be turned on or off.
If it is off, the successful setup tone will be closed too.

Turn off Keyboard Clicks

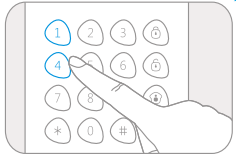
Enter setup state, input: ∗4∗0∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Turn on Keyboard Clicks

Enter setup state, input: ∗4∗1∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

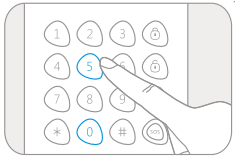
Note! Default setting: 1, turn on the keyboard clicks.

Disarm by RFID tag

User can enable or disable the function of disarming by RFID tag, or disarming silently by RFID tag.

Enable Disarming by RFID Tag

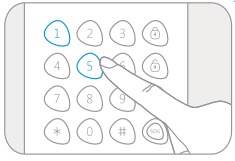
Enter setup state, input: ∗5∗0∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Disable Disarming by RFID Tag

Enter setup state, input: ∗5∗1∗

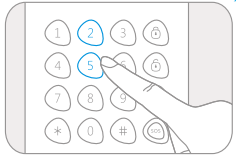


When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Disarming Silently by RFID Tag

The control panel and siren will hoot twice when disarming by RFID tag. If set disarming silently by RFID tag, the control panel and siren will keep silent to finish disarming without disturbing neighborhood.

Enter setup state, input: ∗5∗2∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

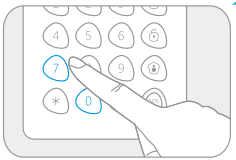
Note! Default setting: 1, turn on disarm by RFID tag and the siren will hoot when disarming.

Power Saving Mode

If the keypad is powered by batteries, power saving mode is recommended. In power saving mode, the keypad is in sleeping status when standby, user needs to press [*] to wake up the keypad and then put RFID tag close to the reader to disarm or unlock the door.

Turn on Power Saving Mode

Enter setup state, input: ∗7∗0∗

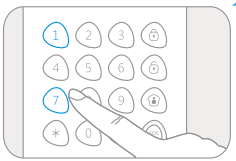


When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Turn off Power Saving Mode

If the keypad is powered by DC 12V power, normal mode is recommended. User can disarm the system by RFID tag directly, which is more convenient.

Enter setup state, input: ∗7∗1∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Note! Default setting: 0, turn on power saving mode. User needs to press [*] to wake up the keypad and then put RFID tag close to the reader to disarm or unlock the door.

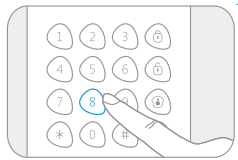
Change User Code

Using user code can wake up keypad, open electronic door lock, or send Arm, Disarm, Stay Mode commands to the control panel.

To avoid passcode reveal, please change user code when first time use.

Change User Code

Enter setup state, input: ∗8∗ new user code∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Note! User code is 4 digits; default code is "1234".

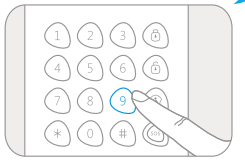
Change Admin Code

Using admin code can wake up keypad, send Arm, Disarm, Stay Mode commands to the control panel, and also change any settings of the keypad.

To avoid passcode reveal, please change admin code for first time.

Change Admin Code

Enter setup state, input: ∗9∗ new admin code∗



When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

Note! Admin code is 6 digits; default code is “123456”.

Reset

⚠ After reset, the user code, admin code, and other settings will restore to default except that the connected RFID tags can still disarm and open electronic door lock.

Enter setup state, input: ∗0∗∗

When one beep is heard and the LED indicator keeps on for 10 seconds, the setup is successful.

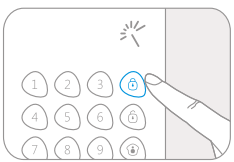
Usage

The keypad can be used as a remote control. User code or admin code should be input before the operation of Arm, Disarm, Stay Mode, and Mute Mode.

Arm

Input user code or admin code, and press **[Arm]** key, the LED indicator flashes once and the keypad beeps once and sends Arm command to the control panel.

When the alarm panel receives the signal, the siren will beep once and the Arm indicator will light on. The alarm system enters armed state.



If there is an intrusion, the alarm system will be triggered, the siren will hoot and the control panel will send SMS and auto dial to pre-stored phone numbers to notify users. (SMS notification is applicable only for GSM alarm systems.)

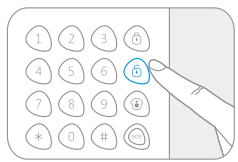
Disarm

Users can disarm alarm system by using keypad or by using RFID tags.

Using Keypad to Disarm

Input user code or admin code, and press **[Disarm]** key, the LED indicator flashes once and the keypad beeps once and sends Disarm command to the control panel.

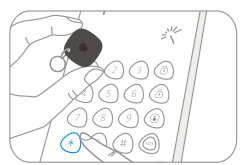
When the alarm panel receives the signal, the siren will beep twice and the Disarm indicator will light on, the alarm system enters disarmed state. In this state, the sensors being triggered will not cause an alarm.



Using RFID Tag to Disarm

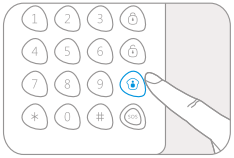
In power saving mode, user needs to press **[*]** to wake up the keypad and then put RFID tag close to the reader to disarm or unlock the door.

In non power saving mode, user can put RFID tag close to the reader to disarm or unlock the door directly.



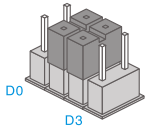
Stay Mode

Input user code or admin code, and press **[Stay Mode]** key, the LED indicator flashes once and the keypad beeps once and sends Stay Mode command to the control panel.



When the alarm panel receives the signal, the siren will beep once and the Stay Mode indicator will light on, the alarm system enters stay mode state.

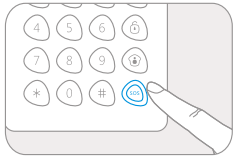
All the sensors in other zones are armed to prevent the intruder except that the motion detector in Home Mode Zone is disarmed, so that people can move freely at home.



Home Mode Zone
(Jumpers setting for accessories)

Emergency Call

When the keypad is in Speed SOS Dial mode, user just holds the **[SOS]** key for 3 seconds, the LED indicator flashes once, the keypad beeps once, and the control panel alarms immediately.



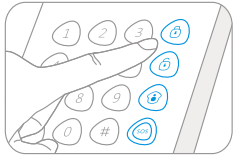
When the keypad is not in Speed SOS Dial mode, user needs to input user code or admin code before holding the **[SOS]** key for 3 seconds to send an alarm.

Mute Mode

Mute mode means that the LED indicators of control panel flash, but the siren does not beep, to avoid disturbing the neighborhood.

Input user code or admin code, and hold any key of **[Arm]** **[Disarm]** **[Stay Mode]** for 2 seconds, the LED indicator flashes once, the keypad beeps once and sends corresponding command to the control panel.

When the alarm panel receives the signal, the LED indicator lights on or off, but the siren does not beep.



Care and Maintenance

In order to avoid any harm to the users or others during usage and prolong the usage life, please abide by the following notices.

Usage Notices

General instruction
The keypad should be connected to control panel before use.
The power supply of keypad will probably impact on the transmitting distance of wireless signal.
The keypad can be powered by 3 pcs of AAA batteries, or wired by DC 12V.
The keypad is compatible for any our alarm system.
Please remove the battery insulating strip before use.
Do not press SOS key if there's no emergency to avoid disturbing the neighborhood.
Check the keypad regularly to ensure the system works properly in case of emergency.
The keypad is neither waterproof nor moisture-proof, please install it in a shady, cool and dry place.
The case of keypad is made of ABS. Please keep it away from strong light to ensure the lifetime.
Forbiddance
The keypad is non explosion-proof. Please keep it away from fire, flame sources.
Install the keypad away from objects such as heater, air conditioner, microwave oven etc. that produces heat or electric-magnetic.
Forbiddance of decomposition
Take the keypad for disposal of recycling according to the local regulation.
Do not take apart the product if you are not a professional technician.

Maintenance

You can get most dust or fingerprint off with a dry, soft cloth or tissue. If there is dirt on the keypad, please wipe the surface by a soft cloth with a little dilute alkaline detergent and then wipe again with a dry cloth.

FAQ

Problem	Cause	Solution
No response from keypad	Low battery	Please change the battery
	The positive and negative terminals are reversed	Follow the right terminal direction and inert the battery again
	Keypad is locked by inputting wrong passcode continually more than 6 times	Keypad will be unlocked after non-operation for 20 seconds
Keypad cannot connect to control panel	No response from alarm panel	Make sure the alarm panel is powered on
		Make sure the alarm panel enters learning state
	Alarm panel beeps twice	Keypad has been learned
No response from the control panel by operating on keypad	Keypad is not learned to control panel	Please connect the keypad to the control panel by following the manual instruction
	Distance between keypad and control panel is too far	Please move the keypad in a proper distance where control panel can receive the signal of keypad
		It's recommended to buy signal repeater to extend the distance
Cannot disarm by RFID Tags	The RFID tags are not learned to keypad	Please connect the RFID tag to control panel by following the manual instruction
	Disarm by RFID tag function is deactivated.	Enter setup state and activate the function of disarm by RFID tag
	Keypad is in power saving mode	Disarm after pressing [*] key
Keypad cannot be programmed	Keypad is not waked up	Please input [admin code+#] to wake up the keypad
	Keypad doesn't enter setup state	Please input [admin code+#], and press [3] to enter setup state
Keypad cannot be armed, disarmed and in stay mode	Haven't input user code or admin code before operation	Please input the user code or admin code before operation

Instructions of Wired Cables Interface (from Left to Right)

+12V (RED WIRE):
Positive of power

GND (BLACK WIRE):
Negative of power

PUSH (YELLOW WIRE):
Signal output for electronic lock

GND (WHITE WIRE):
Negative of power

OPEN (GREEN WIRE):
Signal input for exit switch

Technical Specifications

Product Name:
Keypad
Model No.:
KP-700
Power Supply:
3 pcs of AAA batteries or DC 12V
Static Current:
⩽ 3uA (powered by batteries)
Transmitting Current:
⩽ 10mA
RFID Tags Supported:
50pcs
Transmitting Distance:
⩽ 80m (in open area)
Radio Frequency:
315MHz or 433MHz
Housing Material:
ABS plastic
Operating Temperature:
-10℃~55℃
Relative Humidity:
⩽ 80%RH (non-condensing)
Dimensions:
135 x 90 x 15mm
Net Weight:
90g