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Get to Know Your System

The KP-AI wireless keypad works as an arming/disarming device, secured with administrator or user password. It can be easily installed at entry & exit locations. It also has an SOS emergency button in case of emergency. Also the keypad can be connected to an electronic door lock to work as an access control system. RFID tags enable user to disarm the system and open the door at the same time, very convenient and suitable for both homes and offices.

Parts List

- 1 x User Manual
- 3 x 1.5V AAA LR03 Battery
- 4 x Screws with plastic plugs
- Wireless keypad
- 1 x Wired Cables

Working Status of Keypad

- Green LED Normal On: Power on
- Blue LED Flashes Once: Arm/Stay Arm or Disarm
- Red LED Flashes Once: Incorrect programming
- Red LED Flashes Once Every 3 Seconds: Low battery indication, please replace the batteries.

RFID Tags: Up to 50 pcs can be expanded.

RFID Reader
Arm
Stay Arm
Disarm
SOS Key
RFID tags
RFID tags
RFID tags
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.

Tamper Switch: The tamper switch will be activated if case is opened.
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, if no operations are performed within 5 seconds, the 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 will then simultaneously call 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.

SOS Emergency Call

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

Note! To avoid any false operation, please enable “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.

You can use the RFID tag normally 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

Note! No operation within 30 seconds, means keypad will automatically exit setup state. Users can press "#" during programming, keypad beeps twice to exit setup state.

![Keypad Diagram]

<table>
<thead>
<tr>
<th>Function</th>
<th>Press Button</th>
<th>Mark</th>
<th>Factory Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Arm On</td>
<td>* 1 #</td>
<td>When quick arm function is enabled, users can press *+# to arm the system without password.</td>
<td></td>
</tr>
<tr>
<td>Quick Arm Off</td>
<td>* 1 *</td>
<td>Default</td>
<td></td>
</tr>
<tr>
<td>Touch Tone On</td>
<td>* 2 #</td>
<td>Default</td>
<td></td>
</tr>
<tr>
<td>Touch Tone Off</td>
<td>* 2 *</td>
<td>Power saving mode. After touch tone is off, Green LED flashes once when button is pressed.</td>
<td></td>
</tr>
<tr>
<td>RFID Function On</td>
<td>* 3 #</td>
<td>Default</td>
<td></td>
</tr>
<tr>
<td>RFID Function Off</td>
<td>* 3 *</td>
<td>Once RFID function is enabled, user cannot disarm the system by the RFID cards.</td>
<td></td>
</tr>
<tr>
<td>Emergency Call with Password</td>
<td>* 4 #</td>
<td>Please enter the password before triggering SOS button.</td>
<td></td>
</tr>
<tr>
<td>Emergency Call without Password</td>
<td>* 4 *</td>
<td>Press SOS button for 3 seconds without password</td>
<td></td>
</tr>
</tbody>
</table>
| 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 system with RFID cards close to the reader directly | }
Enroll the keypad to the control panel

Press enroll button of control panel, the enroll LED will 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

- 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 lights up; put RFID tag close to the RFID reader, the enrollment is successful after one beep is heard and blue LED flashes once.

Note! If 2 beeps are heard and red LED flashes twice, it indicates that RFID tag has been enrolled before. Multiple 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 lights up; put RFID tag close to the RFID reader, the RFID tag is deleted after blue LED flashes once and one beep is heard. Note! Multiple 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.

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**

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

**Maintenance**

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

**Regular check & things to avoid**

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 loss in transmission distance caused by low battery.
3. Check the keypad regularly to ensure the system works properly in case of emergency.
4. Please install the keypad in cool, dry, shaded location.
5. Do not install the keypad near any heat source (eg above a radiator).
6. The keypad is made of ABS. Please keep it away from strong light.
7. In the case of a fault, do not attempt to disassemble to the product, please contact your retailer if your product is still under warranty.

**Maintenance**

Light dusting or cleaning with a soft cloth is fine. Lightly wipe the surface with a soft cloth with diluted alkaline detergent then wipe again with a dry cloth.
Frequently Asked Questions

1. Why is my keypad not working?
A. Please check if the keypad has a low battery or if the positive and negative terminals are reversed.
B. If there is no programming within 30 seconds, the keypad will enter power saving mode, please press "*" to reactivate.

2. The keypad will not connect to the 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 near to the keypad which are interfering with the signal.
C. The optimal distance between the keypad & control panel is 80 meters in open area. Check that your keypad is within this distance.

3. Why won’t the RFID tags disarm the system?
A. Check if the RFID tags were enrolled to the keypad, Please refer to Page 12 for operation guide.
B. Check the LED indication and see if system is in power saving mode. Before using the RFID tags to disarm the system, please press "*" to activate first.
C. Please check if the RFID disarming function is disabled, follow the user manual Page9 to enter setup state and enable the RFID disarming function.