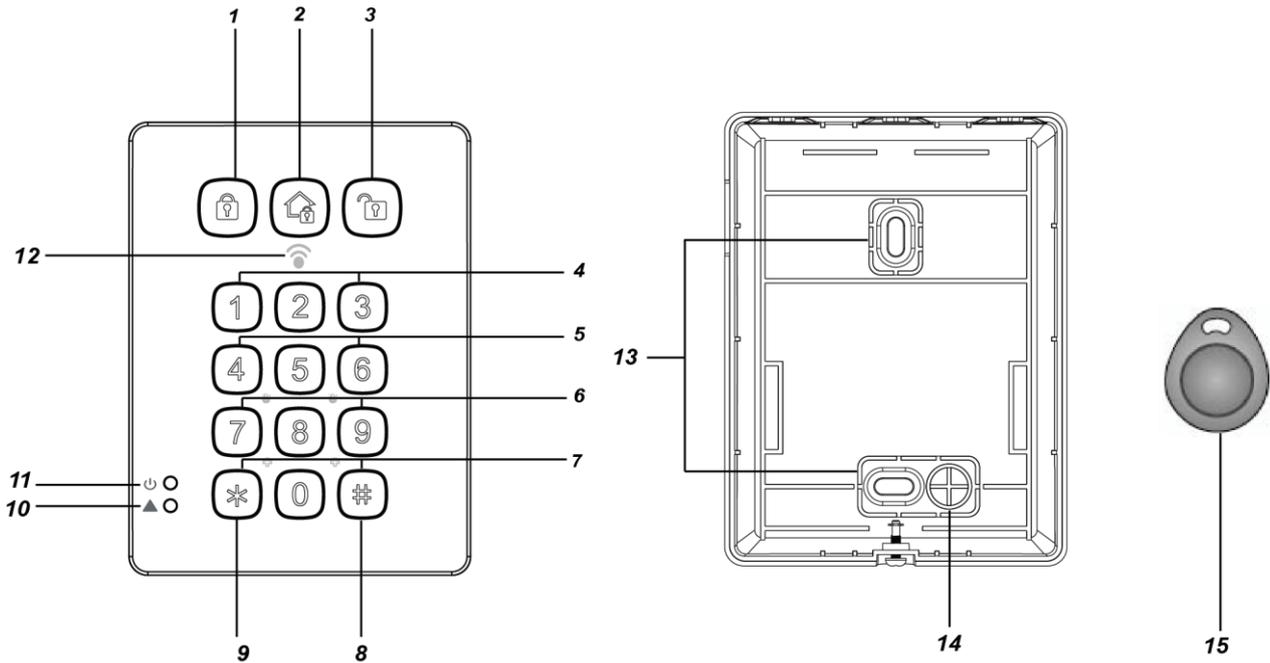


# REMOTE KEYPAD (KPT-39)

## ● Parts Identification



- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1. Arm Key</li> <li>2. Home Key</li> <li>3. Disarm Key</li> <li>4. Panic Alarm (if enabled)             <ul style="list-style-type: none"> <li>- press both 1 and 3 to trigger Panic Alarm</li> </ul> </li> <li>5. Fire Alarm (if enabled)             <ul style="list-style-type: none"> <li>- press both 4 and 6 to trigger Fire Alarm</li> </ul> </li> <li>6. Medical Alarm (if enabled)             <ul style="list-style-type: none"> <li>- press both 7 and 9 to trigger Medical alarm</li> </ul> </li> <li>7. Send Learning Code             <ul style="list-style-type: none"> <li>- press * then 7 Key (under Test Mode)</li> <li>- press both # and * keys (under Normal Operation Mode)</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>8. # Key             <ul style="list-style-type: none"> <li>- press to check current system mode</li> </ul> </li> <li>9. * Key</li> <li>10. Fault LED (Orange LED)</li> <li>11. Power LED (Green LED)</li> <li>12. Detection Area for RFID Tag             <ul style="list-style-type: none"> <li>- put the RFID tag close to the detection area to access the alarm system</li> </ul> </li> <li>13. Mounting Holes</li> <li>14. Tamper Switch</li> <li>15. RFID Tag</li> </ul> |
|--|--|

### <NOTE>

- ☞ A short beep will sound along with key pressing to indicate that the button pressed is valid.
- ☞ 4 continuous beeps will sound indicating mistake and the user should repeat the process again.

## ● LED Indicator

### ● Power LED (Green):

- On for 5 seconds: after successful completion of a valid keystroke sequence.
- Flash for 5 seconds: low battery in Normal Operation Mode.
- If the Power LED turns off before a valid keystroke sequence is completed, the previous entered keys are ignored.

## ● **Fault LED (Orange):**

- Disarm Key and Orange LED On along with 5 beeps: Alarm Memory (depend on Control Panel).
- Flash:
  - Flash only: No response sent by the control panel within 10 seconds.
  - Flash along with 2 beeps: Request for Home mode during Arm mode.
  - Flash along with 3 beeps: Request for Home or Arm Mode when fault condition exists.
  - Flash along with 4 beeps: PIN code was incorrect.

## ● **General Operation**

- Enter Test mode — Enter Keypad PIN code and then press \* key.
- Panic Alarm — Press **1** key + **3** key at the same time. (if the function is enabled)
- Fire Alarm — Press **4** key + **6** key at the same time. (if the function is enabled)
- Medical Alarm — Press **7** key + **9** key at the same time. (if the function is enabled)
- Check Control Panel Status — Normal Mode Press **#** key.
- Enable/Disable Entry & Exit Sound — Press **1** key + **2** key at the same time for 2 seconds. (The Keypad will emit one long beep to indicate the function is enabled, and emit 2 short beeps to indicate the function is disabled.)

## ● **Power**

- Remote keypad uses one CR123 3V Lithium battery as its power source.
- Remote keypad can also detect the battery status. If the battery voltage is low, the Power LED will flash for 5 seconds during operation. The Low battery signal will be sent along with regular signal transmissions to the Control Panel for displaying the status accordingly.
- Before shipment, the battery is pre-installed by the factory.
- When changing battery, press any key a couple times to discharge before inserting new battery.

## ● **Power Saving Feature**

- When idle, remote keypad is in **Stand-by** mode and uses no power. It will activate and **wake-up** for 5 seconds when any key is pressed.
- After 5 seconds of key inactivity, the power goes off and it returns to **Stand-by** mode.

## ● **Tamper Protection**

- The keypad is protected against any attempt to open the lid or to detach keypad from its mounting surface.
- Tamper protection is disabled when the keypad is in Test Mode.

## ● **Supervision Signal**

- After installation, the Remote Keypad will automatically transmit Supervision Signals to the Control Panel at an interval of 30-50 minutes.
- If the Control Panel has not received the signal from the Remote Keypad for a preset period of time, the Control Panel will consider the Remote Keypad out of order and react according to panel setting.

## ● **Getting Started**

Step 1. Put the Control panel into learning mode, .

Step 2. Adding remote keypad into the Control Panel:

### **Test Mode:**

- I. Put remote keypad in Test mode by entering KP PIN code (default: **0000**), then press \* key.

The three    LEDs will turn on along with a long beep.

- II. Press \* key then **7** key to transmit learning signal. Remote keypad will sound a long beep.

### **Test Mode Function:**

- I. Press \* key and then 1 key — Enter tag learning/ management mode.
- II. Press \* key and then 2 key — Enable Dual-key Panic Alarm function
- III. Press \* key and then 3 key — Enable Dual-key Fire Alarm function
- IV. Press \* key and then 4 key — Enable Dual-key Medical Alarm function
- V. Press \* key and then 5 key — Disable all Dual Key function (Default)

VI. Press \* key and then 6 key — Edit Keypad Pin Code

Enter **Old** Keypad Pin Code and then press \* key

Enter **New** a new 4-digit Keypad Pin Code and then press # key.

VII. Press \* key and then 8 key — Enable Arm/ Home without PIN Code function.

(Please refer to “**Arm/Home without Control Panel PIN Code**” for details, page 4).

VIII. Press \* key and then 9 key — Enable Arm/ Home with Control Panel User PIN Code function (Default).

(Please refer to “**Arm/Home with Control Panel PIN Code**” for details, page 4).

#### <NOTE>

- ☞ If the remote keypad did not sound a long beep, it means the remote keypad did not send the learning code to the Control Panel, please press \* key then 7 key again to send the learning code.
  - ☞ If the Control Panel receives the learning code, it will display the info accordingly. Refer to the operation manual of your Control Panel to complete the learn-in process.
  - ☞ After Control Panel receives the signal from remote keypad, it will send an acknowledgement back to remote keypad. The remote keypad will then beep 3 times to confirm the acknowledgement has been received. If remote keypad does not perform 3 beeps, please restart the learning procedure.
- Step 3. After the remote keypad is learnt-in, put the Control Panel into **Walk Test** mode, hold the remote keypad in the desired location, and send the learning code to the Control Panel to confirm this location is within the signal range of the Control Panel. To send the learning code, either press the \* key then 7 key under Test Mode or press both # and \* keys together under Normal Operation Mode.
- Step 4. When you are satisfied that the remote keypad works in the chosen location, you can proceed with mounting the remote keypad following the steps described below (please refer to “**Mounting Remote keypad**” for details).
- Step 5. Press Disarm key **twice** to leave Test mode and the installation is completed. Remote keypad will sound a long beep and three system mode LEDs will turn off. The remote keypad returns to Normal Operation mode.

#### <NOTE>

- ☞ The remote keypad will automatically exit Test mode after 5 minutes of inactivity and return to Stand-by mode. All the LEDs will turn off and the Keypad will emit one long beep.

## ● Tag Learning/Clearing Procedures

The Keypad is capable of storing information from RFID tags and assigns a PIN Code to each RFID tag stored in memory. The RFID tag can then be used to control alarm system mode through the Keypad.

The Keypad can learn up to 100 RFID tags with up to 50 PIN Codes.

#### Tag Learning procedure

- Step 1. Enable remote keypad to enter Test mode first. Enter the Keypad PIN code (default: **0000**) followed by \* key. While entering the PIN code, the **Power LED** (Green) will turn on. The **Power LED** will then turn off and sound a long beep.
- Step 2. Press \* key and then 1 key to enter the Tag Learning mode. The **Fault LED** (Orange) will turn on and sound a long beep.
- Step 3. Enter a new PIN code followed by # key. The Keypad will emit a long beep, and the orange LED will begin to flash for 5 seconds to indicate it is ready to learn a tag.
- Step 4. Within 5 seconds, apply a tag to the Keypad detection area to pair it with the User PIN Code just entered.
- Each tag paired will reset tag learning time to 5 seconds. You can pair multiple tags with a single User Code by applying the tags one by one.
  - The Keypad will exit tag learning mode after 5 seconds of inactivity.
  - If the tag learnt in is new, the Keypad will emit 2 short beeps.
  - If the tag learnt in already exists in Keypad (assigned to another PIN Code), the Keypad will emit 1 short beep.
- Step 5. To learn in another Tag, please repeat step 3 to step 4. The keypad will exit tag learning mode automatically after idling for 5 seconds.
- Step 6. Press  key to exit tag learning mode.

#### ● Error Condition:

- If the Control Panel User Code entered exceeds maximum PIN code digits, the Orange LED will flash along with 4 short beeps to indicate error.
- If the Keypad has already stored 50 Control Panel PIN Codes, it will emit 4 short beeps to indicate error when you attempt to enter the 51<sup>st</sup> PIN Code.
- If the Keypad has already learnt in 100 RFID tags, it will emit 4 short beeps to indicate error when you attempt to learn in the 101<sup>st</sup> RFID tag.

#### Tag Clearing Procedure:

You can clear tag information.

- Step 1. Enable remote keypad to enter Test mode first. Enter the Keypad PIN code (default: **0000**) followed by \* key. While entering the PIN code, the **Power LED** (Green) will turn on. The **Power LED** will then turn off and sound a

- long beep.
- Step 2. Press \* key and then 1 key to enter the Tag Learning mode. The **Fault LED** (Orange) will turn on and sound a long beep.
- Step 3. If you wish to remove a Control Panel PIN Code stored in the Keypad and all tags assigned to this PIN Code, enter Control Panel User code and press \* key, a long beep will sound.
- If you wish to clear only a specific tag, press \* key with a long beep and Orange LED will flash for 5 seconds. Apply tag to the Keypad detection area within 5 seconds:
- If the tag applied exists in Keypad, the Keypad will sound 2 short beeps to indicate the tag data has been removed.
  - If the tag applied does not exist in Keypad the Keypad will sound 4 short beeps to indicate error.
  - Each tag applied will reset the tag removal timer to 5 seconds, you can remove multiple tags by applying the one by one.
- Step 4. The Keypad will exit tag removal mode automatically after idling for 5 seconds.
- Step 5. Press  key to exit tag learning mode.

## ● **System Mode Control**

After finish learning the Keypad into alarm system Control Panel, the user may change the system using Keypad. There are two ways to arm the system.

- I. Away Arm / Home Arm the system by entering Control Panel User PIN Code.
  - II. Away Arm / Home Arm the system without entering Control Panel User PIN Code.
- Disarming the system always requires entering Control Panel User PIN Code.

### **Arm/Home with Control Panel PIN Code:**

Under Test mode, Pressing \* key and then 9 key to enable Arm/ Home with PIN Code function.

- **Enter Arm Mode:** Enter any one of Control Panel user code and press  key, or press  key and apply a tag. If panel has no fault and arming is successful, the  LED will turn ON along with a long beep.
- **Enter Home Mode:** Enter any one of Control Panel user code and  key, or press  key and apply a tag. If panel has no fault and arming is successful, the  LED will turn ON along with 3 beeps.
- **Return to Disarm Mode:** Enter any one of Control Panel user code and press  key, or press  key and apply a tag. If disarm is successful, the  LED will turn ON along with 2 beeps. If there is **Alarm Memory**, the  LED and fault LED will turn ON along with 5 beeps.

### **Arm/Home without Control Panel PIN Code:**

In the Test mode, Pressing \* key and then 8 key to enable Arm/ Home without PIN Code function

- **Enter Arm Mode:** Press  key. If panel has no fault and arming is successful, the  LED will turn ON along with one long beep.
- **Enter Home Mode:** Press  key. If panel has no fault and arming is successful, the  LED will turn ON along with 3 beeps.
- **Return to Disarm Mode:** Enter any one of Control Panel user code and  Key, or press  key and apply a tag. If disarm is successful, the  LED will turn ON along with 2 beeps. If there is **Alarm Memory**, the  LED and fault LED will turn ON along with 5 beeps.

## ● **Entry/Exit Sound**

- After the Entry/Exit Sound is enabled by pressing **1** key + **2** key at the same time for 2 seconds (indicated by one long beep), the keypad will sound beeps when the Entry/exit timer is activated.
- After the Entry/Exit Sound is disabled by pressing **1** key + **2** key at the same time for 2 seconds (indicated by two short beeps), the keypad will remain silent when the Entry/exit timer is activated.

## ● **Fault Conditions**

When Remote Keypad is under **NORMAL OPERATION MODE**,

- a) When fault condition exists within Control Panel, if the Keypad is used to arm the panel, the Fault LED will flash along with 3 beeps to indicate fault condition.
- b) When the Keypad disarms the panel, the  LED will turn ON along with two beeps indicating normal operation.
- c) If you input incorrect KP Pin code for 4 times within 10 minutes under test mode, KP will disable the key function for 1 minute and all the LEDs will flash 3 times along with 6 beeps. After 1 minute, it will emit a long beep to indicate that the key function is back to normal.
- d) If you input incorrect KP Pin code for 4 times within 10 minutes when changing system mode, KP will disable key function for 5 minutes. After 5 minutes, the keypad will emit a long beep to indicate that the key function is back to normal.

## ● **Factory Reset**

Resetting the Keypad to factory default will restore Keypad's own PIN Code to 0000 and clear all panel learning memory.

### **Reset to factory default:**

Step 1 Remove the batteries and release the tamper.

Step 2 If "**Arm/Home with Control Panel PIN Code**" method is selected, press & hold **3** key while inserting the battery back.

If "**Arm/Home without Control Panel PIN Code**" method is selected, press & hold **4** key while inserting the battery back.

Step 3 Continue pressing **3** key until KP emit 3 beeps to indicate successful reset.

Continue pressing **4** key until KP emit 4 beeps to indicate successful reset.

Step 4 Release **3** or **4** key, the reset process is complete.

- ☞ After reset, PIN code reverts to factory default values, 0000. Remote keypad will need a new learn-in process to start functioning.
- ☞ Whenever the Keypad is removed from the Control Panel, it should be put to factory reset as well to clear its Control Panel memory.

## ● **Mounting Remote Keypad**

To mount the remote keypad:

- I. Remove the front cover.
- II. Using the 2 mounting holes of the back cover as a template, mark off the positions in the most appropriate place.
- III. Insert the wall plugs if fixing into plaster or brick surface.
- IV. Screw the remote keypad onto the wall plugs.
- V. Replace the front cover.