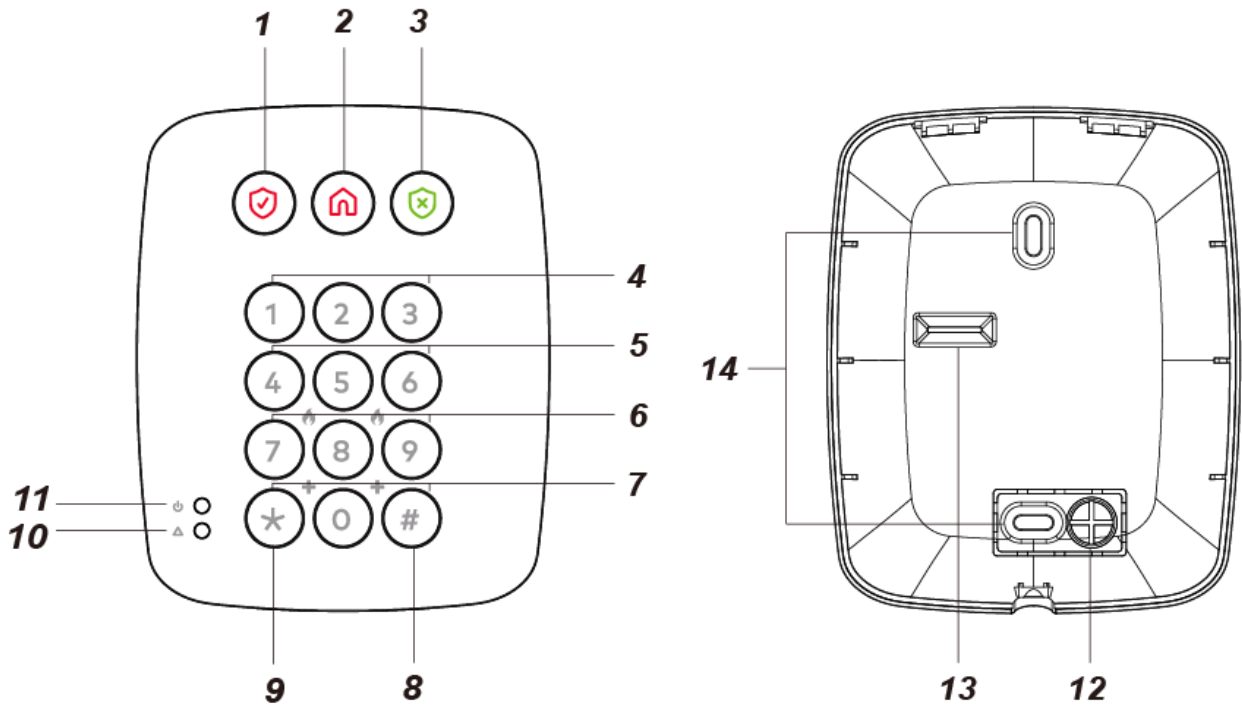# REMOTE KEYPAD (KP-39B-ADC2)

● *Parts Identification*

1. Arm Key

2. Home Key

3. Disarm Key

4. Panic Alarm (if enabled)

    -   Press both 1 and 3 to trigger Panic Alarm

5. Fire Alarm (if enabled)

    -   Press both 4 and 6 to trigger Fire Alarm

6. Medical Alarm (if enabled)

    -   Press both 7 and 9 to trigger Medical Alarm

7. Sending learning code

    -   Press ✻ and the key 7(under Test Mode)

    -   Press both # and ✻ (under normal operation mode)

8. # Key

9. ✻ Key

10. Fault LED (Orange)

11. Power LED (Green)

12. Tamper Switch

13. Battery Insulator

14. Mounting Holes

<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 9 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.

● *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 t**o 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 15-18 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 LEDs of ⊘ ⌂ ⊗ will turn on along with a long beep.
   II. Press ✳ key then **7** key to transmit leaning signal. Remote keypad will sound a long beep.

Test Mode Function:

    I.   Press ∗ key and then 2 key — Enable Dual-key Panic Alarm function

    II.   Press ∗ key and then 3 key — Enable Dual-key Fire Alarm function

    III. Press ∗ key and then 4 key — Enable Dual-key Medical Alarm function

    IV. Press ∗ key and then 5 key — Disable all Dual Key function (Default)

    V.   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**.**

    VI. 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 3).*

    VII. 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 3*).

<u>*<NOTE>*</u>

☞   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.

<u>*<NOTE>*</u>

☞   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.

● *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/Disarm 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. If panel has no fault and arming is successful, the LED of ⊘ will turn ON along with a long beep.

➢   **Enter Home Mode**: Enter any one of Control Panel user code and ⌂ key. If panel has no fault and arming is successful, the LED of ⌂ will turn ON along with 3 beeps.

➢   **Return to Disarm Mode**: Enter any one of Control Panel user code and ⊗ key. If disarm is successful, the LED of ⊗ will turn ON along with 2 beeps.

       If there is **Alarm Memory,** the LED of ⊗ and the fault LED will turn ON along with 5 beeps.

Arm/Home/Disarm 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 of ⊘ will turn ON along with one long beep.

➢   **Enter Home Mode**: Press ⌂ key. If panel has no fault and arming is successful, the LED of ⌂ will turn ON along with 3 beeps.

➢   **Return to Disarm Mode**: Enter any one of Control Panel user code and ⊗ key. If disarm is successful, the LED of ⊗ will turn ON along with 2 beeps.

       If there is **Alarm Memory,** the LED of ⊗ and the fault LED will turn ON along with 5 beeps.

● *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 of ⊗ will turn ON along with two beeps indicating normal operation.
  c) If you input incorrect KP Pin code for 4 times 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.

● *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.

<NOTE>

  ☞ Resetting the Keypad to factory default will restore Keypad's own PIN Code to 0000. After reset, the 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.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:
. Reorient or relocate the receiving antenna.
. Increase the separation between the equipment and receiver.
. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
. Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.