Foreword

Dear Users,

Thanks for choosing our alarm system. For better operation of the system, please read the instruction manual carefully before using.

After reading, please keep the manual carefully for future reference.

Copyright Information

- The product, including but not limited to granted or pending patents, is under protection of the patent laws of PRC or other countries.
- We reserve the rights for modification of the specification or price of the product.

Security Overview

Read the following security precaution measures to prevent any personal injury or damage to the product, while making the best of its function.

- Use the correct power supply. voltage: 12V, current: >1A.
- To avoid the damage of the main unit caused by wrong connection, installation shall be performed by professionals.
- Please don't press the touch keyboard of the main unit heavily.
- Please don't use the product in damp environment.
- Please don't use the product under inflammable and explosive conditions.
- Keep the surface of the product clean and dry.
- Maintain proper ventilation.

Foreword

This manual introduces the performance characteristics and operation procedure of the product.

Chapter 1   Functions and Advantages

Wireless **GSM** intelligent anti-theft electronic alarm system is an innovative mobile intelligent alarm device integrating **GSM** digital signal processing techniques and imported STC microprocessor, and a variety of technologies including digital voice announcer, SMS, learning code pairing, etc. In addition, this alarm system is highly automatic, giving automatic voice or SMS alert in the event of emergency without intensive manual settings required. Features of stability, reliability, safety, and humanizing control enable it to be widely used for security in shops, convenience stores, offices, villas, residential communities, etc.

- 128X64 dot matrix display in both Chinese and English language. The built-in clock is convenient for time checking.
- Original operation system for the main unit allows simple operation.
- Support card access control system, needless to carry the traditional remote control.
- **4** wired and **10** wireless zones, each can support 10 detectors (the maximum is 100).
- Code pairing for up to **8** wireless remote controls.
- Built-in intercom speakers with high acoustic quality and large volume.
- Arm/disarm at regular time.
- Preset **6** alarm phone numbers, which the main unit shall dial automatically to make voice alarm.

- Preset **3** SMS numbers, to which the main unit shall send the alarm SMS automatically.
- **10**s of manual recording.
- Built-in digital voice announcer, which shall report alarm conditions automatically.
- Built-in SMS in English/Chinese, which shall be sent automatically.
- Telephone function, allowing communication with any phone via the main unit dialing.
- One key control to arm the system via remote control or telephone when at home or outside.
- Programming for alarm place: help-seeking, fire, gas, door lock, living room, window, balcony or surrounding alarm.
- Various programming functions for zones, such as real time, delayed, 24 hours and bypass.
- Learn the code pairing through wireless way. It is easy to add new parts in safe and efficient way.
- Various functions, such as remote control, system arming/disarming, monitoring and intercom.
- Inquire event recording: the main unit can record all the information of 40 alarm events automatically.
- Multi-arming modes: real-time arming via remote control, delayed system arming when outgoing, arming at home, arming at appointed time, remote arming via phone.
- Maintain the top priority of alarm: If there is alarm while calling, no matter incoming or outgoing, the main unit shall hang up call and dial the alarm phone immediately.
- Built-in lithium battery with high capacity to enable alarm while power-off.
- The system will be more secure if use GSM+Line alarm

Chapter 2 Introduction of Interface and Panel of Alarm System's Main Unit

1：Main unit display screen with 128X64 resolution, supporting Chinese/English language

2：Main unit status indicator

POWER：Indicator for power-on and work status of the main unit

Quick flicking at 1s interval means the GSM network is under registration.

Flicking every 3s means the main unit is in normal standby status and ready for alarm.

ARM：arming when outgoing indicator

HOME：arming at home indicator

SET：Setting status indicator, it shall be on when entering the system setting.

SIGNAL：Wireless signal indicator, it shall be on when effective wireless signals are available or under special functions.

ALARM：Alarm indicator

3：Touch keyboard: the key of the system is touch screen of resistance-type, which requires a certain level of force. DO Not press it heavily. .

📱：Key for arming when outgoing by the main unit at appointed time

🏠：Key for arming at home by the main unit

📞：Call key. Input phone number, and press CALL key, the main unit shall dial immediately and enter into the calling status. Press CALL key while calling to hang up.

SOS：Emergency help key

ESC：Clear the keyboard entry, or return to the previous step.

ENTER：Confirmation key
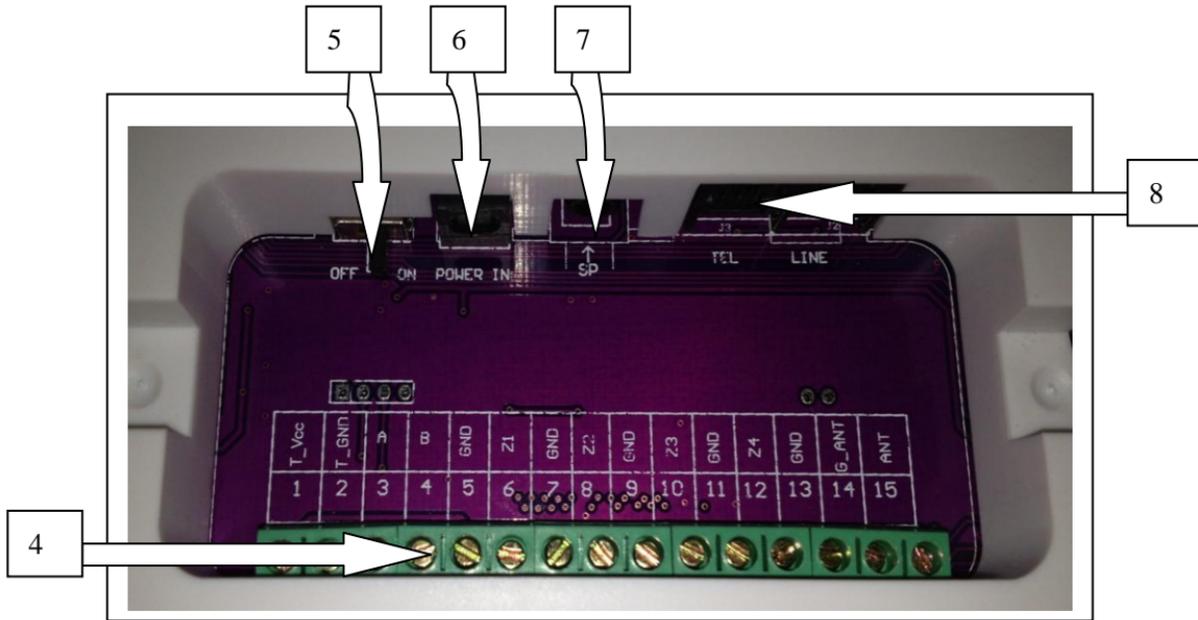
4：Function interface of the main unit

1	T_VCC	External keyboard power supply: 12V voltage
2	T_GND	Grounding external keyboard
3	A	Connecting external keyboard A
4	B	Connecting external keyboard B
5	GND	Grounding
6	Zone 1	Wired zone 1 input, adopting normal on/off prober
7	GND	Grounding
8	Zone 2	Wired zone 2 input, adopting normal on/off prober
9	GND	Grounding
10	Zone 3	Wired zone 3 input, adopting normal on/off prober
11	GND	Grounding
12	Zone 4	Wired zone 4 input, adopting normal on/off prober
13	GND	Grounding
14	G_ANT	External antenna grounding
15	ANT	External antenna

5：Built-in battery switch

6：POWER: Power in。

7：SP:Siren in。

8：TEL:Telephone　　LINE：Telephone line。

Chapter 3　　Main Unit Startup Procedure

It is important to startup the main unit correctly, which may affect the normal operation and service life of itself.

Step1: Disconnect the main unit with power supply, for it is prohibited to operate the main unit in power on status, such as inserting/pulling off the interface kits and the SIM card

Step2: Install the SIM card

Step3: Insert the 12V power supply adapter of the main unit. The main unit shall enter into self-checking status and show the startup information. Check whether the POWER indicator flickers quickly every 1s. If the POWER indicator is not on, re-start the main unit after 10s interval. Repeated power on/off operations in a short while may reduce its service life.

Step4: After the main unit registered successfully on the network, the POWER indicator shall flicker every 3s.

Step5: Turn on the battery switch.

Step6: Check whether the GSM signal strength is more than 3 bars, for weak signal may affect the normal operation of the main unit.

Chapter 4   Relevant Settings for Alarm System's Main Unit

Enter into System Setting

The setting of the main unit can only be carried out in the system setting status, in which the SET indicator shall be on. At that time, Key 2/8/4/6 is for turning the menu up/down/left/right respectively. Please follow the way below to enter into the setting:

When the system is disarmed, input the 6-digit setting password (the factory setting is 888888), and then press ENTER key to confirm. When the main unit emits a beep tone, the system enters setting status with the SET indicator on, showing the setting menu for remote control. The detailed operation diagram is as follows:
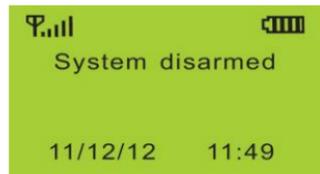
Diagram1: System disarmed status	Diagram2: Input setting password	Diagram3: Press ENTER key to enter setting status
Ψ.ııl ▭▭▭▭ System disarmed 11/12/12 11:49	Ψ.ııl ▭▭▭▭ System disarmed Enter: 888888	Remote control ◄ ▭ ► Exit Enter

12
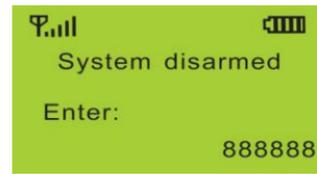
Add Remote control

The system can support up to 8 remote controls. It is required to enter the system setting for adding remote controls. The remote controls must be coded, which may be high-rate or low-rate. For anti-interference, the software of the main unit has blocked these special coding. If the coding of the remote control is identical with the one saved in the main unit, it shall fail to add new remote control. The detailed way is as follows: enter the Remote Control menu, and then press Key 4 or 6 to choose the target one; Press Key 8 to turn to the Coding menu, and then press ENTER key to confirm; after the remote control transmits signals, and the main unit identifies the remote control, press ENTER key to confirm and save. The detailed operation diagram is as follows:

Diagram1: Enter Remote control menu

Diagram2: choose the target remote control, and press ENTER key

Diagram3: Ready to receive remote control signal.
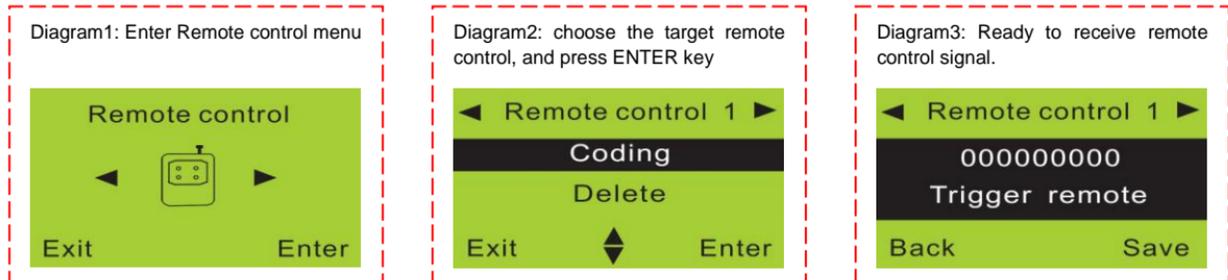
Diagram 4A: the main unit can identify the remote control coding correctly

◄ Remote control 1 ►
077015192
Normal code
Back   Save

Diagram 4B: The coding of remote control is identical with the one saved in the main unit

◄ Remote control 1 ►
Error
Repeated code
Back   Save
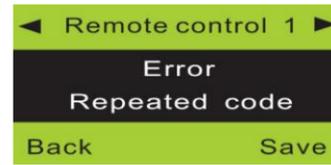
Diagram5: Press ENTER key to save the remote control coding

◄ Remote control 1 ►
Save completed

Delete Remote Control

When the remote control is broken or lost, its information shall be deleted from the main unit. The deleted remote control can not control the main unit. The detailed way is as follows: enter the Remote control menu, press Key 4 or 6 to choose the target remote control. Press Key 8 to turn to the Delete menu, and then press ENTER key to confirm. The main unit shall show that the deletion is successful. The detailed operation diagram is as follows:

Diagram1: Enter Remote control menu

Remote control
◄   ►
Exit   Enter

Diagram2: Choose the target remote control

◄ Remote control 1 ►
Coding
Delete
Exit   ◆   Enter
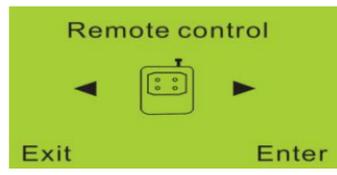
Diagram3: Press ENTER key to confirm the deletion.

◄ Remote control 1 ►
Delete completed

Code Pairing in Zone

This system can support up to 10 wireless zones, each of which can save 10 detectors (the maximum is 100). It is required to enter the system setting to add new detectors. The remote controls must be coded, which may be high-rate or low-rate. For anti-interference, the software of the main unit has blocked these special coding. If the coding of the detector is identical with the one saved in the main unit, it shall fail to add new remote control. The detailed way is as follows: enter the Zone menu, and then press Key 4 or 6 to choose the target one; Press Key 8 to turn to the Coding menu, and then press ENTER key to confirm; after the detector transmits signals, and the main unit identifies the detector, press ENTER key to confirm and save. The detailed operation diagram is as follows.

Diagram1: Enter Zone menu
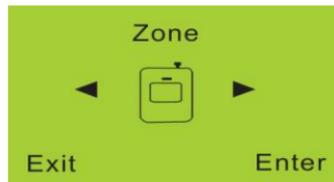
Zone
◄ ►
Exit   Enter

Diagram2: Choose the target zone, and then press ENTER key

◄ Zone 1 ►
Coding
Delete
Exit ♦ Enter

Diagram3: Ready to receive the detector signal.

◄ Zone 1 ►
000000000
Trigger sensor
Back   Save
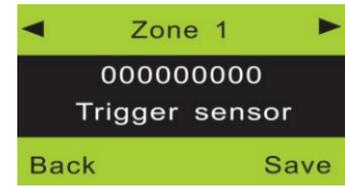
Diagram 4A: the main unit can identify the detector coding correctly

◄ **Zone 1** ►

241015162
Normal code

Back   Save
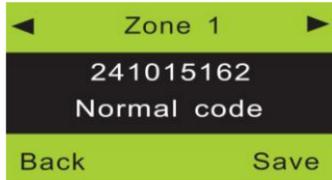
Diagram 4B: The coding of the probe is identical with the one saved in the main unit already

◄ **Zone 1** ►

Error
Repeated code

Back   Save

Diagram5: Press ENTER key to save the detector coding

◄ **Zone 1** ►

Save completed
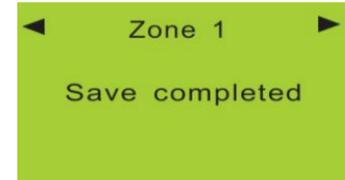
Delete Zone

When the detector is broken or desired to be deleted, its information shall be deleted from the main unit. The deleted remote control can not control the main unit. The detailed way is as follows: enter the Zone menu, press Key4 or 6 to choose the target zone. Press Key8 to turn to the Delete menu, and then press ENTER key to confirm. The main unit shall show that the deletion is successful. The detailed operation diagram is as follows:

Diagram1: Enter Zone menu

Diagram2: Move right to choose the target zone

Diagram3: Press ENTER key to confirm the deletion
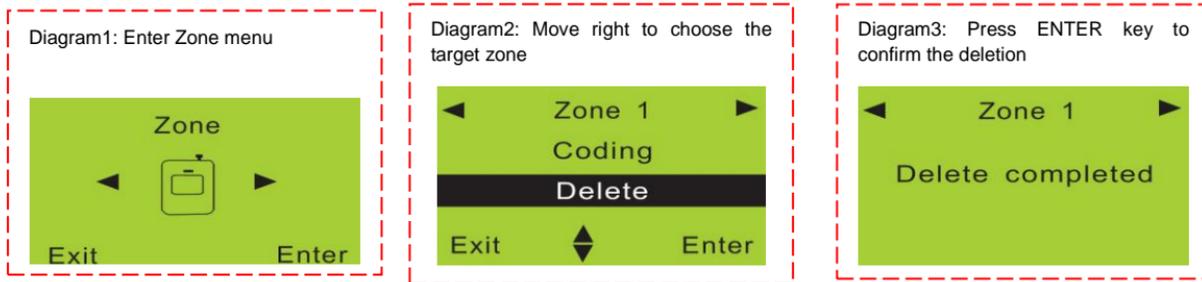
Change Installation Location of Zone

After identifying the installation location for the detector, the system can send out correct alarm SMS. This system can support up to 8 kinds of installation locations: help-seeking in emergency, fire alarm, gas leakage alarm, door lock alarm, living room alarm, window alarm, balcony alarm and surrounding alarm, to meet the users' requirements. The detailed way is as follows: enter the Zone menu, press Key2 or 8 to choose the installation location of zone menu. Press ENTER key to confirm and choose the relevant installation location. The detailed operation diagram is as follows:

Diagram1: Enter Zone menu

Zone

◄ ►

Exit   Enter
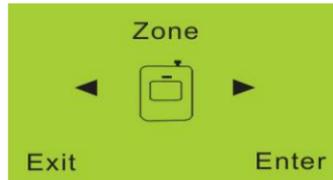
Diagram2: Turn down to choose installation place menu

◄   Zone 1   ►

Place: Fire

Armed: Enable

Back   ◆   Enter

Diagram3: Press ENTER key to choose the installation place

◄   Zone 1   ►

Place: GAS

Armed: Enable

Back   ◆   Enter

Diagram4:

Before setting, the content of the SMS sent by the zone 1 is: Zone 01 fire alarm.

After setting, the content of the SMS sent by the zone 1 is: Zone 01 gas leakage alarm.

Change Zone Alarm Condition

The alarm conditions for all zones of the system can be changed freely. There are 3 supporting modes: Arming alarm when outgoing/arming alarm staying home, disarming alarm. For example, when the gas

detector is required to enable the alarm inspection all day long, it is necessary to enable alarm under system arming, home arming and system disarming. The detailed way is as follows: enter the Zone menu, press Key 2 or 8 to choose Home menu. Press ENTER key to enable or disable this function. Set the same alarm condition for outgoing arming and system disarming modes. The detailed operation diagram for changing the effective conditions for home arming is as follows:

Diagram1: Enter Zone menu

```
        Zone
    ◄    [ ]    ►
 Exit            Enter
```

Diagram2: Turn down to choose Home menu

```
 ◄      Zone 1      ►
    HOME: Disable
    Disarmed: Disable
 Back     ↕     Enter
```

Diagram3: Press ENTER key to choose zone condition.

```
 ◄      Zone 1      ►
    HOME: Enable
    Disarmed: Disable
 Back     ↕     Enter
```

Diagram4:
Before setting, the zone 1 shall not make alarm in the home arming condition.
After setting, the zone 1 shall make alarm in the home arming condition if being triggered.

Enable/Disable Siren when Zone Makes Alarm

All the zones of the system can enable/disable the siren to reduce the noise interference according to the user's demand. The detailed way is as follows: enter the Zone menu, press Key 2 or 8 to choose the Siren menu. Press ENTER key to enable or disable this function. The detailed operation diagram for changing the effective condition for siren is as follows:

Diagram1: Enter Zone menu	Diagram2: Turn down to choose Siren menu	Diagram3: Press ENTER key to enable/disable the siren
Zone ◄ [□] ► Exit Enter	◄ Zone 1 ► Siren: Enable Delay: Disable Back ◆ Enter	◄ Zone 1 ► Siren: Disable Delay: Disable Back ◆ Enter

Diagram4:
Before setting, the zone 1 enables the siren.
After setting, the zone 1 shall disable the siren.
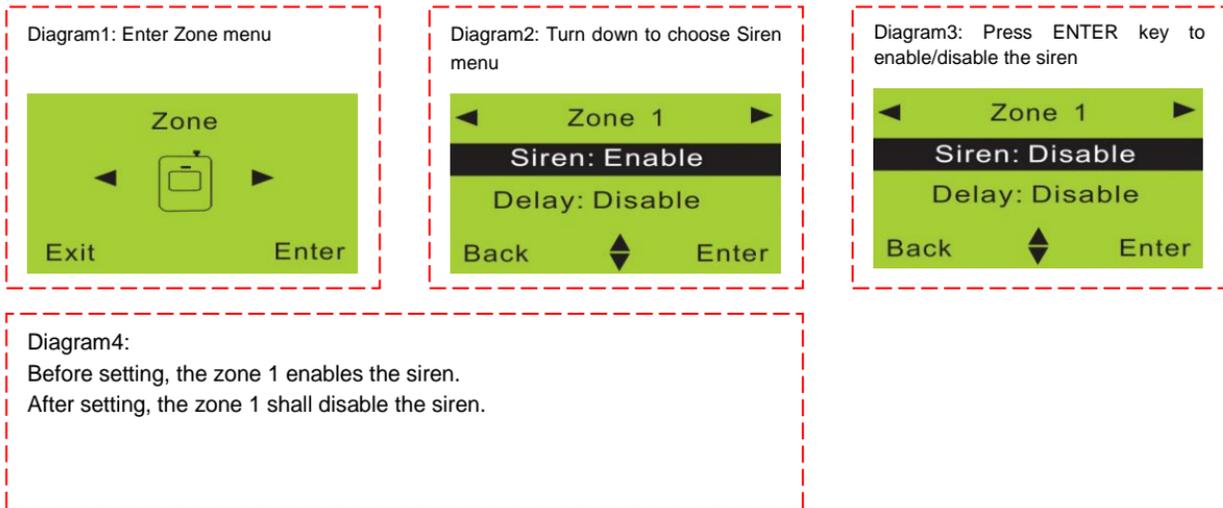
Enable Delayed Alarm in Zone

All the zones of the system can set delayed dialing and enable siren after a valid alarm to meet the various requirements of users. The detailed way is as follows: enter the Zone menu, press Key2 or 8 to choose the Delay menu. Press ENTER key to choose enable or disable this function. The detailed operation diagram for changing the effective condition for delayed dialing is as follows:

Diagram1: Enter Zone menu

Zone

◄ ►

Exit   Enter

Diagram2: Turn down to choose Delay menu

◄   Zone 1   ►
Siren: Enable
Delay: Disable

Back   ◆   Enter

Diagram3: Press ENTER key to enable/disable the delayed dialing

◄   Zone 1   ►
Siren: Enable
Delay: Enable

Back   ◆   Enter

Diagram 4:

Before setting, the zone 1 shall dial the phone to make alarm with siren after a valid alarm.

After setting, the zone 1 shall dial   the phone to make alarm with siren after preset delayed time period. (Set the delayed time in system setting menu)

Set System Alarm Phone

This system can set 6 alarm phone numbers, which the system shall dial circularly to send out alarm information until one of the phones confirms the reception with key operation, and then the system shall stop dialing and the siren. Otherwise, the system shall dial circularly 3 times before stopping. The detailed way for setting the phone numbers is as follows: enter the Phone number menu, press Key 4 or 6 to choose the serial No. of phone numbers ,and press ENTER key to confirm .Input the desired phone numbers, then press ENTER key again to save. The detailed operation diagram for setting the alarm phone is as follows:

Diagram1: Enter Phone number menu

Phone number

◄ ☎ ►

Exit   Enter

Diagram2: Choose target phone number, and then press ENTER.

◄   Phone 1   ►
No number
Delete
Back   ♦   Enter

Diagram3: Input phone number.

◄   Phone 1   ►
123456789
Input phone number
Back   Save

Diagram4: Press ENTER key to save

◄   Phone 1   ►

Save completed

Diagram5: Set the alarm phone 1 successfully.

◄   Phone 1   ►

123456789#

Delete

Back   ◆   Enter
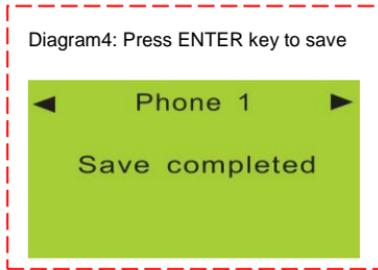
Delete or Modify System Alarm Phone

The detailed way for deleting the phone numbers is as follows: enter the Phone Number menu, press Key 2 or 8 to choose the serial No. of phone numbers. Press ENTER key to confirm the deletion. The detailed operation diagram for deleting the alarm phone is as follows:

Diagram1: Enter Phone number menu

Phone number

◄   ☎   ►

Exit   Enter

Diagram2: Choose the target phone

◄   Phone 1   ►

123456789#

Delete

Back   ◆   Enter

Diagram3: Turn down to choose Delete menu

◄   Phone 1   ►

123456789#

Delete

Back   ◆   Enter

Diagram4: Delete the phone 1 successfully.

◄   Phone 1   ►

Delete completed
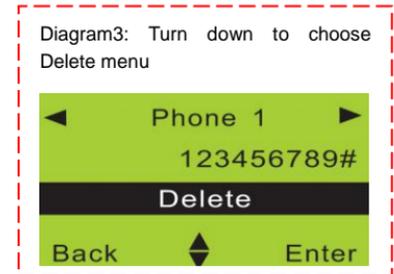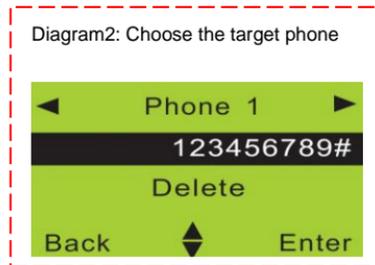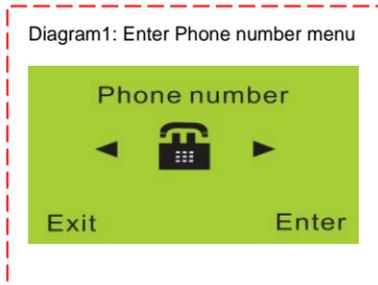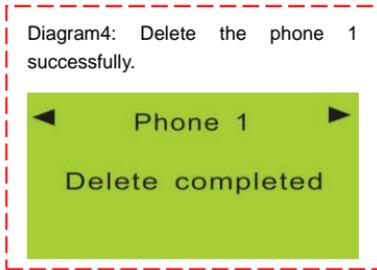
Set System Alarm SMS Number

This system can set 3 alarm SMS numbers, to which the system shall send out the relevant SMS after a valid alarm. The detailed way for setting the SMS numbers is as follows: enter the SMS number menu, press Key 4 or 6 to choose the serial No. of SMS numbers, and press ENTER key to confirm. Input the desired phone numbers, then press ENTER key again to save. The detailed operation diagram for setting the SMS number is as follows:

Diagram1: Enter SMS number menu

SMS number

◄ ✉ ►

Exit   Enter

Diagram2: Choose the target phone number, and then press ENTER

◄   SMS 1   ►

No number

Delete

Back   ♦   Enter

Diagram3: Input SMS number

◄   SMS 1   ►

13812345678

Input phone number

Back   Save

24

Diagram4: press ENTER to save

◄　　　　SMS 1　　　　►

Save completed
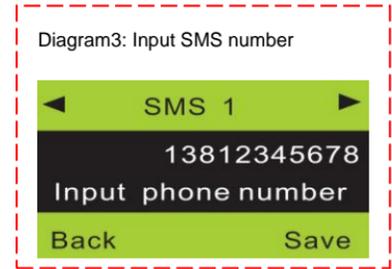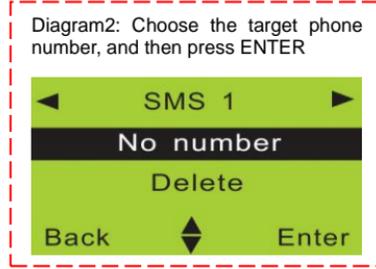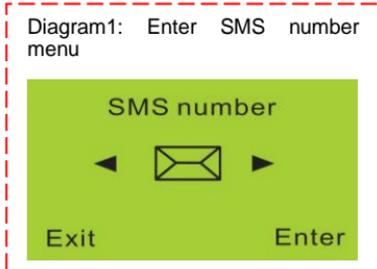
Delete or Modify System SMS number

The detailed way for deleting the SMS number is as follows: enter the SMS number menu, press Key 2 or 8 to choose the serial No. of SMS numbers. Press Key 8 to choose the Delete menu, and then press ENTER key to confirm the deletion. The detailed operation diagram for deleting the SMS number is as follows:

Diagram1: Enter SMS number menu

SMS number

◄　　🖂　　►

Exit　　　　　　　Enter

Diagram2: Choose the target SMS number

◄　　　　SMS 1　　　　►

13812345678#

Delete

Back　　⬍　　Enter

Diagram3: Turn down to enter Delete menu

◄　　　　SMS 1　　　　►

123456789#

Delete

Back　　⬍　　Enter

Diagram4: Delete SMS number 1
successfully.

◄   SMS 1   ►

Delete completed
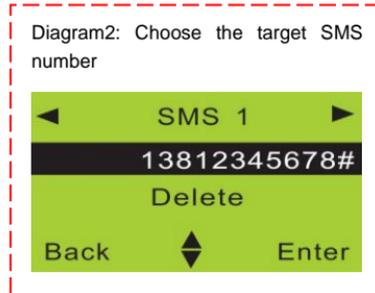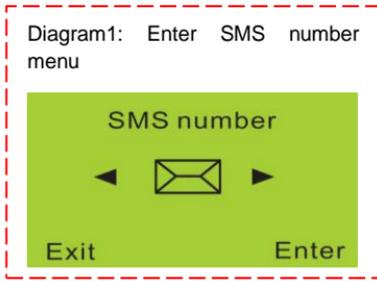
Set Network Center Function

The network function of community shall be supported by the alarm center, the protocol of which shall be compatible with the system's protocol or networking may not work. This system supports phone center and SMS network center. If you need to use the network function, please contact us. The setting of network function includes center phone numbers, user IDs, and other parameters.

Set center phone number: enter the Network Centers menu, and the Phone Center menu, and then press ENTER key to enter setting status. Input the phone center number and save it. The detailed operation diagram is as follows:

Diagram1: Enter Network Centers menu

Network centers

◄ 🖥 ►

Exit   Enter

Diagram2: Choose Phone center menu, and then confirm.

◄   Phone center   ►

No number

Delete

Back   ◆   Enter

Diagram3: Input center phone number

◄   Phone center   ►

075512345678
Input phone number

Back   Save

Diagram4: Save the phone number

◄   Phone center   ►

Save completed
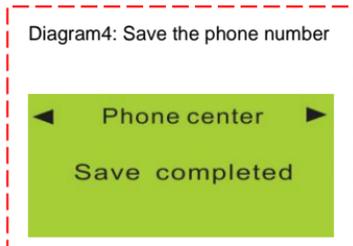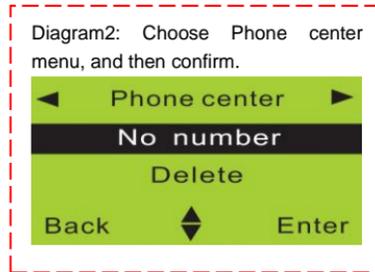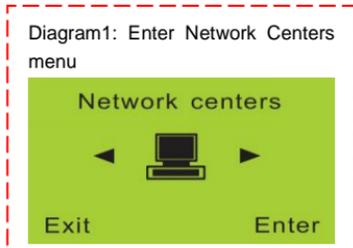
Set user ID: enter the Network Centers menu, and the Phone Center menu. Press Key 6 to move right to choose the User ID menu and press Enter. Input the user ID, press Save key to save it.
The detailed operation diagram is as follows:

Diagram1: Enter Network Centers menu

Network centers

◄ 🖥 ►

Exit   Enter
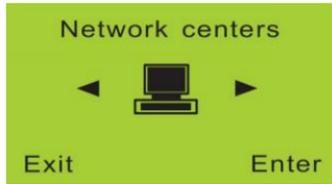
Diagram2: Choose user ID and confirm.

◄   User ID   ►

No number

Delete

Back   ↕   Enter

Diagram3: Input user ID

◄   User ID   ►

1234

Input user ID

Back   Save
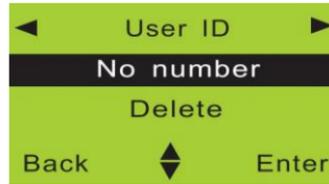
Diagram4: Save the user ID

◄   User ID   ►

Save completed

Upload alarm to the network center: enter the Network centers menu, and the Phone Center menu. Press Key 6 to move right to choose the Alarm Report menu, and press ENTER to enable/disable this function.

The detailed operation diagram is as follows:

Diagram1: Enter Network centers menu

Network centers

◄ ►

Exit   Enter

Diagram2: Choose Alarm Report menu

◄   Alarm report   ►

Disable

Back   Enter

Diagram3: Choose to enable/disable the function of alarm report

◄   Alarm report   ►

Enable

Back   Enter

Diagram4：

Before setting, the alarm report will not be uploaded to the network center.

After setting, the alarm report shall be uploaded to the network center before being sent to users.
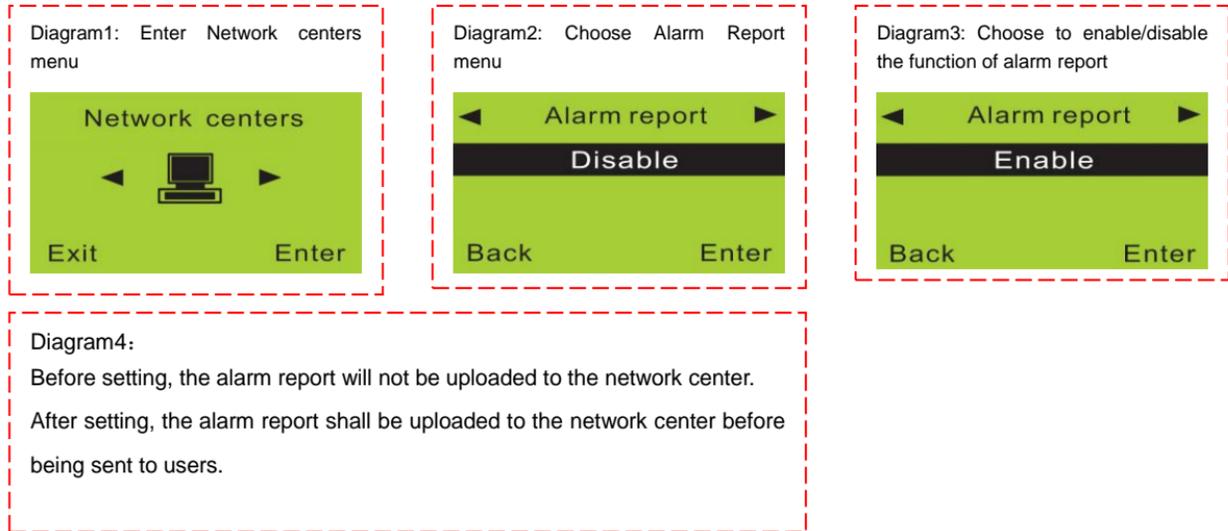
Upload system arming/disarming report to the network center: enter Network centers menu, and then enter the Phone Center menu. Press Key 6 to move right to choose the Arm Report menu, and press

ENTER key to enable/disable this function.

The detailed operation diagram is as follows:

Diagram1: Enter Network centers menu

Network centers

◄ ▢ ►

Exit   Enter

Diagram2: Choose Arm report menu

◄   Arm   report   ►

Disable

Back   Enter

Diagram3: Choose to enable/disable the function of arm report

◄   Arm   report   ►

Enable

Back   Enter

Diagram4:

Before setting, the information on system arming/disarming will not be uploaded to the Network center.

After setting, the information on system arming/disarming shall be uploaded to the Network center.
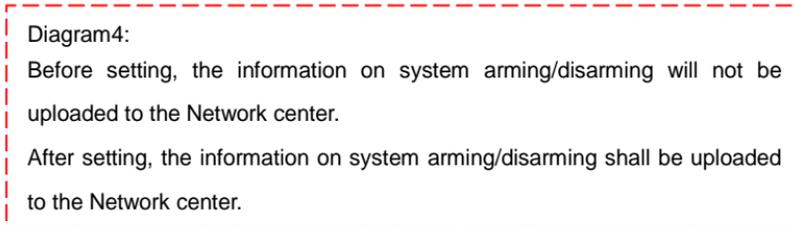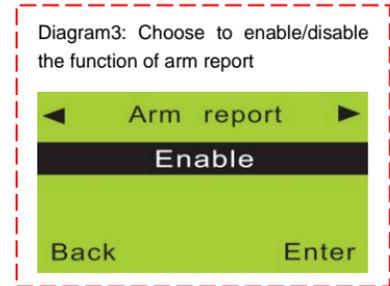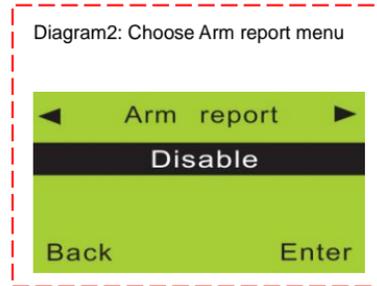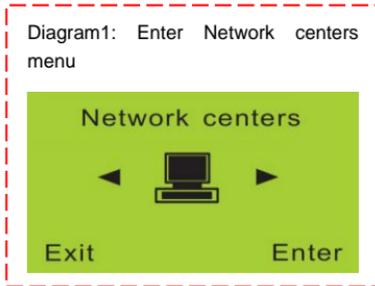
Set Function of Recording for 10s

This system can make recording for 10s in advance, which will be sent out via alarm phone call, giving a brief description of the alarm.

Make audio recording: enter the Recording menu, and enter Start Recording menu. Press ENTER to start recording with medium volume. At this time, speak to the main unit. After counting down for 10s, the recording will stop.

The detailed operation diagram is as follows:

Diagram1: Enter Recording menu

Recording

◄ ○ ○ ►

Exit   Enter

Diagram2: Enter Start recording menu

◄   Recording   ►

Start recording

Back   Enter

Diagram3: Start recording

◄   Recording   ►

05

Back   Enter
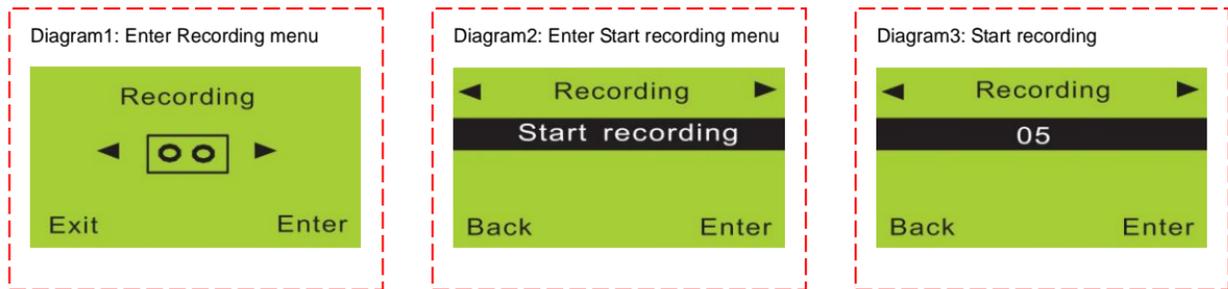
Play Recording for 10s

Play the audio recording: enter the Recording menu, and enter Start Recording menu. Press Key 6 to

choose the Playback menu, and then press ENTER key to play the recording. The recording can be made again if users are not satisfied,

The detailed operation diagram is as follows:

Diagram1: Enter recording menu

Recording

◄ [○ ○] ►

Exit   Enter

Diagram2: Enter Start recording menu

◄   Recording   ►
Start recording

Back   Enter

Diagram3: Choose Play menu

◄   Recording   ►
Play

Back   Enter

Diagram4: Start Playing record

◄   Recording   ►
05

Back   Enter

32
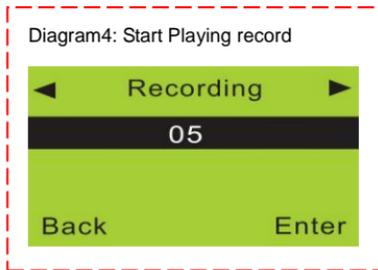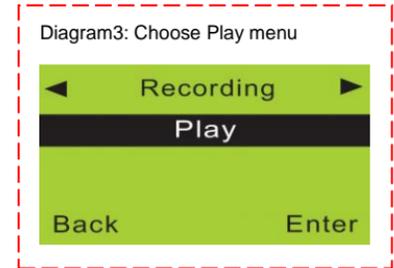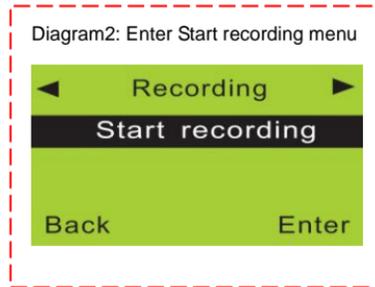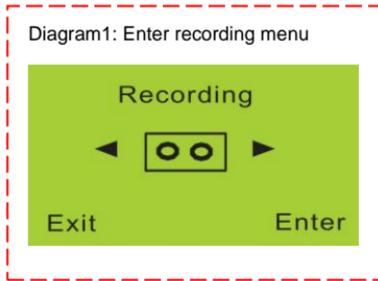
Set System Date

The date format of this system is year/month/day, with the year range between 00-99. The setting way is: enter the Time menu, and enter the Date menu. Press Enter to input the correct date, and save it.

The detailed operation diagram is as follows:

Diagram1: Enter Time menu

Time

◄ ► Exit Enter

Diagram2: Enter Date menu

◄ Date ►
11/12/12
Back Enter

Diagram3: Enter Input status

◄ Date ►
00/00/00
Please enter
Back Save

Diagram4: Input correct date, and save it

◄ Date ►
Save completed
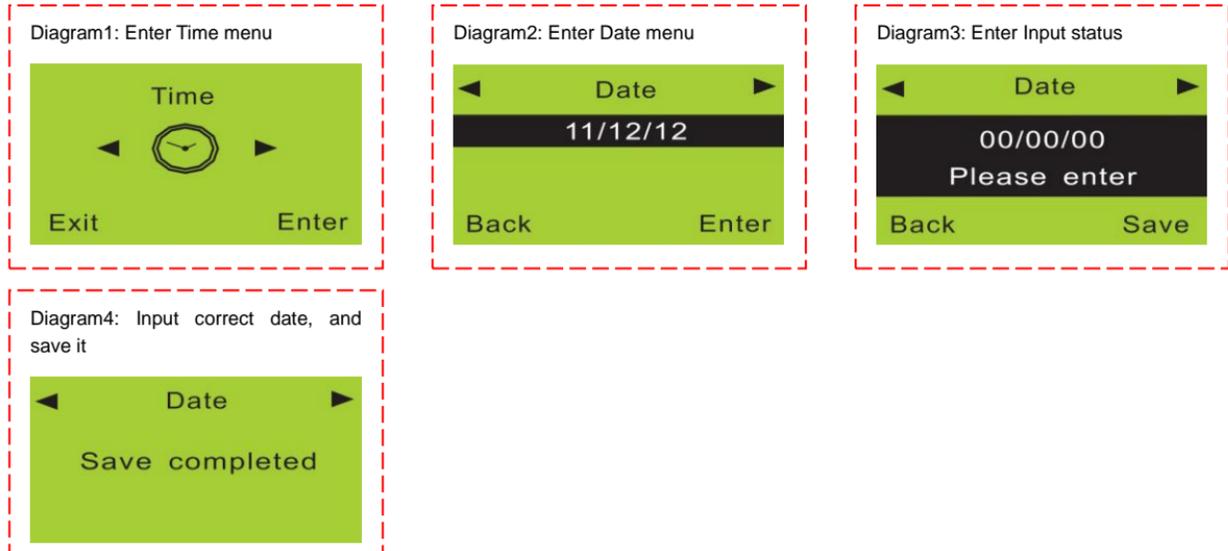
Set System Time

The time format of this system is 24-hour format. The setting way is: enter the Time menu, and then enter the Date menu. Press Key 6 to choose the Time menu, then input correct time and save it.

The detailed operation diagram is as follows:

Diagram1: Enter Time menu

Time
◄ 🕐 ►
Exit   Enter

Diagram2: Enter Date menu

◄ Date ►
11/12/12
Back   Enter

Diagram3: Press Key 6 to choose Time menu

◄ Time ►
16:25
Back   Enter

Diagram4: Input correct time, and save it

◄ Time ►
00:00
Please enter
Back   Save

Diagram5: Save completed

◄ Time ►
Save completed
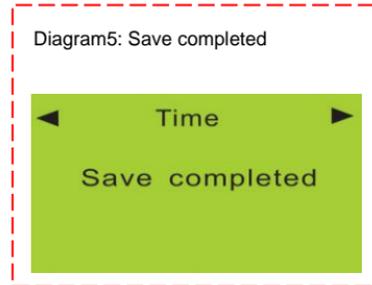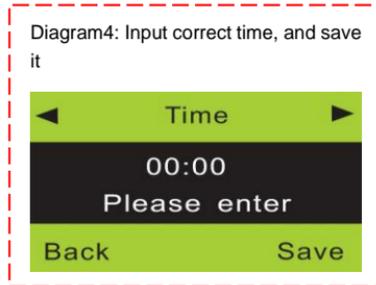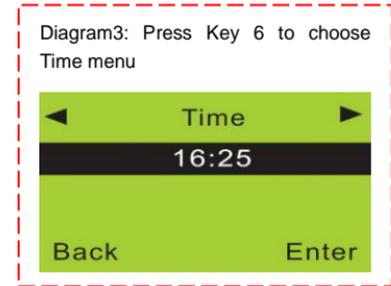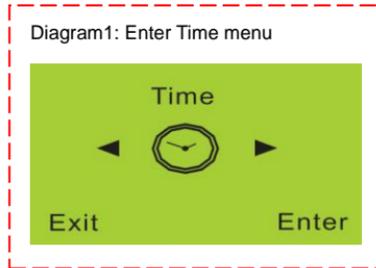
Set Time for System Arming

After setting the arming time, the main unit will enter the arming when outgoing status at the appointed time, which can save users' time for daily manual setting. The setting way is: enter the Time menu, and then enter the Date menu. Press Key 6 to choose the Timely Arm menu, then input correct time and save it.

The detailed operation diagram is as follows:

Diagram1: Enter Time menu

```
            Time

     ◄      🕐      ►


Exit               Enter
```

Diagram2: Enter Date menu

```
  ◄       Date      ►
         11/12/12

Back               Enter
```

Diagram3: Press Key 6 to choose Timely arm menu

```
  ◄    Timely arm    ►
        Disable

Back               Enter
```

Diagram4: Input correct time, and save it

```
  ◄    Timely arm    ►

    Save  completed
```
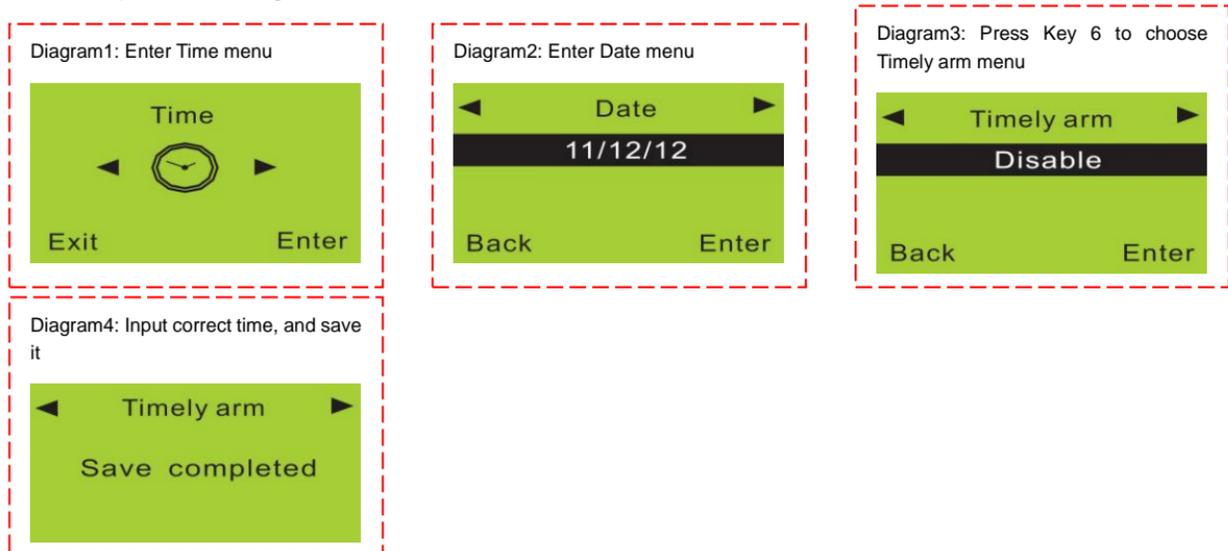
Set Time for System Disarming

After setting the arm time, the main unit will enter the disarming status at the appointed time, which can save users' time for daily manual setting. The setting way is: enter the Time menu, and then enter the Date menu. Press Key 6 to choose the Timely disarm menu, then input correct time and save it.

The detailed operation diagram is as follows:

Diagram1: Enter Time menu

Time

◄ ⊙ ►

Exit   Enter

Diagram2: Enter Date menu

◄   Date   ►
11/12/12

Back   Enter

Diagram3: Press Key 6 to choose Timely disarm menu

◄   Timely disarm   ►
Disable

Back   Enter

Diagram4: Input correct time, and save it

◄   Timely disarm   ►
Save completed
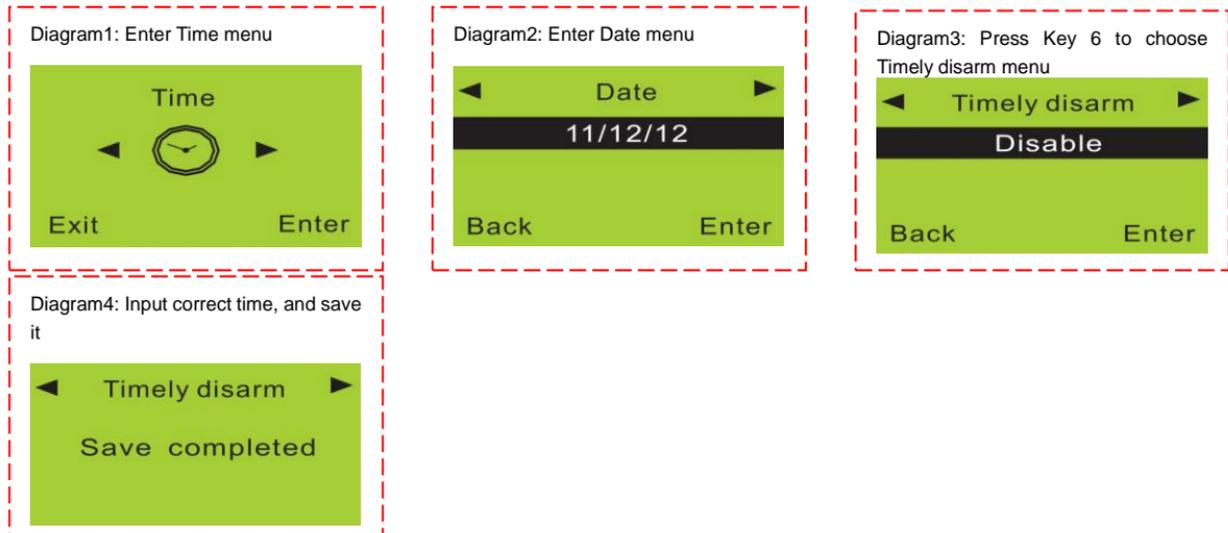
Enable Wireless Control Function

This system supports the function of wireless control for home appliances and sirens. To enable this function, it is required to operate in the following way: enter the Wireless Control menu, and then enter the Control menu. Press Enter key to enable this function.

The detailed operation diagram is as follows:

Diagram1: Enter Wireless Control menu

Wireless Control

◄ ►

Exit   Enter

Diagram2: Enter Control menu

◄   Control   ►

Disable

Back   Enter

Diagram3: Choose the option of Enable

◄   Control   ►

Enable

Back   Enter

Diagram4:

Before setting, the main unit has no function of wireless control.

After setting, the main unit shall enable the function of wireless control.
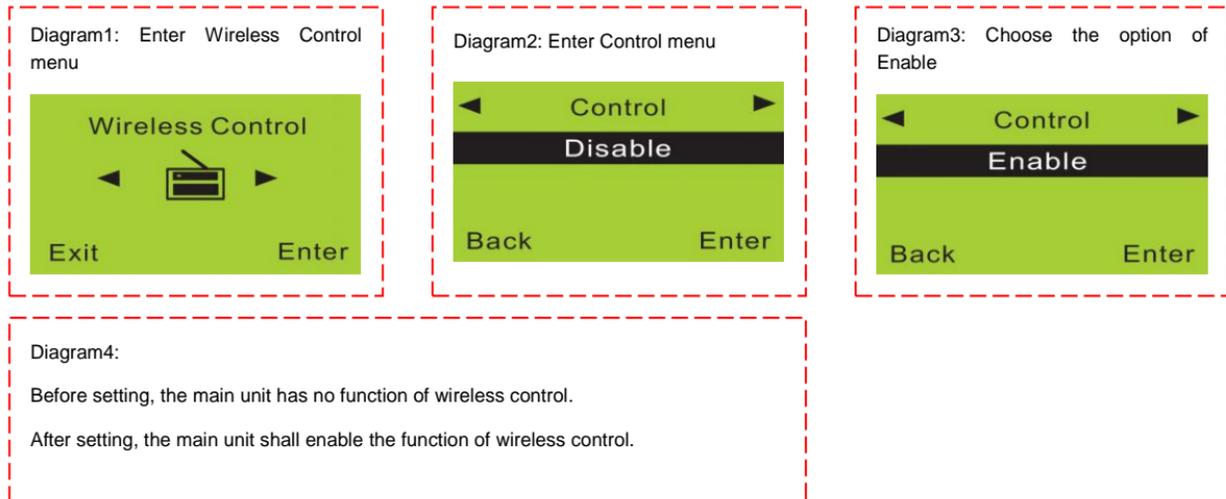
Wireless Siren Code Pairing

This system supports the function of wireless siren to eliminate the arrangement of wire. It is required to code pairing the wireless siren with the main unit. The way for setting is: enter the Wireless Control menu, and then enter the Control menu. Press Key 6 to enter the Wireless Siren menu, and choose the option of Transmission. Then the main unit shall transmit a wireless signal to control the code pairing of the wireless siren.

The detailed operation diagram is as follows:

Diagram1: Enter Wireless Control menu

Wireless Control

◄ ►

Exit   Enter

Diagram2: Enter Control menu

◄   Control   ►
Enable

Back   Enter

Diagram3: Press Key6 to choose Wireless siren menu

◄   Wireless siren   ►
Transmission
Encryption

Back   Enter

Diagram4:

After the ENTER key is pressed to confirm，the main unit shall transmit a wireless signal to control the code pairing of the wireless siren.
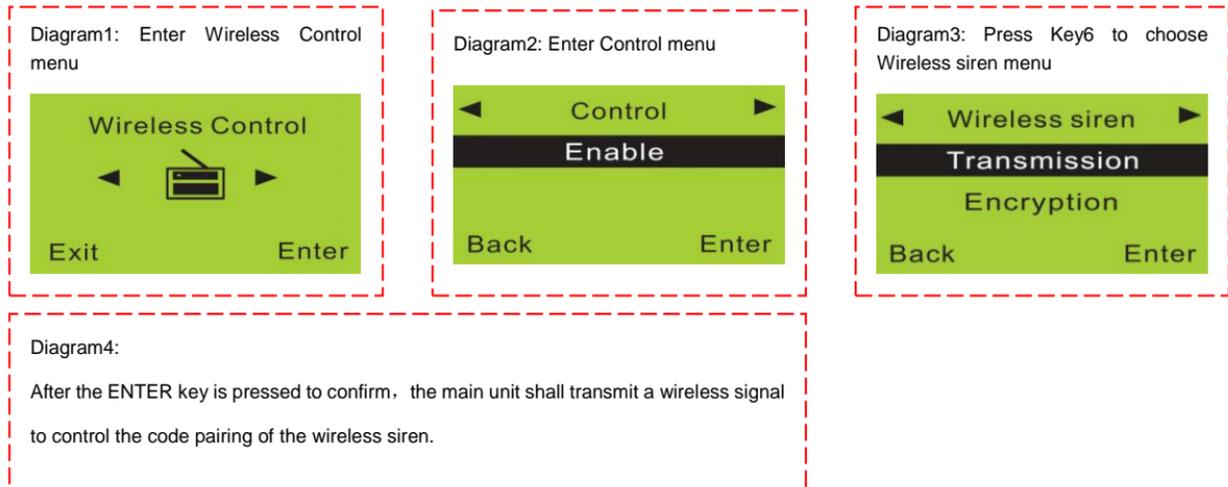
Wireless Siren Encryption

When the wireless siren confronts repeated codes or interruption, it is required to encrypt the wireless siren signal transmitted by the main unit before transmission, and then make code pairing with the wireless siren again. The way for setting is: enter the Wireless Control menu, and then enter the Control menu. Press Key 6 to choose the Wireless siren menu, and press Key 8 to choose the option of Encryption. Input 4 digits randomly, and save it

The detailed operation diagram is as follows:

```
Diagram1: Enter Wireless Control
menu

            Wireless Control

                ◄  📻  ►

     Exit                    Enter
```

```
Diagram2: Enter Control menu

        ◄      Control      ►
               Enable

     Back                   Enter
```
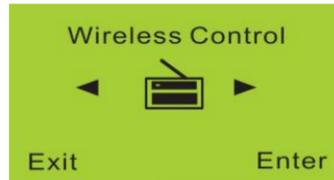
```
Diagram3: Press Key6 to choose
Wireless siren, and press Key 8 to
choose Encryption

        ◄   Wireless siren   ►
              Transmission
               Encryption
     Back                   Enter
```
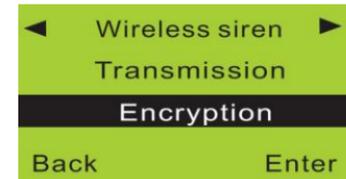
```
Diagram5: Input 4 digits randomly

        ◄   Wireless siren   ►
                 8907
             Please  input
     Back                   Enter
```
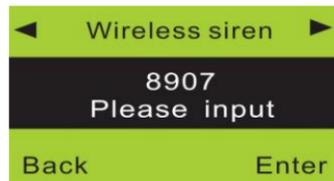
```
Diagram6: Save the numbers

        ◄   Wireless siren   ►
             Save completed
```

39
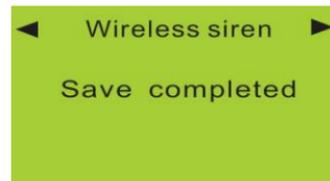
Wireless Control for Home Appliance

This system can support up to 8 lines of wireless control for home appliances. Please refer to the wireless siren setting for the way to make code pairing with the home appliance. The operation of wireless control for home appliance requires the use of wireless control. Please contact us if need to use this function.

Modify Operating Password

The operating password is used by users for daily operation. Please take not of it properly, users can not control the main unit if the password is lost. The factory setting of the password is 1234. It is recommended to set the password to your own convenience during formal operation. The way for setting the password is: Enter the Settings menu, and then enter the Operate password menu. Input 4-digit operating password and save it.

Diagram1: Enter Settings menu	Diagram2: Enter Operate password menu	Diagram3: Input 4-digit of operating password
Settings	◄ Operate password ►	◄ Operate password ►
	1234	4545
		Please input
Exit Enter	Back Enter	Back Save

Diagram4: Save it

◄ Operate password ►

Save completed
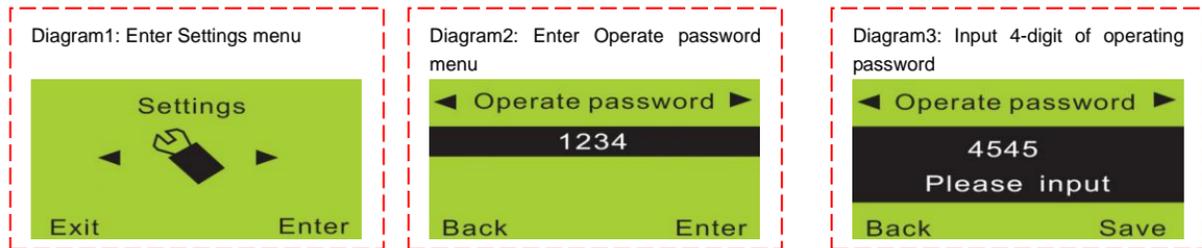
Modify Program Password

The program password is used by users for setting the system. Please remember it clearly, otherwise, users can not set the main unit. The factory setting of the password is 888888. It is recommended to set the password as the one easy to remember during formal operation. The way for setting the password is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Program password menu. Input 6-digit as program password and save it.

Diagram1: Enter Settings menu

Settings

◄ 👆 ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key6 to enter Program password menu

◄ Program password ►

888888

Back   Enter
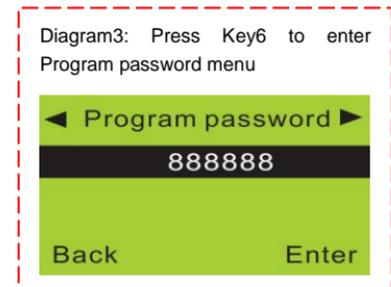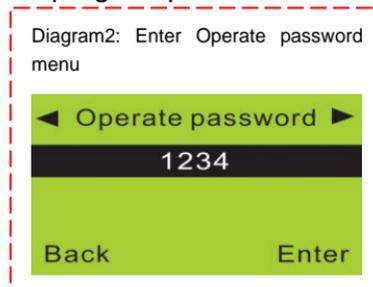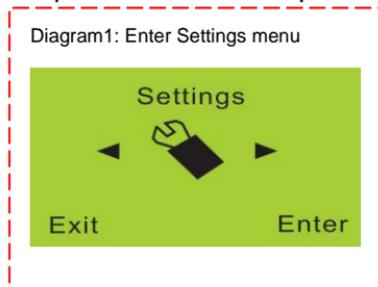
Diagram4: Input password, and save it

◄ Program password ►

Save completed
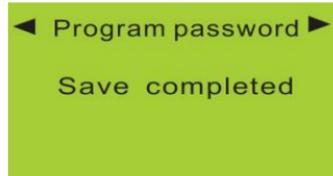
Modify Time for Delayed Arming

After pressing the ARM key, the main unit shall be in the arming status at the appointed time. The factory default time for delayed arming is 60s with the time range between 1s-99s. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the time for delayed arming is: enter the Settings menu, and then enter the Operate password menu. Press Key6 to choose the Delay arm menu. Input the desired time and save it.

Diagram1: Enter into Settings menu

Settings

◄ ►

Exit   Enter

Diagram2: Enter into Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key6 to enter into Delay arm menu

◄ Delay arm ►

40

Back   Enter

Diagram4: Input time, and save it

◄ Delay arm ►

08
Please input

Back   Save

Modify Time for Delayed Alarm

When the function of delayed alarm is valid, the main unit shall alarm at the appointed time. The factory setting for delayed alarm is 40s with the time range between 1s-99s. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the time for delayed alarm is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Delay alarm menu. Input the desired time and save it.

Diagram1: Enter into Settings menu

Settings

◄ 👆 ►

Exit   Enter

Diagram2: Enter into Operate password menu

◄ Operate password ►

1234

Back   Enter
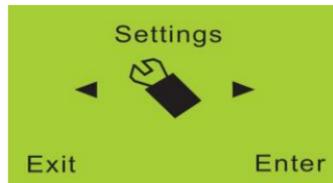
Diagram3: Press Key6 to enter into Delay alarm menu

◄ Delay alarm ►

60

Back   Enter

Diagram4: Input time, and save it

◄ Delay alarm ►

15
Please input

Back   Save

Enable/Disable Voice Prompt Function

This system supports the function of voice prompt. When users arm/disarm via remote control, the main unit shall broadcast the relevant status through voice prompt. The factory setting for the voice prompt is: enable. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the voice prompt is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Voice prompt menu, and choose to enable/disable it.

Diagram1: Enter Settings menu

Settings

◄ 🖑 ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key6 to enter Voice prompt menu

◄ Voice prompt ►

Enable

Back   Enter

Diagram4: Choose the option of Enable or Disable

◄ **Voice prompt** ►

Disable

Back   Enter

Enable/Disable Siren Prompt Function

This system has the function of siren prompt. When users enable/disable arm via remote control, the main unit shall beep as siren to let users hear in long distance and know whether it is under normal control. The factory setting for the siren prompt is: disable. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the siren prompt is: Enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Siren prompt menu, and choose to enable/disable it.

Diagram1: Enter into Settings menu

Settings

◄ ✋ ►

Exit   Enter

Diagram2: Enter into Operate password menu

◄ **Operate password** ►

1234

Back   Enter

Diagram3: Press Key6 to enter into Siren prompt menu

◄ **Siren prompt** ►

Disable

Back   Enter

Diagram4: Choose the option of Enable or Disable

◄ **Siren prompt** ►
Enable

Back   Enter

Enable/Disable System Backlight

The backlight of display screen and keys shall be off automatically when there is no action to press the keys. It is required to set to keep the backlight on. The factory setting for the backlight is: disable. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the backlight is: enter the Settings menu, and then enter the Operate password menu. Press Key6 to choose the Backlight on menu, and choose to enable/disable it.

Diagram1: Enter Settings menu

Settings
◄ ✍ ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►
1234

Back   Enter

Diagram3: Press Key 6 to enter backlight on menu

◄ **Backlight on** ►
Disable

Back   Enter

Diagram4: Choose the option of Enable or Disable

◄ **Backlight on** ►

Enable

Back   Enter
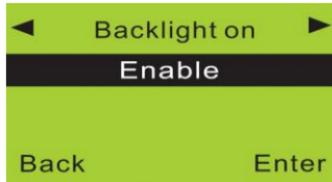
Enable/Disable Siren when making Emergency Help Alarm via Remote Control

The factory setting is that there is no siren when users press the Emergency help key on the remote control. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the siren is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Remote siren menu, and choose to enable/disable it.

Diagram1: Enter Settings menu

Settings

◄ ✋ ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key 6 to enter Remote siren menu

◄ Remote siren ►

Disable

Back   Enter

Diagram4: Choose the option of Enable or Disable

◄   **Remote siren**   ►

Enable

Back   Enter
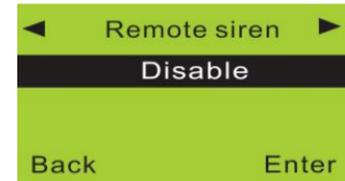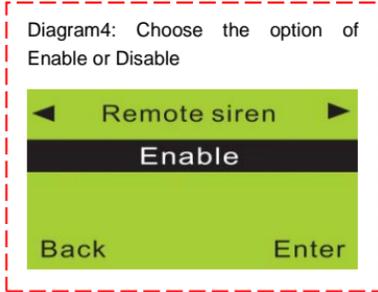
Enable/Disable SMS when Arming/Disarming

When users arm/disarm the main unit, other users may not know it. Set the SMS to let all users know the status of the system in time. It is recommended to adjust it in line with actual demand during formal operation. The way for modifying the SMS is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Arm disarm SMS menu, and choose to enable/disable it.

Diagram1: Enter Settings menu

Settings

◄ 👆 ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ **Operate password** ►

1234

Back   Enter

Diagram3: Press Key 6 to enter Arm disarm SMS menu

◄   **Arm disarm SMS**   ►

Disable

Back   Enter

48

Diagram4: Choose the option of Enable or Disable

◄ Arm disarm SMS ►

Enable

Back   Enter
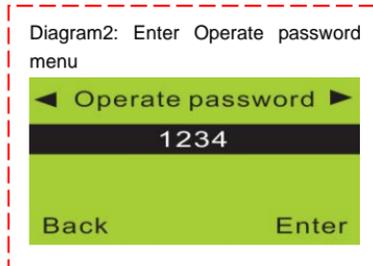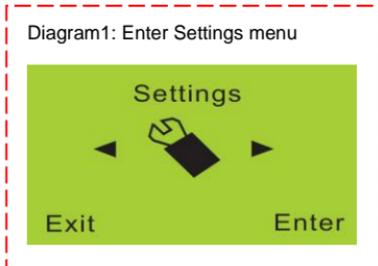
Set System Language

This system can support both Chinese and English language, the switch way for which is: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Language menu, and choose to enable/disable it.

Diagram1: Enter Settings menu

Settings

◄ 👆 ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter
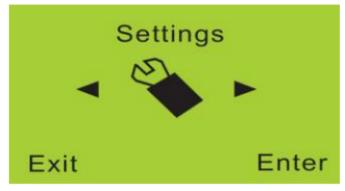
Diagram3: Press Key 6 to enter Language menu

◄ Language ►

English

Back   Enter

49

Diagram4: Choose language of Chinese or English

◄ 语言 ►
中文

返回 确定

Thenumber of telephone ringing

After thecall from set telephone lines,Ring after how many times to answer.Method:entre into Setup system, confirm,enter into the operationcode menu, press 6 to choose telephone ringing frequency menu to decide thechoice ringing frequency

Diagram1: Enter Settings menu

Settings

✋

◄ ►

Exit Enter

Diagram2: Enter Operate password menu

◄ Operate password ►
1234

Back Enter
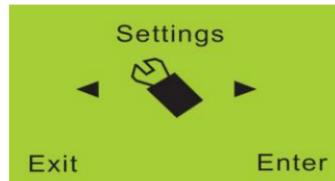
Diagram3: Press Key 6 to enter line rings menu

◄ Line Rings ►
6

Back Enter

Diagram4: Choose line rings

◄ **Line Rings** ►

7

Back   Enter
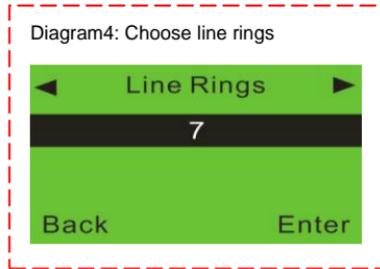
typeof alarm

Sets the system alarm circuit, the system can select phone linealarm, Or GSM line alarm, or telephone line road + GSM line alarm.Method: entre into Setup system, confirm,enter into theoperation code menu, press 6 to choose the alarm mode menu to decide the choicealarm way.

Diagram1: Enter Settings menu

Settings

✋
◄   ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key 6 to enter alarm mode menu

◄ Alarm mode ►

GSM

Back   Enter

51

Diagram4: Choose alarm mode

Alarm mode

Line

Back   Enter
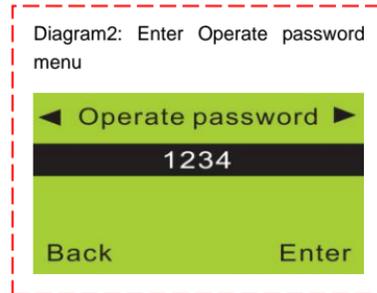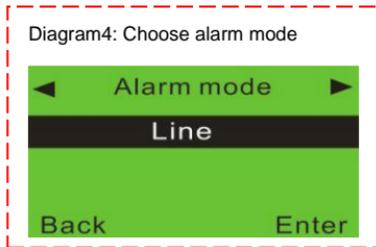
Restore Factory Setting

When the system is unstable, it is recommended to restore the factory setting in the following way: enter the Settings menu, and then enter the Operate password menu. Press Key 6 to choose the Factory setting menu, and choose the option of Restore. The main unit shall show that "Please wait back to default setting". After restoring the factory setting, the main unit shall exit from the setting condition.

Diagram1: Enter Settings menu

Settings

◄   ►

Exit   Enter

Diagram2: Enter Operate password menu

◄ Operate password ►

1234

Back   Enter

Diagram3: Press Key 6 to enter Factory setting menu

◄ Factory setting ►

Restore

Back   Enter
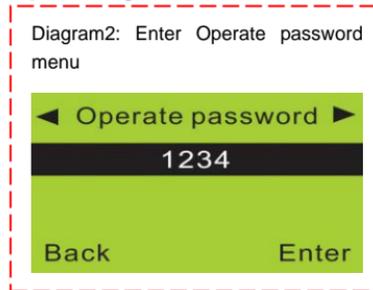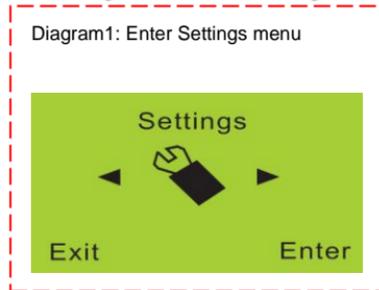
Diagram4: Restore factory setting

Plesse wait
Back to default
setting

Emergency Setting when Forgetting Password

If users forget the password, they can input order as 95175308246 in disarming status, and then the main unit shall show that "Please wait back to default password". After restoring successfully, the factory setting for operating/program password is 1234/888888 respectively. The detailed operation diagram is as follows:

Diagram1: in system disarmed status

Ψ.ıl   ◁▥▥
System disarmed

11/12/12   11:49
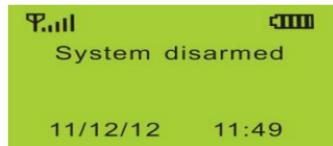
Diagram2: input order of 95175308246

Ψ.ıl   ◁▥▥
System disarmed

Enter:
                95175308246
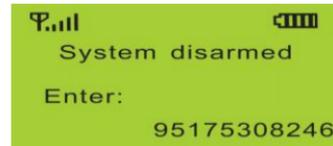
Diagram3: Restore factory setting

Plesse wait
Back to default
password

Diagram4:

After restoring password, the operating/program password is 1234/888888 respectively.

Chapter 5   Routine Use and Maintenance

System Disarming

The purpose of disarming the main unit is let it not in the status of alert. One way is normal disarming after operation of arming, and the other is to stop the main unit making alarm. After being disarmed, the zones shall not work except the 24-hour arming ones.

Press digital keyboard of the main unit to input **[User password]**, plus **[#]**. The information of "system disarmed" showing on the main unit means that the operation of disarming is successful.

Remote control: press **[🔓]** key on the remote control.

The main unit control: **[Password] + [ENTER].**

```
Diagram1: System disarmed status

Ψ.ıll                    ◁▥▥▥

      System disarmed


   11/12/12     11:49
```
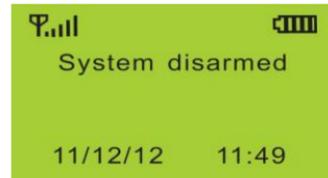
System Arming

"System arming" means that the main unit shall be armed wholly: when there is no person at home, it is

required to detect all the armed range with all the detectors on. When any detection source (such as invasion of thief, fire or gas leakage) triggers the detector, it shall make alarm immediately.

Press **[ARM]** key on the keyboard of the main unit, it shall beep once every 1 second after the appointed time and show the information about "system armed", which means the arming is successful.

Remote control**: press [🔵] key on the remote control once.**

The main unit armed: **press [ARM] key to let the main unit arming in delayed time.**

```
Diagram1: in system armed status

Ψ.ıll      ⬠           ⬛⬛⬛⬛

        System armed


    11/12/12     11:49
```
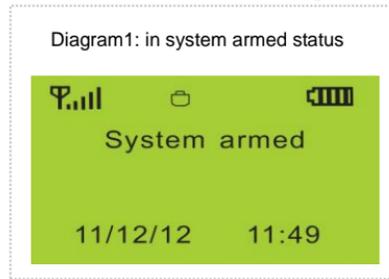
Home Arming

"Home arming" means the main unit shall be armed partly: when there is someone at home, If it is required, for safety reasons, to enable some of the detectors (at door, window, balcony or surrounding, for example) and disable the others (such as at living room, triggered by hosts), the home arming is suitable.

Press **[STAY]** key on the keyboard of the main unit, **it shall show that "Home arm"**, which means the operation is successful.

The main unit control: **press [STAY] key to let the main unit in the status of home arming.**
Remote control: **press [⚡] key on the remote control once.**

Diagram1: home arm status

Home arm

11/12/12   11:49

Answer Alarm

Once the main unit makes alarms, the siren shall send out voice prompt and dial the preset phone numbers automatically to make voice alarm. If no one answers one of the phone calls, the main unit shall turn to dial the left phones automatically until dialing all the preset phones three times circularly.

If someone responds to the phone call, he/she can hear the alarm information from the receiver. At that time, press the keys on the phone (or mobile phone) to realize various functions:

Hang up directly: Just like no one answering the phone call, the main unit shall dial all the preset phones three times circularly.

Press [*] key: read the alarm information.

Press [1] key: the main unit shall stop alarm, and arm without dialing again.

Press [2] key: the main unit shall stop alarm, and disarm without dialing again.

Press [3] key: the main unit shall disable the siren and monitor the site for 30s. Continue pressing if more time is desired for monitoring. Identify whether there is abnormal sound at home or any thief has invaded in.

Press [4] key: Enable the function of intercom on site for 30s.

Remote Control

After Dialing the phone numbers connected with the main unit through phones or mobile phones, users shall hear the voice prompt as "Please input the password" from the receiver after the preset ringing. After Inputting the correct password (the operating password is 1234, each of which with keytone when inputted shall be viewed as effective one), users shall hear the voice prompt as "Please input the instruction"; Otherwise, users shall hear the voice prompt as "The password is wrong, please input again". After entering into the remote control status, users shall implement the remote control via pressing the phone keys.

Press [1] key: the main unit shall enter the arming status, and users shall hear the voice prompt as "System armed" from the receiver.

Press [2] key: the main unit shall enter the disarming status, and users shall hear the voice prompt as "System disarmed" from the receiver.

Press [3] key: the main unit shall monitor the site for 30s, if continuous monitoring is required, press **[3]** key again to extend time for 30s.

Press [4] key: Enable the function of intercom on site for 30s

Emergency Help

There are some accidents happening at home, such as old people or children get sick, who need first-aid, the fire breaks out at home, or ruffians invade into house to rob and calling **110** is desired. At that time, just press **[SOS]** key on the main unit, **[⌂]** key on the remote control or the wireless emergency key, the alarm system shall make alarm via dialing the preset phones automatically.

Remote control: **press [⌂] key on the remote control once.**

The main unit control: **press [SOS] emergency key on the keyboard of the main unit**

Dial Phone

This system has the function of dialing, via which users can dial any phone numbers directly. It can be used as a convenient fixed phone. For example, in the status of system disarmed, input the phone number **[13800138000]** by pressing the keyboard, and then press [CALL] key. After beeping a long sound, the main unit shall show that it is dialing the phone -**13800138000**. If dialing successfully, user can start communication, and after finishing, press [CALL] key again to hang up. At that time, the system is in

the status of disarmed.

Inquire Alarm Record

This system can save 30 historical alarm records with the last one as the first record. When storing more than 30 records, the system shall delete the oldest one automatically. The way for inquiring the alarm records is: Input 00 in the status of system disarmed, and then press ENTER to enter the inquiry status. Press Key 4 or 6 to turn the pages to check the records. Press ESC key to exit from the inquiry status. The detailed operation diagram is as follows:

Diagram1: Input 00 in status of system disarmed	Diagram2: Press Key4 or 6 to check records	Diagram3: Press Key4 or 6 to check records
𝚈.ıll ▭▭▭▭ System disarmed Enter: 00	◄ Alarm record: 01 ► 11/12/12 21:12 01 Zone SOS Exit	◄ Alarm record: 02 ► 11/12/12 23:13 08 Zone GAS Back
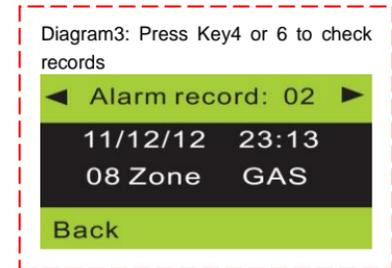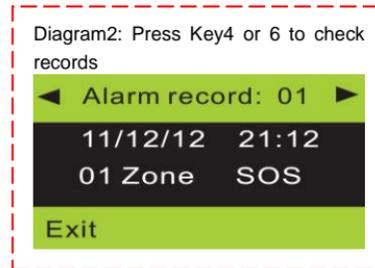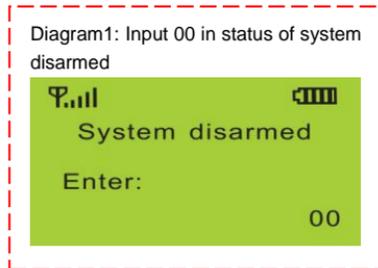
System Self-checking

Although being used every day, the system shall be maintained and inspected periodically, in order to ensure its stability, reliability and security. Normally, the main unit shall be inspected wholly every three month, and the

detectors shall be inspected every one month, at least once every three months.

Main Unit Inspection:

1. Whether the main unit can be armed/ disarmed normally.

2. Whether the main unit can dial to make alarm normally.

3. Whether the main unit can receive the signal of the detector, and whether the backup battery is normal.

Prober Inspection:

1. Trigger the detector by hand to check whether it can make alarm normally.

2. Inspect all the batteries of the detectors to check whether they are under voltage.

3. Test the transmission function of the wireless detector to check whether it can communicate with the main unit.

Chapter 6   System Troubleshooting

Fail to detect the network: Is the SIM card fit properly? Install again

Is the PIN code of the SIM card set? Cancel it.

Is the mobile signal not strong enough at the installation location? Change the place

Alarm failure: Is the code normal or is code pairing successful? Identify the correct code, and carry out code pairing again.

Is the prober under voltage or is its transmission distance not long enough? Replace the battery.

Dialing failure: Is the mobile signal strong enough? Change the location of the main unit.

Is there enough balance in the GSM card? Check and recharge it.

Check whether the phone numbers have been set correctly.

Siren failure: Are the positive and negative poles of the siren contacted properly? Check Is the zone set as mute alarm? Reset

Voice disorder: Have users recorded voice before? Record again.

Remote control failure: Is the remote control password inputted correct? (Its factory setting is 1234)

Chapter 7   Service and Technical Support

Our company guarantees that the alarm system will be free of defects in material and workmanship within 3 years since the date of shipment by the authorized distributors. If the product has been found any defect during the warranty period, please contact with the sales department or service station nearby.

Under no conditions shall our company be liable for any indirect or special damage. If you get into any trouble when using the product, please contact with us directly in the China mainland or the local distributors outside PRC.

You can visit our website to get the address lists of our service centers around the world.

Thanks for your support.

Chapter 8   Appendix: Product Parameters

Input Voltage:	DC12V /1A
Standby Current:	<35mA
Alarm Current:	<450mA
Wireless Frequency	315MHz，2262 / 4.7MΩ

GSM System:	900/1800MHz /4 frequencies are available

Backup Battery:	NI-HI AAA*6 DC7.2V
Siren Loudness:	110dB

Chapter 9   Appendix: Factory Setting Parameters

Zone	Arm	at Home	Type	Alarm Condition	Siren
Zone1	Enable	Disable	Real-time	Door lock alarm	Enable
Zone2	Enable	Disable	Real-time	Living-room alarm	Enable
Zone3	Enable	Enable	Real-time	Window alarm	Enable
Zone4	Enable	Enable	Real-time	Balcony alarm	Enable
Zone5	Enable	Enable	Real-time	Fire alarm	Enable
Zone6	Enable	Enable	Real-time	Gas alarm	Enable
Emergency key	Enable	Enable	**24H**	Help alarm	Disable

7-10	Enable	Disable	Real-time	Help alarm		Enable
Wired Zone（**7-10**）	Enable	Disable	Real-time	Help alarm		Enable
Programming password:	**888888**		Remote control:		Enable	
Operating password:	**1234**		Siren prompt：		Disable	
Siren duration:	**180**s		Home appliance control：		Configure optionally	

Chapter 10   Appendix: List of Countries Where the Product Is Suitable

For Use

For the product with 4 frequencies, it is available via the GSM network around the world.
For the product with 900/1800MHz, it is available in the following regions:

Asia

East Asia: China, Mongolia, North Korea, Japan

Southeast Asia: Philippines, Vietnam, Laos, Buna, Thailand, Malaysia, Brunei, Singapore, Indonesia, East Timor

South Asia: Nepal, Bhutan, Bangladesh, India, Pakistan, Sri Lanka, Maldives

Central Asia: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan , Uzbekistan

West Asia: Afghanistan, Bahrain, Iraq, Iran, Syria, Jordan, Lebanon, Israel, Palestine, Saudi Arabia, Qatar, Kuwait, The United Arab Emirates (UAE), Oman, Yemen, Georgia, Armenia, Azerbaijan, Turkey, Cyprus

Europe

North Europe: Finland, Sweden, Norway, Iceland, Denmark, the Faroe Islands (Denmark)

East Europe: Estonia, Latvia, Lithuania, White Russia, Russia, Ukraine, Moldova

Central Europe: Poland, Czech, Slovakia, Hungary, Germany, Austria, Switzerland, Liechtenstein

West Europe: Britain, Ireland, Holland, Belgium, Luxembourg, France, Monaco

South Europe: Romania, Bulgaria, Serbia, Macedonia, Albania, Greece, Slovenia, Croatia, Italy, Vatican, San Marino, Malta, Spain, Portugal, Andorra

Africa

East Africa: Ethiopia, Eritrea, Somalia, Djibouti, Kenya, Tanzania, Uganda, Rwanda, Burundi, Seychelles

Central Africa: Chad, Central Africa, Cameroon, Equatorial Guinea, Gabon, The Republic of Congo, The Democratic Republic of the Congo, Sao Tome and Principe

West Africa: Mauritania, Western Sahara (not independent), Senegal, Gambia, Mali, Burkina Faso, Guinea, Guinea-Bissau, Cape Verde, Sierra Leone, Liberia, Ivory Coast, Ghana, Togo, Benin, Niger, Ganary Islands (Spain)

South Africa: Zambia, Angola, Zimbabwe, Malawi, Mozambique, Botswana, Namibia, South Africa, Swaziland, Lesotho, Madagascar, Comorin, Mauritius, Reunion (France), Saint Helena (British)

Oceania: Australia, Papua New Guinea, Solomon Islands, Vanuatu, Micronesia, Marshall Islands, Palau, Nauru, Kiribati, Tuvalu, Samoa, Fiji, Tonga, The Cook Islands (New Zealand), Guam (U.S.A.), New Caledonia (France), Polynesia, The Cook Islands (New Zealand), Wallis and Futuna (France), Niue (New Zealand), Tokelau (New Zealand), American Samoa, Mariana (U.S.A).