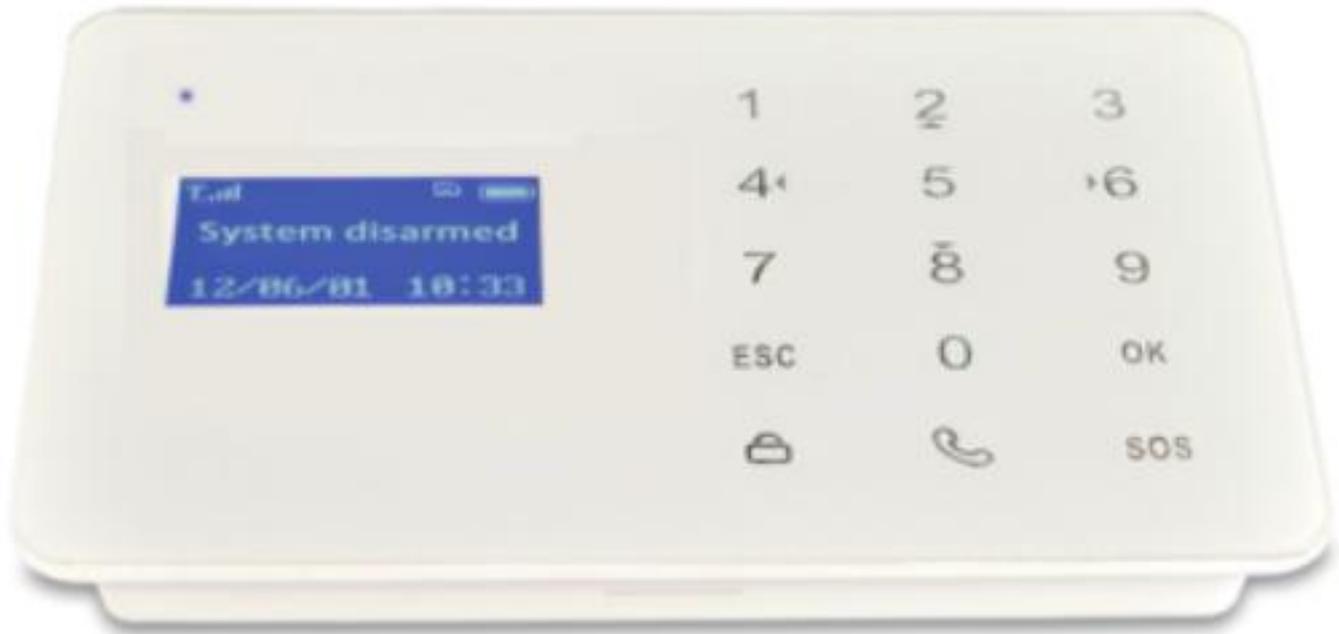


# **USER'S MANUAL**



## **Profile**

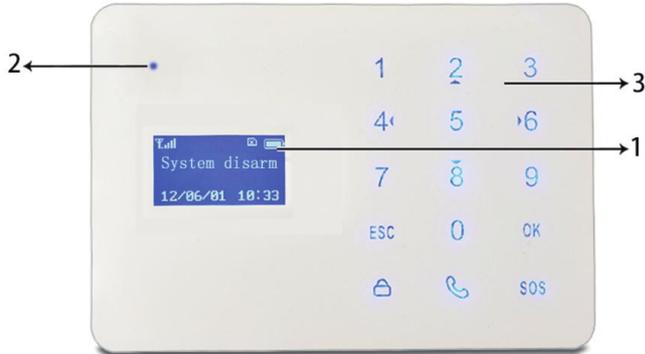
For a better understanding of this product, please read this user manual thoroughly before using it.

## **Chapter 1.features**

- ★ Elegant and advanced touch keypad for easy operation;
- ★ 128\*64 lattice LCD screen with clock display;
- ★ 2 wired and 10 wireless defense zones; each wireless zone supports maximum 10 sensors;
- ★ Support maximum 50 remote controllers;
- ★ With built-in alarm, doorbell function(optional);
- ★ Built-in high—volume speaker, and artificial intelligent digital voice announcer;
- ★ Built-in artificial intelligent English message;
- ★ Can preset 5 phone number, when alarming, system will make audio call to these numbers automatically;
- ★ can preset 5 SMS numbers: when alarming, system will send SMS;
- ★ Timely arm and disarm;
- ★ Can be used as a wireless telephone by using keypad to make calls;
- ★ One-key-control: out arm, home arm, arm by remote controller or phone call;
- ★ SOS, fire, gas, door, hall, window, balcony, and boundary places alarm;
- ★ Real-time,delay,24 hours zones programming function;

- ★ Wireless learning code: easy to add additional wireless accessories;
- ★ Remote control the device to arm, disarm, monitor, and intercom by phone;
- ★ Record checking: the device can store 200 alarm records;
- ★ Different arm status: out arm, home arm, delay arm and timely arm;
- ★ Arm by different ways: panel keypad, remote controller, remote call;
- ★ Alarm call has the priority: even when the number or the device is busy;
- ★ Built-in LI battery; automatically recharge;

## Chapter2.Alarm Host Introduction



1. LCD screen:resolution:128\*64;support English and Chinese display;
2. Status LED
  - ★Light is on at normal status;
  - ★Light flashes every 8 seconds when utility failure
  - ★Light quickly flashes when alarming
3. Touch keypad: this keypad is Capacitive Touch

-  Press it: the system will enter OUT ARM status.
- 0+** Press it: the system will enter HOME ARM status.
-  Used to make call, enter the number you want to call, and then press this button, Press it during the phone call will hang up the call.
- SOS** Emergency alarm.
- ESC** Clear the input content or back to last operation.
- OK** Confirm.
- 0+0+OK** Alarm record query.



1. Fixation insallation area
2. Wired Interface: Z1 Z2 GND: Wired zone. AMP+ AMP-: Wired siren.
3. Microphone area
4. Switch for Spare battery
5. Wired siren.
6. Protection switch(Pressing for 10 seconds)
7. DC IN
8. Speaker

### Chapter3.Initialization

Correct initiation of the main panel is important to its normal working and lifespan.

1. Connect the wired accessories that you need.
2. Insert SIM card.
3. Installing 12v power, main engine comes to self inspecting status. check the SIM card and information signal on the screen in 15 seconds .The SIM card icon show “X” when the SIM card is in abnormal status. Need to re-start if the SIM card status and information signal is abnormal.
4. Turn on the battery switch.
5. Check the GSM signal icon on the LCD screen. Signal less than 3 lattice will affect the normal performance. Please put the main panel at the place with good GSM signal.

### Chapter4. System Settings

#### 1. Enter settings

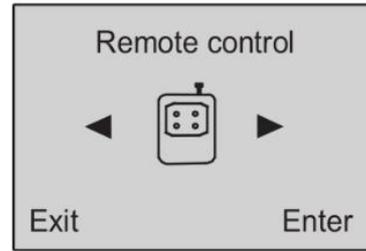
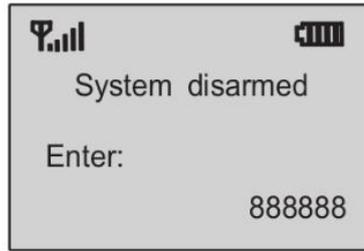
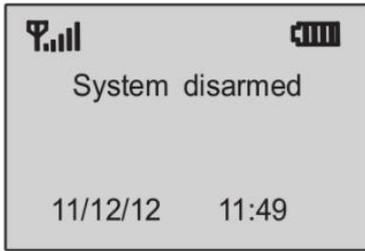
All the settings have to be done in setting status. Press 2/8/4/6 to turn up/down/left/right.

Enter setting status: in the state of disarm, input 6-digit password (system default: 888888), and then press “ok”, the screen shows remote controller setting.

Fig1: disarm status

Fig2: please enter password

Fig3: press “ok” to set



## 2. Add Remote Controller

This device supports maximum 50 remote controllers. Extra remote controllers have to be coded to the host in order to perform normally. Their code cannot be empty or the same with the saved code in the host.

Method: enter remote controller setting menu, press “4” or “6” to choose remote controller serial number, press “8” to find “coding” and then press “ok” to confirm. Trigger the remote controller you want to add. The panel will make two beeps after receiving it. And then press “ok” to confirm. If the remote controller has been saved before, after triggering it, the main unit will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig1: enter remote control menu Fig2: choose remote control serial number and coding menu Fig3: waiting to receive signal

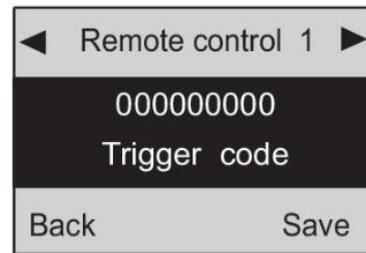
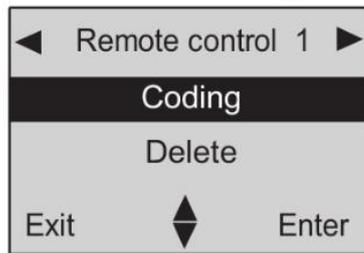
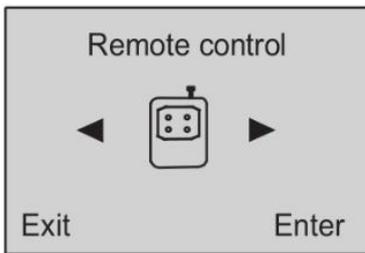
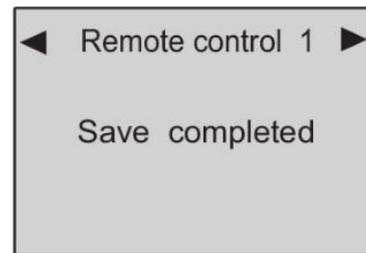
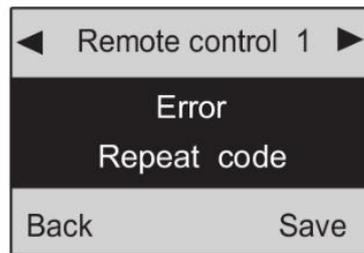
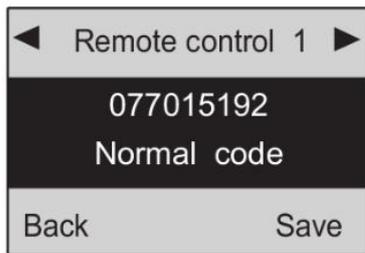


Fig4A: recognize successfully

Fig4B: the host has the same code with remote controller code

Fig5: press “ok” to save



## 3. Delete Remote Controller

If the remote controller is lost or damaged, it should be deleted. After deletion, it cannot control the main panel.

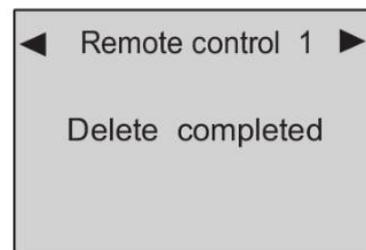
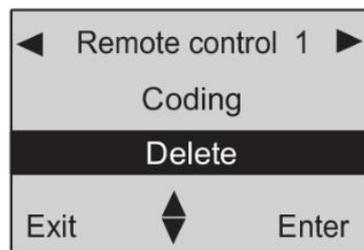
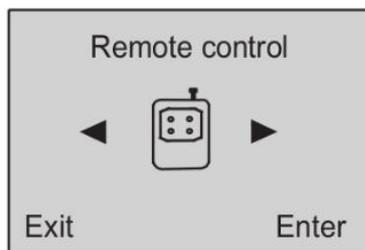
Method: enter remote controller setting menu, press “4” or “6” to choose the remote controller you want to delete. Press “8” to find “delete”, and then press “ok”.

Operation figures:

Fig1: enter remote controller setting

Fig2: choose the controller you want to delete

Fig3: press “ok” to confirm



## 4. Coding of Defense Zone

This alarm system has 10 wireless defense zones, each of which supports up to 10 wireless detector, Extra sensors not in the standard package have to be coded to the host in order to perform normally. Their code cannot be empty or the same with the saved code in the host.

**Method:** enter defense zone setting menu, press “4” or “6” to choose zone number, press “8” to find “coding” and the press “ok” to confirm. Trigger the sensors you want to add, the panel will make two beeps after receiving it. And then press “ok” to confirm. If the sensor has been saved before, after triggering it, the main unit will make four beeps and LCD screen display “Error, Repeated code”.

Operation figures:

Fig1: enter defense zone setting

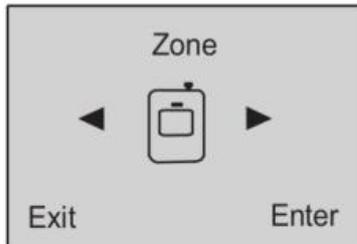


Fig2: choose zone number and press “ok”

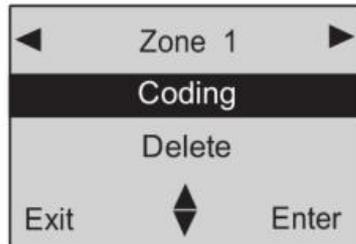


Fig3: waiting signal from sensor

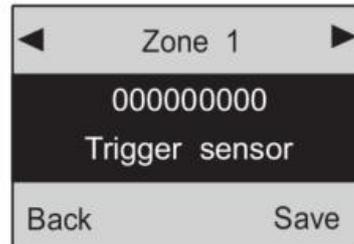


Fig 4A: recognize successfully

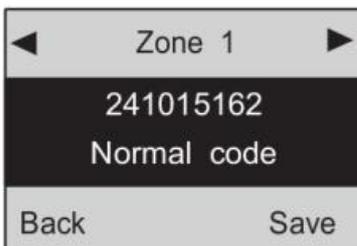


Fig 4B: the host has the same code with sensor code

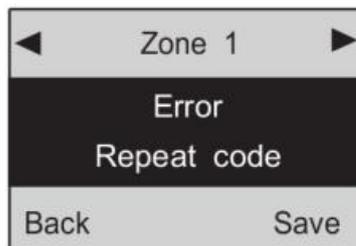
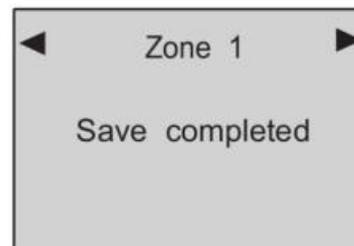


Fig 5:press“ok” to save



## 5. Delete Defense Zone

The wireless detector can't control the main unit after it's deleted

**Method:** enter defense zone setting menu: enter defense zone setting menu, press “4” or “6” to choose the sensor you want to delete. Press “8” to find “delete”, and then press “ok”.

Operation figures:

Fig1: enter defense zone setting

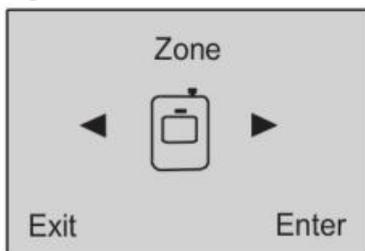


Fig2: choose zone number

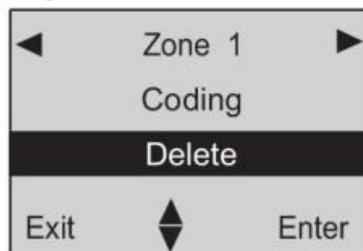
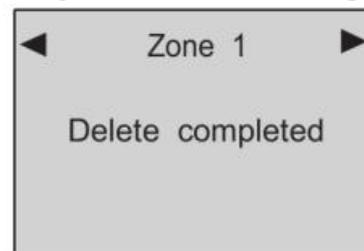


Fig3: choose Delete and press “ok”



## 6. Defense Zone Place Setting

The location of defense zone can be set in the main panel, so that the panel can send correspondent alarm message. There are 8 locations for alarm: SOS, fire, gas, door, hall, window, balcony, and boundary. Please refer to “Chapter6.Technical Parameters” for system default settings.

**Method:** enter defense zone setting menu, press “4” or “6” to choose the zone number, and then press “2” or “8” to enter zone place menu. Press “ok” will shift the places.

Operation figures:

Fig1: enter defense zone setting

Fig2: choose defense zone place

Fig3: press “ok” to confirm

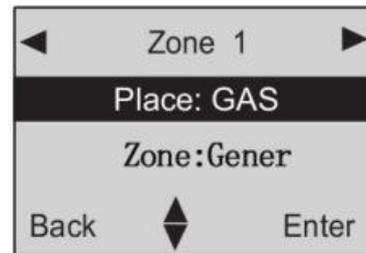
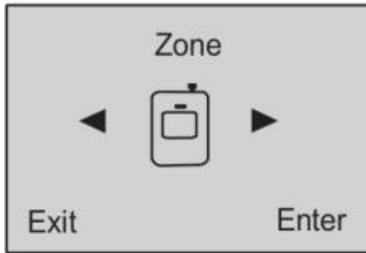


Fig4: (this example)

Before setting, the alarm SMS for zone 1 is: 01 zone fire alarm;

After setting, it is: 01 zone gas alarm.

The format of alarm SMS: [01-10] zone [place] alarm. For example, you set the place of zone 4 as “window”. The alarm SMS you receive is; 04 zone window alarm.

### 7. Defense Zone Mode Setting

There are different defense zone modes: Gener; Home; 24hour. For example, you need gas detectors working all the time, please set 24hour.

Method: enter defense zone setting menu, press “ok” choose “Gener, Home, 24hour”.

Operation figures:

Fig1: enter defense zone setting

Fig2: choose mode

Fig3: pres “ok” to confirm

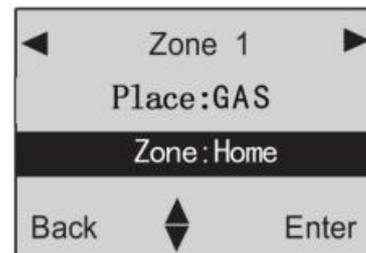
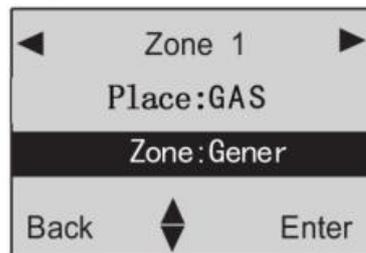
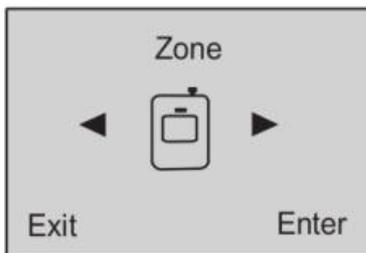


Fig4: (this example)

Before setting, zone 1 alarm in out arm status.

After setting, it will alarm when triggered in home arm status.

### 9. Siren Setting for Alarm

The siren can be set on or off when there’s alarm from each defense zone.

Method: enter defense zone setting, press “2” or “8” to choose siren enable or disable.

Operation figures:

Fig1: enter defense zone setting

Fig2: choose siren status

Fig3: press “ok” to confirm

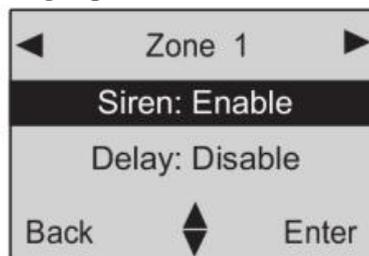
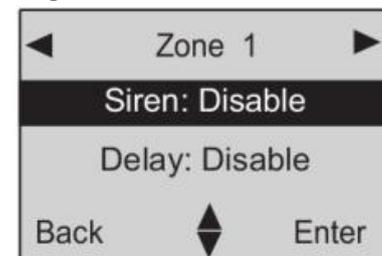
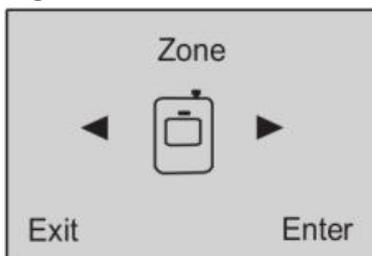


Fig4: (this example)

Before setting, the siren is on when zone 1 alarms.

After setting, siren will not sound when zone 1 alarms.

### 10. Alarm Delay Setting

Alarm delay: the main panel will make alarm call and the siren will ring after the presser delay time.

Method: enter defense zone setting, press “2” or “8” to choose delay enable or disable.

Operation figures:

Fig1: enter defense zone setting

Fig2: choose delay status

Fig3: press “ok” to confirm

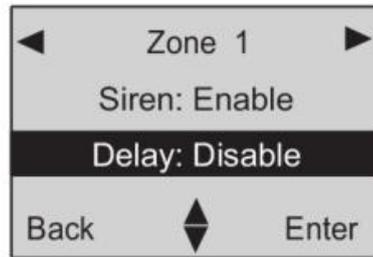
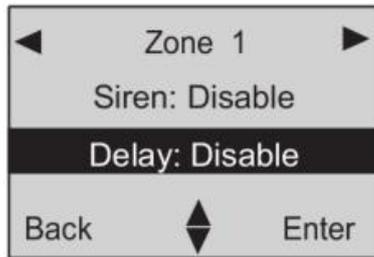
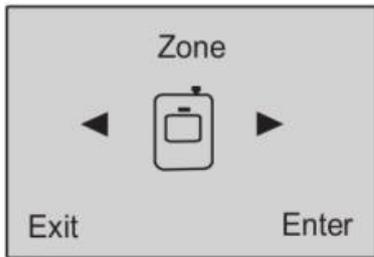


Fig4: (this example)

Before setting, the panel makes alarm and the siren rings immediately when zone 1 is triggered. After setting, alarm will be after the preset time. (set the delay time under system setting).

### 11. Alarm Number Setting

This system can store 5 alarm phone numbers. When alarming, it will make alarm call to these numbers in order for three times automatically until someone gets through the call.

Method: enter phone number setting menu, press “4” or “6” to choose serial number and the press “ok”. Input the number you want to set, then press “ok” to save.

Operation figures:

Fig1: enter phone number setting

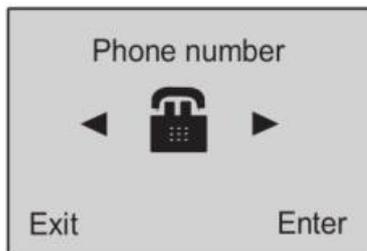


Fig2: choose serial NO.

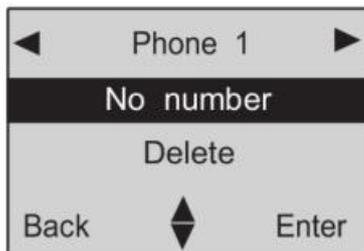


Fig3: input phone number

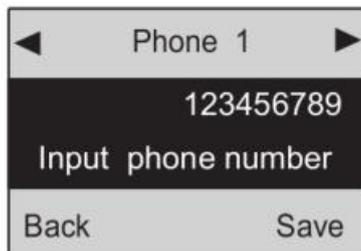


Fig4: press “ok” to save

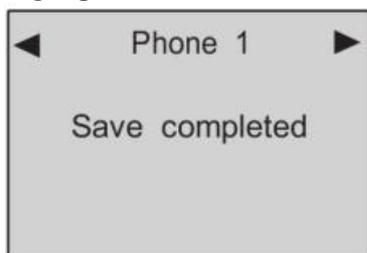
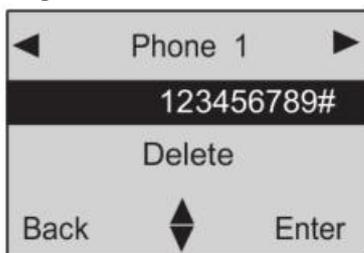


Fig5: the 1<sup>st</sup> number is set successfully



### 12. Delete Alarm Number

Method: enter phone number setting, press “4” or “6” to choose serial number, then press “8” to choose “delete” and then press “ok” to confirm.

Operation figures:

Fig1: enter phone number setting menu

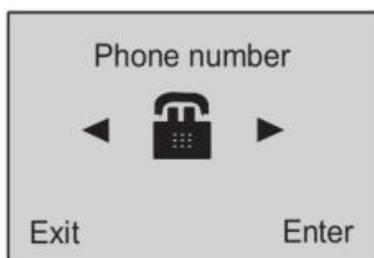


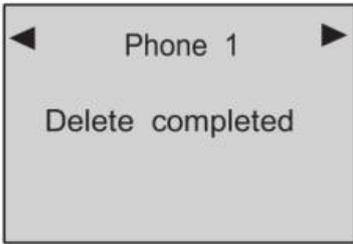
Fig2: choose the number you want to delete



Fig3: choose “delete”



Fig4: the 1<sup>st</sup> number is deleted



### 13. SMS Number Setting

The system can store 5 SMS receiving phone numbers. When alarming, it will send SMS to these numbers.

Method: enter SMS number setting, press “4” or “6” to choose serial number and then press “ok”. Input the number you want to set, then press “ok” to confirm.

Operation figures:

Fig1: enter SMS number setting

Fig2: choose serial number and Press “ok”

Fig3: input SMS receiving number

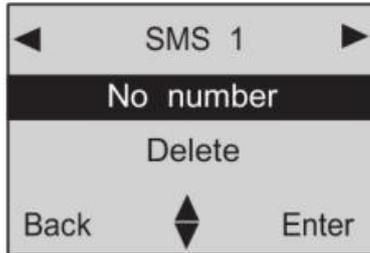
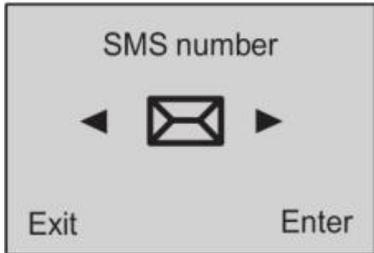
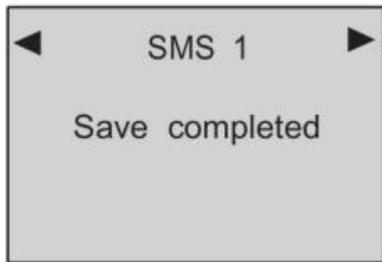


Fig4: press “ok” to save



### 14. Delete SMS Number

Method: enter SMS number setting, press“4” or“6”to choose serial number, then press“8”to choose “delete” and then press “ok” to confirm.

Operation figures:

Fig1: enter SMS number setting

Fig2: choose the number you want to delete

Fig3: choose “delete”

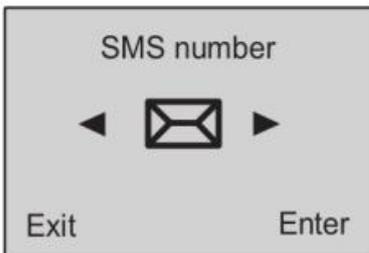


Fig4: the 1<sup>st</sup> number is deleted



### 15. System Date Setting

This date format is year/month/day. (“Year” setting is from 00-99)

**Method:** enter “Time” menu, and then choose “Date”. Input the exact date you want to set and press “ok” to confirm.

**Operation figures:**

Fig1: enter time setting menu

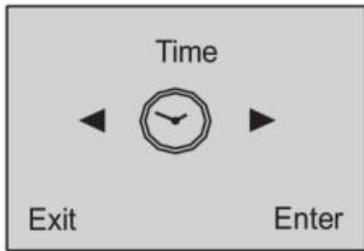


Fig2: choose date setting menu



Fig3: input the date

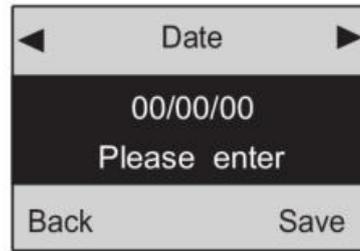


Fig4: press “ok” to save



## 16. System Time Setting

Time in this alarm system is 24-hour system. Enter “Time” menu, you will see “Date” menu, then press “6” to choose “Time”. Input the exact time you want to set and press “ok” to confirm.

**Operation figures:**

Fig1: enter time setting menu

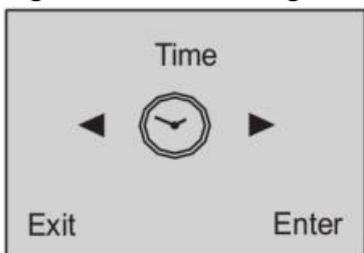


Fig2: you'll see date setting menu

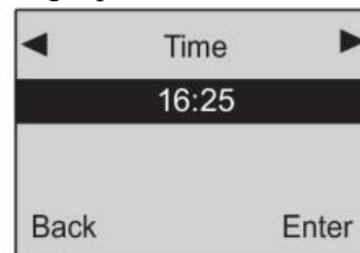
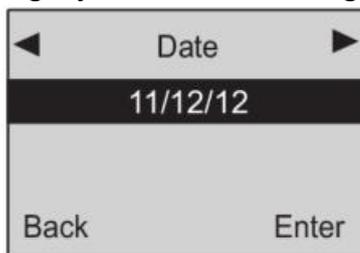
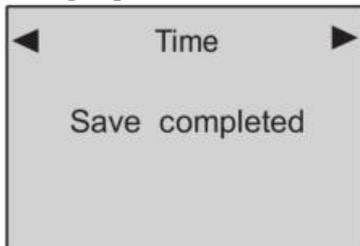


Fig4: input the time



Fig5: press “ok” to save



## 17. Timely Arm Setting

After this setting, the alarm system will start arm status at the preset time.

**Method:** enter “Time” menu, you will see “Date” menu, then press “6” to choose “Timely arm”. Input the exact time you want to set and press “ok” to confirm.

**Operation figures:**

Fig1: enter time setting menu

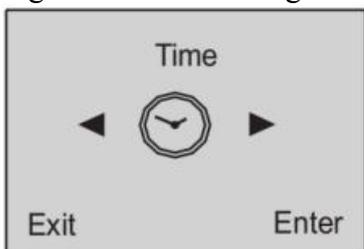


Fig2: you'll see date setting menu



Fig3: press “6” to choose “timely arm”

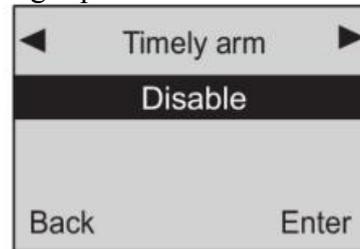


Fig4: input the time you want to set



### 18. Timely Disarm Setting

After this setting, the alarm system will disarm automatically at the preset time.

Method: enter "Time" menu, you will see "Date" menu, then press "6" to choose "Timely disarm". Input the exact time you want to set and press "ok" to confirm.

Operation figures:

Fig1: enter time setting menu

Fig2: you'll see date setting menu

Fig3: press "6" to choose "timely disarm"

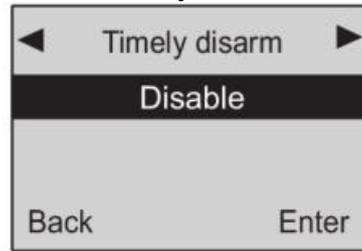
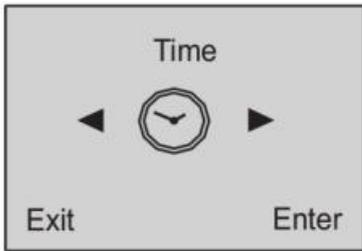
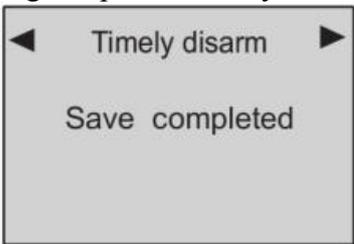


Fig4: input the time you want to set



### 19. Wireless Siren Coding

Wireless sirens have to be coded to the main panel in order to work normally.

Method: set the wireless siren which you want to code in coding status. Then enter "wireless control" menu in this panel, you'll see "control" menu, Press "6" to choose "wireless siren" setting, and then enter "transmission" setting. The panel will send a wireless signal to the siren.

Operation figures:

Fig1: enter wireless control menu

Fig2: control menu

Fig3: press "6" to choose wireless siren

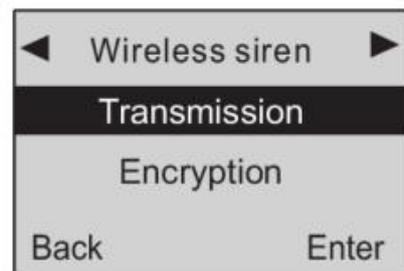
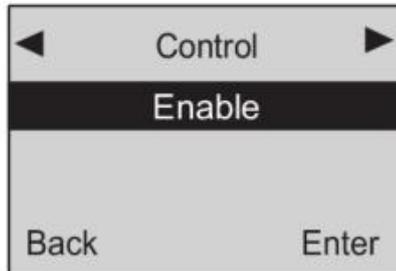
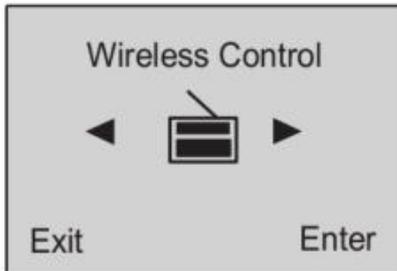


Fig4: After pressing "ok" key, the main unit will transmit a wireless signal to control the wireless siren.

### 20. Wireless Siren Encryption

The signal used to code with the wireless siren is sent from the internal transmitter of the main panel. The signal codes of this model from our company are the same. If you and your neighbor both are using this model, the alarm signal from your neighbor may cause your siren sound. So it is recommended to encrypt the wireless siren to avoid the interference.

Method: enter "wireless control" menu, and then "control" menu. Press "6" to choose "wireless siren", then press "8" to choose "encryption". Input 4 numbers randomly and then save it.

Operation figures:

Fig1: enter wireless control menu

Fig2: control menu

Fig3: press "6" to choose wireless siren

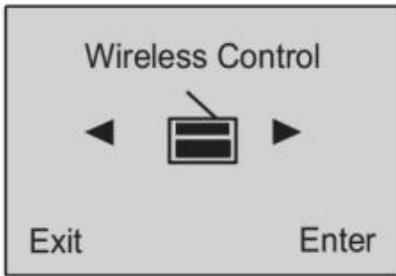


Fig1: input 4 numbers randomly

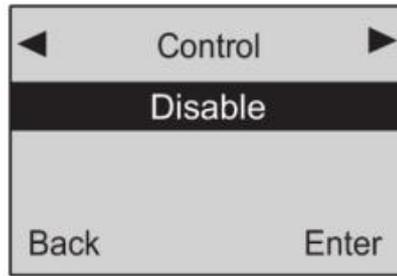
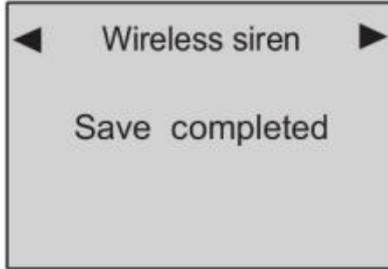
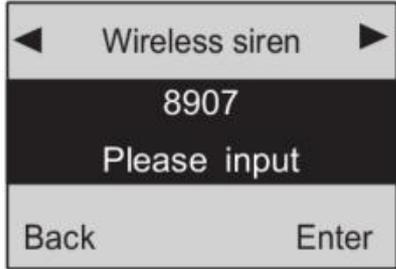
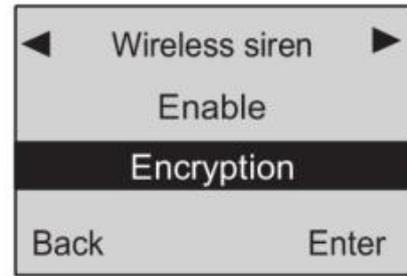


Fig5: press "ok" to save



## 21. Change Operate Password

Operate password is used for daily use (disarm or remote control). System default is 1234

Method to change this password: enter "settings" menu, and then "operate password". Input the 4-digit password you want to set, and save it.

Operation figures

Fig1: enter setting menu

Fig2: enter operate password menu

Fig3: input the 4-digit password

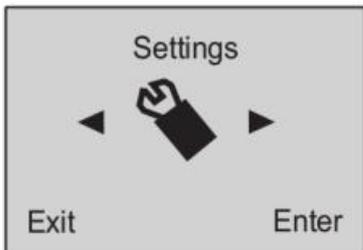
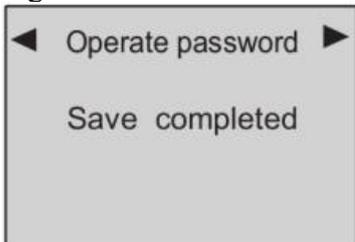
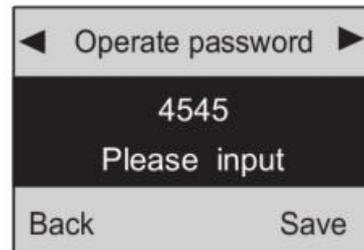
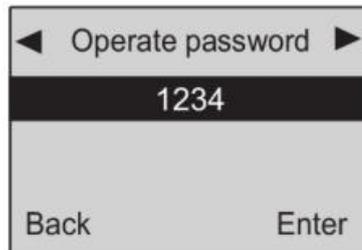


Fig1: save it



## 22. Change Program Password

Program password is used to setup the system. System default is 888888.

Method to change this password: enter "settings" menu, and then "operate password", press "6" to choose "program password", Input the 6-digit password you want to set, and save it.

Operation figures:

Fig1: enter setting menu

Fig2: you'll see "Operate password" menu

Fig3: press "6" to choose program password

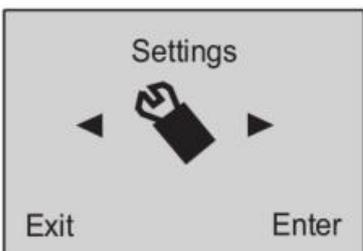
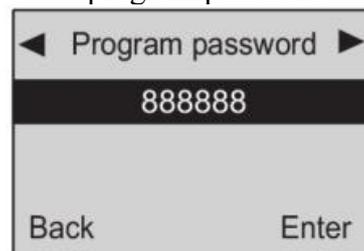
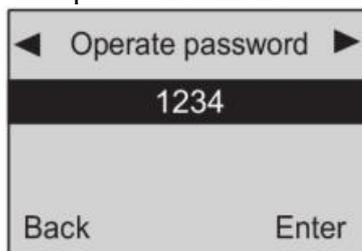
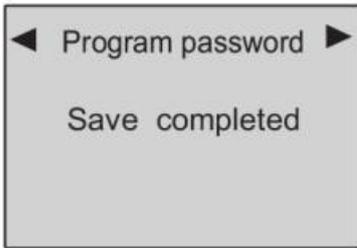


Fig4: input password and save it





### 23 Arm Delay Time Setting

After this setting, the system will enter out arm status after the preset time. Delay time ranges from 01-99 seconds. The system default time is 60 seconds

Method: enter “settings” menu, then you’ll see “operate password”. Press “6” to choose “delay arm”. Input the time you want to set and save it.

Operation figures:

Fig1: enter setting menu

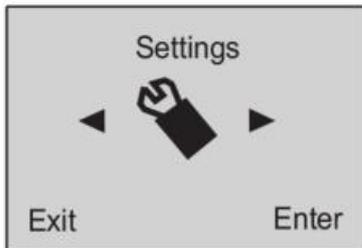


Fig4: input time and save it



Fig2: you’ll see “Operate password” menu

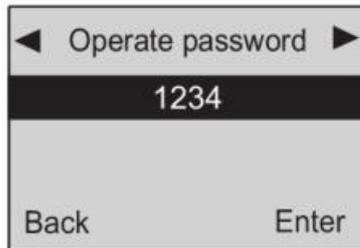
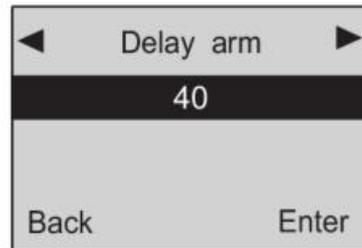


Fig3: press “6” to choose “delay alarm”



### 24. Alarm Delay Time Setting

After this setting, when there’s an alarm, the system will make call after the preset time. Delay time ranges from 01-99 seconds. The system default time is 40 seconds

Method: enter “settings” menu, then you’ll see “operate password”. Press “6” to choose “delay alarm”. Input the time you want to set and save it.

Operation figures:

Fig1: enter setting menu

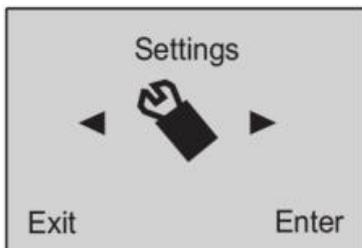


Fig4: input time and save it

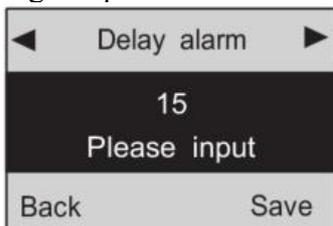


Fig2: you’ll see “Operate password” menu

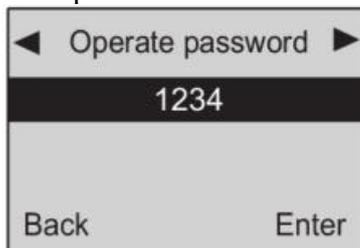
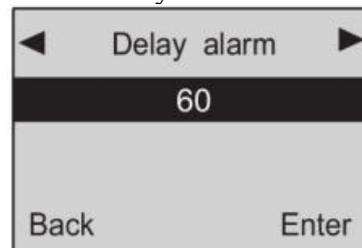


Fig3: press “6” to choose “delay alarm”



### 25. Voice Prompt Function

This main panel has voice prompt function. When user press arm or disarm of the remote controller, it will give voice prompt. System default for the prompt is on. Users can set it according to actual

needs.

**Method:** enter “settings” menu, then you’ll see “operate password”. Press “6” to choose “voice prompt” and choose “enable” or “disable”.

Operation figures:

Fig1: enter setting menu

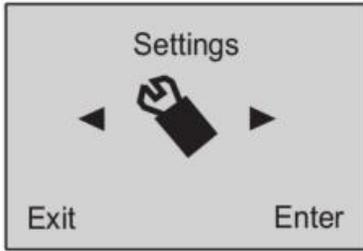


Fig2: you’ll see “operate password” menu

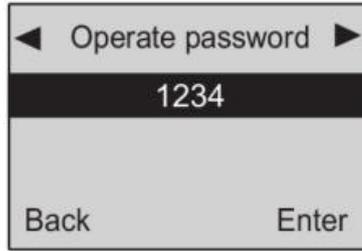


Fig3: press “6” to choose “voice prompt”

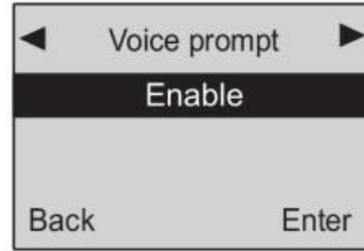
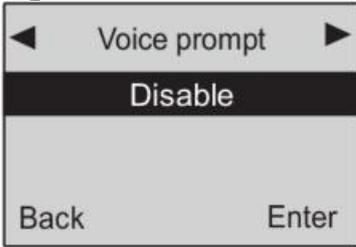


Fig4: choose enable/disable



## 26.Siren Prompt for Remote Controller

Turn on this function, the siren will sound a short beep each time you press the remote controller. System default is off.

**Method:** enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “siren prompt” and choose “enable ”or “disable”.

Operation figures:

Fig1: enter setting menu

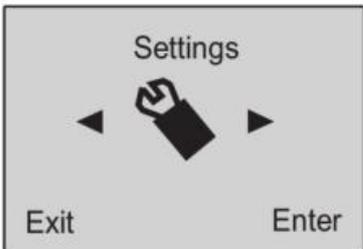


Fig2: you’ll see “operate password” menu

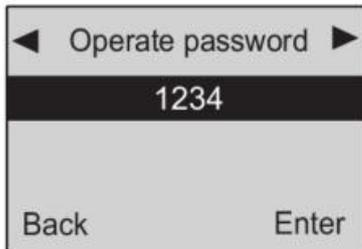


Fig3: press “6” to choose “siren prompt”

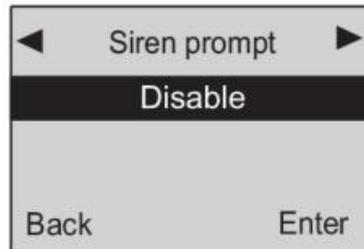
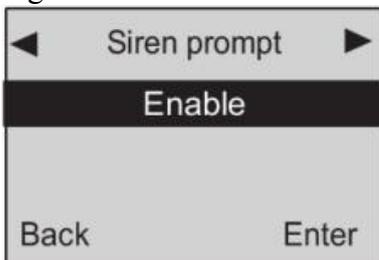


Fig4: choose enable/disable



## 27.Siren Setting in “Emergency Help” mode

System default is that when you press the emergency button of the remote controller, the siren does not ring. Users can set it according to the actual needs.

**Method:** enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “remote siren” and choose “enable” or “disable”.

Operation figures:

Fig1: enter setting menu

Fig2: you’ll see “operate password” menu

Fig3: press “6” to choose “remote siren”

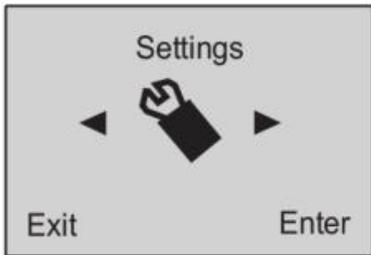
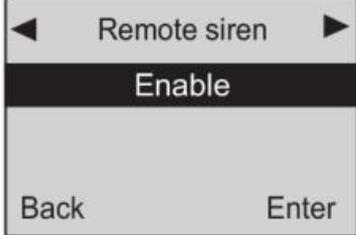
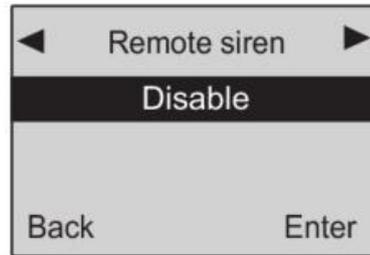
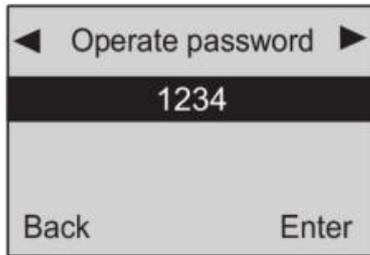


Fig4: choose enable/disable



## 28.SMS Replay for Arm/Disarm

When the user arm or disarm the system, other users may not know it. Enable this function, the panel will send SMS notification to all SMS numbers, so that users could know the status or the system in time SMS content.

Method: enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “arm disarm SMS” and choose “enable ”or “disable”.

Operation figures:

Fig1: enter setting menu

Fig2: you’ll see “operate password” menu

Fig3: press“6”to choose “arm disarm SMS”

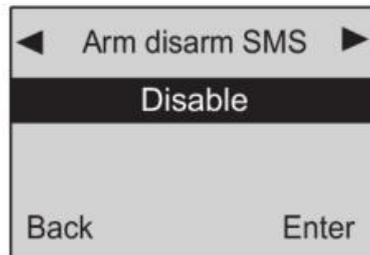
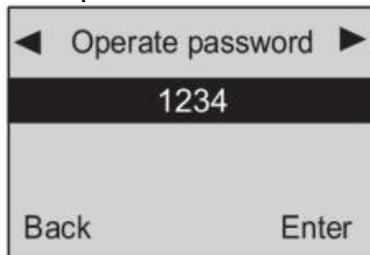
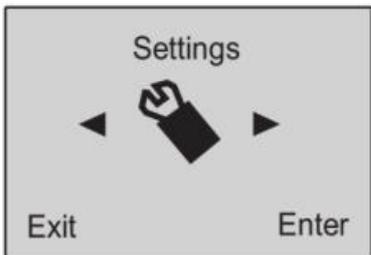
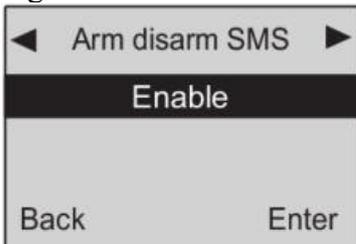


Fig4: choose enable/disable



## 29.Factory Reset

When the system is unstable, it is recommended to reset it. Enter “settings” menu, and then you’ll see “operate password”. Press “6” to choose “factory setting”. After this operation, all the settings return to factory default

Operation figures:

Fig1: enter setting menu

Fig2: you’ll see “operate password” menu

Fig3: press “6” to choose “factory setting”

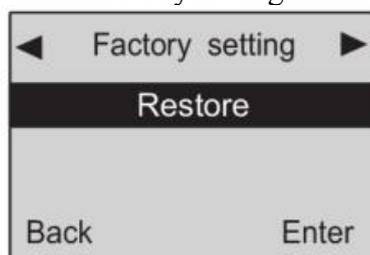
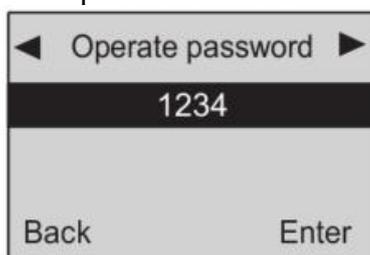
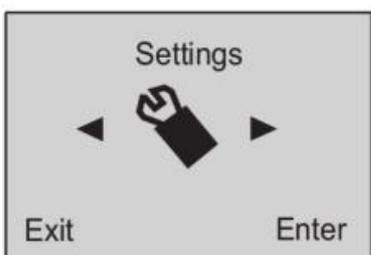


Fig4: Press “ok” to confirm



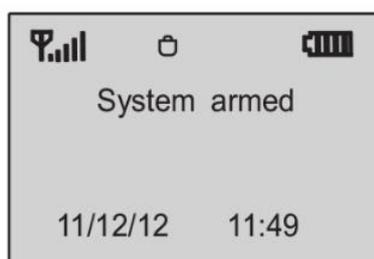
## Chapter 5.Operation Instruction

### 1. Out Arm

Out arm means all the defense zones are in arm status. When there's nobody at home, it is required to set all the detectors working. Any detection source (such as thief, fire, or gas leakage) trigger the detector, the alarm system will make alarm.

Remote controller operation: press arm button [  ] on the remote controller.

Main panel operation: press [  ]. The system will enter arm status after the delay time (default: 60 seconds)



### 2. Home Arm

Home arm means part of the defense zones are in arm status. When there's someone at home, it is recommended, for safety purpose, to enable some of the detectors (such as sensors for door, window, balcony, etc, and disable the others (such as sensors for the hall or some places easy to be triggered by person at home)

Remote controller operation: press home arm button [ **S** ] on the remote controller.

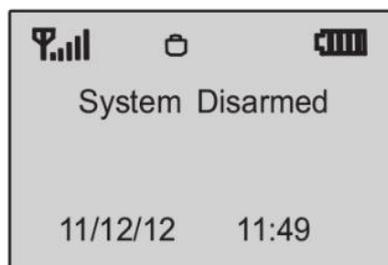
Main panel operation: press [0+  ].

### 3. Disarm

The purpose of disarming the system is to let it not in alert status. One way is normal disarming after operation of arming, and the other is to stop the main unit alarming. After the operation of disarm, all the defense zones except 24-hour zone shall not work.

Remote controller operation: press disarm button [  ] on the remote controller.

Main panel operation: password (default: 1234) + “ok”.



### 4. Answer Alarm Call

When the main unit sounds alarm, it will dial the preset numbers. If no one answers the call, the system will call the next number automatically. It will call all the preset numbers in order for 3 times. If you answer the call, you can set system via your telephone or mobile phone keypad. If you hang up directly without answering the call, the system will call all the numbers circularly for 3 times.

Press[\*]:read the alarm information.

Press[1]:Main unit stops alarming and Arm; it stops calling users.

Press[2]:Main unit stops alarming and Disarm; it stops calling users.

Press[3]:Siren off and monitors the scene for 30 seconds; for continued monitoring, press [3] again to monitor for another 30 seconds

Press[4]:Main unit starts a 30-second two-way intercom It cannot be controlled the mobile during the time of intercom

## 5. Remote Control

Dial the number associated to the alarm main unit by phone (mobile phone), and after the ringing cycle, you can hear a voice prompt “Please inter password (default: 1234)”. If the password is right, you will here “Press Enter induction”. Press 1 to arm, Press 2 to disarm, Press 3 to monitor, Press 4 to intercom. If the password is wrong, you will hear a prompt voice “wrong password, please re-enter”

Press[1]: arm, if finished successfully, you will hear a voice prompt “System armed”.

Press[2]: disarm, if finished successfully, you will hear a voice prompt “System disarmed”.

Press[3]:monitoring for 30 seconds, to continue monitoring. Press [3] again to monitor for another 30 seconds

Press[4]:two-way intercom for 30 seconds. You can't operate the main unit during this time.

## 6. Emergency help

Sometimes, there may be some accidents happening (such as sudden illness of old people or children, fire accident, burglar intrusion). Press [SOS] button on keypad, or [ ⚡ ] button on the remote controller or wireless panic button, the main unit will alarm and make call to the preset user numbers.

Remote controller operation: press [ ⚡ ] button on the remote controller.

Main panel operation: press [SOS].

The SMS content for emergency help is: 00 zone SOS alarm.

## 7. System Dialing Function

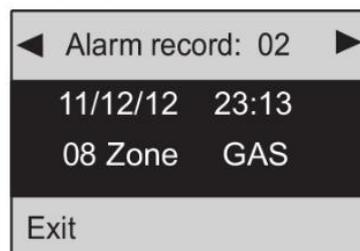
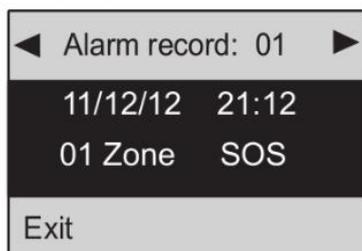
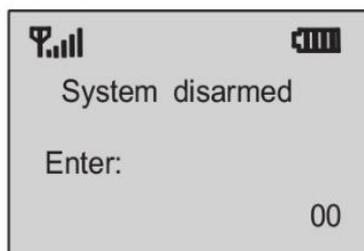
In disarm status, you can use the main unit to make any call just like a land-line telephone. Dial telephone number on keypad, press [ ☎ ] button, the main unit will make a beep and the LCD screen will display the number you are calling. After the call, press [ ☎ ] button again, the call will be hanged up and main unit will be in disarm status.

## 8. Alarming Record Checking

This alarm system can store 200 alarm records. The last alarm is ranked as the first record. And when the record number exceeds 200, the most previous record will be deleted automatically.

Checking method: In disarm state, input [00] + status “ok”, the main unit enters the state of alarm record checking. Press “4” or “6” to upturn or downturn, and press “ESC” to exit checking.

Fig1: press “00” in disarm status Fig2: press “4” or “6” to check Fig3: press “4” or “6” to check



## Chapter6. Technical Parameters

Input Voltage: DC12V/1A

Standby Current: <40mA

Alarming Current: <450Ma

Wireless Frequency: 433/315MHZ EV1527

GSM Frequency: 850/900/1800/1900MHZ

Back-up Battery: Lithium ion rechargeable battery

Siren Volume: 100-110Db

## Chapter7. Components List

Main panel 1pc

Remote controller 2pc

PIR sensor	1pc
Door sensor	1pc
Power adapter	1pc
User manual	1pc
Siren	1pc