

MOBILE CALL
GSM Alarm System



USER'S MANUAL



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Profile

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

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Chapter 1. Features

- ☆ Elegant and advanced touch keypad for easy operation;
- ☆ 128x64 lattice LCD screen with clock display;
- ☆ 4 wired and 10 wireless defense zones; each wireless zone supports maximum 10 sensors;
- ☆ Support maximum 8 remote controllers;
- ☆ Built-in high-volume speaker, and artificial intelligent digital voice announcer;
- ☆ Built-in artificial intelligent English message;
- ☆ 10-second automatic voice message recording;
- ☆ Can preset 6 phone numbers: when alarming, system will make audio call to these numbers automatically;
- ☆ Can preset 3 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, bypass defense 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 30 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 of the device is busy;
- ☆ Built-in LI battery: automatically recharge.



Chapter 2. Alarm Host Introduction



- 1. LCD screen: Resolution:** 128x64; support English and Chinese display.
- 2. Status LED**

POWER: power and working status indicator.

 - flashing quickly (once per second) means the system is searching GSM network;
 - flashing once per 3 seconds means the system is under standby status.

SET: it will be on when the system enters setting status.

SIGNAL: signal indicator.

ALARM: it will be on when the system is under alarm status.
- 3. Touch keypad:** this keypad is Resistive Touch Panel which requires press with certain strength. But please do not push it heavily.

ARM: press it; the system will enter OUT ARM status.

STAY: press it; the system will enter HOME ARM status.

CALL: 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.

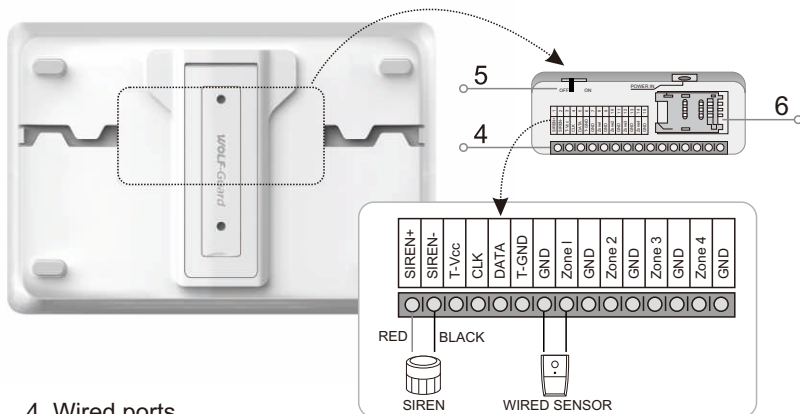
SOS: emergency alarm

ESC: clear the input content or back to last operation

ENTER: confirm



Alarm Host Introduction



4. Wired ports

1	SIREN+	Positive of siren (red cable)
2	SIREN-	Negative of siren (black cable)
3	T_VCC	Invalid port (does not have any function)
4	CLK	Invalid port
5	DATA	Invalid port
6	T_GND	Invalid port
7	GND	GND
8	Zone 1	Wired sensor 1: support both NO and NC
9	GND	GND
10	Zone 2	Wired sensor 2: support both NO and NC
11	GND	GND
12	Zone 3	Wired sensor 3: support both NO and NC
13	GND	GND
14	Zone 4	Wired sensor 4: support both NO and NC
15	GND	GND

5. Switch for internal battery.

6. SIM card slot: Please pay attention to the direction arrow marked on the slot: "LOCK" "OPEN". Do not insert or take out the SIM card when the main unit is power on.



Chapter 3. 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. Connect the power adaptor. The main panel will start self-inspection and the POWER indicator LED will flash once. If this LED does not light on, you need to restart the panel. Please do it at least 10 seconds later as repeated power on and off in short time is bad to the panel's service life.
4. There will be a short beep after searching GSM network successfully. The signal icon will display on the screen and the power status LED will flash every 3 seconds.
5. Turn on the battery switch.
6. 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.

Chapter 4. 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 ENTER. The main panel makes a "beep" and SET indicator lights on. The screen shows remote controller setting.

Fig 1: disarm status

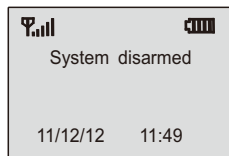


Fig 2: please enter password

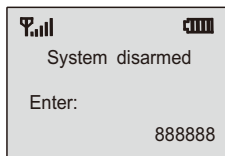
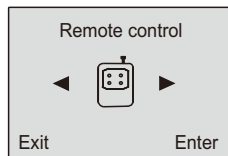


Fig 3: press ENTER to set





2. Add Remote Controller

This device supports maximum 8 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 ENTER to confirm. Trigger the remote controller you want to add, the panel will make two beeps after receiving it. And then press ENTER 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:

Fig 1: enter remote control menu

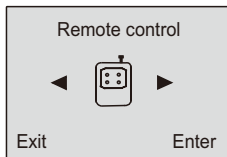


Fig 2: choose remote control serial number and coding menu

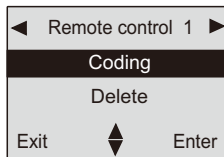


Fig 3: waiting to receive signal

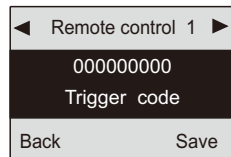


Fig 4A: recognize successfully

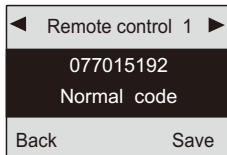


Fig 4B: the host has the same code with remote controller code

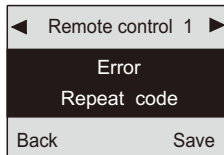
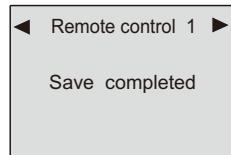


Fig 5: press ENTER to save



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 ENTER.

Operation figures:

Fig 1: enter remote controller setting

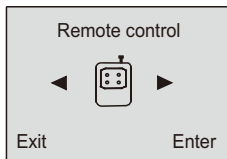


Fig 2: choose the controller you want to delete

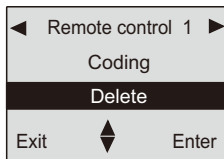
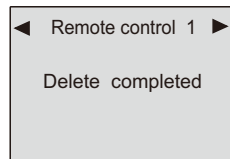


Fig 3: press ENTER to confirm



4. Coding of Defense Zone

This alarm system has 10 wireless defense zones, each of which supports up to 10 wireless detectors. 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 then press ENTER to confirm. Trigger the sensor you want to add, the panel will make two beeps after receiving it. And then press ENTER 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:

Fig 1: enter defense zone setting

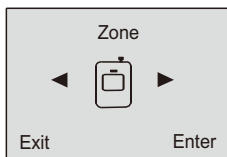


Fig 2: choose zone number and press ENTER

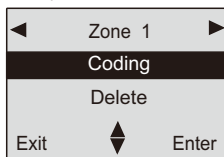
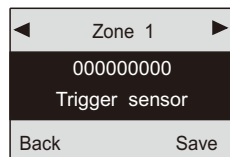


Fig 3: waiting signal from sensor





System Settings

Fig 4A: recognize successfully

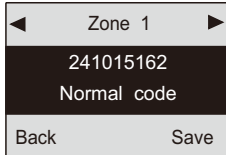


Fig 4B: the host has the same code with sensor code

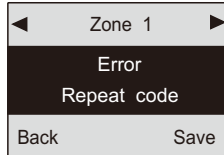
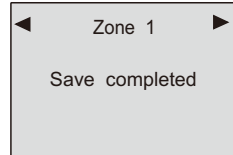


Fig 5: press ENTER to save



5. Delete Defense Zone

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

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

Operation figures:

Fig 1: enter defense zone setting

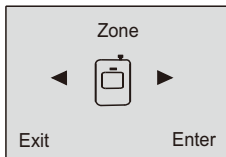


Fig 2: choose zone number

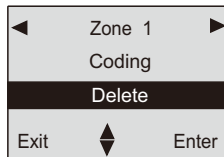
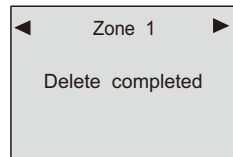


Fig 3: choose Delete and press ENTER



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 “Chapter 6. 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 ENTER will shift the places.



Operation figures:

Fig 1: enter defense zone setting

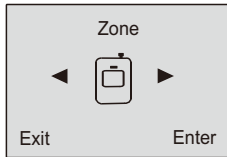


Fig 2: choose defense zone place

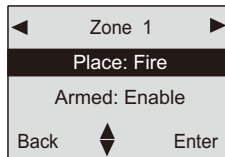


Fig 3: press ENTER to confirm

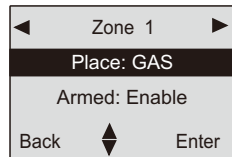


Fig 4: (this example)

Before setting, the alarm SMS for zone 1 is: 01zone 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: out arm, home arm, alarm under disarm mode. For example, you need gas detectors working all the time, please set ARM, HOME, and DISARM as enabled.

Method: enter defense zone setting menu, press "2" or "8" to choose HOME arm status (enable or disable), press ENTER to confirm. Setting methods for OUT arm and DISARM are the same.

Operation figures:

Fig 1: enter defense zone setting

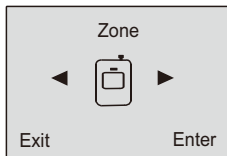


Fig 2: choose mode

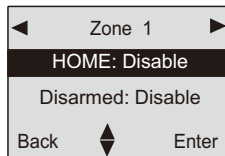


Fig 3: press ENTER to confirm

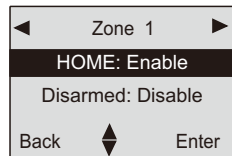


Fig 4: (this example)

Before setting, zone 1 does not alarm in home arm status;

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



8. 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, and then press ENTER to confirm.

Operation figures:

Fig 1: enter defense zone setting

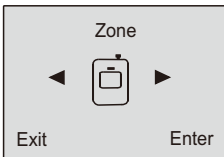


Fig 2: choose siren status

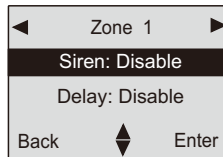


Fig 3: press ENTER to confirm

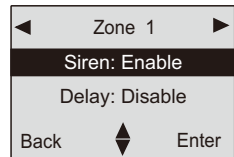


Fig 4: (this example)

Before setting, the siren is on when zone 1 alarms;
After setting, siren will not sound when zone 1 alarms.

9. Alarm Delay Setting

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

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

Operation figures:

Fig 1: enter defense zone setting

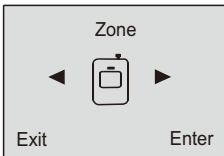


Fig 2: choose delay status

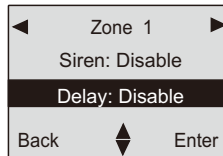


Fig 3: press ENTER to confirm

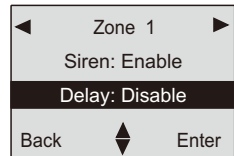


Fig 4: (this example)

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)



10. Alarm Number Setting

This system can store 6 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 then press ENTER. Input the number you want to set, then press ENTER to save.

Operation figures:

Fig 1: enter phone number setting



Fig 4: press ENTER to save

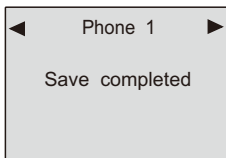


Fig 2: choose serial NO.

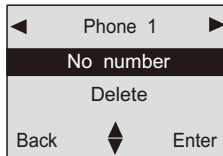


Fig 5: the 1st number is set successfully

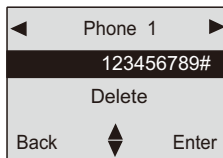
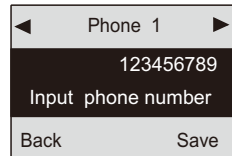


Fig 3: input phone number



11. 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 ENTER to confirm.

Operation figures:

Fig 1: enter phone number setting menu

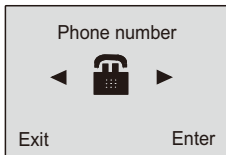


Fig 2: choose the number you want to delete

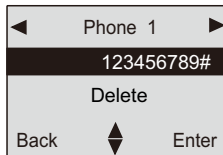


Fig 3: choose “delete”

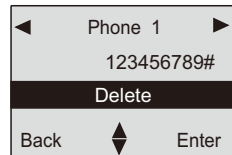
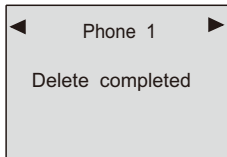




Fig 4: the 1st number is deleted



12. SMS Number Setting

This system can store 3 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 ENTER. Input the number you want to set, then press ENTER to save.

Operation figures:

Fig 1: enter SMS number setting



Fig 4: press ENTER to save

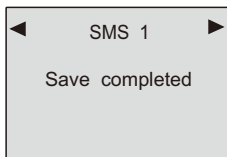


Fig 2: choose serial number and press ENTER

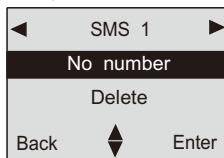
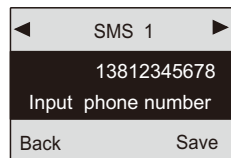


Fig 3: input SMS receiving number



13. 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 ENTER to confirm.



Operation figures:

Fig 1: enter SMS number setting



Fig 2: choose the number you want to delete

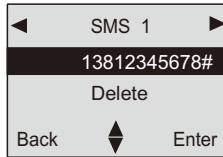


Fig 3: choose "delete"

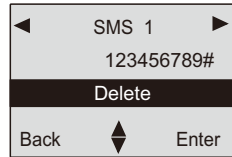
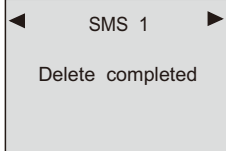


Fig 4: the 1st number is deleted



14. Network Center Setting

This system does not have this function at present. Please kindly contact us if needed.

15. Voice Recording

This system can make 10-second voice record. When alarming, it will make call and play this record.

Method: enter record setting, and start by choosing "start recording". It will stop automatically 10 seconds later.

Operation figures:

Fig 1: enter record setting

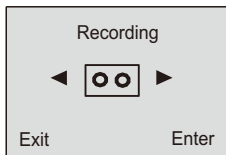


Fig 2: start recording

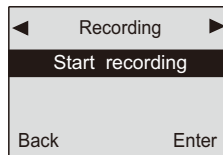
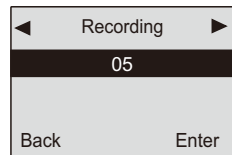


Fig 3: record for 10 seconds



16. Record Play



Enter record setting, and then press “6” to choose “play”. The panel will start playing the voice message you recorded. You can re-record if you're not satisfied with it.

Operation figures:

Fig 1: enter record setting

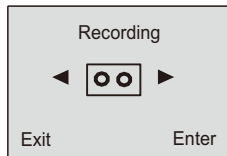


Fig 2: you'll see this menu

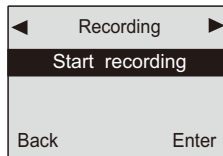


Fig 3: press “6” to choose “play”

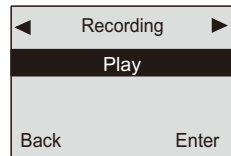
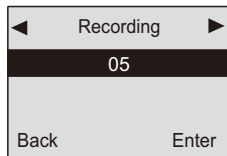


Fig 4: press ENTER to play the record



17. System Date Setting

The 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 ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

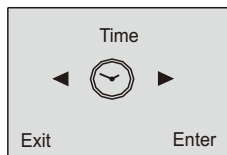


Fig 2: choose date setting menu

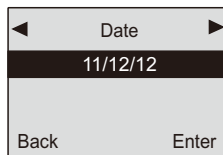


Fig 3: input the date

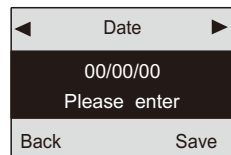
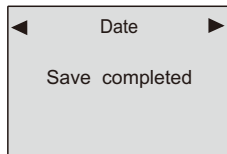


Fig 4: press ENTER to save





18. 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 ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

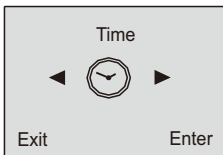


Fig 2: you'll see date setting menu

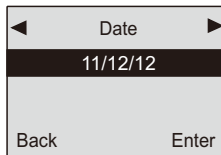


Fig 3: press “6” to choose “time”

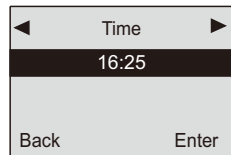


Fig 4: input the time

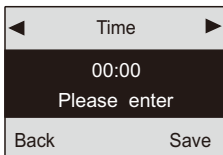
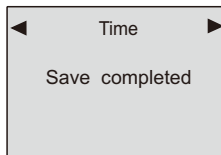


Fig 5: press ENTER to save



19. 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 ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

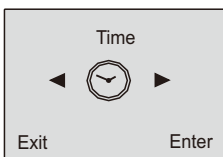


Fig 2: you'll see date setting menu

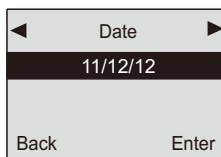


Fig 3: press “6” to choose “timely arm”

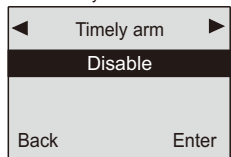
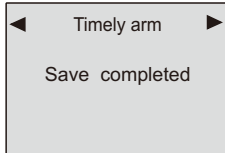




Fig 4: input the time you want to set



20. 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 ENTER to confirm.

Operation figures:

Fig 1: enter time setting menu

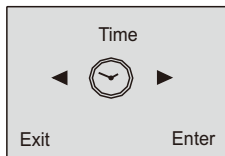


Fig 4: input the time you want to set

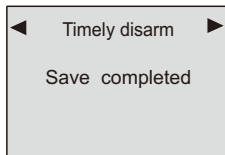


Fig 2: you'll see date setting menu

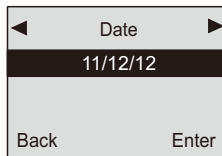
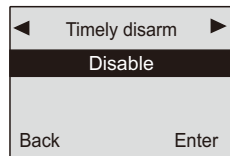


Fig 3: press "6" to choose "timely disarm"



21. Wireless Control Setting

This system does not have this function at present. Please kindly contact us if needed.



22. 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:

Fig 1: enter Wireless Control menu

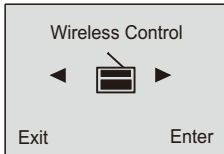


Fig2: control menu

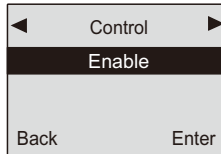


Fig3: Press “6” to choose Wireless siren

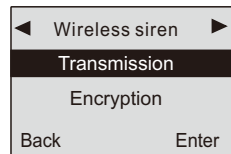


Fig 4:

After pressing ENTER key, the main unit will transmit a wireless signal to control the wireless siren.

23. 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:

Fig 1: enter wireless control menu

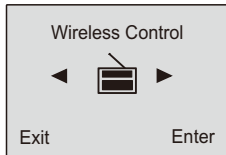


Fig 2: control menu

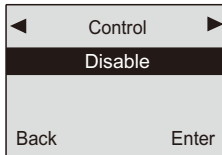


Fig 3: press "6" to choose wireless siren

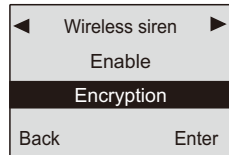


Fig 4: input 4 numbers randomly

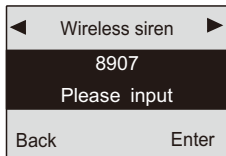
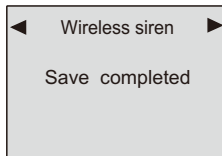


Fig 5: press ENTER to save



24. Wireless Control for Home Appliance

It does not have this function at present. Please kindly contact us if needed.

25. 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:

Fig 1: enter settings menu

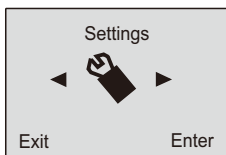


Fig 2: enter operate password menu

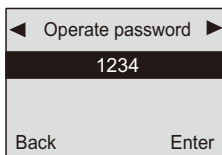


Fig 3: input the 4-digit password

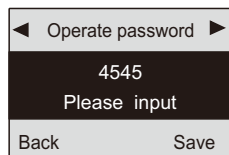
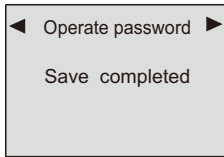




Fig 4: save it



26. 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:

Fig 1: enter settings menu

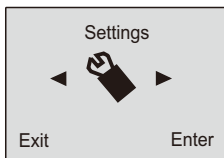


Fig 2: you'll see “ Operate password ” menu

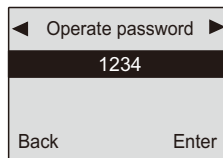


Fig 3: press “6” to choose program password

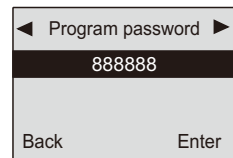
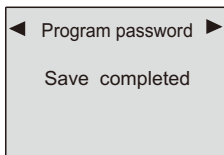


Fig 4: input password and save it



27. 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:

Fig 1: enter settings menu

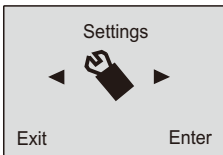


Fig 2: you'll see “Operate password” menu

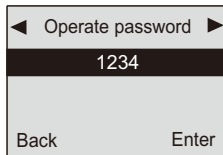


Fig 3: press “6” to choose “delay arm”

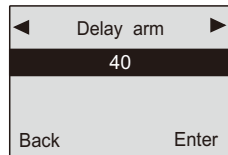
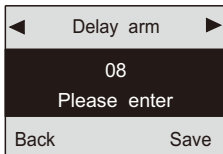


Fig 4: input time and save it



28. 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 60 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:

Fig 1: enter settings menu

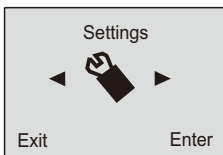


Fig 2: you'll see operate password menu

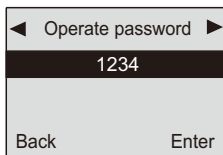


Fig 3: press “6” to choose “delay alarm”

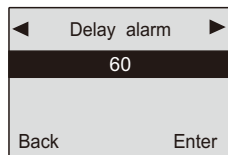
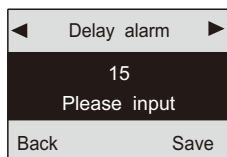




Fig 4: input time and save it



29. 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:

Fig 1: enter settings menu

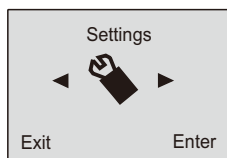


Fig 4: choose enable/ disable

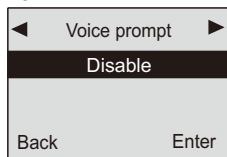


Fig 2: you'll see operate password menu

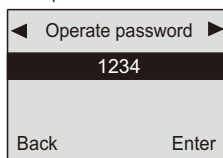
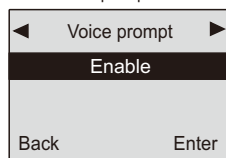


Fig 3: press “6” to choose “voice prompt”



30. 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:

Fig 1: enter settings menu

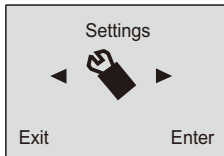


Fig 2: you'll see operate password menu

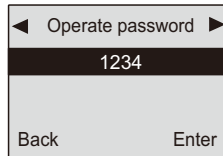


Fig 3: press “6” to choose “siren prompt”

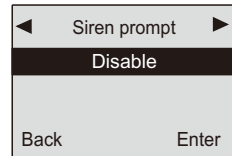
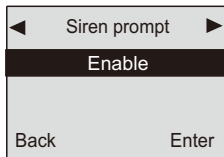


Fig 4: choose enable/ disable



31. Backlight Setting

The backlight of the LCD screen and keypad will be off automatically after a certain period of time when there is no operation on the keys. Users can set it keep on if required. System default is disable.

Method: enter “settings” menu, and then you'll see “operate password”. Press “6” to choose “backlight on” and choose “enable” or “disable”.

Operation figures:

Fig 1: enter settings menu

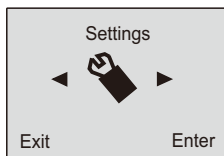


Fig 2: you'll see operate password menu

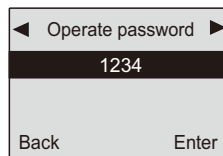


Fig 3: press “6” to choose “backlight on”

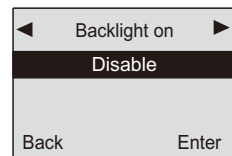
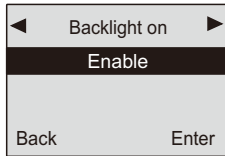




Fig 4: choose enable/ disable



32. 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:

Fig 1: enter settings menu

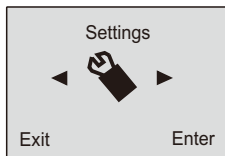


Fig 2: you'll see operate password menu

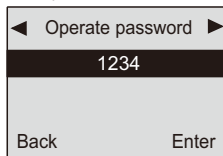


Fig 3: press “6” to choose “remote siren”

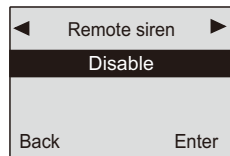
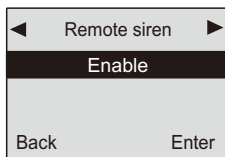


Fig 4: choose enable/ disable



33. SMS Reply 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



System Settings

numbers, so that users could know the status of the system in time.

SMS content:

Out arm: System armed; disarm: System disarmed.

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:

Fig 1: enter settings menu

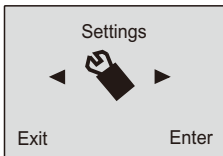


Fig 2: you'll see operate password menu

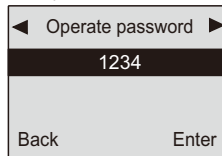


Fig 3: press “6” to choose “arm disarm SMS”

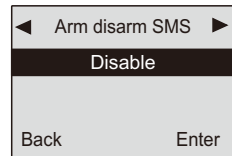
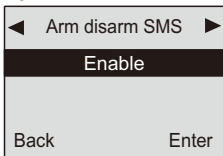


Fig 4: choose enable/ disable



34. Language Setting

This alarm system supports English and Chinese versions. Please enter “settings” menu, and then you'll see “operate password”. Press “6” to choose “language”. Then press ENTER will shift between Chinese and English.

Operation figures:

Fig 1: enter settings menu

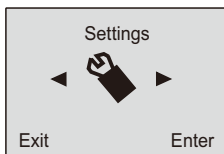


Fig 2: you'll see operate password menu

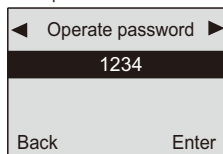


Fig 3: press “6” to choose “language”

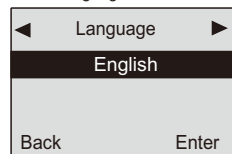




Fig 4: choose the version
you need



35. 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:

Fig 1: enter settings menu

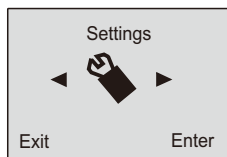


Fig 4: Press ENTER to confirm

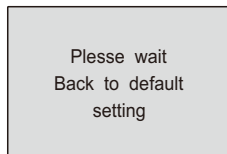


Fig 2: you'll see operate
password menu

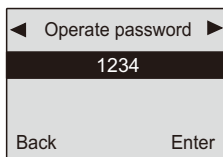


Fig3: press “6” to choose
“factory setting”



36. Forget Password

If users forget the password, they can input 95175308246 under disarm status. The main panel will display “please wait, back to default

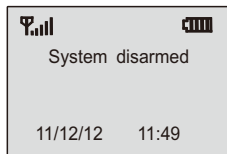


Operation Instructions

password”. After this operation, the operate password return to factory setting “1234” and program password to “888888”.

Operation figures:

Fig 1: under disarm status



Fog 2: input 95175308246

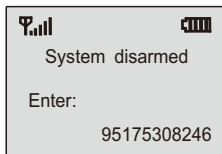
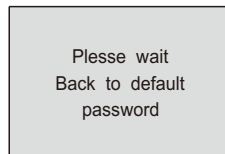


Fig 3: confirm the operation




Chapter 5. Operation Instructions

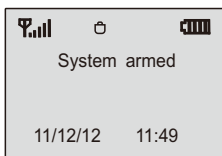
1. Out Arm

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.

Use main panel keypad to press [ARM]. You will hear 60 beeps per each second and then the screen will display “system armed”.

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

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






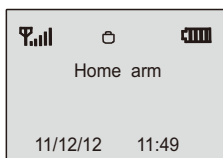
2. Home Arm

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).

Use main panel keypad to press [STAY]. The screen will display "system armed".

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


Main panel operation: press [STAY].



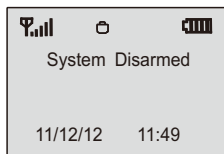
3. Disarm

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.

Use main panel keypad to input operation password + ENTER. The screen will display "system disarmed".

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

Main panel operation: password+ENTER



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 will hear the pre-record voice. 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 by 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 enter password". If the password is right, you will here "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". System default password is 1234.




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 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 [CALL] button, the main unit will make a beep and the LCD screen will display the number you are calling. After the call, press [CALL] 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 30 alarm records. The last alarm is ranked as the first record. And when the record number exceeds 30, the most previous record will be deleted automatically.

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

Operation figures:

Fig 1: press 00 in disarm status

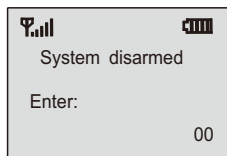


Fig 2: press 4 or 6 to check

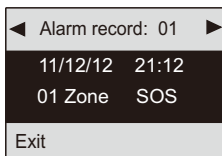
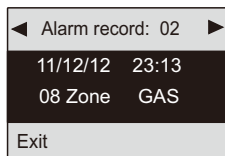


Fig 3: press 4 or 6 to check



Chapter 6. Technical Parameters

List 1

Input Voltage	DC12V/1A
Standby Current	<35mA
Alarming Current	<450mA
Wireless Frequency	433.92MHz
GSM Frequency	GSM 850/PCS1900
Back-up Battery	NI-HI AAA*6 DC7.2V
Siren Volume	100~110dB



List 2

Defense Zone	Out Arm	Home Arm	Type	Alarm Information	Siren
Zone 1	effective	invalid	real-time	Door alarm	yes
Zone 2	effective	invalid	real-time	Hall alarm	yes
Zone 3	effective	effective	real-time	Window alarm	yes
Zone 4	effective	effective	real-time	Balcony alarm	yes
Zone 5	effective	effective	24 hours	Fire alarm	yes
Zone 6	effective	effective	24 hours	Gas alarm	yes
Emergency button	effective	effective	24 hours	SOS alarm	no
Zone 7-10	effective	invalid	real-time	SOS alarm	yes
Wired defense zone (7-10)	effective	invalid	real-time	SOS alarm	yes
Program Password	888888		Remote control		On
Operation Password	1234		Siren		Off
Siren sound time	180 sec.		Home Appliance		Optional

Chapter 7. Components List

Main panel	1 pc,
Remote controller	2 pcs,
Siren	1 pc,
PIR sensor	1 pc,
Door sensor	1 pc,
Power adapter	1 pc,
User manual	1 pc.



Chapter 8. Care and Maintenance

The alarm system has excellent design and uses advanced technologies. It shall be used with care. The following suggestions are required to maintain your obligations under the warranty terms, and for prolonging the service life of the system.

- ☆ Place the control panel and all parts and accessories out of children's reach.
- ☆ Keep the alarm system dry. Rain, humidity and various fluids or moisture all will corrupt the electronic circuit.
- ☆ Do not use or place the alarm system in dirty locations, otherwise the electronic elements will be damaged.
- ☆ Do not place the system in excessively hot locations. High temperature will shorten the service life of electronic equipment, damage batteries, deform or even melt some plastic parts.
- ☆ Do not place the system in excessively cold locations. Otherwise condensation may occur and damage the circuit board of the alarm system.
- ☆ It is recommended that you check and test the alarm system periodically:

Check the main unit every three months:

1. Whether it can arm/disarm normally;
2. Whether it can dial the number for alarm normally;
3. Whether it can receive wireless detectors' signal normally;
4. Whether the back-up battery can work normally.

Check the wireless detectors once a month:

1. Trigger wireless detectors to see if system can alarm normally;
2. Check all detectors' batteries to see if it's in low voltage;
3. Check whether wireless detectors can send signal to the main unit normally.



Check the SIM card:

1. Check the use of SIM card, such as network signal, balance, etc.
2. Make sure the PIN code verification of the SIM card is closed.
3. Please keep the password and SIM card number safe, in case that other people remote control the system illegally.

- ☆ Since the alarm system is continuously in operation or standby mode, the supply adaptor of the control panel shall be connected to a safe and reliable socket.
- ☆ Do not place the system near your bedroom or office table, because the siren will make high-loudness sound in the case of alarm, which may adversely affect your rest or work.
- ☆ If the alarm system will not be used for a long time, please disconnect the system from the power supply.
- ☆ Please do not disassemble, repair or alter the products without permission, or it may cause accidents and faults.
- ☆ Do not drop this product on the ground or on hard objects, as it may lead to massive impact to cause faults and damages.
- ☆ Without approval and consent of relevant authorities, please do not set “110”, “119” or the alarm phone number of police station for this main unit.

Please read the suggestions above carefully and follow the instructions herein. If any of the equipment does not work properly, please send it to the dealer or authorized service point for repair. We will try our best to solve the problem for you as soon as possible.



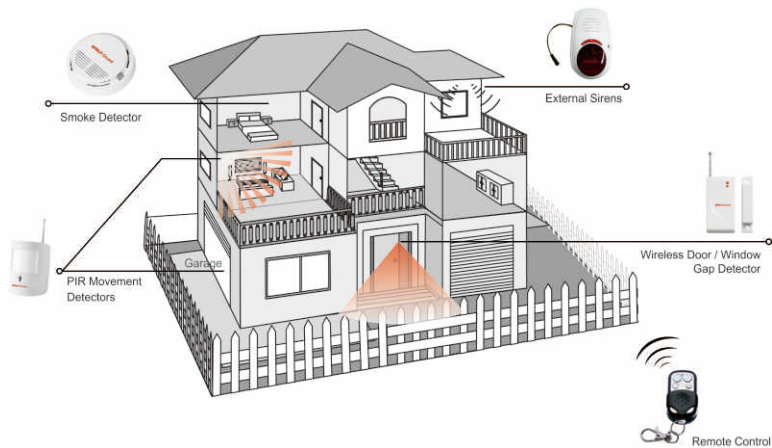
Components List

The following sensors are optional:



Optional sensors/detectors are packed separately.
You can choose according to your specific requirements.

Typical house configuration





This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."