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Chapter One: Summary





Thank you for choosing our intelligent multifunctional burglarproof alarm system to protect your life and property. Please read the user manual carefully before installation and operation. We believe that this product fully embodied its convenience and applicability no matter in configuration and function, or in operation.





Chapter Two: Main Features

- 1) Compact design, blue backlight, big LCD Screen Display
- 2) Voice Instruction
- 3) Program three groups of time for arm/disarm
- 4) 100 historical alarm time records
- 5) GSM Network phone alarm function, Support English Short Message. It can automatically report arm/disarm status.
- 6) External MIC Optional
- 7) Leave-Ground Alarm Function
- 8) Low power consumption, backup battery lasts for at least 72 hours
- 9) 32 wireless defense zones, 8 wired Defense zones
- 10) Support five wireless doorbells
- 11) Low Power Alarm Function
- 12) AC Power Failure Alarm
- 13) Built in siren, External Siren Optional
- 14) Recycling call the pre-set six groups of alarm telephone numbers
- 15) Remote sound monitoring, arm and disarm control
- 16) Learning Code, can work with many accessories
- 17) Separately arm/disarm each defense zone
- 18) Built-in 9V backup battery.

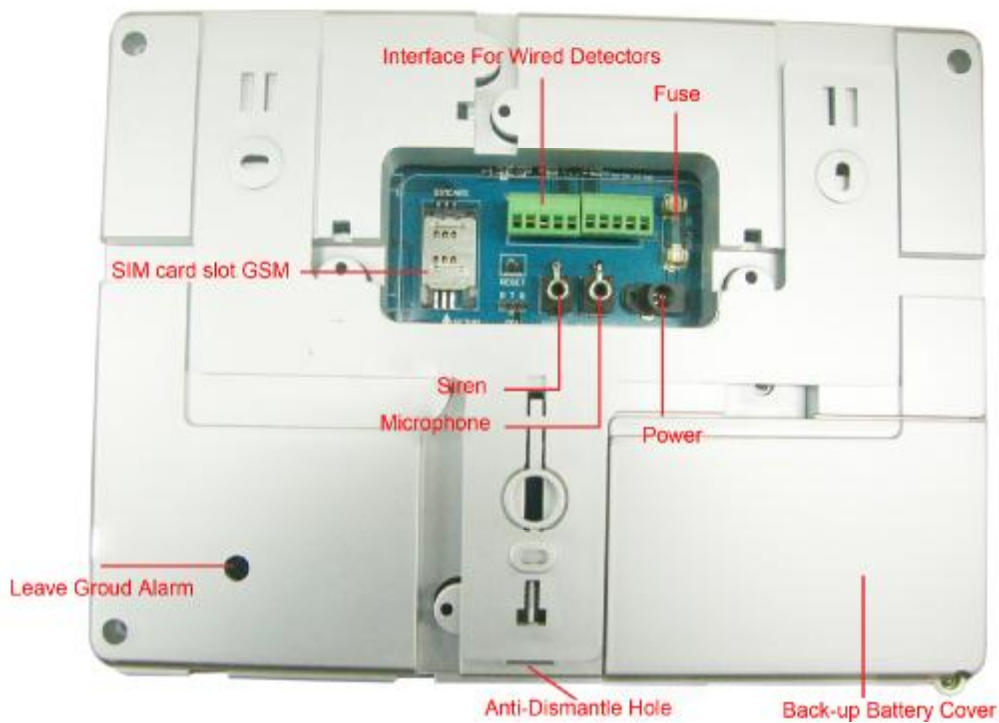
Chapter three: Working Elements and Functions

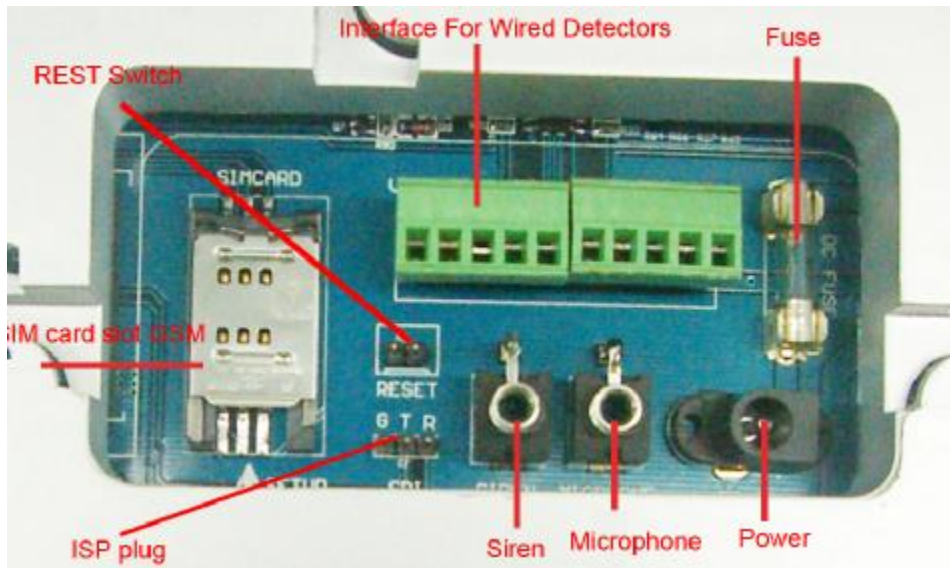
3.13.1 Complete set introduction:

	<p>It is the main panel of the alarm, which can receive signal, Recognize alarm, and record alarm and output alarm etc functions.</p>		<p>Siren: It can reach 120dB when the system is triggered.</p>
	<p>Intelligent curtain PIR Motion sensor detects the movement from human beings</p>		<p>Gas Leakage Detector: it can detect combustible gas and work together with main panel or work separately.</p>

	<p>One transmitter and one magnetic part, if the distance between these two parts is over 1.5cm, then it will send signal to the main panel.</p>		<p>Smoke detector: it can detect the suspended particulates before fire occurs.</p>
	<p>Remote controller: User can use remote controller to arm/disarm the whole system and press "panic button" for emergency alarm.</p>		<p>Back-Up battery DC9V 500mA</p>

3.2 Main panel installations and cautions





Intercom Indicator: The intercom indicator will light up when the main panel dials for alarming.

Bypass: When you want to disarm certain sensor separately, press “Bypass” button and input “password”. It is available for all the accessories with the digital code of 2211

Arm: When you want to arm this system, press “ Arm” button on the main panel, and then input the “password=1234”.

Disarm: When you want to disarm this system, press “ disarm ” button on the main panel, and then input“password=1234”

Network Indicator: When this system has GSM network signal, the network indicator will flash one time per second.

Installation for Main Panel

- A、 Insert the siren into the siren jack, and well connected GSM antenna.
- B、 Insert the external MIC into MIC Jack if have.
- C、 Please input one prepaid Mobile SIM card into the chassis as showed in the picture.
- D、 Open the battery cover, and well connect the battery wire, also Connect the adapter with the main panel. At this time, you will hear one short “Beep” sound, the power indicator lights up, Auto-check GSM network and log in. Initialization time is about one minute. The Armed LED flashes as initialization.
- E、 System initialization completed, you can hear one long sound “Beep”, the Armed LED stops flashing and becomes normally bright, that means the whole alarm system is now activated. If network logging on is successful, the network LED flashes. If initialization is failed, you can hear constantly short sound “B”, that means SIM CARD is out of network or boot-strap uncompleted. The system is not available to dial the telephone number, only independent locale alarm available.
- F、 Install this alarm system in proper place or fixed on the wall.

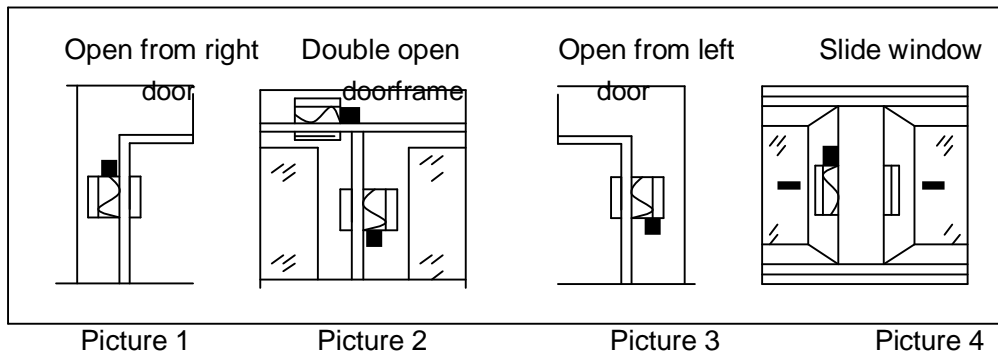
Notice for Main Panel Installation:

- A、 Install the alarm system in wide open area for making it smoothly receive the signals from different detectors
- B、 Install this alarm system in hidden place, where is not easy been found.
- C、 Be sure the wire connection for main panel is correct.
- D、 Do not install this system near high frequency electric appliance by avoiding interference of electromagnetic waves
- E、 Install this system at least 0.5 meters from ground by avoiding shielding.

3.3、 Installation and cautions of Door Magnetic Sensor:

Door/window magnetic detector consists of one big transmitter and one small magnetic part which are stuck on the door, window, or cabinet. If the distance is over 1.5cm between these two parts, and it will send signal to main panel immediately to trigger the alarm system.

Illustration Figure 3



When the power of magnetic part is low, then the indicator will light up or the transmitting distance is markedly shortened, under this situation, should change to 12V,23A standard battery.

- A、 Install it in proper place
- B、 It is recommended to make the distance between accessories and the main panel as close as possible. Reduce the interference from concrete walls and electric appliance etc.
- C、 wireless transmitter should be placed free of rain and humidity
- D、 The transmitter should be installed in doorframe and the magnetic part be installed in the door only.

3.4 Installation for Curtain PIR Motion Detector:

- A、 The wall for installing the motion detector should be steadily.
- B、 Do not install more than two motion detectors in the same area by avoiding two motion detectors are triggered at the same time.
- C、 It is recommended that not install the motion detector in strong air convection places.
- D、 Do not install the motion detector towards the direct sunshine
- E、 When the detector is installed in high temperature area, please make the motion detector face to the area where the temperature is lowest in this detecting area.
- F、 When there is a lot of interferences, please reduce the sensitivity and decrease the operating range as 4-8M.
- G、 The antenna should be put on the top. Fix the back cover of the motion detector with a screw driver (Bottom Cover has earmarked a number of holes). Detecting area is 1.5 to 2.5-meter above ground.

H、To prevent the movement of small animals from triggering alarm, you can adjust the motion detector to make the detecting area above 30 cm from the ground, because thieves will not creep on the ground. It is impossible for thieves creep into the house for stealing. Therefore, security is still guaranteed.

I、When you sleep at night with the window open, please string or fix the curtains so that it will not swing to the detecting area and trigger the alarm..

3.5 Installation for Smoke Sensor

1、Working theory:

When the smoke sensor reaches the concentration to alarm, the smoke detector will beep itself, and sends wireless alarm signal immediately to the main panel

2、Installation

Should be installed in bedrooms, living rooms and warehouse. Screwing its chassis on the roof ceiling and place battery in the battery seat.

3、Cautions:

(1) Do not install the smoke sensor at the strong air convection places, e.g. air outlet and window etc.

(2) Should place it 0.75 meters from wall corner;

(3) Dustproof and humidity proof;

(4) To maintain the distance between the main panel in its effective range;

3.6 Installation for The Gas Leakage Detector

1、Working Theory

in the effective detecting range of gas leakage detector, When the gas leakage concentration reaches the concentration to alarm, the gas detector will beep itself, and sends wireless alarm signal immediately to the main panel to trigger this system.

2、Installation

(1) Install it in the kitchen. Firstly, it is necessary to determine the proportion of combustible gas and air, secondly, install the detector in a radius of 1.5 meters from the gas source suitable location, and then connect the power supply.

(2)According to gravity in the air, Gas detector should install in different positions. Liquid petroleum gas is heavier than air, detectors should be installed 0.3 meters higher than the ground; Gas, natural gas is lighter than air, detectors should be installed 0.3 meters below the ceiling;

(3) Supply 220V/110V Power for pre-heating three minutes, and then it will enters into working status.

3、Notice

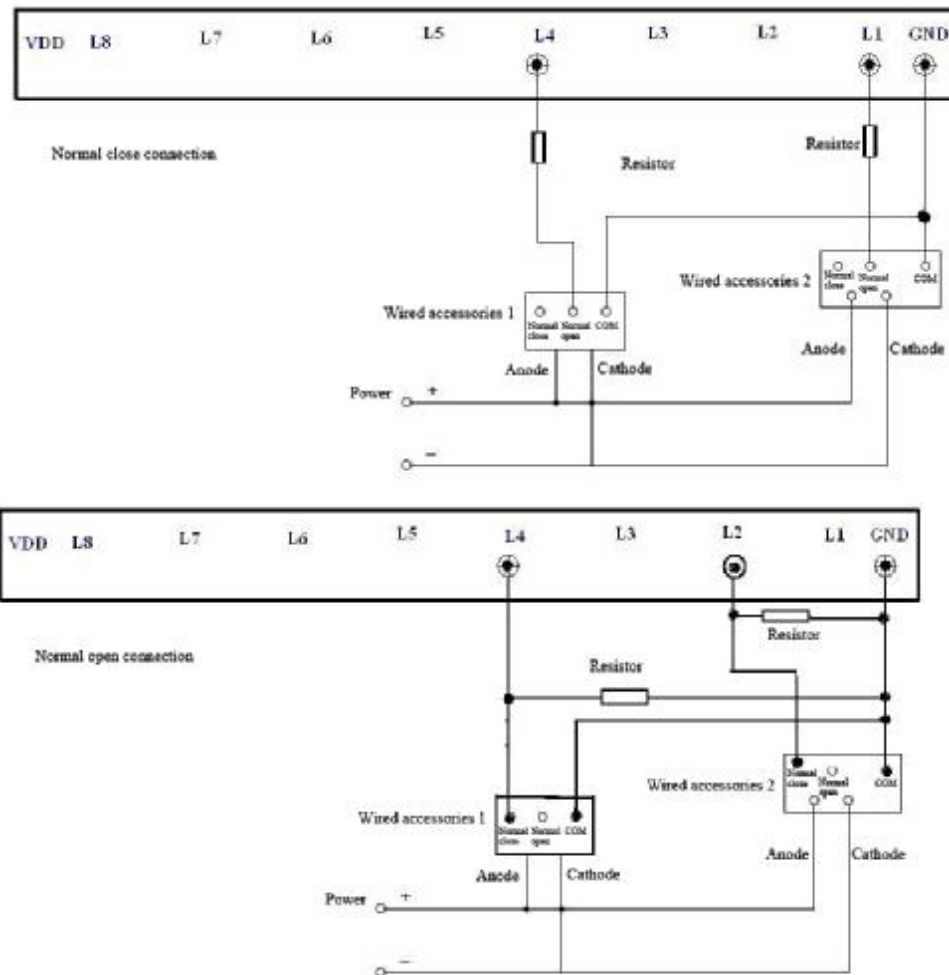
(1) Do not install it outside.

(2) Do not install the detector near air inlet, exhausting fan and door etc strong air

convection places.

- (3) Do not install it in high humidity area;
- (4) Do not install the detector separated from the gas by other objectives or equipments;
- (5) Do not use heavy amount of spray glue, pesticides, adhesives, diluents, such as alcohol near the detector by avoiding affecting the sensor components works normally.

3.7 How to connect the wired interface:



Chapter Four: Learn how to dial a test call quickly


For the sake of a fast product testing and satisfy your curiosity to the new product, we would like to teach you how to dial a test call first.

The main panel will sound one beep after supplied power, and the arm indicator will light up. Press "Set" + "1234" + "#" on the keypad, then press "Clear" and input "phone number+#", the first phone number is correctly input. If you made a wrong operation please try again, the new number will cover the former one. After set up the telephone

Number and press the “Help” button to trigger this system, the system will dial the phone Number you preset and the communication indicator on the main panel will flash fast. When receive the call from the system, please try to remote control the system through your phone.

Chapter 5: Operation for Remote Controller


 Arm (Arm the System)

 Bypass Arm (Arm some detectors of the main panel. button twice in 3 seconds, you will hear 2 sounds “Beep”, It relevant detector have been bypassed and will never be It’s decided by the jumping pins, the factory setting is PIR), bypass function identify the code of the detectors, it’s different “disarm separately function”)



press this means the triggered.

The from

 Disarm (Disarm the whole alarm system)

 Panic button (Emergency)

Chapter Six: Function Setting and Program

6.1 Arm, Disarm and Alarm

Arm: It’s an arm state when the arm indicator on the alarm host is lighting. Any accessories which pairing the host will alarm immediately if it is been triggered and we haven’t do separately disarm operation.

Disarm: When the alarm host is in disarm status, the detectors will never been triggered, however, if we put the detectors in 24hours available defense zone, which will continue to work, such as smoke detector and gas detector etc.

Alarm: When the host has been triggered, It will dial preset phone number or alarm with local hooting

Bypass: If you want to set part of the detectors in arm status only, It’s possible to disarm the zones which is not on arm status, and then arm the system.

Note: Without a password protection, It’s possible to press “disarm” button on the alarm host directly to disarm the system, and you can hear a voice report“host disarmed”. With password protection, press the “disarm” button, when you can see the zone light flashing one by one you can input the “password and it will done.

The same operation to the arm, you will hear a voice report "arm succeed"

The bypass button on the control panel: It's set for the arm bypass, the same it's protected by the password protect function, The button "⚡" on the remote control have the same function as this button.

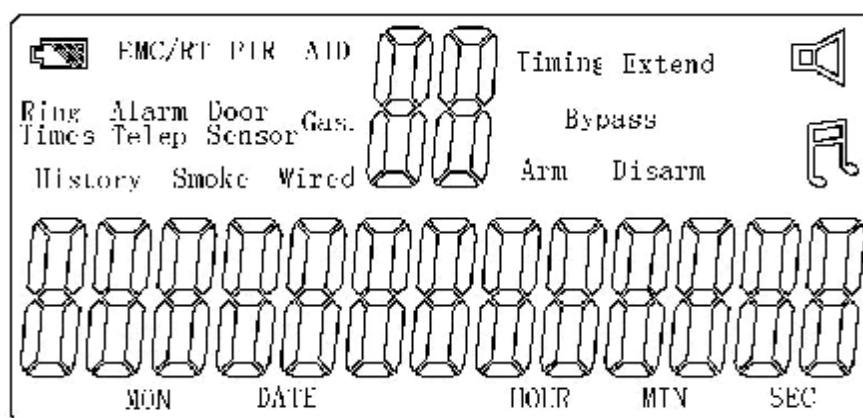
I. Shortcut for Bypass

1、 When alarm system is in arm state, The system will be in the Bypass state once pressing "⚡" button on the remote control twice within 3 seconds while the panel is armed. This function is originally setting for the sensors in second defense zone with the code 2211. It is for IR motion detector preset at the factory.

2、 When the alarm system is in disarm state, Press "bypass" + "password (1234)" on the panel, all accessories with the zone code 2211 will be in the state of Bypass.

Note: any functions settings and program on the Alarm control panel are based on the alarm control panel is in a disarmed condition

**All accessories can be used only after the panel learned their signals.
The LCD display is as follows:**



Symbol instruction

Siren: mute / sound indicating the alarm state

Music symbol: remote tone on / off model indication

Ring times: use for setting the ringing time for long distance call

Emergency call: different meanings for different states. There are three types (remote, 24 hours monitoring and long distance operation record) according to the different cases.

Alarm Telephone: the symbol displayed when the alarm phone is set.

IR: IR motion detector

Door sensor: door/window door magnetic sensor

Smoke detector: smoke detector

Baluster: hidden burglarproof net, baluster etc.

Gas: Gas detector

Timer: timer for arm and disarm

Extension: time extension for arm and alarm

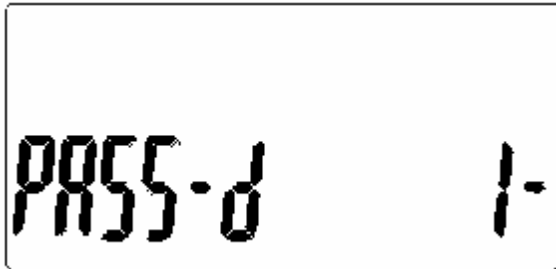
Bypass: the mode of arm

Arm: arm

Disarm: disarm

The password is needed for the operation on the panel (original: 1234).

No operation on the panel within 70 seconds, the panel will be auto locked.

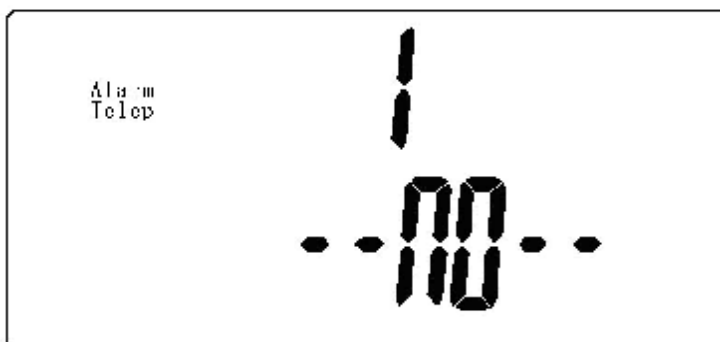


The cursor on the right will be flashing when it waits for password input. Confirm the password by pressing #. If the password is incorrect, then the background light will be off. If correct, it will come into the page for the function set. If you don't want to save the setting, exit directly by pressing **Disarm** to return to the normal page.

II. Set Alarm telephone number

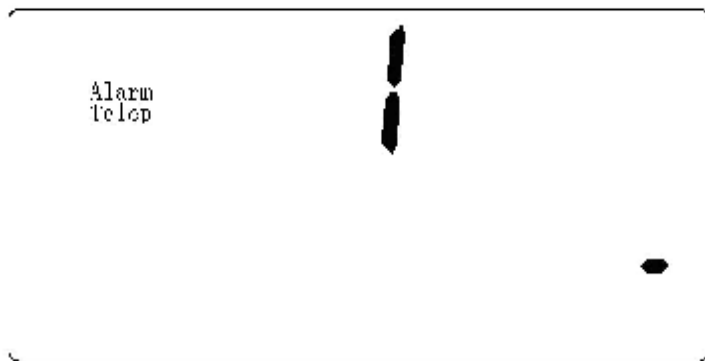
2.1 Phone number setting

In the normal state, press **#** key, the following telephone number inputting interface will be appeared after inputted correct password.



"1" indicates the sequence of current phone number. In total can set six groups of telephone numbers to the main panel. Press "2" or "8" to choose the sequence of the phone to be programmed. If there is no phone number, it will be **--no--** on the screen otherwise the phone number will be displayed. Press **Clear** to edit the phone number and press "# "to save. Please press 2 and 8 to enter the edit page. The length of phone number can reach 32 digits. When it is over 13, only the last 13

digits are displayed. Meanwhile the left will be shown as “-”. If no telephone number is programmed, the edit page will be as:



Meanwhile the “-” will be flashing. Then you need to input the phone number and press “#” to save.

2-2. Phone Number Deletion

If you want to delete one group pre-set phone number, please return to the phone number input page, and then press directly. This phone number will be deleted.

III. Record Personal Voice Message

Record: In the normal status, press button, “password” and “#” to enter the following page:



Meanwhile, The number “-5” on the right will count down to inform you to start recording when the “-5” becomes “0” second. The record can be maximum 10 seconds.

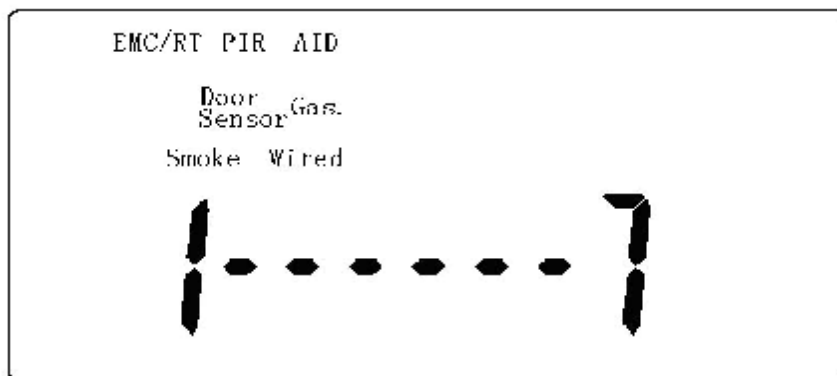
Play Record: press to play the record. If it is not clear, you can re-record.

IV. Operation for Wireless Sensors

This product adopts the advanced wireless sensor auto learning function to simplify the whole system operation and improves the system security. Each remote controller has its own code. When one remote is lost, you only need to delete it. Then the lost remote controller will be invalid for this system.

Learning ID code is actually to record and recognize the ID code sent by accessories. When the host is in ID code Set-up program, you can trigger any sensor to send a signal, the host will receive and record ID code message of each sensor. In normal working, the host will receive alarm signal of every sensor to compare with the ID code recorded, and recognize which sensor has been activated. Operation is as follows:

When the host is under the normal working status, press the **program** button + "password" button, following picture will appear:




Digit "1-7" will show the setting as following:

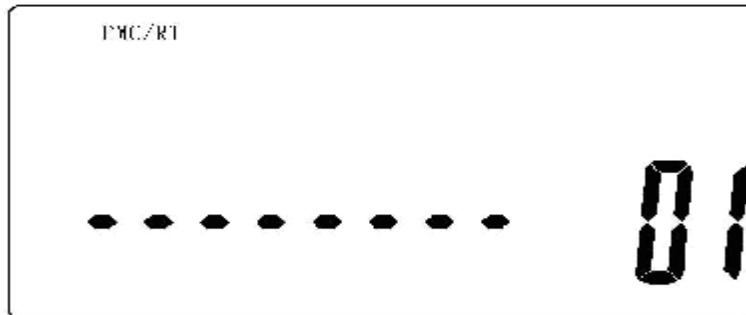
- 1: Emergency Help (Means learning remote controller ID code)
- 2: PIR (PIR detector, PIR curtain detector, Pet Immune PIR detector etc.)
- 3: Door Magnetic Sensor (Door sensor, Rolling Door sensor etc.)
- 4: IR Baluster (Active Infrared detector)
- 5: Gas Detector (Gas Leakage detector)
- 6: Smoke Detector (Smoke Detector)

Press corresponding digit keypad, the system will enter the corresponding Set-up menu, for e.g.: Choose "Emergency Button", and press "1" button, following remote controller studying interface will appear:



At the same time, the "-" glittering symbol on the right corner of the screen

means waiting the defense zones in which you learn the accessory. The efficient ID code command is "00-32". Moreover, Learning the remote controller must be "01". This means the remote must be in the 1st defense zone. For e.g.: "22" means 22 defense zones. Here is how to learn remote control e.g.: input command "01", then press  button, the alarm host will send out two short "Di Di" sounds with following picture:



Meanwhile in the middle of the screen "-----" symbol will roll continuously. Please press the any button in the remote controller keypad, the remote controller will send it own ID code to the host system. When the host receive it, it will send out two short "Di Di" , which indicates the learning of remote ID code is successful. If the host sends out five short "Di Di Di Di Di", that means the programming was wrong, or the input digit was to long and overtime, so you need to re-input again. If the system cannot receive the signal sent by accessory after 20seconds, the operation will be cancelled automatically.

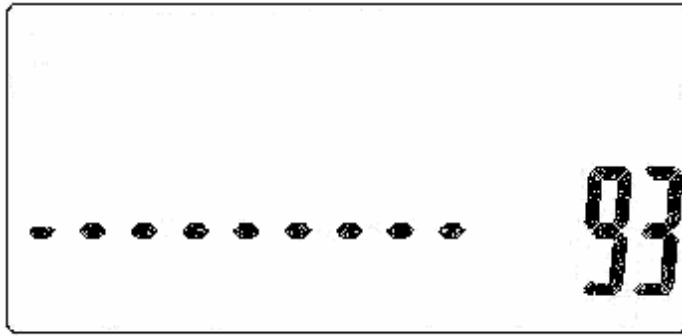
You can learn other accessories in similar way above. Please notice the following:

- 1、 Don't learn Door sensor, PIR, AIR, Smoke Detector, Gas Detector etc in the first zone.
- 2、 When the wireless accessory is learnt, the acquiescence mode is "ARM". Therefore, please edit the mode of each accessory you want such as 24 hours supervise, Arm supervise, Bypass Supervise, or Never Supervise.

How to learn door bell

I: This system can support one to five door bells:

Press Program button +5+ * + 93 + #, then you will hear two short "Di Di" sound, and then the following menu will appear:



The “-----”symbol in the middle of the screen will continuously rolling, at this time, press the wireless doorbell button, the doorbell will automatically program the code and send to the host, and the host will sound two short “beep” after received the code, which indicates the code setting successfully. If the host sounds “Di Di Di Di Di Di” five short sounds, which indicates the code setting input is wrong or overtime. Please re-input. It will be auto canceled if the host do not received it within 20 seconds.

Delete doorbell: press + button, panel indicates“DOORBELL 00”and then input“93”and press“#”button.

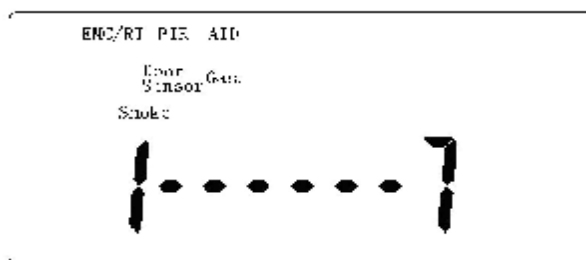
Doorbell sound selection

This alarm has three doorbell sounds available。Input , the panel indicated“DOORBELL 00” press button, and then input“00”for the first sound, the second is“01” and the third is“02”, finally press “#” button.

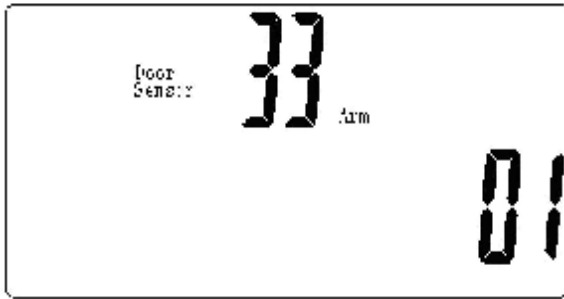
4 – 2 . Programming of wireless accessories

After set the code of wireless accessories, and then can program their alarm type, the purpose is to change the alarm type based on users’ actual use. E.g. one user uses PIR at the place where there usually no people activities as an important monitoring area. So can set the PIR as real-time monitoring. Because there is no people movement at usual time. Once have people, then the PIR will send the signal to host for alarming. The other user set the PIR as bypass status, the host will alarm when the PIR is triggered. The specific operation as following:

When the host is under normal status, press button, then input the password, the following menu appeared:



press button, you can see the set wireless accessories, press or button :

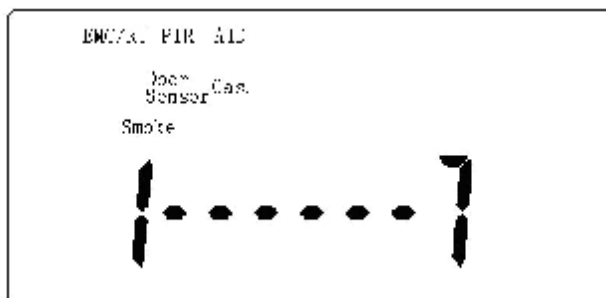


When it changed to the wireless accessory which to be programmed, press button, then can set this wireless accessory alarm type, in total four types:

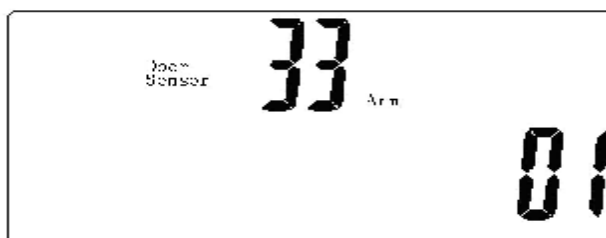
- 1 . Emergency help (this is 24 hours monitoring area)
- 2 . Arm (these accessories will be triggered to alarm only when the host is under arm status)
- 3 . Bypass (which means the accessories will not be triggered to alarm when it is under bypass status)
- 4 . Disarm (No matter what's the status of host, the accessories will not be triggered to alarm)

4 — 3 . **The deletion of wireless accessories** (please do not do this operation if you are not familiar with this product)

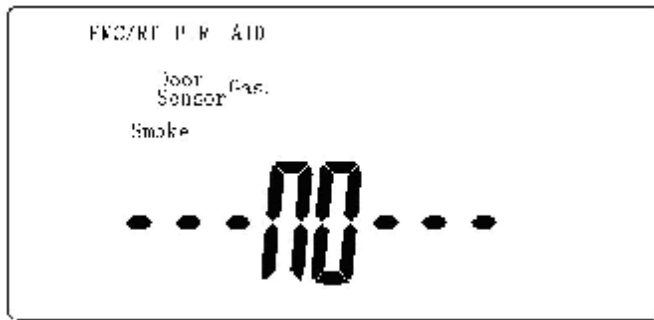
When the host is under the normal status, press button, then input the password, the following menu will be appeared:



Press button, can review the set wireless accessories, press or button for up page and down page:



If there is no wireless accessories set, it will display the following window:



When it changed to the wireless accessories to be deleted, press button, then you can delete current accessory, and which can be used again by re-learning (please do not do this operation if you are not familiar with this product).

4 — 4 . **The deletion of remote controller** (please do not do this operation if you are not familiar with this product)

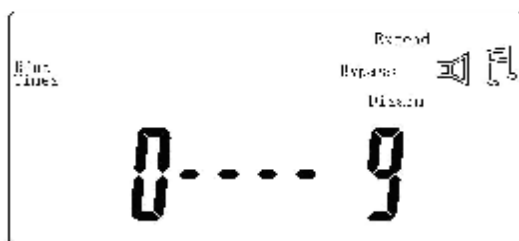
This operation has a certain fatalness, it is only used when the remote controller lost and need to re-learn the new one, the deleted remote controller can not be used any more to host. The operation is as following: Under the normal status of host, press button,

input the password, press button, and then you will hear two short “Di Di” sound after re-input the password, which indicates the remote controller successfully deleted.

五. System setup

5 — 1 . **Setup of host date and time** (which mainly used for alarm record and time arm/disarm)

Under the normal status of host, press button, input the password, then the following menu will be appeared:



press button, appear the year setup window and the screen is flashing:



After input year, it will automatically enter to month and date interface:



Press keypad digit key and input corresponding month and date, then it will automatically change to time input interface:

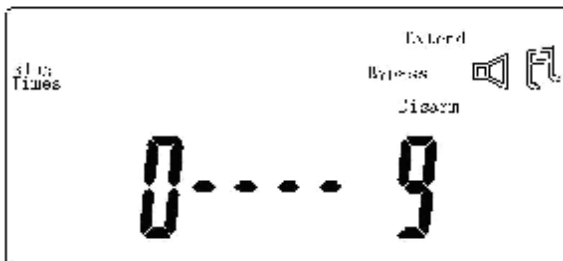


After input the time, press button for making it effective and back to system setup menu.

5 - 2. Remote controller operation audio on/off

remote controller operation audio means when press any button on remote controller, the host siren also sounds audio, the operation method as following:

under the normal status of host, press button, input the password, then the following window will be displayed:



press button, then will appear remote controller operation audio setup interface:

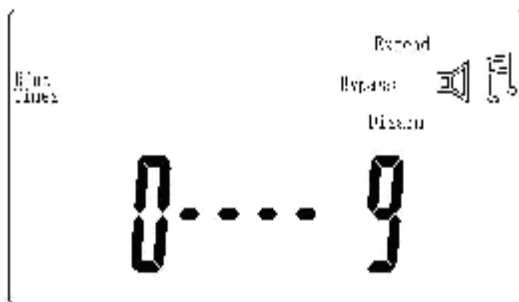


Press **2** or **8** button for switching off or on this function, if you set it as on, then the top right corner of the main screen will appear one music symbol icon, which means remote controller operation audio ON. After setup, press **set** button for making it effective and back to system setup menu.

5 –3. Arm/disarm password protection

Arm/disarm password means when the host is alarming, whether the user needs to input the host password when he/she arms and disarms the host by a phone. The operation is as following:

Under the host normal status, press **set** button, input host password, then the following window will be appeared:



press **3** button, it will appear arm/disarm password protection setup interface and the screen is flashing:

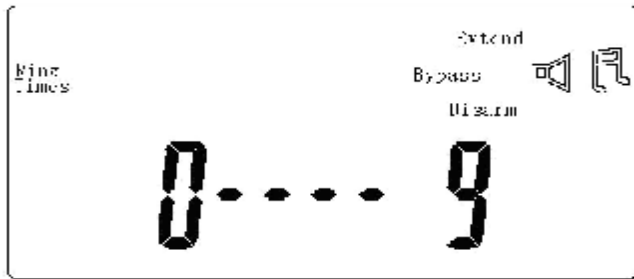


Press **2** or **8** button for switching O F F or O N this function, after setup, press **set** button for entering into effective and back to system setup menu.

5 –4. Siren hooting time

Siren hooting time means when the host is alarming, the siren hooting duration time. The unit is minute, the operation is as following:

Under the host normal status, press **set** button, input host password, and then the following window will be appeared:



press button, then it will appear siren hooting time setup window:

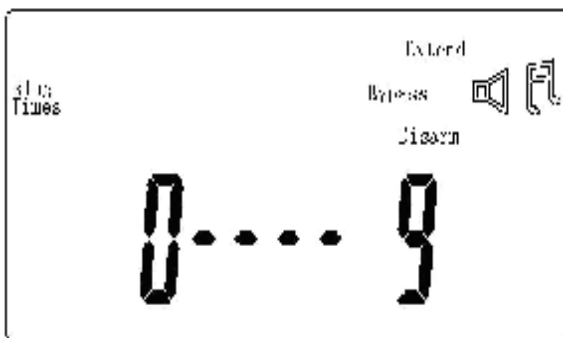


Press button, input the time to be set and then press button. The unit is minute, if you input "0 0", it means soundless, the siren will not sound when alarm. After that, press button for making it effective and back to system setup menu, and one horn symbol will appear at the top right corner of the main screen, which means currently the siren hooting alarm is activated.

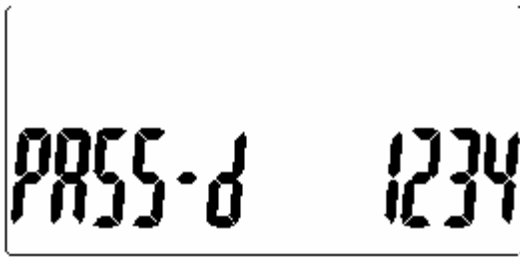
5 —5. Change the password

The host password is for each setting of the alarm system, and the default password is 1234. You can set any four numbers as your password; The operation as following:

When the host is under normal status, press "set" button and input the password (eg.1234), then it will display the following window:



Press button, the host password setup window is appeared:

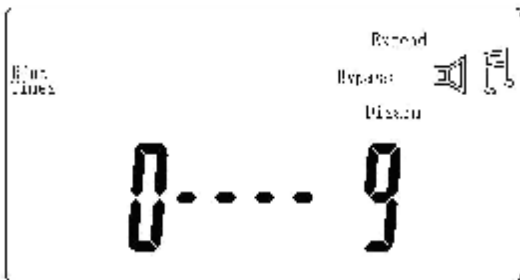


The screen display the password (1234), press the “clear” button to edit, and then input any four numbers as your new password. To complete and record this operation, please press Button for other settings; then press “set” button for making it effective and back to system setup menu.

5 –6. Set ID number

ID code is mainly used to connect with the alarm center. The exact ID number depends on the distribution when the alarm center installs the card. And the way of setting is mentioned as below:

When the host is under the normal status, press “set” button and input the password, then it will display the following window:



Press button, the screen for ID number setting is appeared:

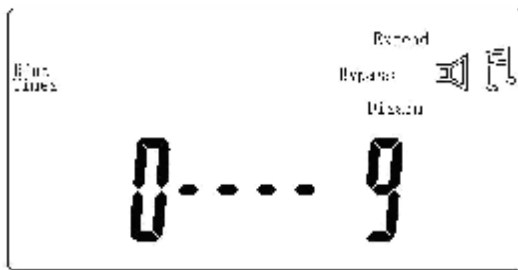


The screen displays the ID number (if 123456), press the “clear” button to clear the ID number, and then input the new ID number. Please press the “set” button back to the setting menu for other settings.

5 –7. Set the ring times

When do the remote control by phone, the system will pick up automatically. These ring times can be set. If the ring time is “0”, the remote control is not available. The method is as follows:

When the host is under the normal status, press the “set” button and input the password, then it will display the following window:



Press button, the screen for ring times is appeared:

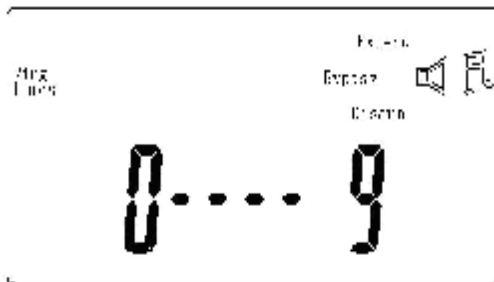


Input the new ring times after pressed “clear “button. And the range is “0-9”seconds. After input the times, please press the “set” button to return the setting menu.

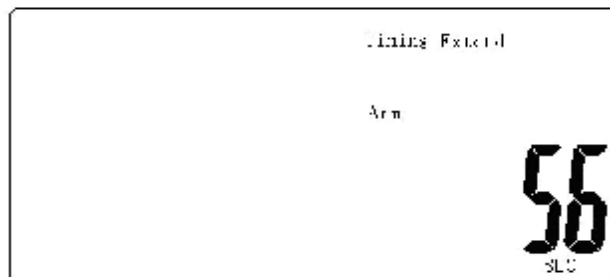
5 —8. Set time delay to arm and alarm

After set the time delay to arm and alarm, what time the panel will arm and alarm is according to the delay time that be set. And the setting method is as follows:

When the host is under the normal status, press the “set” button and input the password, then it will display the following window:



Press button, the screen for time delay to arm and alarm is followed:



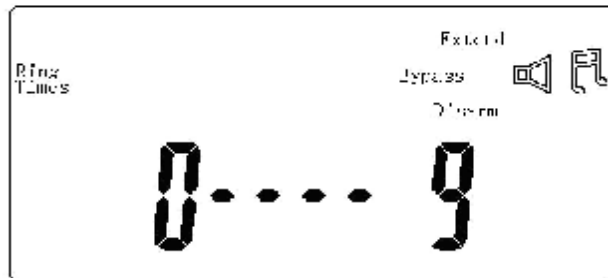
The unit of such delay time is second, and the maximum delay time to set is 99 seconds. Press the “clear” button to edit, and then input time. To

complete and record this operation, please press For other settings, please press the “set” button to return the setting menu.

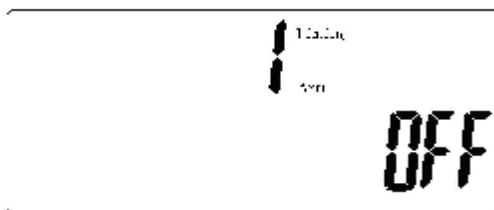
5 – 9. Set the fixed time to arm/disarm

After set the fixed time to arm/disarm, the panel can arm/disarm automatically at that time. And the system provides three separate such settings. The settings are as follows:

When the panel display normally, press the “set” button and input the password, then it will display as follows:



Press button, the screen for fixed time setting to arm /disarm is followed:



“1” indicates the first one setting of the three separate settings, and each setting includes “fixed time to arm” and “fixed time to disarm” two status. Press certain button can switch among the three separate settings. The “OFF” stands the first one setting is turned off, in this case, please press “arm” button, and the screen display as follows:



Press “clear” button to edit, then input the new time, at last press button to complete the first one setting.

The ways of the other two separate settings are the same as above.

5 – 1 0. Back to default status

When the host is under normal status, press the “set” button and input the password, then it will display the menu of “0---9”. After press button, the menu for RESET is followed and this RESET screen is flashing. If make sure to be back to default status, please input four numbers password after press

button. If the password is correct and there are two sounds of “BB”, the operation for default is success.

And the default is as follows: password protection is on; sounded alarm; the siren accompanying sound when operate on remote controller is on; siren hoots for one minute; the ring times are six when do long distance control; the time delay to arm and alarm is 0 second; no alarm telephone number; To arm/disarm automatically at the fixed time is off.



5—11 off-ground alarm function ON/OFF

There is an off-ground alarm button at the back of the alarm Host. If somebody moves or takes up the host which makes the alarm button bounce, the host will alarm meanwhile. The setting is as follows:

When the host is under normal status, press the “set” button and input the password, then it will display the menu of “0---9”. Press button, the screen display as follows:

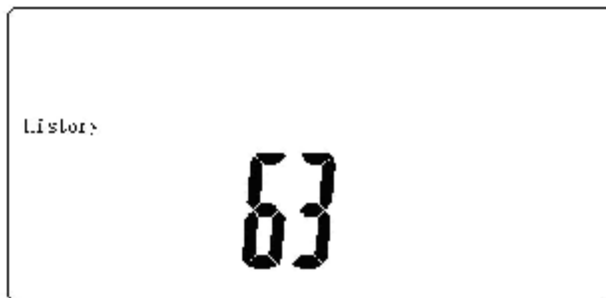


Press or to switch between OFF and ON to turn on or turn off this function.

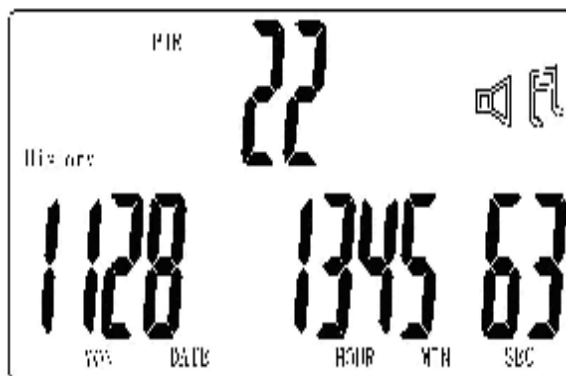
六. Alarm record

Alarm record records the most recent alarms. The operations are as follows:

When the host is under normal status, press “9” button and input the password, then press any button, the screen display as follows:

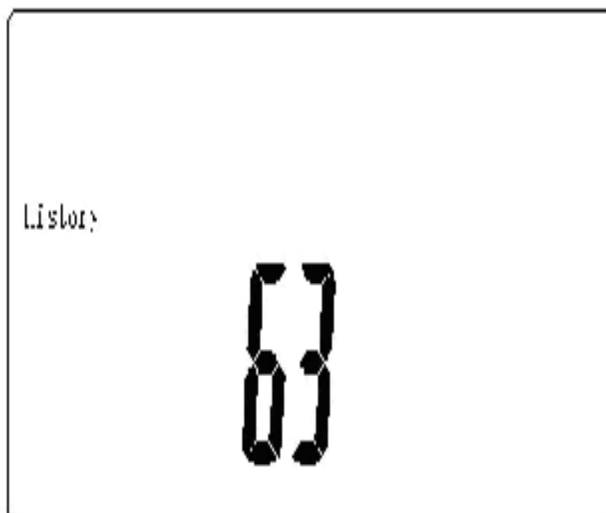


“ 6 3 ”stands that there are 63 alarm records. The panel only records the latest 100 alarms, if over 100; it will cover the earliest record. For details, press **2** or **8** to page up or page down to look through:

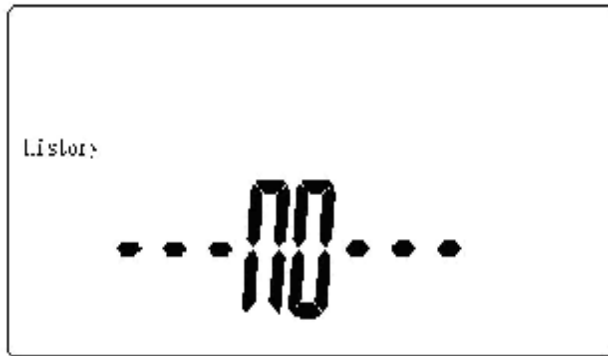


For example, what displays on above screen is that there is an alarm record in the twenty two defense zone for the PIR at 13:45 on 28th, November. And it is the 63rd alarm record.

To clear this alarm record, please press **#** and input password when the panel display normally, then it displays as follows:



Press “clear” button, after input password, the screen is as follows:



Display above manifest that the alarm record is cleared.

Important note : If the phone confirmed the alarm when the panel sent alarm to the phone, the defense zone number in the record is the order of the phone in the six phone numbers. For example, if the first phone confirmed the alarm, the record is showed in the followed screen:(The first phone armed the system at 03: 01 on 11th,October.And it is the twentieth record.)



If long distance control, the operations are recorded be done in the 98th defense zone. And the record is showed in the followed screen: The system was armed by long distance control at 03: 01 on 11th October(because the display defense zone number is 98.) And this record is the twelfth record of the 100 records.



If arm, disarm and emergency help by press buttons on the keypad, the defense zone number for emergency help is 99 in the record. The screen will display "emergency" and the number that when learn the remote. (For example, the followed record is that the system was armed by the first learned remote at 05: 33 on 3rd December. And this record is the 53rd record.)

Note: In the records, the defense zone number is 98 when arm and disarm by

phone; For off-ground alarm record, the zone number is 97; For AC power off record, it is 96; For low power record, it is 95; For arm and disarm by SMS(short message) record, it is 94; For door bell record, it is 93.

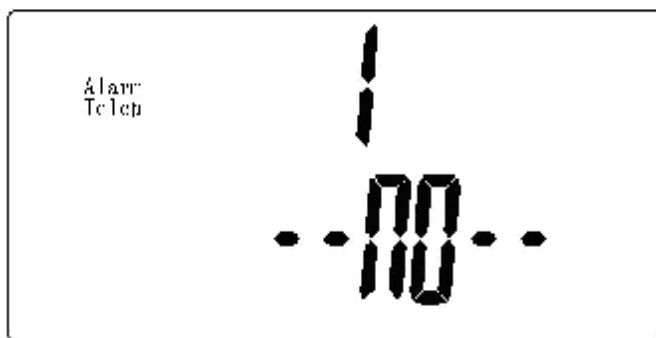


七、 Short message service

7--- Short message service ON/OFF

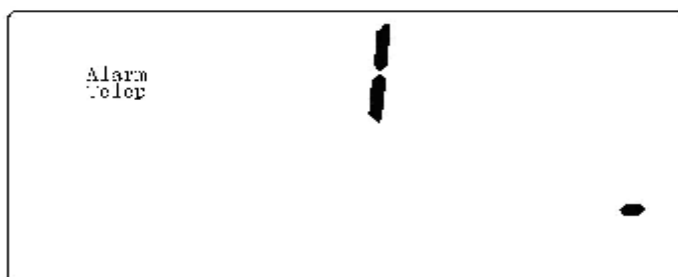
The phone number setting for SMS receipt is as follows:

When the time display interface works well, press “telephone” button and input the correct password, it will display as follows:




Press or button, choose the seventh, if still not set the SMS receipt phone number, it will display “--no--”. Press “clear” and input the phone number. To complete and reserve this operation, press button. To edit other phone numbers, pres or button. The maximum length of a phone number is 32. And the screen only can display 13 numbers, if the phone number over 13 numbers, it will display the last 13 numbers, and the others won’t display. At meanwhile, the symbol of “-” will instead of the first number on the left of screen.

If there is no number, the screen display as follows after press “clear” button:



At meanwhile, the “-”symbol on the right of screen will flash continuously,

in this case, press the buttons to input the needed telephone number, then press  button to reserve this setting.

If don't need the short message notification, please clear the number directly.

2. Short message remote control function

No matter where you are, besides by call to control the alarm system, also can by short message. But make sure be according to the followed specific order. The short message is composed of password and relevant words. For example, if 1234 is the current password, and you want to arm, please input "1234ARM" by any mobile phone and send it to the phone number of the SIM card in panel. After receive the short message, the panel will send feedback message that "Host is activated" to your mobile phone. And the alarm system provides the followed orders:

Password + ARM (i.e.: 1234ARM) Feedback message: Host is activated.

Password+ DISARM (i.e.: 1234DISARM) Feedback message: Host is deactivated.

Password+ ONSIREN (i.e.: 1234ONSIREN) Feedback message: The siren is opened.

Password+ OFFSIREN (i.e.: 1234OFFSIREN) Feedback message: The siren is closed.

Password+ CHECK (i.e.: 1234CHECK) Feedback message: "The host is activated."

Or "The host is deactivated."(Depends on the current status).

7—2 AC power off notification

If the panel with battery, when the external electricity power supply is cut off, the followed message will inform the owner:


AC power shut off.

When the external power is recovered, the notification message is as follows: AC power recovered.

If the battery is low, the notification message is as follows: **Low battery.**

八. Alarm System Operation

8-1 Arm, Disarm, Bypass and Help

When you want to go out and arm the main panel. Lock the door firstly, and then press the armed  " " on the remote controller, when you hear one beep sound, the armed indicator will light up, which indicates it is in the armed condition(such as arm delay).After that, every defense zones including the armed zones, the standby armed zones and the 24 hours armed zones are in the armed condition. Once there is somebody tries to intrude into your house, it will alarm.

When you go home and disarm the system, you can press the



disarmed button “ ” on the remote controller, after one beep sound, the disarmed indicator will turn off, which indicates the main panel is under the disarmed condition, then you can enter into the house. After disarming, only the 24 hours armed zone can continue to alarm (such as gas leakage detector and smoke detector which didn't affected by this kind of arming/disarming, please refer to the part of 4-2 to have more details).

Standby arm. When you want to sleep at night, you can continually press “ ” button twice on the remote controller to disarm the PIR separately to avoid wrong alarm, but the alarm host is still working. (PIR should be changed from the armed condition to the standby armed condition, please refer to the part of 4-2 to have more details)

D、Emergency Alarm

When the house keeper meets some emergency, he can press the “ ” button on the remote controller, the alarm will hoot and the system will dial the pre-set telephone numbers automatically. This button on the host also has this function.

8.2 How to control when receive one alarm phone call:

When the alarm system is triggered, the system will call the pre-set alarm telephone numbers automatically. When you answer the incoming phone call and you will hear 10 seconds voice message record, press “1” to start 20 seconds monitor, continue monitor press “1” restart 20 seconds monitor, Press “2” to start the siren when you hear any abnormality, press “3” to deactivate the siren; press “4” to arm , press “5” to disarm, press “#” to confirm you have received the alarm call, the main unit will stop dialing and deactivate the siren and arm again; If you do not press “#” or the telephone is occupied , the system will hang up after two times of record and then dial the left pre-set alarm numbers circularly until someone answer the phone call and press “#”..

1、 Remote Control Through Your Mobile Phone

When you go out, if you forget that you arm this system already or not you can dial the telephone number connected with main device you can hear two long “Beep” after rings (how many times depends on what you already set, described in 6.12 parts) to indicate, then input the password, (Short Beep, Beep, Beep means wrong password, three times later, hang-up), two long “Beep” again indicate that the your operation is correct, At the same time, press “1” to monitor, continue monitor press “1” to restart 20 seconds monitor, press “2” to active the siren, press “3” to turn off the siren; “4” to arm the system, press “5” to disarm the system, press “5” to exit.

九. Main Parameter

(1) Power supply: 110-240V. Built-in lithium battery.

(2) Environmental condition: Temperature: -10 ~ 50°C, Relative humidity: ≤90%

Atmosphere pressure: 86 ~ 106Kpa

(3) Alarm incept way: wireless transmitting distance: 150m

(4) Alarm call mode: GSM network transmitting in phone dialing and SMS sending

(5) Message record time: 10 seconds

(6) Phone number storage: 6 numbers with 16 characters utmost.

(7) Siren: ≥120dB

(8) Frequency: 315MHz/433MHz

Chapter Seven: Solution to Problems That Often Occur

一. Reason:

- 1、 Not armed
- 2、 No alarm phone numbers set
- 3、 The sensors or the detectors is incorrectly installed, or the distance is too long between sensors/detectors and main panel.
- 4、 ID code not matching between the sensors/detectors and main panel
- 5、 The GSM Network is not good, there is no signal at all.
- 6、 There is no deposit for the SIM card

Solution:

- 1、 Arm this system
- 2、 Set the alarm telephone numbers
- 3、 Adjust the distance between the sensors/detectors and main panel.
- 4、 Cut off the power supply, connect it again and search the GSM network
- 5、 Charge SIM Card

二、 Can't Set, Arm and Disarm this system

- 1、 The System is in "arm" status before your operation.
- 2、 The command is not correct
- 3、 Password protection is on.

Solution:

- 1、 Disarm the system
- 2、 Read the user manual before operation

三、 No Voice Message Record when you answer the alarm phone call.

Reason: No Voice Message Record in this system at all.

Solution: Record your voice message again according to the user manual

四、 Fault Alarm From PIR:

Reason:

There are many PIR of different quality. In the summer, the PIR in caporal can easily alarm by mistake for the high temperature. These PIR are relatively cheaper. It is somewhat related with the installation also. The most common case are: the curtain flies to the detecting area by the wind at mid-night, mouse or pets are moving into to the detecting area etc.

Solution:

- 1, Choose the PIR with better quality
- 2, Use the specialized installation and fix the curtain etc.
- 3, Install the PIR in proper place
- 4, shorten the detecting area to low down the sensitivity

五、 The Remote Controllers Can Not Word

Reason:

- 1、 The power of the battery is not enough
- 2、 The shrapnel connecting with the battery is bad or rust
- 3、 ID code not matching between the remote controllers and main panel

Solutions:

- 1、 Lean the remote controller again;
- 2、 Change the new battery;
- 3、 Clear off the rust or dirt on the shrapnel of the battery;

六、 The Sensing Distance Shortened Between The Detectors And Main Panel

Reason:

- 1、 Some transmitting disturbance nearby
- 2、 the malfunction of the receiving module in the main panel
- 3、 Check if the power is connected or not for the panel
- 4、 the voltage is too low

Solutions:

- 1、 Find our the disturbance and get rid of it
- 2、 Return to factory for maintenance.
- 3、 Change the battery

- 4、 Check if the power connection is correct or not

七、 Silent Siren

Reason:

- 1、 Short circuit of siren pins, jack or the wire is broken
- 2、 The connection pins and jack is not good.
- 3、 Pin wire short circuit
- 4、 The siren is off

Solution:

Solution:

- 1, Repair or change the pins and jack
- 2, Change the wires
- 3, Turn on the siren by setting on the panel

八、 You can not use the short message to arm/disarm the alarm system

Reason: Short message format is not correct, include black and other illegal symbol!

Solutions: Write new short message

Chapter Eight: Cautions

If you want to operate our system correctly, please read our instruction carefully:

- 1、 When the user start using the system, the panel should be in armed or partially armed for some zones.
- 2、 To be able to provide the normal power supply, If you do not connect the 220V power supply for a long time, this would not lead to normal charging backup batteries. As mean while the 9V AC/DC power supply can not be repeated plugged on a daily basis operation, otherwise the electronic components can be easily damaged due to instantaneous voltage fluctuation, and cause the whole system not to be able to work.
- 3、 While design the protection area, please install the PIR and other sensors such as IR baluster, smoke detector, gas detector etc besides the door and window sensors to avoid blind area.
- 4、 Users should turn on the self malfunction checking system in order to make it convenient to check if the system works normally or not. The users should maintain it self or ask the distributor to do it in time. Otherwise, it is no sense for the burglarproof although it is installed because the system does not work for works abnormally.

- 5、 Check the functions of the alarm system at the scheduled time. E.g. the built-in siren can hoot or not, the auto dial works or not, etc.
- 6、 Check if the connection of the phone line is correct or not as stated in the manual.
- 7、 Check if the detectors and sensors can work normally or not, if the battery is enough or not. If lack of power, please change another one. If the sensor falls down by chances, it should be check all functions and make sure if it is damaged or not.
- 8、 The system can not auto-dial if the phone line is not connected or short circuit problem from telecommunication office.
- 9、 IF the system does not use 220AV/DC power, the outside siren can not work, the built-in siren does not work or only works in a short time.
- 10、 After the installation, the users or the distributor should check the function, quality and test.
- 11、 If dismantle the panel for the connection of wired sensors, please do not touch the receiving module and other components for fare that they will be damaged.
- 12、 The panel should be installed in the place not easily found for fare that the intruder will break it and cause malfunction before the alarm takes please.

Chapter Nine: Storage, Shipment And After-Sales Service

Storage condition: temperature: -10~40°C, relative humidity: $\leq 75\%$ (airiness, no rust objects), standard packing box. No more than 10 layers for cartons.

Shipment condition: less than 7 layers, avoid impact during carriage, others are the same as above.

After sales service: the factory carries out the perfect after-sale service. If there is any problem occurred to the system, don't dismantle it for maintenance. Please contact the specialties first, the shop where you bought or the local office of our company. Please refer to the "Guarantee Card" for the details.