

GSM LCD Touch Keypad Wireless Intelligent Alarm System

User's manual

I. Foreword

Thank you for purchasing and using GSM LCD touch keypad wireless intelligent home alarm system. This is a high-performance and Hi-tech household security product. It will make your life safer and colorful.

Please read the below information carefully before using to make sure to have correct operations.

II. Brief introduction of the Product

A. Product components: This product is composed of alarm host, basic accessories and optional accessories.

Table 1: Product components

Alarm Host	Basic Accessories (Wireless)	Optional Accessories (Wireless)
GSM LCD Alarm Host	remote, door /window sensor, wide-angle PIR sensor, indoor siren with sound and flash	intelligent wide-angle PIR sensor, smart door /window sensor, smart control door /window sensor, gas alarm, smoke alarm, outdoor siren with sound and flash, doorbell button, extra keypad etc.

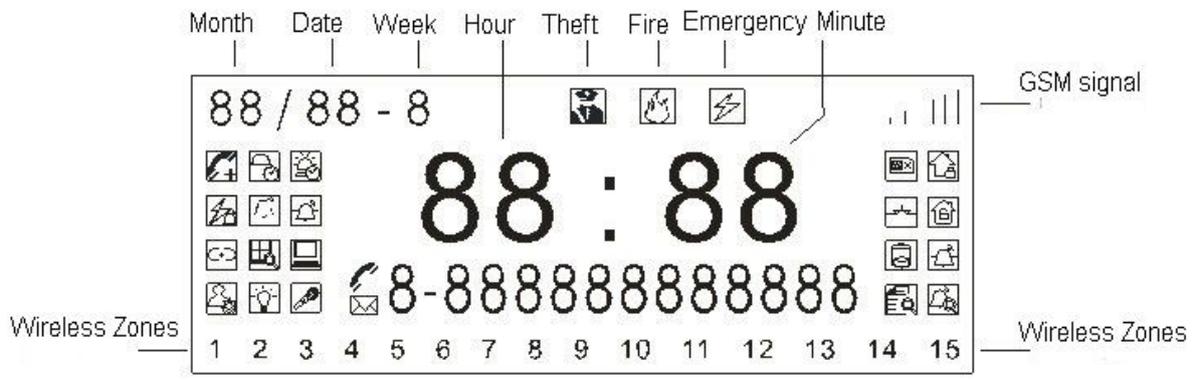
III. Function Features

- Touch keypad, blue backlights; blue LCD displays Date, Day of the week, Time and current Armed Status;
- Concise icons guided LCD display. Suitable for every market all over the world.
- 2 /4 Band GSM net-work. Supports phone call alarm and SMS alarm, SMS includes zone number and alarm event type.
- 15 wireless zones (Each zone supports up to 4 sensors) and 1 dedicated zones for remotes (Supports up to 10 remotes or wireless keypads per zone). Supports 2 wired zones (optional).
- Can preset up to 6 phone numbers and dial in sequence. Every mobile phone number can be set for phone call alarm or SMS alarm.
- Intelligent logic analysis technology, corresponding zone number can be displayed on LCD screen.
- Record up to a 10 second greeting for phone call alarms which can be heard when answering the alarm call.
- Arm\ Disarm the system by 5 ways: SMS, Main Host (Keypad), Wireless Keypad (optional), Keychain Remotes, and phone calls. (PSTN alarm don't support SMS)
- Available in AC\DC, Low-voltage alerts.
- "One-Key" arm, studies sensors to alarm host, very easy operation.
- Non-volatile chip, information stored automatically when off power.
- Disconnection alarm, auto priority to occupy the telephone and monitoring function to hear what is happening.
- Door\window status self-check and "Ding Dong" doorbell can be completed as optional functions.
- 8 zone electrical appliance control and 8 groups of scene control can be completed as optional functions.
- Built-in Lithium backup battery, perfect system self-check, alerts of no SIM card, alarm host low power, no external power supply and even low battery power of sensors.
- Support CID (Contact ID).Can user our GSM SMS CID connector to complete this function.
- "Black Box " data record function, stores up to 99 alarm records and 99 arm\disarm records

IV. Understanding of the Products

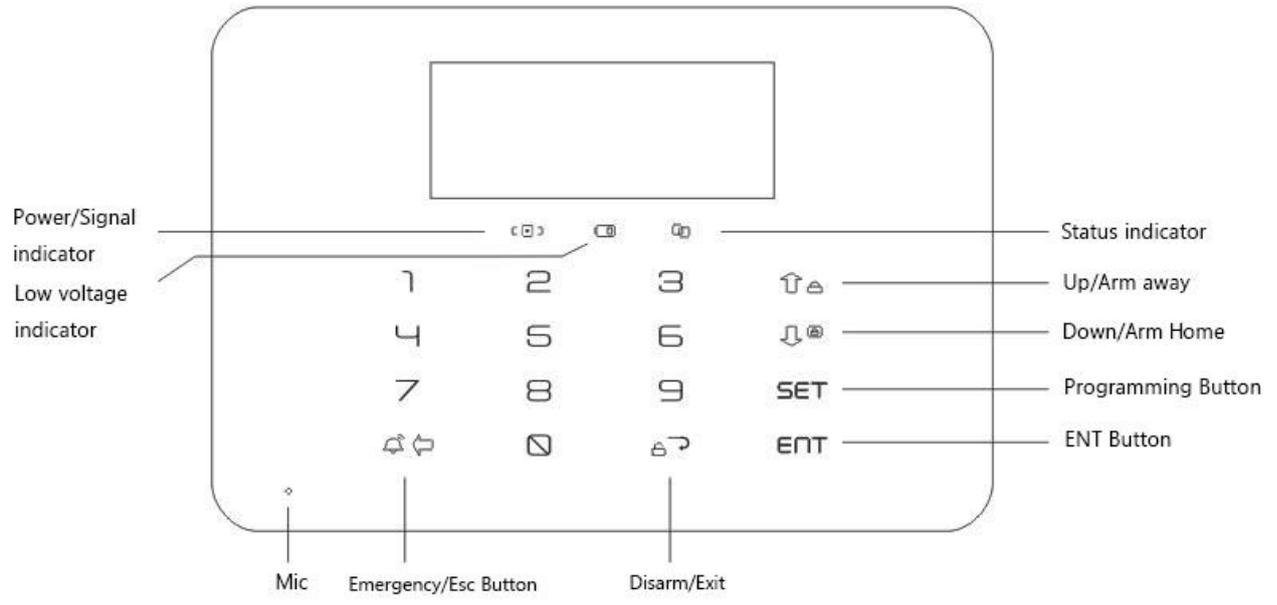
A. Understanding of the Alarm Host

- LCD---Instructions of all icons

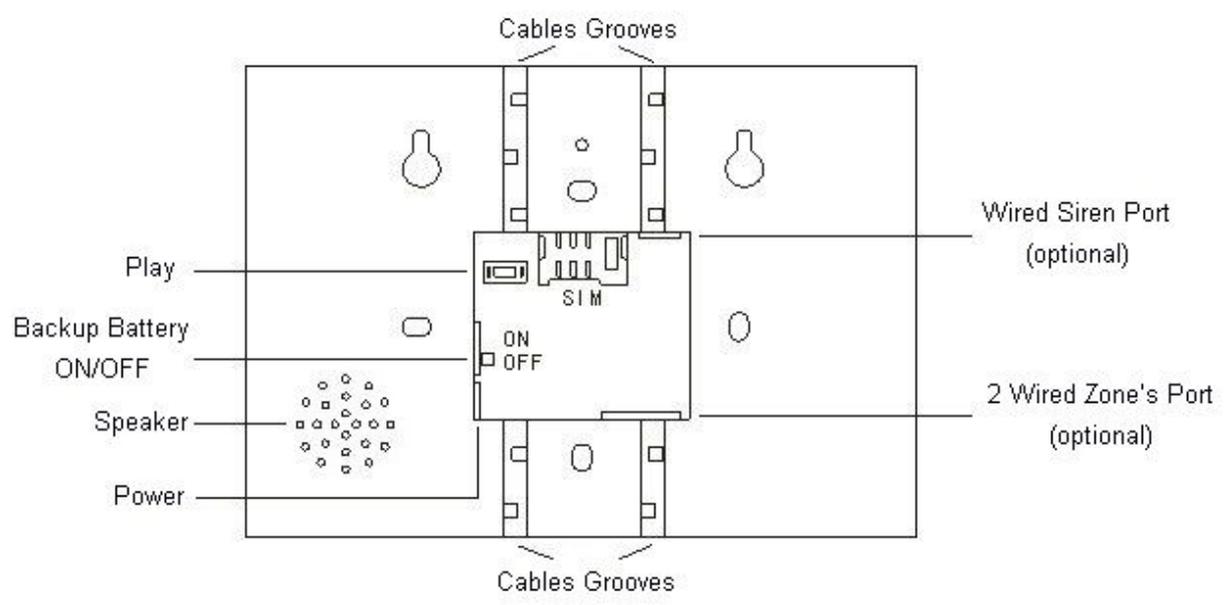


- Auto-Dialer #s
- Exit Delay
- Entry Delay
- SIM Card Read
- Arm Away
- Alarm Time (Emergency)
- Alarm Time (Zones)
- Cut Alarm
- Auto-Dial Alarm
- Tamper Alarm
- Arm Home
- Wireless Learning
- Door/Window Check
- CID Upload
- SMS Alarm
- Sensors' Low-Power Alarm
- Cut Alarm
- User ID
- Electrical Appliance
- Voice Msg. Record
- Work History
- Alarm History

● **Front Side Preview:**



● **Back Side Preview:**



1. Specifications:

- Working power: AC=100~230V, DC=12V 1A
- Static current: <50mA (when not charging) Alarm current: <500mA
- Working condition:
Temperature: -10°C ~ 50°C Humidity: <80%
- Built-in Lithium backup battery: 3.7V 800mAH(rechargeable),
- Standby: around 16 hours, Full charging time: 12 hours
- Supports up to 10 remotes; Supports up to 60 wireless sensors.
- 3-Band GSM: GSM900/1800/1900Mhz (4-Band is optional: 850/900/1800/1900Mhz)
- GSM transmit power: 2W
- Receiving and emitting frequency: 433MHz /868MHz optional
- Product dimension: 168 x 112 x 26 (mm)

2. Zone types and definitions

- Zone types: Perimeter zone, Motion zone, Emergency zone
- Definitions:

Perimeter zone: Detecting the space like doors, windows, etc., generally use wireless door magnet sensors and wireless curtain PIR sensors

Motion zone: Detecting the space like living room, aisles and bedrooms, etc., generally use wireless wide-angle PIR sensors.

Emergency zone: Detecting the space like Emergency area (such as emergency distress, medical rescue, gas leakage and

fire alarm, etc., this zone keep 24-hour monitoring status automatically. Generally use panic button, wireless gas sensors and

wireless smoke sensors.

Table 2: "Zones Number" Table

Zone Number	Sensor Type	Zone Type	Alarm Type	Applicable sensor names	Notes
00	—	—	—	Wireless remote & Wireless Keypad	Up to 10
01 ~ 05	Wireless sensors	Emergency zone	Emergency	Panic button	Each zone support up to 4 sensors
			Fire	Wireless Gas Alarm, Wireless Smoke Alarm, etc.	
Perimeter zone		Theft	Wireless Door/Window Sensor & Wireless Curtain PIR etc.		
Motion zone		Theft	Wireless Wide-Angle PIR Motion Sensor etc.		
06 ~ 10					
11 ~ 15					
14 ~ 15	Wired sensor	Perimeter zone	Theft	Wired PIR Sensors	(Omitted)

3. Modes of arming:

- "Away Arm" mode: All arm. Once any detectors in perimeter zones or motion zones get triggered, the host will alarm immediately and meantime dial "#" automatically.
- "Home Arm" mode: Part arm. Once any detectors in perimeter zones get triggered, the host will alarm immediately and meantime dial "#" automatically. It will not alarm after any detectors in the motion zone are triggered.

4. How to operate the alarm host

- **Preparation before using**
- 1. Insert SIM card: properly insert a valid SIM card into the card slot by keeping its missed corner at the right lower
- Side (Note: Never insert a SIM card when host power ON);
- 2. Connect power: connect the power adaptor to DC port of the alarm host first and then plug it to the AC socket.

- 3. Turn on the backup battery: Slide the backup battery switch on the back side of the host to "ON"

How to check SIM card working status and signal level status

Check below information when power ON:

1. SIM card status: icon of SIM card read does not display means card recognized; this icon flashes means no SIM card or SIM card not recognized;
2. GSM signal status: more filled icon of SIM card means better signal; less filled means weaker signal;
3. GSM signal indicator: indicator flashes slowly every 3 seconds means normal signal; fast flashes every 1 second means abnormal signal.

● How to program

Notes:

- Getting into programming mode is necessary for each program .It will exit to the previous menu if press "ESC"
- The host will exit programming mode if no press within 20 seconds;
- If enter wrong password for 3 times, the host panel will resume to the standby mode;
- You can press "▲▼" to adjust programming information or check find alarm history etc.

Table 3: Easy Program Guide

Icon	Function	Operation	Detailed Instructions
—	Start to program	SET + 6 digits password + ENT	Default before shipment: 8 8 8 8 8 8
—	Set Date	ENT + "▲▼" + ENT + "▲▼" + ENT + "▲▼" + ENT + "▲▼" + ENT	Correct input: year, month, date and day of the week. Note: Keep pressing for fast page turning.
—	Set Time	ENT + "▲▼" + ENT + "▲▼" + ENT + "▲▼" + ENT	Correct input: hour, minute and second. Note: Keep pressing for fast page turning.
	Set Auto Dialer #s	ENT + press "☒" button consecutively to delete old records + Tel No. + ENT + "▲▼" + ENT	<ol style="list-style-type: none"> 1. The 1st Group is fixed for management center and the other 5 groups for personal phone numbers. 2. Press "▲▼": to select alarm mode: "☎" means "phone call alarm"; "✉": means "SMS alarm" 3. Set group by group. 4. The number of each group can't exceed 12 digits.
	Set Exit Delay	ENT + press "☒" button consecutively to delete old records + desired delay time + ENT	Second, 2-digit, any number from 00 to 59 is valid. Default before shipment is "00";
	Set Entry Delay	ENT + press "☒" button consecutively to delete old records + desired delay time + ENT	Second, 2-digit, any number from 00 to 59 is valid. Default before shipment is "00";
	Set Alarm Time (Emergency)	ENT + press "☒" button consecutively to delete old records + Alarm Sound Duration + ENT	Minute, 2-digit, any number from 00 to 59 is valid. Default before shipment is "01";
	Set Alarm Time (Zone)	ENT + press "☒" button consecutively to delete old records + Alarm Sound Duration + ENT	Minute, 2-digit, any number from 00 to 59 is valid. Default before shipment is "01"; Note: Fire alarm is fixed for 3 minutes.

	Wireless Learning	(Omitted)	(Omitted)
	Set Door/Window Check	ENT + "▲▼" + ENT	Press "▲▼" to choose "1" or "0": "1": activate; "0": deactivate;
	Set CID Upload	ENT + "▲▼" + ENT	Press "▲▼" to choose "1" or "0": "1": upload; "0": NOT upload ;
	Set Electrical Appliances	ENT + "▲▼" to choose scene number + press "☒" to delete old record + input electrical appliance number + ENT	8 scenes in total with number of 1~8, press "▲▼" to choose; Each electrical appliance number can't exceed 8 digits and each one is for one scene.
	Record Voice Alarm Message	ENT + ENT + voice message record + ENT	10 seconds capacity. Counted down from 10, can press ENT to end and save the record, or can wait till counted to 0 and system will save the record automatically.
	Check Work History	ENT + "▲▼" + ENT	Press "▲▼" to review up to 99 work records, press "ENT" to exit.
	Check Alarm History	ENT + "▲▼" + ENT	Press "▲▼" to review up to 99 alarm events, press "ENT" to exit.
	Set Electrical Appliances	ENT + "▲▼" to choose scene number + press "☒" to delete old record + input electrical appliance number + ENT	8 scenes in total with number of 1~8, press "▲▼" to choose; Each electrical appliance number can't exceed 8 digits and each one is for one scene.

Note: Press ESC to exit from the programming state after finishing programming.

● How to Revise Programming Password

In order to keep program password safe and to be easily remembered, users can change it via below setting:
【SET + 999999 + ENT + enter new password + Input 6-digit new password + ENT + re-enter new password】
The host panel will be back to the standby mode after successful programming.

Note: 1、 Program light will turn on after pressing "SET" and turns off after finishing program.

2、 Beeps of "Di Di-----" indicates successful operation; Beeps of "Di Di" indicates wrong operation.

● How to operate the Alarm Host

- Record: Operate on host and get into program mode, find "voice alarm message" and to record.
- Play: Keep pressing the "play button" on the back of the alarm host and you will hear the previous record.
- Arm: BY wireless remote: press the corresponding arm button and the host will beep once to successfully complete the operation;
By Host panel (Keypad): press "▲▼" to choose "armed away" or "armed home"
- Arm remotely by phone: 30 seconds after successfully dial the telephone number of host, enter the password of host after the beep---enter 1 after beep—the host will automatically hang up after beep to successfully complete the operation.
Notes: Arm remotely by phone is only for "Armed away"!
- Arm by SMS: You can edit SMS "password+1" to host panel, the host panel would arm automatically when getting this SMS, and also will message back to mobile "Arm successfully".
Notes: Arm by SMS is only for "Armed away"!
- Disarm: By wireless remote: press the corresponding disarm button and the host will beep twice to successfully complete;
By Host panel(Keypad): **【ESC + password + ENT】** →the host will beep twice to successfully complete;
- Disarm remotely by phone: 30 seconds after successfully dial the telephone number of host, enter the password of host after the beep---enter 0 after beep—the host will automatically hang up after

beep to successfully complete the operation.

8. Disarm by SMS: You can edit SMS "password+0" to host panel, the host panel would disarm automatically when getting this SMS, and also will message back to mobile "Disarm successfully".
9. Telephone alarm: After receiving the call, you will hear the recorded voice message immediately, it can be played for 30 seconds repeatedly, then follow the below instruction:
 - 9.1. Input "8" to enter into the listening status for 20 seconds automatically, you can hear the alarming event sounds from phone. Each extra press of "8" can prolong 20 second listening in.
 - 9.2. Input "#" to play the recorded voice message for one time automatically
 - 9.3. Input "*", the host will end the call and stop dialing any auto dialer#.
 - 9.4. Directly hang off the telephone, the host will end the call and automatically dial the next auto dialer#.
10. SMS reporting: Mobile will get SMS like "From Alarm System: XX zone, YYYY is Alarm.", "XX" means the zone number, "YYYY" means the detailed sensor.
11. Listen in: 30 seconds after successfully dial the telephone number of host, enter the password of host after the beep---enter
8 after another beep—the host will immediately get in to listening in status for 20 seconds. Each extra press of "8" can prolong 20 second listening in, Hanging off to end automatically.
12. Emergency help: By wireless remote: Press Emergency button and the host will alarm immediately;
By host panel (Keypad): press "⚡", and the host will alarm immediately.
13. Activate door/window self-check: program a smart door/window sensor in any zone of Perimeter Zone, activate the self-check function (see "Set Door/Window Check" in **Table 3**) and then put the smart door/window sensor and its magnet part as if a door/window closed to match with the host. as a smart door/window sensor:
Note:
 - 1). When arming the host, if any door/window monitored by a smart door/window sensor is not closed well, the corresponding zone number and the screen backlight will flash fast, at the same time, the host beeps 4 times (Di Di Di Di) every 2 seconds to remind you to close the door/window. Alert duration time is 30 seconds, it will exit from disarm operation after press ESC or door/window not get closed after 30 seconds; System can be armed if door/window get closed within 30 seconds.
 - 2). If arm operation is proceeded again when any smart door/window sensor monitored door/window is not closed, the system will be forced to get into armed mode.
 - 3). If arming by SMS or phone call, just do it according to the corresponding instruction;
 - 4). If arming by remote or wireless keypad, system can be armed after do the arm operation twice successively;
 - 5). The matched smart door/window sensor will work as a common door/window sensor after self-check function deactivated.
14. Deactivate self-check function:
 - 1). Refer to "Set Door/Window Check" in Table 4;
 - 2). Self-check function will be automatically OFF every time when the host is connected with AC power.
15. Wireless Doorbell:
 1. Program doorbells into a zone according to the corresponding instructions and can be programmed into any zone of Perimeter Zone and Motion Zone;
 2. Very press of the doorbell button, the alarm host sounds door chime "Ding Dong" Twice;**Note:** This function is only valid when the alarm host is connected with AC power and not valid when
only using backup battery.
16. Review Work History: get into program mode and find "Work History" to review up to 99 arm and disarm history.
17. Review Alarm History: get into program mode and find "Alarm History" to review up to 99 alarm event history.
18. Electrical Appliance Control:
 - 1). Control a single electrical appliance: input "9 + X + ENT "on host panel, "X" is electrical appliance number, valid from 1 to 8;

2). Scene control: input "0 + Y + ENT" on host panel, "Y" is scene number valid from 1 to 8.

Note: 1). Only valid to control ON and OFF of the electrical appliances;

2). Corresponding wireless electrical appliances are required to complete this function.

● **Important Operation Notes:**

1. Displays of alarm status: when host alarming, the status indicator keeps on, both the icons of the corresponding alarm zone and alarm type will keep flashing fast and then disappear after host disarmed, at the same time the alarm host make alarm calls and send alarm SMS.
2. Alarm processing mode: immediately after the system alarms, it starts to dial (or send SMS) in sequence from the 1st group number to the 5th group number (skip empty numbers) automatically. It dials (or send SMS) circularly for three times, the answered number (or the number which received the SMS) will not be dialed (or sent SMS) repeatedly.
3. Exit delay alert: the alarm host beeps "Di" every 1 second within preset exit delay time and then makes a long beep "Di---" to indicate delay time ends and host gets into armed status.
4. Alarm delay alert: the alarm host beeps "Di" every 1 second within preset alarm delay time and then keeps a long beep "Di---" to indicate delay time ends and host starts to alarm.
5. Alarm priority: A. If the alarm host's own line is occupied when it is dialing the alarm phone number, it will cut it and make it unoccupied, at the same time dial out to report alarm event.
B. The alarm host's "Ding Dong" sound will switch to alarm sound and dial to report if it receives alarms signal when sounds "Ding Dong".
6. No external power alert: the alarm host beeps once "Di" every 8 seconds and at the same time status indicator flash once if external power disconnected.
7. Alarm host low backup battery power alert: the alarm host beeps "Di Di Di" every 8 seconds when power gets very low, at the same time the low power indicator keeps on.
8. Sensors' low power alert: When any matched sensor's power is not enough, it will send a low power signal to the host and the sensor low power icon will flash fast and the corresponding zone light keeps on, at the same time, host beeps "Di Di Di" every 8 seconds.

Note: 1) This function can't be completed on host if the matched sensors don't the corresponding function.

2) Input "5+ENT" can end the low power alert sound and at the same time the corresponding zone light will turn off automatically.

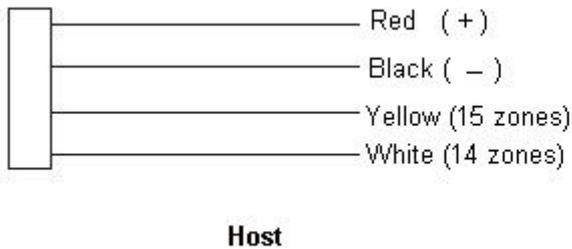
9. Tamper Alarm: If the host and its mounting bracket get disport when the host is working, the system will alarm.

Table 4: Easy guide of how to add and delete wireless accessories

Zone Type	Explanation	To Add	To Delete
	Get into program status and find the icon of wireless learning, then program sensors according to the instructions on the right side.	ENT + press " [] " to delete old record + "X X" 2-digit zone number + ENT + "▲▼" to choose "1" + ENT + trigger the sensor twice successively <u>Note:</u> 1. You can only add 1 piece each time, totally 4 available to be added for each zone; 2. The earlier learnt sensor will be covered by the latest learnt one if exceeds the supported remote quantity.	ENT + press " [] " to delete old record + "X X" 2-digit zone number + ENT + "▲▼" to choose "0" + ENT <u>Note:</u> Sensors in the same zone will be all cancelled after deleting operation. If need to keep some, you have to add again.
Remote	Wireless remote & Wireless One-Way Keypad	"X X":00	
	Wireless Two-Way Keypad	Has to match the keypad to host and match the host to the keypad	

Doorbell	Wireless Doorbell button	"X X": 06 ~ 15
Emergency zone	Wireless Smoke Alarm, Wireless Gas Alarm& Panic button etc.	"X X":01 ~ 05
Perimeter zone	Wireless Door/Window Sensor & Wireless Curtain PIR etc.	"X X":06 ~ 10
Motion zone	Wireless Wide-Angle PIR Motion Sensor etc.	"X X": 11 ~ 15

V. How to connect wired sensors (no need balance resistors)



VI. Understanding of Basic Accessories (Wireless)

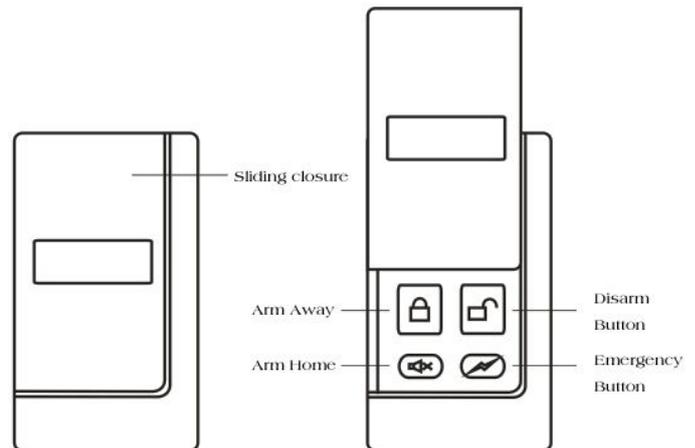
Wireless Remote

1. Functions Features:

- To control the alarm host to arm and disarm.
- With the emergency key for urgent help.

2. Specifications:

- Operating power: 27A 12V alkaline battery
- Emitting distance: ≥100m (in open area)
- Service life: ≤1 year



3. Installation and Usage:

- For users to take along.
- Generally press the "Arm Away" key to arm before leaving home and press the "Arm Home" key to arm when stay at home;
- Please replace the battery after one year usage and distance gets shorter.

4. How to add/delete to/from alarm host

A. To add

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☑" consecutively to clear old records + 00 + ENT + press "▲▼" to choose "1" + ENT】 (LCD display of "1" flashes frequently) ;
2. Press any button on the remote twice consecutively, the alarm host beeps "Di----" to indicate successful adding.

B. To delete

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☑" consecutively to clear old records + 00 + ENT + press "▲▼" to choose "0" + ENT】 , the alarm host beeps "Di Di" to indicate successful deleting.

Note:

1. You can only add 1 remote each time, available to add up to 10 remotes. When exceeds 10, the latter added

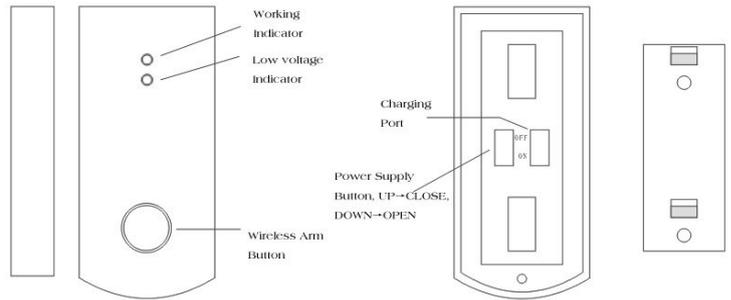
remote will cover the former added one.

2. All the remotes in the same group will be deleted after deleting one.

Wireless Door/Window Sensor

1. Functions Features:

- Monitors open/closed status of the doors and windows. Generally set as Perimeter zone.
- If any door or window is opened, it will send alarm signals to the alarm host.
- Rechargeable Li-ion battery
- Could remote alarm system arm away



2. Specifications:

- Operating power: 3.7V 200mA rechargeable Li-ion battery
- Emitting distance: $\geq 150\text{m}$ (in open area)
- Battery charge time: ≥ 8 hours
- Service life: ≤ 3 year
- Alarm Distance: $< 4\text{cm}$
- Product dimension: 65 x 30 x 17mm

3. Installation and Usage:

- Fix the magnet part (small piece) onto the door frame in a position up to 1.6m high from the ground to prevent any children from bumping onto it.
- Fix the emitting part (big piece) onto the door frame, make sure to keep the magnet part and emitting part in parallel, the space between the two parts shall be less than 10mm.
- Upon the working light flashes frequently, please replace the battery.
- Press the arm away button, the alarm system will be in arm status (only could set "arm away")

4. How to add/delete to/from alarm host

A. To add

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☞" consecutively to clear old records + X X + ENT + press "▲▼" to choose "1" + ENT】 (LCD display of "1" flashes frequently) ;

Note: "X X" is group number of defense zone, consists of two digits, includes 06~10.

2. Trigger the door/window sensor twice consecutively, the alarm host beeps "Di---" to indicate successful adding.

B. To delete

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☞" consecutively to clear old records + X X + ENT + press "▲▼" to choose "0" + ENT】 , the alarm host beeps "Di Di" to indicate successful deleting.

Note: "X X" is group number of defense zone, consists of two digits, includes 06~10.

Note:

1. You can only add 1 wireless door/window sensor each time. Each group is available to add up to 4 wireless door/window sensors. When exceeds 4, the latter added wireless door/window sensors will cover the former added one.
2. All the wireless door/window sensors in the same group will be deleted after deleting one.

Wireless Wide-Angle PIR Sensor

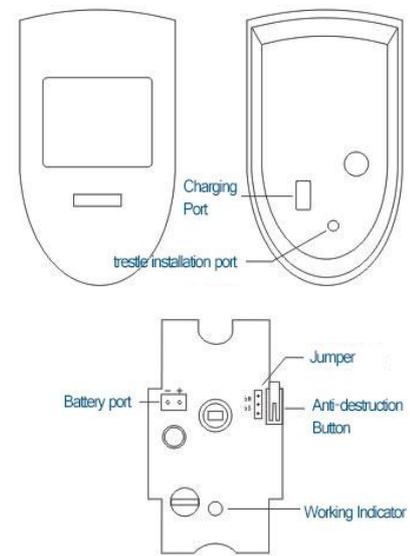
1. Functions Features:

- 1, Microcomputer intelligent control, stable performance, the appearance is delicate;

- 2, Infrared detection, temperature compensation, low power consumption;
- 3, Detection alarm, low voltage alarm, tamper alarm;
- 4, High-energy lithium back-battery, USB charging interface;

5、Mainly monitor and control indoor stereoscopic space, generally set in Motion Zone.

When human body enters into the detecting area, the sensor will transmit the alarm signals to the alarm host.



2. Specifications:

- Operating power: 3.7V 800mA rechargeable Li-ion battery
- Emitting distance: $\geq 150\text{m}$ (in open area)
- Battery charge time: ≥ 8 hours
- Service life: ≤ 3 year
- Detecting range: $110^\circ 10\text{m} \times 10\text{m}$

3. Installation and Usage:

- Fix the bracket on suitable wall surface or in wall corner at a distance of 2~2.4m high from the ground;
- Open the PIR sensor's covers and well connect its battery. And then make detecting time jumper setting (5S: The sensor will detect once every 5 seconds; 5MIN: The sensor will detect once every 5 minutes.) Suggested to set 5S for testing and 5MIN for normal usage.
- Close the PIR sensor's covers and fix the sensor onto the bracket.
- Adjust the sensor to a proper angle. It will get into working status after 30 seconds.
- Upon the low power light flashes frequently, please replace the battery.
- Detection alarm: In working status, work lights shining, and send out wireless detection alarm signal at the same time if the detector was triggered.
- Tamper alarm: In working status, work lights ablaze, and send out wireless tamper alarm at the same time if the detector case were illegally open.
- Under-voltage alarm: In under voltage state, work light flashes, and send out wireless detection alarm signal if the detector was triggered. And then, the work light continuous flashes 3 times, and send out wireless under-voltage alarm signal.
- Note: in order to maintain normal function, each batch batteries, after entering the under voltage state only two under-voltage send function, at this time door must recharge the battery or replace new batteries as soon as possible!
- USB charging: connect USB cable for charging operation, can use charging power supply, or computer, etc.

4. How to add/delete to/from alarm host

A. To add

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☒" consecutively to clear old records + X X + ENT + press "▲▼" to choose "1" + ENT】 (LCD display of "1" flashes frequently) ;
Note: 1. "X X" is group number of defense zone, consists of two digits, includes 11~15.
2. Press the "Study/Emission Button" twice consecutively to trigger PIR sensor, the alarm host beeps "Di----" to indicate successful adding.

B. To delete

1. 【SET + password + press "▲▼" to find "Wireless Learning" icon + ENT + press "☒" consecutively to clear old records + X X + ENT + press "▲▼" to choose "0" + ENT】 , the alarm host beeps "Di Di" to indicate successful deleting.

Note: 1. "X X" is group number of defense zone, consists of two digits, includes 11~15.

Note:

1. You can only add 1 wireless PIR sensor each time. Each group is available to add up to 4 wireless PIR sensors.

- When exceeds 4, the latter added wireless PIR sensors will cover the former added one.
- All the wireless PIR sensors in the same group will be deleted after deleting one.

Wireless Indoor Siren

1. Functions Features:

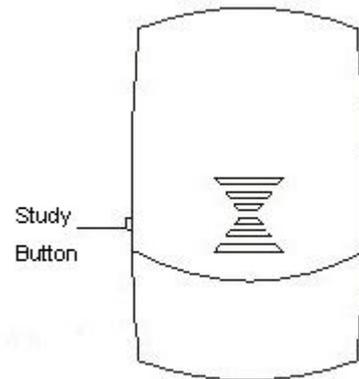
- Works with alarm host, wireless receiving alarm signals, spot alarm with sound and flash
- With power plug, usually for indoor use.

2. Specifications:

- Operating Power: 100—240VAC
- Receiving Distance: ≥100 M (In open area)

3. Installation and Usage:

- Plug the wireless siren into suitable indoor power socket
- Recommended to install around 1.8M high from the ground



4. How to add/delete to/from alarm host

A. To add

- After connecting to the power, press the "Study Button" on the side of the siren, siren lights on
- Press "⚡"key on the alarm host, then disarm by host keypad (ESC + programming password + "ENT", the alarm host beeps "Di Di" to indicate successful disarm) after 5 seconds.
- Light on the siren flashes 5 times and then off indicates successful adding.

B. To delete

- After connecting to the power, keep pressing the "Study Button" on the side of the siren for 5 seconds and release, light on the siren flashes 1 time and then off indicates successful deleting.

Notes: 1. You can only add 1 wireless siren each time.

2. To add wireless siren, you can only operation on host inbuilt keypad.

3. One wireless siren can be added to at most 10 wireless alarm hosts, multi wireless sirens can be added to one alarm host.

Table 5: Easy guide of how to add and delete optional wireless accessories

Sensor	How to add	How to delete
Wireless Intelligent PIR Sensor	<ol style="list-style-type: none"> (The same way as adding Wireless PIR Sensor) Zone Number: 11~15 	<ol style="list-style-type: none"> (The same way as adding Wireless PIR Sensor) Zone Number: 11~15
Wireless Smart Door/Window Sensor	<ol style="list-style-type: none"> (The same way as adding Wireless Door/Window Sensor) Zone Number: 06~10 	<ol style="list-style-type: none"> (The same way as deleting Wireless Door/Window Sensor) Zone Number: 06~10
Wireless Smart Dual-Purpose Door/Window Sensor	<ol style="list-style-type: none"> (The same way as adding Wireless Door/Window Sensor) Zone Number: 06~10 	<ol style="list-style-type: none"> (The same way as deleting Wireless Door/Window Sensor) Zone Number: 06~10
Wireless Gas Sensor	<ol style="list-style-type: none"> (The same way as adding Wireless PIR Sensor) Release gas to trigger the gas alarm and add it. Zone Number: 01~05 	<ol style="list-style-type: none"> (The same way as deleting Wireless PIR Sensor) Zone Number: 01~05

Wireless Smoke Sensor	<ol style="list-style-type: none"> 1. (The same way as adding Wireless PIR Sensor) 2. Press "test button" on the smoke sensor twice consecutively to trigger it and add it. 3. Zone Number: 01~05 	<ol style="list-style-type: none"> 1. (The same way as deleting Wireless PIR Sensor) 2. Zone Number: 01~05
Wireless Outdoor Siren	(The same way as adding Wireless Indoor Siren)	(The same way as deleting Wireless Indoor Siren)
Wireless Panic Button	<ol style="list-style-type: none"> 1. (The same way as adding Wireless PIR Sensor) 2. Trigger the panic button twice consecutively to trigger it and add it. 3. Zone Number: 01~05 	<ol style="list-style-type: none"> 1. (The same way as deleting Wireless PIR Sensor) 2. Zone Number: 01~05
Wireless Doorbell Button	(The same way as adding Wireless Panic Button)	(The same way as deleting Wireless Panic Button)
Wireless Keypad	<ol style="list-style-type: none"> 1. After power connection and then make the wireless keypad into wireless learning mode. 2. Press "⚡"key on the alarm host and then disarm by host keypad after 5 seconds. 	Follow the operation instructions of how to delete in the user's manual of Wireless Keypad.

VII. Common Problems and Solutions

Problems	Possible Causes	Solutions
The alarm host can't record.	Failed to follow the operation instruction of "Record Voice Alarm Message".	Make the host into program mode, record according to the operation instruction of "Record Voice Alarm Message".
Receives alarm phone calls repeatedly.	Fail to operate according to the operation instruction of the telephone alarm	<p>Follow the below instructions after answering the alarm phone calls and hearing the recorded message: (See Point 6 of "How to operate the Alarm Host?")</p> <ol style="list-style-type: none"> 1. Press "8": gets into the 20-second listening in mode automatically. 2. Press "#": plays the recorded voice message one time automatically. 3. Press "*": the host will end the call and stop dialing any auto dialer#. 4. Directly hang off the telephone: the host will end the call and automatically dial the next auto dialer#.
The host doesn't alarm after the sensor is triggered in armed mode.	<ol style="list-style-type: none"> 1. Caused by the functions of arm mode ("Armed Away" and "Armed Home"); 2. Have already setup time for Entry Delay or Exit Delay 	<ol style="list-style-type: none"> 1. "Armed Away" mode: The system alarms when any sensor in any zone is triggered; 2. "Armed Home" mode: The system won't alarm when any sensor in Motion zone is triggered 3. Program to adjust the time and Entry Delay or Exit Delay
The PIR sensor doesn't react.	<ol style="list-style-type: none"> 1. Not switch on power. 2. The PIR sensor's jumper setting is in the power-down mode. 	<ol style="list-style-type: none"> 1. Slide the power switch to "ON"; 2. "5S": detect once every 5 seconds; "5MIN": detect once every 5 minutes;
The detecting distance of PIR sensor gets shorter.	The ambient temperature in the detecting area is too high.	When the ambient temperature in the detecting area gets up to or exceeds the human body temperature, the detecting distance will get

		shorter, it's normal.
The host does not alarm after the new added wireless sensor is triggered.	Failed to follow the operation instruction of "Wireless Learning" to add the new wireless sensor.	Follow the operation instruction of "Wireless Learning" to activate the new wireless sensor
The PIR sensor' indicator flashes frequently.	Battery almost ran out.	Recharging
The door/window sensor's indicator flashes frequently.	Battery almost ran out.	Recharging
The distance of the remote controller gets shorter.	Battery almost ran out.	Replace with new battery of the same specification.

VIII. Daily Maintenance and Care

- Try to put the alarm host in the dry and well-ventilated places.
- Do not put the host and any wireless detectors in too cold, too hot or dusty places to prevent it from curtailing the service lives of electric parts and preventing the plastic shell from distorting and accelerating to age.
- Do not put the host and any wireless detectors in low and too exposed places to prevent the children from touching them or the thieves from finding them.
- Regular testing is necessary for finding and resolving problems in time.
- Regularly check the batteries in all wireless sensors and replace the running out batteries to ensure the normal operation of them.
- You'd better keep the power of the alarm host and all wireless accessories off while a long-time vacancy of the system.