GSM Touch Screen Wireless Alarm System
USER MANUAL

I. Foreword

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

Please read the below information carefully before using for a proper usage.

II. Brief introduction of the Product

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

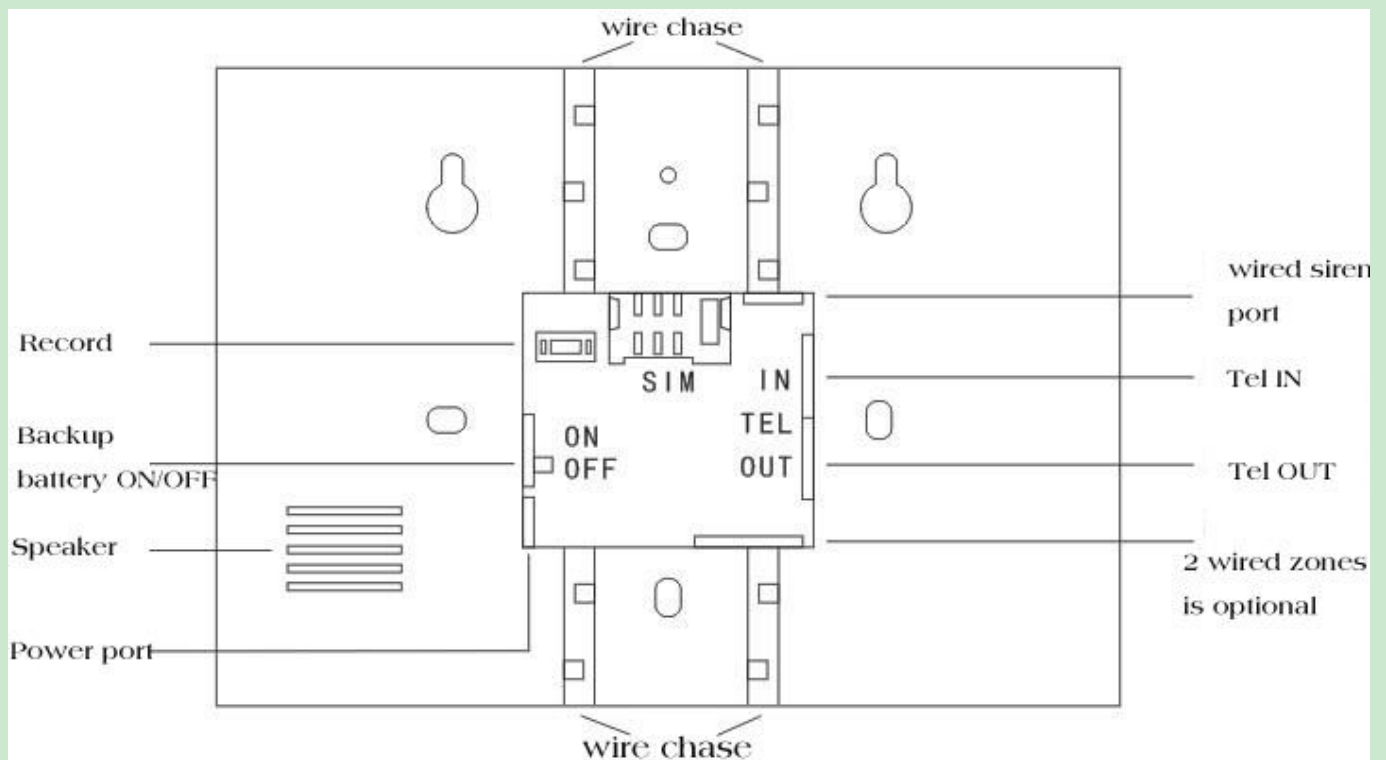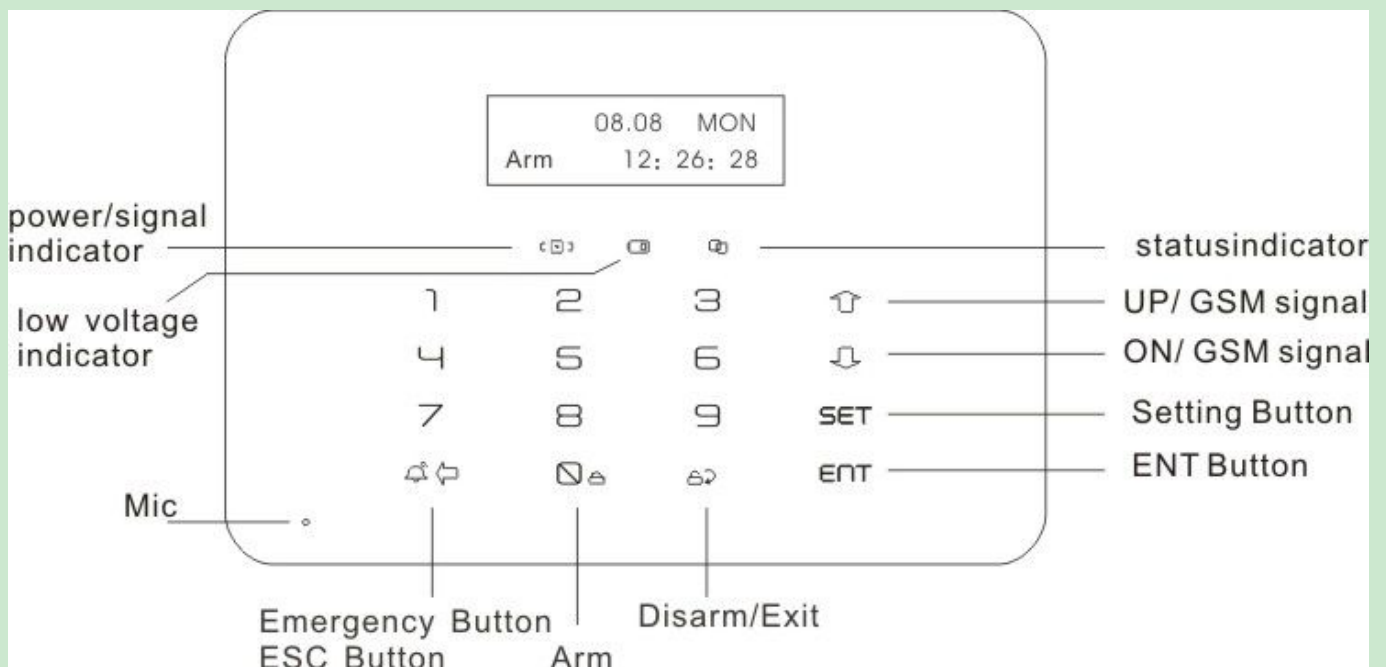| Alarm Host	Wireless Optional Accessories
GSM LCD Alarm Host	remote, wireless intelligent door sensor(or wireless door sensor) wireless wide-angle PIR sensor, , wireless indoor siren with sound and flash ，gas alarm, smoke alarm, wireless outdoor siren, doorbell button

Table 1: Product components

III. Function Features

1.   Touch keypad; LCD displays Date, Day of the week, Time, and current Armed Status
2.   Supported Languages: Simplified Chinese\ Traditional Chinese\ English\ German\ French\ and more to meet different market needs..
3.   GSM3/4 Band Net transmission,phone audible alarming and SMS alarming
4.   29 wireless zones (Each zone supports up to 4 sensors) and 2 dedicated zones for remotes (Supports up to 4 remotes or wireless keypads per zone). Supports 8 more wired zones(Optional).
5.   Can preset up to 5 phone numbers and dial in sequence.
6.   Intelligent logic analysis technology, corresponding zone number and sensor name can be displayed.
7.   Record up to a 10 second greeting for the auto-dialer, Then play the greeting back.
8.   Arm\ Disarm the system by 5 ways: SMS, Main Host(Keypad), Wireless Keypad, Keychain Remotes, or even remotely by phones. (PSTN alarm don't support SMS)
9.   Available in AC\DC with Low-voltage Indicators
10.   Learning sensors to alarm host, very easy operation.
11.   Non-volatile chip, information stored automatically when off power.
12.   Check door\window status automatically (This is when the system is disarmed only, if a door is opened, it will sound fast "bi bi bi")
13.   Support wireless "ding-dong" doorbell function (Optional)
14.   Support CID uploading to CMS(Center monitoring Station) , can user our GSM CID connector to have this function.
15.   Disconnection alarm, auto priority to occupy the telephone and monitoring function to hear what is happening.
16.   Built-in Li-Ion backup battery, it will alert when low power or without external power supply.
17.   Store up to 100 alarm records and 100 arm\disarm records

IV. Understanding of the Products

A. Understanding of the Alarm Host

08.08 MON
Arm   12: 26: 28

power/signal indicator
low voltage indicator
Mic

statusindicator
UP/ GSM signal
ON/ GSM signal
Setting Button
ENT Button

1 2 3 ⇧
4 5 6 ⇩
7 8 9 SET
         ENT

Emergency Button
ESC Button
Arm
Disarm/Exit

wire chase

Record
Backup battery ON/OFF
Speaker
Power port

SIM   IN
ON   TEL
OFF   OUT

wired siren port
Tel IN
Tel OUT
2 wired zones is optional

wire chase

1. Specifications:

- Working power: AC=100~230V, DC=12V   1A
- Static current:<50mA (when not charging)   Alarm current:<500mA
- Built-in Li-Ion backup battery: 3.7V 800mAH(rechargeable),
- Standby: around 16 hours, Full charging time: 12 hours
- 3-Band & 4-Band optional
- GSM transmit power: 2W
- Receiving and emitting frequency: 433MHz
- Working condition:Temperature: -10ºC ~ 50ºC   Humidity: ＜80%
- Product dimension:168×112×26(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.

3. Modes of arming

- "Away Arm" mode：Once any detectors in perimeter zones or motion zones get triggered, the host will alarm immediately and meantime dial "#" automatically.

"Home Arm" mode：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**

1. Insert SIM card properly.
2. Fix the antenna
3. Connect the telephone cable: connect the telephone cable of telecommunication to "Tel in" port on the alarm host, then

use the telephone cable attached in the package to connect "Tel out" port and telephone set.
4. Connect power: connect the power adaptor to DC port of the alarm host first, then plug it to the AC socket.
5. Turn on the backup battery
6. Check and see if GSM signal is good enough

Type	GSM Signal OK	Signal is not normal or SIM card not inserted properly
3-Band （900/1800/1900 MHZ）	Signal indicator keeps flash about every 2 seconds	Signal indicator keeps on
4-Band （850/900/1800/900 MHZ）	Signal indicator keeps flash about every 3 seconds	Signal indicator keeps flash about every 1 seconds

- **Signal level status**

When standby, press"▲"or"▼"and you can see the signal status as below.

XX: 0 …..31 indicates the signal from weak to strong,99 indicates unknown.

```
GSM   Signal Level:
            XX  YY
```

YY: Indicates signal status, OK is good, No is a little weak and need to adjust installation position.

Press "ESC" to get back for standby status. Or get back to standby status automatically after 30 seconds without no operation.

Note: If SIM card is not insert properly, it will shows:

```
NO SIM CARD:
            XX  YY
```

- **How to program**

Notes:

- The host will exit programming mode if without any operation within 30 seconds
- It will exit to the previous menu if press "ESC"
- If enter codes by mistake for 3 times, the host panel will resume to the standby mode
- you can press "▲▼" to adjust programming info. Or to find alarming info.

1. Menu preview

Main menu	Sub-Menu1	Sub-Menu2	Sub-Menu3	Sub-Menu4	Sub-Menu5	Remark
Set Time	Set time					Hour/minute/second

|						
Set Date	Set Date					Year/Month/Day/Week
Auto-dialer#'s	Call Center Personal Nbr	Call by phone SMS reportng				Alarming phone number, Group 2~5 for personal
Entry Delay	Entry delay					Time delay for enter
Exit Delay	Exit Delay					Time delay for exit
Siren On/Off	Siren off Siren on	Emergency siren	Perimeter siren	Motion siren		Duration time of alarming sound
Arm/Disarm Beep	Arm/Disarm Beep Yes No					No need to setup for personal use
User Id	Enter Usercode					No need to setup for personal use
Upload Satus?	Upload status? Yes No					No need to setup for personal use
Zone Attribute	Zone number XX	XX Zone type 2 1 0	Alarm Type XX	Bypass Zone? Yes No	Entry Delay Set? Yes No	Needed when adding wireless sensors
Set Smart Zone	Zone number	Smart Sensor ON Yes No	Smart Sensor ON? Yes No	Zone Indicator Yes No		Detect and indicate open/close states of doors/windows
Program Sensor	Zone number	Group Number	ActivateSensor Delete Sensor			For Adding or deleting wireless sensor
Wireless Code	Wireless Code					Usually no need for users
Alarm History	XX: Button Call Failed	XX: 01.01 00:08:52				For checking alarming history records.
Status History	DISARM 00: 01.01 03:39					For checking working records

Table 2: Menu Preview

2. Detailed program instructions:

For any program, you should start with【SET + Enter code + input the 6-digit code (default: 888888)+ENT】

【Set time】:

【ENT + press "⚡" to delete the old record + input current time+ENT】 → "X X X X X X": 6 digits, means "hour, minute, second", each takes 2 digits space, e.g. you may press 142120, now the host time will be 14:21:20.

【Set date】:

【ENT + press "⚡" to delete the old record + input current date and week +ENT】 → "X X X X X X": 7 digits, means "year, month, day and week", e.g.: 0701174, means Jan 17th, 2007, Thursday. ("0" means Sunday.)

【Auto Dialer#'s】:

- Totally 5 telephone/mobile numbers
- The first group is fixed for management center，other 4 groups are fixed for personal numbers
- Press"▲▼" to select the report method: "SMS Phone No." for voice alarming, "SMS reporting" for SMS text alarming
- Notes: if you choose "SMS Reporting", it will just sent to mobile numbers not include PSTN(landline) phone numbers.
- Press ENT to confirm each phone(telephone/mobile) number

--- 【1: Call Center】:

【ENT + 1: Call Center + press "⚡" to delete the old record + input the number you want to preset+ENT+ Press "▲▼" set as Call by phone or SMS Reporting】

--- 【2: Personal Nbr】:

【Press ENT continously till you see "2: Personal Nbr" + press "⚡" to delete the old record + input the number you want to preset+ENT+ Press "▲▼" set as Call by phone or SMS Reporting】→ personal number is fixed from Group No. 2 to 5, press ENT to set next personal number.

【Entry delay】

　　【ENT + Entry Delay+ press " ⚡ " to delete old record + X X + ENT】 → "X X": 2 digits, you can set 00~59 seconds.(default: "00")

Very important notes: If you hope the "Entry delay" to be function, you need to set from 2 places, one is from above "Entry delay" menu, the second is to set from "Zone attribute" (Details: Set—Pw- Zone attribute—Zone Number—Zone Type—Alarm type—Bypass zone—**Enter delay set**) , you need to choose "YES" in the step of "Enter delay set"

【Exit delay】

　　【ENT + press " ⚡ " to delete the old record + X X + ENT】 → "X X": 2 digits，you can set 00~59 seconds.(default is: "15")

【Siren On/Off】

　　【ENT + Siren On/Off, press "▲▼" to choose ON or OFF. 】

　　　If choose ON, the system will have alarm sound when alarm trigered. You need to setup the alarming delay time(seconds) in the next sub-menus. Please do as following:

　　　ENT +press " ⚡ " to delete old record + input new time X X + ENT. You can set 00~60 minutes, the default is "03"

　　　If choose OFF, just press ENT to confirm is ok. Then the system will not alarm when sensors trigered.

【Arm/Disarm Beep】

ENT + Arm/Disarm Beep, press "▲▼" to choose YES or NO. The default set before shipment is "YES".

【User ID】

Here need to setup only based on linking network. Operations: ENT + press " ⚡ " button to delete old record + X X X X + ENT】 → "X X X X": 4 digits, you can set 0000~9999. Default set before shipping is at ransom.

【Upload status】

This is for uploading Arm/Disarm/Alarm information to the Managing Centre. Operations:【ENT + "▲▼" + ENT】 → "▲▼" choose "yes" or "no" for upload or not upload. The defaulted is "No".

【Zone Attribute】

Here is for setting 【Zone number】, 【Zone type】, 【Alarm Type】【Bypass Zone】 & 【Entry Delay Set?】.

　　　--- 【Zone number】 :

● Here has 39 zonesfor your settings. 2 dedicated zones for remotes(Supports up to 4 remotes or wireless keypads per zone).29 wireless zones(Each zone supports up to 4 sensors) and 8 optional wired zones. Each zone needs to setup "Zone Type", "Alarm Type" ,"Bypass Zone" & "Entry Delay".**:**

　　　　Table 3: "Zones Number" setting

Zone Number	Sensor Type	Zone Type	Applicable sensor names	Notes
00、01	Wireless sensors	——	Wireless remote & Wireless Keypad	Each zone support up to 4 sensors
02 ~ 10		Emergency zone	Wireless Smoke Alarm, Wireless Gas Alarm& Panic button etc.	
11 ~ 20		Perimeter zone	Wireless Door/Window Sensor & Wireless Curtain PIR etc.	
21 ~ 30		Motion zone	Wireless Wide-Angle PIR Motion Sensor etc.	
31 ~ 38	Wired sensor	——	31,32,33 are Perimeter zone 34,35 are Motion zone 36,37,38 are Emergency zone	See Table 4: Wireless/wired sensor code

　　　---- 【Zone Type】 :

　　You can see "2", "1", "0".("2" mean motion zone, "1" means perimeter zone, "0" means emergency zone)

　　Press "▲▼" to choose the one you desire to setup, then press ENT to confirm your settings.

　　　---- 【Alarm Type】 :

　　【ENT + Alarm Type+ press " ⚡ " button to delete old record + X X + ENT】 → "X X": 2 digits. Alarm type code. 2 digits.(See below table.)

　　Table 4: Wireless/wired sensor code

Code	00	01	02	03	04	05	06	07	
Sensor Name	Button0	Button1	Gas	Smoke	Door	Window	Glass	Motion	
Code	08	09	10	11	12	13	14	15	20
Sensor Name	IR	Perimeter	Perimeter	Motion	Sensor	Sensor	Sensor	Sensor	(doorbell)

Table 5: Default set before shipment

Wireless sensors	Wireless remote	Wireless door sensor	Wireless wide-angle PIR sensor
Zone Number	01	11	21

--- 【Bypass Zone】：

This setting is for make zones enable or disable. Here has "Yes" & "No" for your alternatives. "Yes" means make this zone's sensors silent, "No" means keep this zone's sensors working. Press "▲▼" to choose "Yes" or "No", then press ENT to confirm your settings.

----- 【Entry Delay Set?】：

This is for settings delay time of alarming. Here has "Yes" & "No" for your selection.The delay duration time please refer to what you have prest in the menu 【Entry delay】.Press "▲▼" to choose "Yes" or 'No" to setup entry delay or without entry delay.

Note：.Press "ESC" to exit from the programming status after finish settings.

【Set Smart Zone】：

--- 【Zone Numner】：

【ENT + Zone Number+ press "⚡" button to delete old record + X X + ENT】→ "X X", zone number, 2 digits.

--- 【Smart Sensor ON】：

This is for open and close the intelligent door/window sensor function.

【ENT + Smart Sensor ON, press "▲▼" to choose YES or NO. 】"Yes" for open, "NO" for closed.

--- 【Smart SensorON】：

This is for open and close the status of the zone(no need to set for wired zones).

【ENT + Smart SensorON, press "▲▼" to choose YES or NO. 】"Yes" for open, "NO" for closed.

--- 【Zone Indicator】：

This is for setting if the zone needs sound indication while disarmed status.

【ENT + Smart SensorON, press "▲▼" to choose YES or NO. 】"Yes" for open, "NO" for closed..

【Program Sensor】

This setting is for adding or deleting Sensors in the above mentioned Zones(Includes Zone 00, 01).

【ENT + Zone Number+ press "⚡" button to delete old record + X X + ENT】→ "X X", zone number, 2 digits. Refer to Table 3.

【ENT + Group Number+ press "⚡" button to delete old record + X X + ENT】→ "X X",group number , 2 digits.

This Group Number is for Sensors' numbers, each zone can be connected up to 4 sensors, the Group Number is from 00 to 03. "00" means Sensor 1, "01" means Sensor 2, "02" means Sensor 3, "03" means Sensor

【ENT + press "▲▼" to choose "ActivateSensor" or "Delete Sensor" 】

If choose Activate Sensor

This means adding Sensors to this host. Operations:

Get a sensor learning to the host, the word "learning" will show on the LCD Screen, if have been learned, the word "success" will show on the LCD Screen.

Note: If a word "update?" shows on the screen, which means this sensor has been added before, you may choose "Yes" or "No" to decide going on programming or not for this sensor.

If choose Delete Sensor,

This means deleting the added sensors from the host. Operations:

Get into the *Program Sensor* menu, choose Zone Number and Group Number you desire to delete, press "▲ ▼" to choose

Delete Sensor, press ENT, the host will give a long beep sound. Then the words "Deleting Sensors Success" will show on the

LCD Screen, which means you have deleted the sensors successfully.

【Wireless Code】

【ENT + press "⚡" button to delete old record + X XXX + ENT】→ "XXXXX", range of code , 5 digits. Default setting before shipment is at random.

【Alarm History】

【ENT + Alarm History, press "▲ ▼" to review.】

【Status History】

【ENT + Status History, press "▲ ▼" to review.】

Note：Press "ESC" to exit from the programming status after finish settings

3. How to Revise Master code

This setting is for changing the "Enter Code" of the host. (The defaulted "Enter Code" is "888888".)

【ENT + 999999 + ENT + Enter New Code + Input 6-digit new code + ENT + Re-Enter Code】The host panel will be back to the standby mode after successful programming.

 Note: If input the codes 3 times by mistake, the host will be back to the standby mode automatically.

4. How to operate the Alarm Host?

1.Record：Keep pressing the "record button" on the back of the alarm host and speak close to the speaker of host. Then release, the voice recorded.

2. Play：Keep pressing the "play button" on the back of the alarm host and you will hear the previous record.

3. Arm：BY wireless remote：press the corresponding arm button and the host will beep once to successfully complete the operation

By Host panel(Keypad)：【0 + master code + ENT + "▲ ▼" + ENT】→ "▲ ▼" to choose "armed home" or "armed away"

4. Disarm: By wireless remote: press the corresponding disarm button and the host will beep twice to successfully complete the operation

By Host panel(Keypad)：【ESC + master code + ENT 】→the host will beep twice to successfully complete the operation

5. Emergency: By wireless remote: Press Emergency key and the host will alarm immediately;

By host panel(Keypad): press " ⚡", and the host will alarm immediately.

6. 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:

6.1. 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.

6.2. Input"#" to play the recorded voice message for one time automatically

6.3. Input "*", the host will end the call and stop dialing any auto dialer#.

6.4. Directly hang off the telephone, the host will end the call and automatically dial the next auto dialer#.

7. SMS reporting: Mobile will get SMS like " System Alarming XX, YYYY", "XX" means zone number, "YYYY" means the detailed sensor.
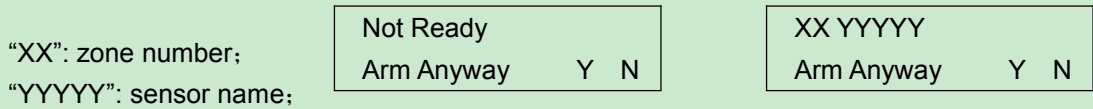
8. Arm remotely by phone: 30 seconds after successfully dial the telephone number of host,   enter the password of host after the beep---enter 1 after beep—the host will automatically hang up after beep to successfully complete the operation.

Notes: You can set "Armed Away" remotely by phone, but keep notes that you can't set "Armed Home" by this way.

9. 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.

10. Arm by SMS: You can edit SMS " XXXXXXBF" 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"!

11. Disarm by SMS: You can edit SMS " XXXXXXCF" to host panel, the host panel would disarm automatically when getting this SMS, and also will message back to mobile "Disarm successfully".

12. Monitoring of door/window status: When the smart zone is ON, the arm operation is normal if all the doors or windows are closed. But if any door or window is open, the host will sounds "Di Di Di" and at the same time it has below displays alternately:

"XX": zone number；

"YYYYY": sensor name；

Not Ready		
Arm Anyway	Y	N

XX YYYYY		
Arm Anyway	Y	N

Note: 1. This function is available only with wireless intelligent door sensor programmed.

2. If arm by SMS or phone call, the operation is same as original.

3. If arm by remote controller or wireless keypad, it will arm successfully after two succsessive arm operation.
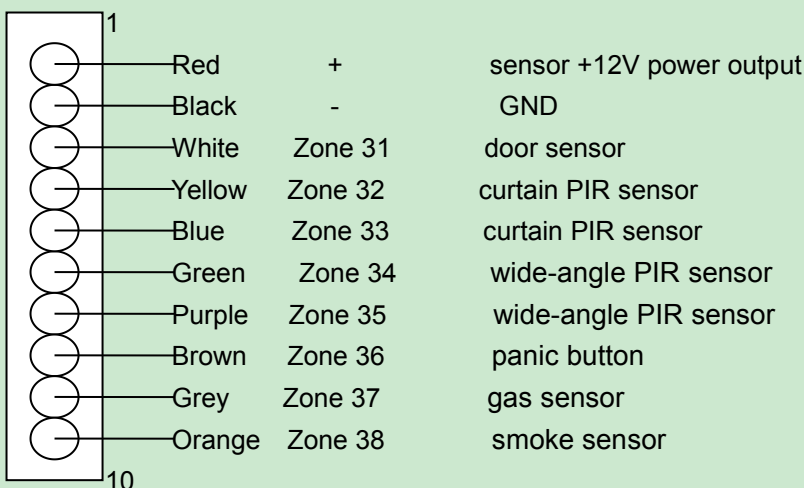
13. Wireless "Ding Dong" doorbell: the alarm host will sounds "Ding Dong" three times after each press of the doorbell button.

Note: This is an optional function. To have this function, need to add and program a wireless doorbell button.

5. Operation notice

1.   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 dial (or send SMS) repeatedly.

2.   Exit delay alert: the alarm host sounds "Di" every 1 second (door/window is closed) within preset exit delay time.

3.   Alarm delay alert: the alarm host sounds "Di" every 1 second within preset alarm delay time.

4.   Alarm priority: A. If the alarm host's own telephone line is accupied when it is alarming, 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" .

5.   External power supply cut alert: the alarm host sounds "Di" every 8 seconds.

Lower voltage alert: the alarm host sounds"Di Di Di" every 8 seconds when power gets very low.

How to connect optional wired sensors (2.2K balance resistor is necessary)

```
1
   Red        +          sensor +12V power output
   Black      -          GND
   White    Zone 31      door sensor
   Yellow   Zone 32      curtain PIR sensor
   Blue     Zone 33      curtain PIR sensor
   Green    Zone 34      wide-angle PIR sensor
   Purple   Zone 35      wide-angle PIR sensor
   Brown    Zone 36      panic button
   Grey     Zone 37      gas sensor
   Orange   Zone 38      smoke sensor
10
```

B. Understanding of Basic Accessories (Wireless)
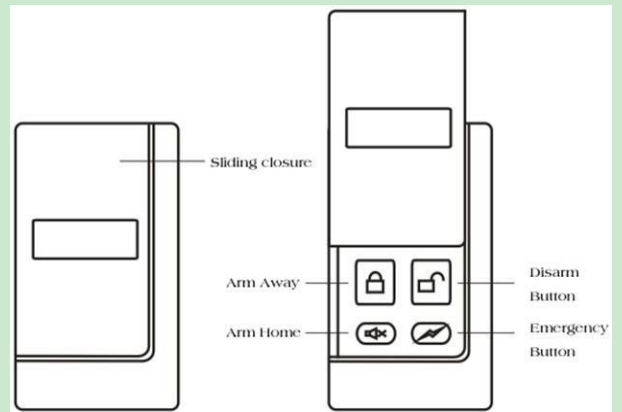
Wireless Remote

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

Specifications:

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

Installation and Usage:

- For users to take along.
- Generally, press the "Away" key to arm before leaving home; and press the "Disarm" key to disarm; "Home" is setting "Armed home", please take notes that "Arm Home" is only effective for sensors in Perimeter Zone (door sensor\curtain PIR sensor) and sensors in Emergency Zone (Like Gas sensor\Smoke sensor\Glass sensor\Emergency button), it is not effective all sensors in Motion zone(Like wide-angle PIR).
- Please replace the batteries after one year usage and when you feel shorter control distance.

How to program

Please refer to the descriptions of 【Program Sensor】or Table 6.

Note:
- You can only add 1 remote each time, totally 8 available to be added.
- Each serial number is available to study 1 remote, the latter configured remote will be workable and the former one becomes not workable automatically.
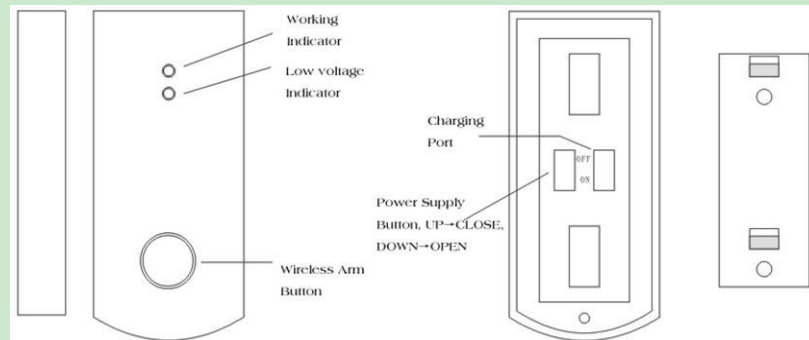

Wireless Intelligent Door Sensor

Features:

- Generally set as Perimeter zone.
- If any door or window is opened, it will transmit the alarm signals to the alarm host.

Specifications:

- Operating power: 23A 12V alkaline battery
- Frequency: 433MHZ
- Emitting distance: ≥ 100m (in open area)
- Service life: ≤1 year
- Alarm Distance: ＜4cm

Installation and Usage

- Fix the part of magnet onto the door frame in a position of 1.6m above the ground to prevent any children from bumping onto it
- Fix the part of emitting onto the door frame, make sure to keep the part of magnet and part of emitting in parallel, the space between the two parts shall be less than 10mm
- Upon the working light flashes frequently in red, please replace the batteries

How to program

Please refer to the descriptions of 【Set Smart Zone】.

Note:
- **You can only add 1 wireless door magnet each time, totally 4 available to be added.**
- **Each serial number is available to study 1 wireless door magnet, the latter configured wireless door magnet will be workable and the former one becomes not workable automatically.**

Wireless Door Sensor (Sames as Wireless Intelligent Door Sensor)

How to program

Please refer to the descriptions of 【Program Sensor】or Table 6.

Wireless wide-angle PIR Sensor

- Mainly monitor and control indoor space, generally set as Motion zone.
- When human body enters into etecting area, the sensor will transmit alarm signals to the alarm host.

Specifications:

- Operating power: 9V alkaline battery
- Emitting distance: ≥100m (in open area)
- Service life: ≤1 year
- Detecting distance: 110° 10×10m

Installation and Usage

- Fix the bracket on suitable wall surface or in wall corner at a distance of 2~2.4m above the ground;
- Open the sensor shell to connect the batteries well and adjust jumper line (short circuit "5S": The sensor will detect once every 5 seconds; short circuit "5MIN": The sensor will detect once every 5 minutes;

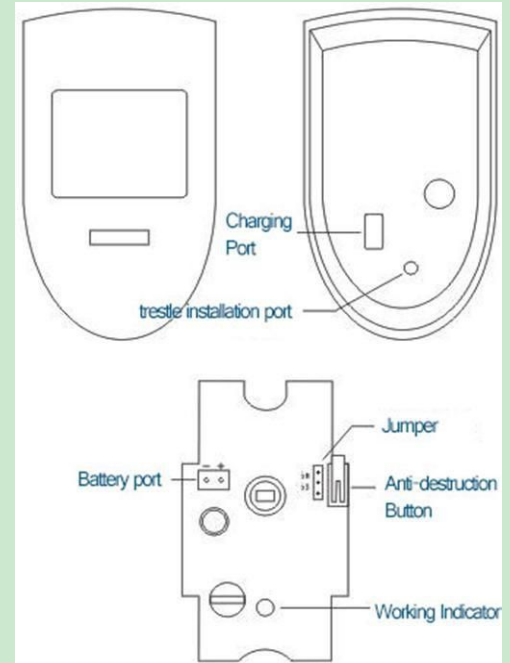 **Suggestion: short circuit "5S" for testing and "5MIN" for normal use;**
- Fix the sensor onto the bracket;
- Adjust the sensor to a proper angle and then slide the power switch on the side to "ON", and it will enter into the normal working state after 30 seconds;
- Upon the working light flashes frequently in green, please replace the batteries.

How to program

Please refer to the descriptions of 【Program Sensor】or Table 6.

Note:

- **You can only add 1 wireless wide-angle PIR sensor each time, totally 4 available to be added.**
- **Each serial number is available to study 1 wireless wide-angle PIR sensor, the latter configured wireless wide-angle PIR sensor will be workable and the former one becomes not workable automatically.**

Wireless Indoor Siren

Features:

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

Specifications:

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

Installation and Usage:

- Plug the wireless siren into suitable indoor power socket
- Suggestion: Generally around 1.8M from the ground

How to program

Please refer to the descriptions of 【Program Sensor】or Table 6.

Notes:

- **You can only add 1 wireless siren each time.**
- **When configure the wireless siren, you can only operation on the keypad of the alarm host.**
- **One siren can be studied to at most 10 wireless alarm hosts, multi wireless sirens are available to be added for each alarm host.**
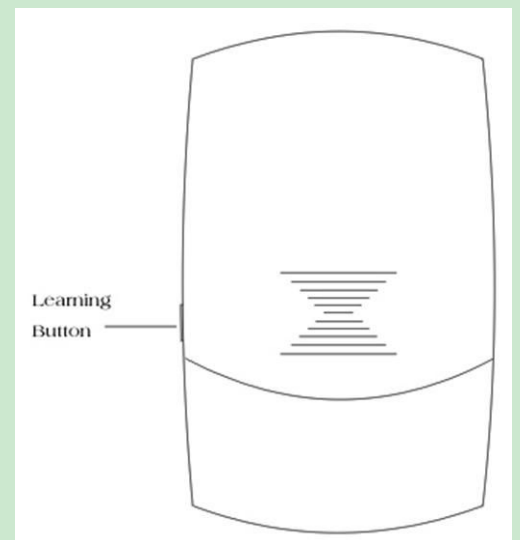
Table 6 : Preview of how to activate and deactivate "Basic accessories (Wireless)" and "Optional accessories (Wireless)"

Type		Zone No.	Max. no. to be programmed	How to activate	How to deactivate
Basic accessories (Wireless)	Remote	00、01	8	1)【SET +Programming code + "▲▼" "Program sensor" + ENT + "⚡" + Y Y + ENT + "⚡" + X + ENT + "▲▼""Activate sensor" + ENT 】（The screen would say learning） 2) Press any key on the remote twice successively, the host LCD will display "Success";	1)【SET +Programming code + "▲▼" "Program sensor" + ENT + "⚡" + Y Y + ENT + "⚡" + X + ENT + "▲▼"Delete sensor" + ENT 】 2) The alarm host will beep once and press ESC to exit.
	Door Sensor	11~20	4	1.Same as above 2.Trigger the door sensor twice successively	Same as above
	Wide-Angle PIR Sensor	21~30	4	1.Same as above 2.Trigger the PIR sensor by pressing "Learning Emitting Switch" on the panel twice successively	Same as above
	Indoor siren	N/A	——	1.After connecting to the power, press the "learning switch on the side of the siren 2. Press"⚡" key on the alarm host, disarm by keypad on the alarm host after about 5 seconds. 3. Lights of the siren flashes 5 times and then off indicates successful activating	After connecting to the power, keep pressing the "Learning" switch on the side of the siren for 5 seconds and release, lights on the siren flashes 1 time and then off indicate successful deavtivating
Optional Accessories (Wireless)	Gas alarm	02~10	4	1. Same as above 2. Trigger gas alarm by releasing gas, the host LCD will display "Success"	Same as above
	Smoke Sensor	02~10	4	1.Same as above 2.Trigger smoke alarm by releasing smoke, the host LCD will display "Success"	Same as above
	Outdoor Siren	N/A	——	Same as wireless indoor siren	Same as wireless indoor siren

V. Common Problems and Solutions

Symptoms of Faults	Possible Cause	Solution
The alarm host can't fully record	Did not keep pressing the record all the time while recording	Keep pressing the record all the time while recording
Repeatedly receiving the alarm telephone	Fail to operate according to the operation instruction of the telephone alarm	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?")
Can't receive alarm sms or can't receive sms reply after made arm or disarm operation by sms	1. SIM card is not insert properly 2. GSM signal is not good enough	1. Insert SIM card properly 2. Adjust alarm host's installation position till the signal status shows "OK"
The host does not alarm after the detector is triggered in arm state	1. Caused by the functions of arm mode (Armed Away and Armed Home); 2. Have already setup time for Entry Delay or Exit Delay	1."Armed Away" mode: alarm goes off when any sensor is triggered; 2. "Armed Home" mode: alarm goes off when any sensor in Perimeter zone is triggered and it won't alarm when any sensor in Motion zone is triggered 3. Program to adjust the time for Entry Delay or Exit Delay

The PIR sensor doesn't work	1. Not properly connected to the power 2. Port of the detector is in the power-down mode.	1. Open the sensor shells to install the batteries well and 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 exceeds the human body temperature, the detecting distance will get shorter, it's normal.
The host does not alarm after the new added wireless detector is triggered.	Failed to follow the operation instruction of "Adding and deleting sensors" to add the new wireless sensor	Follow the operation instruction of "How to program" to activate the new wireless sensor
The PIR sensor flashes frequently in green.	Batteries are running out.	Replace with new batteries of the same specification.
The door sensor's indicator flashes frequently.	Batteries are running out.	Replace with new batteries of the same specification.
The distance of the remote controller gets shorter.	Batteries are running out.	Replace with new batteries of the same specification.

VI. Daily Maintenance and Care

This alarm is the hi-tech product with the outstanding design and sophisticated technique, and shall be used carefully. To make the alarm to operate for a long term stably and to prolong the service life, it is recommended that:

- 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.