

*1* Dual-tier Password

*2* Wireless Socket Support

*3* Multi-Languages Voice

▶ Pad Style GSM Alarm System User guide

# Pad Style GSM Alarm System User guide

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## 1. Introduction

### 1.1 Feature

- 1, Voice guide portable GSM alarm system
- 2, Quad band GSM voice prompt or SMS message notify
- 3, digital voice.
- 4, Remote control home appliance
- 5, SMS Number recognition technology.
- 6, Dual-tier password management.

### 1.2 Function

- Based on GSM Sim Card.
- 8 wireless zones. 5 zone types. Zone type: Normal, Stay, Intelligent, Emergency and Close.
- 2 sets scheduled arm/disarm/stay arm function by zone/day/time
- Compatible with protocol Contact ID.
- Dual-tier password: System password for installation. User password for operation.
- IOS/Android app remote control
- 6 groups alarm phone No., 3 groups SMS No.
- Battery-low alert by SMS and Phone call for both panel and sensors.
- 10 seconds ISD automatic voice mailbox for playback message upon alert.
- Telephone/SMS remote control.
- 1 Set of normally open signal outputs, relay linkage output, remote control home appliance.
- Can remote control 7 intelligent socket for appliance by phone and sms.
- PT2262 encoding, support 50 sensors and 50 remote control
- High capacity rechargeable lithium battery, auto switchable after power off.
- Panel integrated with quad-band GSM/GPRS

## 2. Alarm System Setup

### 2.1 Arm

All detectors are working. Trigger detectors, alarms immediately. Short press [🔒] key in turns on panel, panel will switch arm, stay arm, disarm. To activate by remote control: press "arm" key once.

### 2.2 Stay Arm

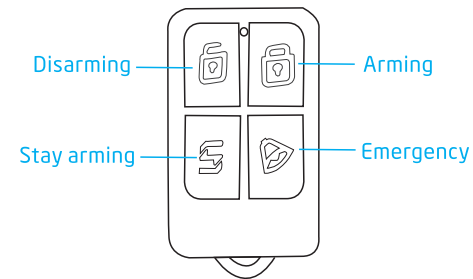
Partial arming , selected sensors are working. In STAY ARM, the panel [ ARM ] light is flashing . To activate by remote control: press [Stay Arm] key once.

### 2.3 Disarm

All sensors are deactivated and not work. (except the detector in Emergency zones). Press [🔓]key, can disarm the system. [Arm] light off. To activate by remote control: press "DISARM" key once.

### 2.4 Emergency alarm

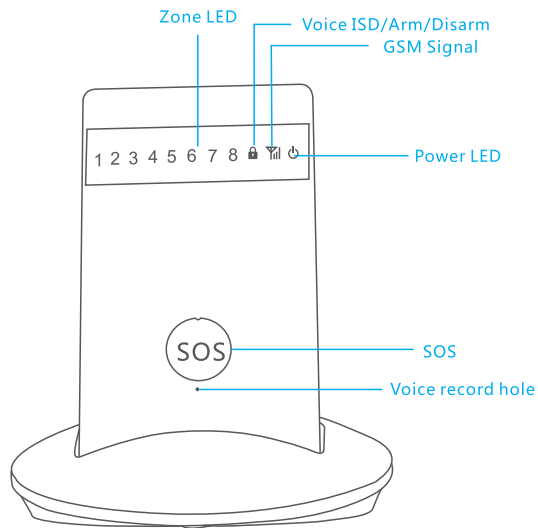
Long press [SOS]for 3 seconds, main panel will alarm immediately. By remote control: press "Emergency" key once.



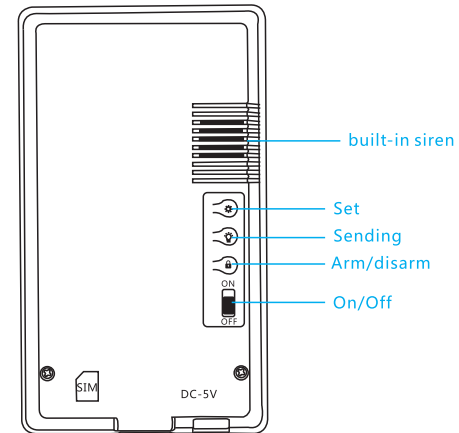
## 2.5 Installation

Installed alarm panel at the central location to all the wireless sensors and accessories. Keep the panel away from large metal objects or household appliances with high-frequency interference, and avoid barriers such as concrete walls with metal frame inside and fire doors.

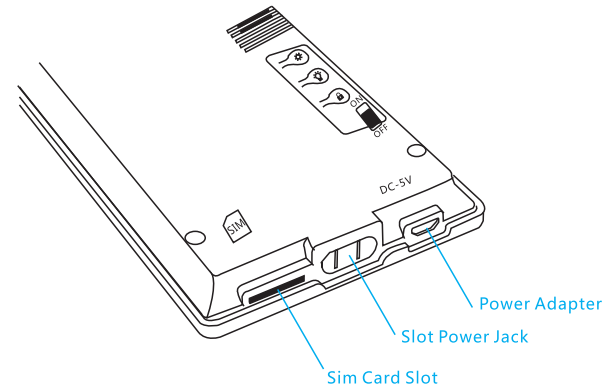
### Alarm Panel Front Side:



### Alarm Panel Back Side:



### Alarm panel side view:



## 2.6 Summary of Indicators

Function	indications	description
Build-in speaker	"beep" once "beep" "beep" two short tones "tok" once Voice prompt	Exit configuration or learning success Exit configuration or learning success Error indication The function and status of the prompt voice
Power LED	Orange light up Green light up Light off Red light up	Battery charging External power connecting, battery full External power cut, battery supply External power cut, low battery
Arm LED	Light up Blinking quickly Blinking slowly Light off	Alarm panel at ALL ARM or voice recording Alarm panel at STAY ARM Is changing to DELAY ARM Alarm panel at DISARM state
Defence zone LED	8 zones LED light up One LED light on One LED flashing	Remote control learning or 0 zone' s siren learning Defence zone alarming This Defence zone coming into delayed alarming
GSM signal LED	Blinking every 1 second Blinking every 3 second	GSM signal is weak or not installed GSM and SIM card works properly

## 3. System Setting

### 3.1 Alarm Panel Initial Setup

- 1, Insert SIM Card into the SIM slot behind the panel, then power on alarm panel. The alarm panel voice prompt "Welcome to use alarm system"
- 2, Start search the GSM network, GSM Led flash once for 1S when is searching the GSM Signal.Until network working is ready, GSM led flash once for 3S, means GSM signals and SIM card are normal. If it keep flashing means not installed SIM card or GSM network is wrong .
- 3, If everything right, switch [ON] the backup battery.

### 3.2 Pre-record Voice Message

The voice message is played when alarm call is received. Please pre-record like this:

Press **【SET\*】** key 3 seconds→sound "beep" , LED light on → Speak your message, System will record 10 seconds and then automatically exit or press **【SET\*】** key when the recording LED light off to end.

### 3.3 Add Remote Control

press **【\*】** key→ Sound "beep " once with 8 zone lights on and sound " Add remote control" → Then press any key of the remote control → panel sound 'successfully'

(If no 'successfully' , just 'beep' once means the remote control has been configured before. If want to add another remote control, directly press any key of the remote control which you want to add .Alarm panel can configure up to 50 remote control of different addressing.

Press **【🔒】** key once to return ,press **【🔒】** key once to exit. Then all the

lights off.

### 3.4 Delete the remote control

press **【SET \*】** key→panel' s 8 zone lights on and sound 'Add remote control' means enter the configuration mode→ long press **【SET \*】** for 3 seconds, panel sound 'beep' once, and all zones lights off, means delete all remote controls.

### 3.5 Add detector

Steps:

- 1, Press \* once, enter code copy mode
- 2, Press \* again, enter the 1st zone, start the detector learning state, voice prompt.
- 3, Trigger the detector to send a signal to the alarm panel, the panel respond with 'beep', 'beep' twice means successful. 'beep' once means the detector has been configured before.
- 4, Press **【SET \*】** to change zone number, then add other detectors into different zones.

Totally 8 zones. In 8th zone, press \* again to exit and 'beep' twice.

### 3.6 Delete detector

Assume the target deleted zone number is N, N means 1~8:

Press **【\*】** key N+1 times→then hold the **【SET \*】** key 3 seconds

The target defence zone light on, the panel sound 'beep' once, means delete the detector of target defence zone successfully.

### 3.7 Add wireless strobe siren, intelligent socket and wireless relayStatus:

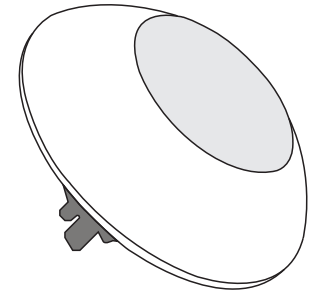
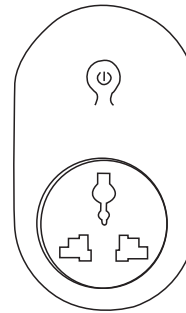
Press **【🔔】** key, the panel is sending signal.

Press **【\*】** means return.

Press **【Disarm 🗝️】** key to exit.

Below are nigh voice prompt after press **【🔔】** :

0 defence zone	Signal for wireless siren
1-7 defence zones	Signal for intelligent socket
8 defence zone	Signal for relay output



#### 3.7.1 Add wireless strobe siren




Press the test button in strobe siren→ press **🔔** button in panel, 8 lights in panel will light up and voice prompt "Zero" → Press **🔔** to send signal, the siren "beep" twice. → press test button in siren to exit.


Test: Press **🔔** in panel for testing, voice prompt "Zero Open", siren will alarming; press **🔔** again, voice prompt "Zero Close", siren stop alarming.



The corresponding sound of operation in panel:

Alarm	alarming
Arm	Beep twice
Stay arm	Beep twice
Disarm	Beep twice




### 3.7.2 Add smart socket



Long press smart socket test key 5 seconds → short press  button in the panel, all lights up with voice prompt “Zero” → Then press  again, first zone will light up and voice prompt “One”, press  to send signal.

Socket flash one time means add successfully. Other zone can be selected by pressing .

Press  to choose the socket number, then press  to control the connection and disconnection. Socket can be operated by SMS.

### 3.7.3 Add alarm relay

Press  9 times to enter the setting mode of relay, → press  to send a signal to relay, the relay light flash once means add successfully. Press  to exit the setting mode.

Press  to enter the setting mode, then press  to control the connection and disconnection of relay.

(The ‘Socket’ and ‘Relay’ are the same socket, but the ‘relay’ will automatically connect when alarming, automatically disconnect when disarming the panel.)

## 3.8 Phone remote control

Call the panel, Input password, (initial password: 123456). Press # to enter the setting mode after connected. Below orders for setting.

### 3.8.1 Set voice alarm phone number

Steps:  
【8】 + 【1-6】 + 【phone number】 + 【#】

The alarm can set 6 groups phone number for voice calling. When there is a alert, it will call the 6 numbers one by one. 【1-6】 indicates 1st to the 6th voice alarm phone number. Example: Add 13812345678 as voice number. Method: Press # → Input 8113812345678#, press \* to exit the setting status. If alarm number is extension, input 8113812345678 \*\* + extension +#. \* means waiting for 1 second, \*\* means waiting for 2 seconds.

### 3.8.2 Delete voice alarm phone number

Steps:  
【8】 + 【1-6】 + 【#】

Example: delete the first voice alarm number. Method: Call, press#, then press 81#.

### 3.8.3 Set SMS number

Steps:  
【9】 + 【1-3】 + 【numbers】 + 【#】

The alarm can set 3 groups phone number for SMS message. When there is a alert, it will send a SMS message to the 3 numbers. Example: Set 13812345678 as the first SMS message number. Method: Call, press#, then press 9113812345678#

### 3.8.4 Delete SMS phone number

Steps:  
【9】 + 【1-3】 + 【#】

Example: delete 1st SMS phone number. Method: Call, press#91#

### 3.8.5 Set alarm center phone number

Steps:  
【9】 + 【4-5】 + 【numbers】 + 【#】

Add Contact ID monitor center number, can set 2 groups phone numbers for alarm monitoring center. When there is an alert, it will call the numbers at first and upload the details to the center machine. Example: Set 075588556688 as the first alarm center number. Method: Call, press#94075588556688# Remark: The alarm will priority call the center number, so if no center, please don't add the center number.

### 3.8.6 Delete alarm center phone number

Steps:  
【9】 + 【4】 + 【#】

Example: delete 1st alarm center phone number.  
Method: Call, press#94#

### 3.8.7 Set system password

Steps:  
【5】 + 【6 digitals password】 + 【#】

The system have dual-tier password, system password that used for controlling and setting the system, default password is 123456  
Example: Set new system password as 654321.  
Method: Call, press#5654321#

### 3.8.8 Set user password

Steps:  
【51】 + 【6 digitals password】 + 【#】

To limit the permission of users, just used for corresponding features of [0-9], the default user password is 000000.  
Example: Set new user password as 666666  
Method: Call, press# 51666666#

### 3.8.9 Set delay for system arm

Steps:  
【61】 + 【000-255 seconds】 + 【#】

Arm delay 0-255 seconds . System default is 000 seconds.  
Example: set the delay time to 60 Seconds.  
Method: Call, press# 61060#

### 3.8.10 Set the delay of alarming

Steps:  
【62】 + 【000-255 seconds】 + 【#】

Set the time of delay upon alarm, it can be 0-255 seconds, system default is 000 seconds.  
Example: set the alarm delay time to 60 Seconds.  
Method one: Call, press#, then press 62060#.

### 3.8.11 Set length of Siren sound

Steps:  
【53】 + 【00-20 minutes】 + 【#】

The length of siren sounding can be set to 0-20 minutes, factory default is 1 minute.  
Example: Set siren sound to 5 minutes.  
Method: Call, press#, then press 5305#

### 3.8.12 Set Linkage Alarming

Steps:  
【11】 + 【0/1】 + 【#】

Enable or disable the integrated alarm upon alarm. 1 is on and 0 is off, system default is 1.  
Example: set the linkage alarming off,  
Method: Call, press#, then press 110#

### 3.8.13 Set reply SMS

Steps:  
【12】 + 【0/1】 + 【#】

Reply SMS means system will send a SMS back when setting the system by SMS. 1 is on, 0 is off. System default is 1.  
Example: Close the reply SMS.  
Method: Call, press#, then press 120#.

### 3.8.14 Set audible confirmation for remote control operation

Steps:  
【55】 + 【0/1】 + 【#】

1 means on and 0 means off, the default is on.  
Example: Set panel without sound when operated by remote control .  
Method: Call, press#, then press 550#.

### 3.8.15 Set system date and time

Steps:  
【4】 + 【00-99 2 digitals for year】 +  
【01-12 month】 + 【01-31 data】 +  
【00-23 hour】 + 【00-59 minute】 +  
【00-59 second】 + 【#】

Example: Set data to 1st, October of 2011, time to 9:00:00 am  
Method: Call, press#, then press 411100109000#.

### 3.8.16 Scheduled arm and disarm

Steps:  
【7】 + 【1-2】 + 【AAAA arming time】 +  
【BBBB disarming time】 + 【Day of week】 +  
【#】

Example: set 1st scheduled time to arm at 22:00 pm and disarm at 07:00 am, this is valid for weekday of each week.  
Method: Call, press#, then press 712200070012345#  
Remark: Set the scheduled arm and disarm time to 24:00 will close the scheduled arm and disarm.



### 3.8.17 Set the type of defense zone

Syntax:  
【60】 + 【01-08 zone number】 +  
【1-5 Type】 + 【0/1】 + 【#】

To set zone type of 8 zones, 01-08 represents 1-8 zone number, 1-5 represents one of the 5 zone type:  
1.NORMAL  
2.STAY ARM  
3.INTELLIGENT  
4.EMERGENCY  
5.CLOSED  
The last 【0/1】 , 0 means siren of panel produce no sound upon alarming while 1 is sounded .  
Example: Set 2 zone as STAY, and siren not sound upon 2 zone alarm.  
Method: Call, press#, then press 600220#

### 3.8.18 Set ringing times of remote call

Steps:  
【18】 + 【00-20】 + 【#】

System default is 1, 00 means closed remote control by calling.  
Example: Set the ringing time to 3 times.  
Method: Call, press#, then press 1803#.

### 3.8.19 Set zone event codes of alarm center

Steps:  
【64】 + 【1-8】 + 【code】 + 【#】

The 8 zones will have a events codes to connect with alarm center. System default is 130 Burglary.  
100 medical aid, 110 fire alarm, 121 robbery alarm, 122 mute robbery alarm, 130 burglary alarm, 131 peripheral burglary alarm, 151 gas alarm.  
Example: Set the event code of 2nd zone is fire alarm.  
Method: Call, press#, then press 6402110#.

### 3.8.20 Set report of arm/disarm to alarm center

Steps:  
【65】 + 【1-4】 + 【#】

Defaults as no report to the alarm center  
1 stay arm  
2 disarm  
3 arm/disarm/stay arm  
4 No report to the alarm center  
Example: report the arm/disarm/stay arm to alarm center  
Method: Call, press#, then press 653#

### 3.8.21 Set CID user code

Steps:  
【66】 + 【0000-9999】 + 【#】

CID user code is indicate four number,0000-9999.Defaults is 0000  
Example: set the CID user code to 1234  
Method: Call, press#, then press 661234#

### 3.8.22 System voice volume adjustment

Steps:  
【79】 + 【1-7】 + 【#】

Set the voice volume adjustment,1-7 voice level,1 is minimus, 7 is maximum,default is 5.  
Example: set the voice volume to 7  
Method: Call, press#, then press 797#

### 3.8.23 Set the internal siren alarm volume

Steps:  
【87】 + 【0-7】 + 【#】

0 for no siren,7 for maximum siren sound,default is 5  
Example: set the siren sound to 7  
Method: Call, press#, then press 877#

### 3.8.24 On/off of the SOS light

Steps:  
【88】 + 【0/1】 + 【#】

0 for turn off SOS light, 1 for turn on, defaults on.  
Example: turn off SOS light  
Method 1: Call, press#, then press 880#

### 3.8.25 On/Off AC power cut alarm

Steps:  
【89】 + 【0-5】 + 【#】

0 for turn off voice prompt.  
1 for only SMS alert the AC power off.  
2 for dial phone number.  
3 for dial number and siren turn on.  
4 for dial and turn on the 8th smart socket.  
5 for dial,siren on,turn on the 8th smart socket.  
Defaults as 1.  
Example:user need dial the phone number,siren on after AC power off  
Method: Call, press#, then press 893#  
Remark: set 1-5,the panel will sent the SMS "AC power off" to the phone number.Set 0,no hint SMS.

### 3.8.26 On/off of voice prompt

Steps:  
[21] + [0/1] + [#]

0 for turn off voice prompt, 1 for turn on, defaults as on.  
Example: turn off prompt voice  
Method: Call, press#, then press 210#

### 3.8.27 On/off of message function

Steps:  
[22] + [0/1] + [#]

0 for turn off message function, 1 for turn on, defaults as on.  
Example: turn off message function:  
Method: Call, press#, then press 220#

### 3.8.28 On/off of arm/disarm alert message function

Steps:  
[23] + [0/1] + [#]

0 for turn off arm/disarm alert message, 1 for turn on, defaults as off.  
Example: turn on arm/disarm alert message function:  
Method: Call, press#, then press 231#  
Note: the arm/disarm alert message only sent the first group phone number.

### 3.8.29 Choose scheduled disarming/scheduled stay arming

Steps:  
[24] + [1-2] + [0/1] + [#]

0 for scheduled disarming, 1 for scheduled stay arming, defaults as 0.  
Example: choose one group to scheduled stay arming:  
Method: Call, press#, then press 2411#

### 3.8.30 Control smart socket

Steps:  
[9] + [0-8] + [0/1] + [#]

[0-8] 0 indicates a sound and light siren, 8 indicates a wireless relay, 1-7 indicates 1-7 smart socket, [0/1] 0 for on the smart socket, 1 for off. Only Wireless reply will closed when system arming, auto open when the system disarming.  
Example: turn off 5th socket, open 7th socket.  
Method: Call, press#, then press 950#, 971#

### 3.8.31 Restore factory setting

Steps:  
[13] + [0000] + [#]

Restoring factory setting will delete all the record and return to factory defaults, but not remote control and detectors. the password is 123456  
Method: Call, press#, then press 130000#

### 3.8.32 Total System Reset

Steps:  
Press and hold the [SET] button and power on.

Restoring factory setting when no password.  
Method: Disconnect power to the alarm panel, turned off the alarm panel battery switch, then press and hold the alarm panel of SET button while power-on. After 5 seconds loose the button. The Panel delete all detector and remote control, password is 123456.

## 3.9 SMS Commands

The command message will be sent user first, the alarm system panel will reply the tip or template

When edit command, if the user phone number was input in the panel, only sent the command message; if not, must sent the password+message to the panel. The default password is 123456. User can sent ' ? ' or ' ? ? ' to request the command tips.

Example: change the first group phone number to 13899998888:

On your mobile phone, edit SMS message as 12345681 to the panel, (123456 is fault password, 81 is the first group phone number), the panel will reply "123456 Group 1 Phone Number:", then user input the phone number. then the panel reply "123456 Group 1 Phone Number:138999988888", means the first group phone number is set successful.

The alarm system message sending and reply as below.(the default password is 123456)

Message content	alarm system reply message		
?	Edit [Password+? Or ??] to panel to apply help. Example:123456? Password before the command Example:1234560		
123456?	0 Disarm 1 Arm 2 Stay Arm 3 Call Back 4 Clock 5 Password 6 Delay		
123456??	7+(1-2) Timing 8+(1-6) Phone Number 9+(1-3) SMS Number 9+(4-5) CID Number 10+(1-8) Zone Message		
123456???	11 Alarm Out 12 SMS Reply 13+ (1-7) Smart Switch		
1234560	Disarming successful		
1234561	Arming successful		
1234562	Stay arming successful		
1234563	The system auto dial back, press the call button to start the two-way radio function		
1234564	123456 System Clock 2014-07-01 10:00:00	Edit-forwarding	123456 System Clock 2014-07-25 09:00:00
1234565	123456 System Password:123456 Password:123456	Edit-forwarding	123456 System Password:654321
1234566	123456 Delay Setting Arming Delay:0005 (0-255) Alarming Delay:0005 (0-255)	Edit-forwarding	123456 Delay Setting Arming Delay:0305 (0-255) Alarming Delay:0005 (0-255)
12345671	123456 Group 1 Timing Arming:24:00 Disarming:24:00 Day:1234567	Edit-forwarding	123456 Group 1 Timing Arming:22:00 Disarming:07:00 Day:12345
12345681	123456 Group 1 Phone Number:	Edit-forwarding	123456 Group 1 Phone Number: 13812345678
12345691	123456 Group 1 SMS Number:	Edit-forwarding	123456 Group 1 SMS Number: 13812345678
12345694	123456 Group 1 CID Number:	Edit-forwarding	123456 Group 1 CID Number: 13812345678
123456101	123456 Zone Message Zone No.1:01 Zone Alarm!	Edit-forwarding	123456 Zone Message Zone No.1:Front door open!
12345611	123456 SMS Reply:ON	Edit-forwarding	123456 SMS Reply:OFF
12345612	123456 SMS Reply:ON	Edit-forwarding	123456 SMS Reply:OFF
123456131	123456 Smart Switch 1:OFF	Edit-forwarding	123456 Smart Switch 1:ON

## 4. Alarm and Remote control

### 4.1 Handling method after receiving alarm

After Panel alerts, it will automatically dial the preset 1-6 group telephone number for three times until connected.(the panel will dial the 7-8 group telephone number when the trigger detector in the HELP SENIOR Defense Zone), and send message to the preset 1-3 gorups SMS number. When the user picks up the phone, a piece of pre-recorded voice message will be played back immediately and let the receiver noted about the event. Upon receiving the call, it can also control the alarm panel remotely via the phone (according to the command below). User will not be asked for password upon connected and alarm will automatically hang up call within receiving anyinstruction within 20 seconds.

[1] key: arming

[2] key: disarming

[3] key: monitoring open

[4] key: monitoring closed

[5] key: turn on announcement

[6] key: turn off announcement

[7] key: siren ringing

[8] key: stop siren sound

[9] + [0-8] + [0/1] + # to control the storbe siren (0 group) and 1-8 group control the intelligent socket Switch ON/OFF , [0/1]—0 means OFF , 1 means ON.

[\*] key: hang up, system will not dial the next number on list.If not press \* or 2 ,system will call the next group phone alarming number.

Note: the monitoring and announcement time is 20 seconds, please press [3] or [5] key to continue if you need. Press 3 and 5 ,can implement intercommunication between the alarm panel and the phone.

### 4.2 Remote control the Panel

User can operate the alarm system by phone call: User will not be asked for password upon host call, but User will be asked for password upon User

Call to the host. Alarm will automatically hang up call after no operation within 20 seconds.

#### The Operation are:

[1] key: arming

[2] key: disarming

[3] key: monitoring open

[4] key: monitoring closed

[5] key: turn on announcement

[6] key: turn off announcement

[7] key: siren ringing

[8] key: stop siren sound

[9] +[0--8]+[0/1]+# to control the storbe siren (0 group) and 1-8 group control the intelligent socket Switch ON/OFF , [0/1]—0 means OFF , 1 means ON.

[\*] key: hang up, system will not dial the next number on list.

[#] key: enter into the phone remote system settings, after entering setup state may according to the phone remote setting instructions to set for the host state in the instruction form. Refer to instructions table.

If not any operation, the panel will automatically hang up and exit after 20 seconds.

#### Remark:

For host alarm call: If not hang up using [\*] key or disarm using [2] key, the system will retry to call the next phone numbers on list until one connected.

Note: the monitoring and announcement time is 20 seconds, please press [3] or [5] key to continue if you need.

### 4.3 calling

Use any telephone to dial the phone number of the sim card which installed

on the alarm panel , within the period of ring tones , short press SOS button of the alarm panel can talk with the people who use the phone , and press DISARM to hang up.

### 4.4 Low power indication

When the alarm panel only use the power of inner batteries , if the voltage less than 3.7V, alarm panel will constantly issue a voice prompt "Low Battery" until alarm panel power off after 15s. When the alarm panel dedetected low battery, the alarm panel will send one message " low battery shutdown " to the preset SMS alarm number before the alarm panel power off .

#### Types of alarm zone

The alarm supports 8 defense zones and they can be classified into one of the 5 Zone Types:

**NORMAL Defense Zone:** The Panel only works on the arming status. When disarming, there is no response.

**STAY Defense zone:** Can be shut off the detector in the stay zones when the

**INTELLIGENT Defense zone:** If the detector in the Defense zone is triggered only once, it will not immediately alarm. But if being triggered once again within 30 seconds after the first triggering, it will alarm immediately.

**EMERGENCY Defense zone:** No matter on arming or disarming status, if detector

Gas Detectors and emergency button, etc.

is triggered it will alert. Usually used in connecting with Smoke Detectors,

**CLOSED Defense zone:** No matter arming or disarming status, detectors will not alert even being triggered.

## System default setting

Operation password	123456	1-8 Zone SMS message content	Zone alarm
1-8 zone type	Normal	Integrate Alarm	Enable
Siren sound	1 minute	GSM module	Enable
Delay ARM	0 s	Audible confirmation for remote operation	Enable
SMS message	Enable	Delay alarming	0s
1-8 zone alarming	Siren sound		

Fitting parameters:

### 2 Fitting parameters:

Input voltage: DC5V

Standby currents: <25mA

Alarm current: <450mA

Wireless frequency : 433MHz ,2262/1.5-4.7M, HS1527/220K

GSM frequency : GSM850/900/1800/1900MHz

Back-up battery: Lithium Battery 3.7V/500mA

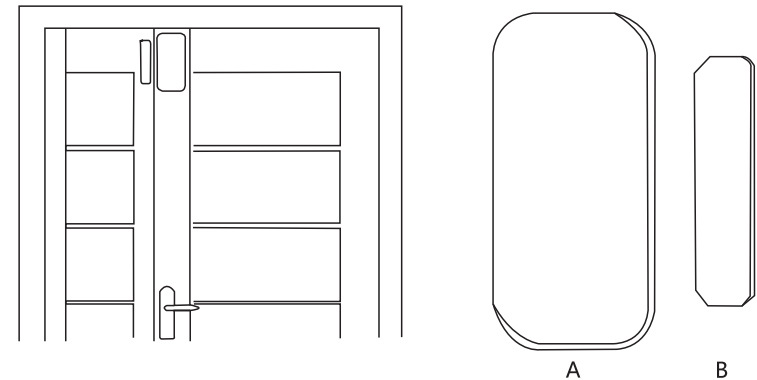
Alarm loudness: 80dB

Detailed parameters: Panel is compatible with Code PT2262, PT2240 and HS1527.

If sensor is PT2262 encoding, the resistance must be 1.5M-4.7M; If sensor is HS1527 encoding, the resistance must be 220K.

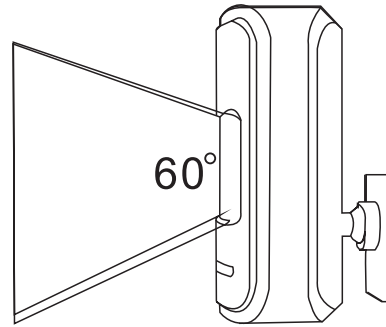
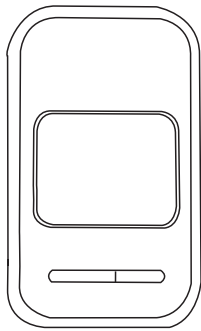
## 5. Installation of sensors

### 5.1, Installing Door or Window Sensor



- Firstly, user should clean the door/window surface before the door/window sensor locate.
- Every door sensor include sensor (A as in diagram) and magnet (B as in diagram). B must be the right hand side. (A and B, one on fixed door frame, another one on movable door.)
- A and B must aline, the distance between A and B shorter than 1 cm.
- Before installation, please use B to trigger A. (Trigger the LED light side, wrong side will not react. )
- The light lit for one second, means normal. In case the door sensor is battery low, the indicator will keep lit as a low-voltage notification.
- A, B can also be reinforced with screws, (A, bottom out, then screw in the bottom, buckle the cover to the bottom, B can be directly fixed on the screw back.)

### 5.2 Installing PIR Motion Sensor



### Notice:

- 1, Before use, make sure the PIR is powered ON.
- 2, Installation height is about 2.2 meters above ground
- 3, PIR should face the detected area for best coverage.
- 4, PIR should face perpendicularly to the moving of people.

### Installation:

- 1, Reinforce bracket on the wall with screws.
- 2, Install the connector stick into PIR.
- 3, Press the ball head of the sticker into bracket.
- 4, Adjust the installation angle.

### Attention:

1. In detection coverage, no obstacle.
2. Only 1 PIR in the same detection area.
3. Not face to window, cooling or warming machines, or other appliances that cause the temperature change sharply.

4. PIR need 5 minutes to adapt to environment before working.
5. Indoor use.
6. When intruder is detected, PIR will take seconds to confirm detection, then transmitter signal to avoid fault alarm and missed alarm.

### Troubleshooting

Troubleshooting	Reasons	Methods
1.No dial for alarm	<ol style="list-style-type: none"> <li>1. no arming</li> <li>2. alerting phone unsetting</li> <li>3. parts improperly installed, distance too far away</li> <li>4. code no match</li> </ol>	<ol style="list-style-type: none"> <li>1. do arming operation</li> <li>2. re-set according to the specification</li> <li>3. coordinating the location of parts</li> <li>4. re-coding</li> </ol>
2. Host don't read SIM card or GSM alarm don't dial the phone or don't text messages	<ol style="list-style-type: none"> <li>1. SIM card unloaded</li> <li>2. SIM card is setting PIN code</li> <li>3. GSM signal weak</li> <li>4. the SIM card copper-sheet have scratch</li> <li>5. does not have a voice alarm number</li> <li>6. did not set text messages receiving alarm number</li> <li>7. mobile phone card balances have insufficient or validity</li> <li>8. no open SMS messages function</li> </ol>	<ol style="list-style-type: none"> <li>1. load SIM card</li> <li>2. cancel PIN code</li> <li>3. change to place with strong signal or adding outdoor wire</li> <li>4. change other normal SIM card</li> <li>5. set the first group voice alarm number</li> <li>6. set the first group of text messages receiving alarm number</li> <li>7. mobile phone card prepaid phone call charges</li> <li>8. open SMS messages function</li> </ol>
3.Can't long-distance operate	password input wrongly	password input or changed to new password Or forced always clear factory set back
4. no ISD recorded voice prompt when alerting	ISD Voice prompt un-recorded	Record it again according to user manual
5. remote controller no work	<ol style="list-style-type: none"> <li>1. coding unmatched with the host</li> <li>2. insufficient power</li> <li>3. battery pieces poor contact or corroded</li> <li>4. unmatched with host</li> </ol>	<ol style="list-style-type: none"> <li>1. re-coding</li> <li>2. change battery in the same type</li> <li>3. eliminating the dirt on the pieces caused by corrosion</li> <li>4. contact the local dealer to change the matched remote controller</li> </ol>
6. infrared detector out of order	<ol style="list-style-type: none"> <li>1. coding unmatched with the host</li> <li>2. insufficient power</li> <li>3. battery pieces poor contact or corroded</li> <li>4. unmatched with host</li> </ol>	<ol style="list-style-type: none"> <li>1. re-coding</li> <li>2. change battery in the same type</li> <li>3. eliminating the dirt on the pieces caused by corrosion</li> <li>4. contact the local dealer to change the matched remote controller</li> </ol>
7. Inner siren without sound	Siren closed	Siren on
8. The transmitter distance for host is shortened	<ol style="list-style-type: none"> <li>1.a nearby emitter is sending code</li> <li>2. host receiver stoppage</li> <li>3.standby battery of the host insufficient</li> </ol>	<ol style="list-style-type: none"> <li>1.find the interfering source and eliminate it</li> <li>2.post back to the factory for amendment</li> <li>3.check host power whether plugged well</li> </ol>
11. Host no voice	Shut down voice prompt functions	Open voice prompt functions

Illegal Armed Function (0 means disable, 1 means enable. Default is disable)

User can not Arm the systems if door sensor is not closed when this function is enable.(If user install door sensor on windows and doors, he can not arm system if the windows and doors is not well closed.)

Enable this function by two ways:

From Keyboard: #851#

From Call: press 851# after input the password.

Disable this function by two ways:

From Keyboard: #850#

From Call: Press 850# after input the password.