



GSM Alarm System

User Manual

Chapter 1 Introduction

1.1 System Introduction

The product is a voice GSM home / commercial burglar alarm system, combined with advanced GSM digital signal processing technology and GSM wireless mobile intelligent control function. It is highly integrated with digital voice, wireless coding, remote control of home appliances, SMS recognition and other technologies. When the system alarms, it can send messages & alarm with voice prompt. Stable, reliable, safe, and user-friendly manipulation. The six LED lights on the host can indicate the alarm zones. Can connect with PIR, door contacts, smoke detectors, gas detectors, emergency buttons and other accessories. Widely used in houses, factories, schools, shops, stores, offices, villas, etc.

1.2 Features

- Strong GSM wireless signal & voice prompts, easy to operate.
- The host has 6 zones, 4 zones wireless/wired optional, 2 zones wireless only. There are 5 types optional in each zone, normal zone, stay zone, intelligent zone, emergency zone and closed zone.
- Two groups of auto arm/disarm settings available; each group can choose activated days of a week to realize the intelligent automatic control.
- With GPRS networking function, the host state can be uploaded to the networking alarm center; the host can also be controlled through APP.
- It can be connected with a large-scale center machine and is compatible with the international contact ID protocol for alarm networking.
- The password is divided into the system password and the user password. Enter the system password to use all the functions of the host. Enter the user password to use the functions except system settings.
- Phone (cell phone) or SMS can remote control system settings of hosts.
- The host can be set and controlled by APP, supporting IOS/Android.
- 6 groups of phone alarm phone number, 3 groups of SMS alarm number. External AC power outage information will be informed to 9 groups of number.
- 10 seconds customized automatic message recording can be heard in the phone when there is alarm. Together with built-in artificial voice, the user can know the location and the zone no..
- With remote monitoring & propaganda function, users can change arm/disarm state of the host by remote calls or text messages.
- A group of wireless signal linkage alarm output to remote control
- Using quad-band GSM / GPRS module.

- A group of wired alarm signal linkage, users can customize the output mode to remote control them.
- Users can remote control 5 smart sockets via phone calls or SMS.
- Wireless accessories adding & fast and easy code matching, the host is compatible with 1527 and millions of groups coding. It can add 50 remote controls and 50 detectors.
- Built-in rechargeable high-capacity battery as standby battery when power off. After power failure the host will automatically alarm .

Chapter 2 Instruction

2.1 Arm

Arm state is used when users want to activate all detectors, for example users go out from home. When there is anything (theft, fire, gas leaks, etc) that activate detectors, the system will immediately alarm. Short press **[⏏]** on the back of the host to switch the state among arm, stay home, and disarm. In arm state, the light of arm state will be long lit.

Remote control operation: press [arm] of the remote control once.

2.2 Stay Home

Stay Home is used when users want to activate part of detectors, for example, when the user is at home, he/she wants to activate the sensors outdoors, but to deactivate the sensors indoors. In this situation, users can change the state to stay home to activate indoor sensors and deactivate outdoor sensors.

Stay Home function needs to be set. Users need to set the zone type of indoor sensors to stay zone to use this function. Press **[⏏]** on the back of the host to change the state. When the host is in stay home state, the light of arm state will flash.

Remote control operation: press [stay home] of the remote control once.

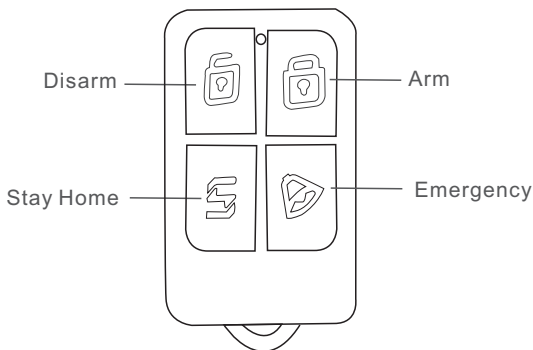
2.3 Disarm

Disarm is used to stop the alarm or make the host in non-alert state. Trigger detectors in disarm state, the host won't alarm (except the detectors in emergency zone and emergency button on remote controls). Press **[⏏]** on the back of the host to disarm the host. When the host is in disarm state, the light of arm state will extinguish.

Remote control operation: press [disarm] of the remote control once.

2.4 Emergency

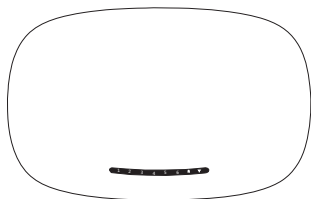
When an emergency occurs, press the emergency key on the remote control to make the host alarm.



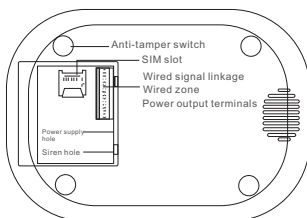
2.5 Installation

The host should be installed in the center of the monitoring area to achieve the best receiving signal range of all wireless detectors. Avoid installing the host near large metal objects, household appliances with high frequency interference, barriers such as reinforced concrete walls and fire doors.

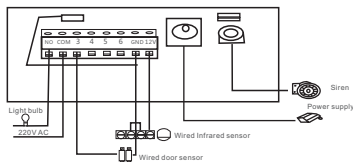
Host front view:



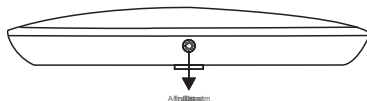
Host back view:



Host back view:



Host side view:



2.6 Prompt

Function	Prompt	Explanation
Built-in speaker	"Beep" once	Key pressing prompt/adding same remote controls or detectors again/quit the adding state
	"Beep" twice	Add accessories successfully
	"Dong" once	Mistake
	Voice prompt	Voice prompts for each function and status
Arm light	Long lit	The host is in away arm state or recording state
	Fast flash	The host is in stay home state
	Slow flash	The host is in delay arm state
	Extinguish	The host is in disarm state
Zone light	Lights of six zones stay lit	The host is in remote control adding state or in the selection state of siren in 0 zone
	Light of a zone stay lit	The zone alarms or enter a signal selection state
	Light of a zone flashes	The zone is in delay alarm state
GSM signal light	Flash every second	GSM signal is weak or without SIM card insertion
	Flash every 3 seconds	GSM signal and SIM card work normally
	Fast flashing	GPRS network is normal working state

3.1 First Power On

According to the installation method, insert SIM card into SIM card slot on the back of the host. Then plug the adapter output into the power hole or long press **[💡]** on the side of the host. The host will appear voice prompt "Welcome"; then the host begins to search GSM network with GSM signal light flashing every second. When GSM network is normal, GSM signal light flashes every 3 seconds to prompt that GSM network and SIM card work normally. If the GSM signal light is blinking constantly, it means there is no SIM card or SIM card doesn't work.

3.2 Alarm Message Recording

When the host dials the preset number during alarm, it will play the prerecorded sound recording. The method to set the recording: long press **[⚙️]** for 3 seconds, the host will beep once, and the arm indicator light will be on; there will be the voice prompting "recording", then users can record their voice. Recording should be concise, such as "This is XXX, my house was illegally intruded, please help." The host will automatically record for 10 seconds and then will automatically quit the recording state. Short press **[⚙️]** to quit the recording state in advance.

3.3 Add Remote Controls

Short press **[⚙️]**, when the indicator lights of six zone stay lit with voice prompt "add remote control", the host has entered the adding state of remote controls.

Trigger remote controls. If the host beeps twice with voice prompt "add successfully", remote controls are added successfully; if the host beeps once, the remote control has been added to the host before. When in adding state, short press **[💡]** to go back, and short press **[🔒]** to quit the adding state (all indicator lights extinguish). The host can add 50 remote controls at most.

3.4 Delete Remote Controls

Short press **[⚙️]**, when the indicator lights of six zone stay lit with voice prompt "add remote control", the host has entered the adding state of remote controls. Long press **[⚙️]** for 3s, after the host beeps twice and all the indicator lights extinguish, all the remote controls are deleted.

3.5 Add Detectors

Short press **[⚙️]**, indicator lights of six zones will stay lit to prompt that the host enters remote control adding state. Press **[⚙️]** again, the indicator light of zone 1 will be lit to prompt that the host enters the adding state of zone 1. Then trigger detectors, if the host beeps twice with the voice prompt "add successfully", the detector has been added into zone 1 successfully; if the host beeps once, the detector has already been added into the host before. Then short press **[⚙️]** once to enter the adding state of zone 2 with the lightened zone 2 indicator light. Short press **[⚙️]** to enter the adding state of zone 3,4,5,6. When the host is in the adding state of zone 6, short press **[⚙️]**, the host will beep twice and all the indicator light will extinguish, which means the host has exited the adding state.

Note: When in adding state, press **[💡]** to go back, and press **[🔒]** to quit the adding state. If a zone is in adding state, its indicator light will be lit. The host can add 50 detectors at most. 50 detectors can be added to the same zone or six zones separately.

3.6 Delete Detectors

Delete detectors in zone 1: short press **[⚙️]** twice, the indicator light of zone 1 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 1 are deleted.

Delete detectors in zone 2: short press **[⚙️]** 3 times, the indicator light of zone 2 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 2 are deleted.

Delete detectors in zone 3: short press **[⚙️]** 4 times, the indicator light of zone 3 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 3 are deleted.

Delete detectors in zone 4: short press **[⚙️]** 5 times, the indicator light of zone 4 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 4 are deleted.

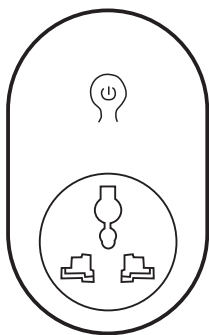
Delete detectors in zone 5: short press **[⚙️]** 6 times, the indicator light of zone 5 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 5 are deleted.

Delete detectors in zone 6: short press **[⚙️]** 7 times, the indicator light of zone 6 will be on. Long press **[⚙️]** for 3s, when the host beeps twice, all the detectors in zone 6 are deleted.

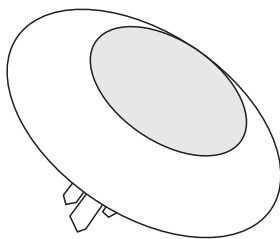
3.7 Program Wireless Strobe Siren, Smart Socket and Alarm Linkage Switch

Short press **[💡]** to enter signal transmitting state. Short press **[⚙️]** to transmit signals, and short press **[🔒]** to quit the state. When the host is in signal transmitting state, there are 7 kinds of signal can be selected:

Zone 0	Wireless strobe siren signal
Zone 1-5	Smart socket signal
Zone 6	Alarm linkage signal



Smart socket



Strobe siren




3.7.1 Program Siren



1. Long press **[SET]** on the siren for 3 seconds.
 2. Short press **[💡]** on the host. All lights will be on at the same time with voice prompt "0", showing signal 0 is in control.
 3. Short press **[⚙️]** on the host. The host will send a signal to the siren. If programmed successfully, the host will beep twice.
 4. Short press **[SET]** on the siren to exit the programming status.
- After programming, short press **[⚙️]** on the host to activate the siren with voice prompt "0 on". Short press it again to inactivate it with voice prompt "0 off"

Corresponding reaction of the siren to the host:




Host	Siren
Alarm	Alarm
Arm	Beep once
Disarm	Beep twice


3.7.2 Program Smart Socket

1. Long press the smart socket for 5 seconds
2. Short press  on the host. All lights will be on at the same time with voice prompt "0", showing signal 0 is in control. Short press  again to control signal 1. Zone1 indicator light will be on with voice prompt "1".
3. Short press  on the host to send a signal. If programmed successfully, the light of smart socket will flash once.

When the host is in signal control status, short press  to switch on or off of the smart socket. For example, signal 3 is in control. Short press  to switch on/ off the socket with voice prompt "3 on/ off". When the signal is not in control, the socket cannot be controlled by any button (except SMS settings).

3.7.3 Program Wireless Alarm Linkage Relay

1. Make signal 1 in control.
2. Short press  five times to control signal 6.
3. Short press  to send a signal. If programmed successfully, the light of wireless alarm linkage relay will flash once. Short press  then to exit status of sending signals and the host will beep twice with all lights off (For details, please refer to the manual of smart socket).

When signal 6 is in control, short press  to close the relay with voice prompt "6 on"; short press it again to open it with voice prompt "6 off".

When the host raises the alarm, the wireless alarm linkage relay in Zone 6 will close automatically. And it will be opened when the host disarms.

Notice: 1-6 groups all are smart sockets. The sixth group is the wireless alarm linkage relay as well. It will close or open automatically along with the status of alarm. 1-5 groups of smart sockets are switched on/ off manually.

3.8 Command List for Remote Setting by Phone

Remote setting by phone is available.

For example, changing the voice alarm number of the first group to 13899998888 by method below:

1. Call the host's number.
2. Enter the system password (factory default is 123456).
3. Input "#" and the host will speak "Set", showing the remote setting is available.
4. Input "8113899998888#" and then set the host according to the command list below.
5. Press "*" to exit.

1. Set a voice alarm number	<p>[1-6] refer to the first group to the sixth group of voice alarm numbers.</p> <p>Method:</p> <ol style="list-style-type: none"> 1. Call the host's number. 2. Enter the system password (factory default is 123456). 3. Input "#" and the host will speak "Set", showing the remote setting is available. 4. Input "8113812345678#". If set successfully, the host will speak "Set successfully". 5. Press "*" to exit. <p>Notice: When user input a number for remote setting, the host will speak the number. If it speaks incorrectly, the setting is incorrect. In the case of an extension number, number input step should be "8113812345678 + * + extension number". One * means 1 second interval while two * means 2 seconds interval.</p>
<p>Steps: [8] + [1-6] + [number] + [#]</p>	
2. Delete a voice alarm number	<p>Example: delete the first group of voice alarm number</p> <p>Method: Call, enter remote setting status, then input "81 #".</p>
<p>Steps: [8] + [1-6] + [#]</p>	
3. Set a SMS alarm number	<p>The host will send messages to the three groups of SMS alarm numbers.</p> <p>Example: set 13812345678 as the first group SMS alarm number.</p> <p>Method: Call, enter remote setting status, then input "9113812345678 #".</p>
<p>Steps: [9] + [1-3] + [number] + [#]</p>	
4. Delete a SMS alarm number	<p>Example: delete the first group SMS alarm number.</p> <p>Method: Call, enter remote setting status, then input "91#".</p>
<p>Steps: [9] + [1-3] + [#]</p>	

5. Set a CID number	<p>When an alarm occurs, the host will dial the CID number first and upload the alarm zone information to the center alarm receiver, which is compatible with Contact ID communication protocol.</p> <p>Example: set 075588556688 as the first group of CID number.</p> <p>Method: Call, enter remote setting status, then input "94075588556688#".</p> <p>Notice: After setting the CID number, a CID four-digit center account needs be set. When there is no connection with the center alarm receiver, CID number cannot be set.</p>
Steps: 【9】 + 【4-5】 + 【number】 + 【#】	
6. Delete a CID number	<p>Example: delete the first group of CID number.</p> <p>Method: Call, enter remote setting status, then input "94#".</p>
Steps: 【9】 + 【4-5】 + 【#】	
7. Change system password	<p>Factory default password is 123456.</p> <p>Example: set "654321" as new system password.</p> <p>Method: Call, enter remote setting status, then input "5654321#".</p>
Steps: 【5】 + 【6 digits new password】 + 【#】	
8. Set user password	<p>User password is set to limit the access of others. Factory default is 000000.</p> <p>Example: set "666666" as new system password.</p> <p>Method: Call, enter remote setting status, then input "51666666#".</p>
Steps: 【51】 + 【6 digits new password】 + 【#】	
9. Set delay arm period	<p>0-255 seconds optional. Factory default is 000 seconds, namely armed without delay.</p> <p>Example: set the arming delay period to 60 seconds.</p> <p>Method: Call, enter remote setting status, then input "61060#".</p>
Steps: 【61】 + 【000-255】 + 【#】	
10. Set alarm delay period	<p>0-255 seconds optional. Factory default is 000 seconds, namely alarm without delay.</p> <p>Example: set the alarm delay period to 60 seconds.</p> <p>Method: Call, enter remote setting status, then input "62060#".</p>
Steps: 【62】 + 【000-255】 + 【#】	
11. Set alarm period	<p>0-20 minutes optional. Factory default is 1 minute.</p> <p>Example: set the alarm period to 5 minutes.</p> <p>Method: Call, enter remote setting status, then input "5305#".</p>
Steps: 【53】 + 【00-20】 + 【#】	

12. Switch on/off alarm linkage	"1" means the relay is linked to alarm while "0" means not. Factory default is 1. Example: , switch alarm linkage off. Method: Call, enter remote setting status, then input "110#".
Steps: 【11】 + 【0/1】 + 【#】	
13. Switch on/off SMS reply	When sending SMS to set, the host can reply to display settings. "1" means SMS reply function active while 0 means inactive. Factory default is 1. Example: inactivate SMS reply. Method: Call, enter remote setting status, then input "120#".
Steps: 【12】 + 【0/1】 + 【#】	
14. Switch on/off siren sound linkage	1 means on and 0 means off, the default is on. Example: Set host without sound when operated by remote control . Method: Call, enter remote setting status, then input "550#"
Steps: 【55】 + 【0/1】 + 【#】	
15. Set date/time	Example: Set data to 9:00:00 am, 25th, December, 2016 Method: Call, enter remote setting status, then input "4161225090000#"
Steps : 【4】 + 【00-99 2 digits for year】 + 【01-12 month】 + 【01-31 data】 + 【00-23 hour】 + 【00-59 minute】 + 【00-59 second】 + 【#】	
16. Scheduled arm and disarm	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, enter remote setting status, then input " 712200070012345#" Notice: Set the scheduled arm and disarm time to 24:00 will close the scheduled arm and disarm.
Steps: 【7】 + 【1-2】 + 【AAAA arming time】 + 【BBBB disarming time】 + 【Day of week】 + 【#】	
17. Set the type of defense zone	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 HOME 3.INTELLIGENT 4.EMERGENCY 5.CLOSED The last 【0/1】 , 0 means siren of host 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, enter remote setting status, then input " 600220#"
Steps: 【 60 】 + 【01-06 zone number】 + 【 1-5 Type 】 + 【 0/1 】 + 【 # 】	

18. Set ringing times for remote control	System default is 1, 00 means closed remote control by calling. Example: Set the ringing time to 3 times. Method: Call, enter remote setting status, then input "1803#"
Steps: 【18】+【00-20】+【#】	
19. Set zone event codes of alarm center	The 6 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, enter remote setting status, input "6402110#"
Steps: 【64】+【1-6】+【code】+【#】	
20. Set report of arm/disarm to alarm center	Defaults as no report to the alarm center 1. stay home 2. disarm 3. arm/disarm/stay home 4. No report to the alarm center Example: report the arm/disarm/stay home to alarm center Method: Call, enter remote setting status, then input "653#"
Steps: 【65】+【1-4】+【#】	
21. Set CID user code	CID user coder is indicate four number, 0000-9999. Defaults is 0000 Example: set the CID user code to 1234 Method: Call, enter remote setting status, input "661234#"
Steps: 【66】+【0000-9999】+【#】	
22. System voice volume adjustment	Set the voice volume adjustment, 1-7 voice level, 1 is minimum, 7 is maximum, default is 5. Example: set the voice volume to 7 Method: Call, enter remote setting status, input "797#"
Steps: 【79】+【1-7】+【#】	
23. Illegal arm	To test whether the door contact detector is armed. 0 for inactive, 1 for active. When illegal armed, the host will speak "xxx zone inactive" if the door contact in that zone is inactive, namely separated. Example: activate illegal arm function Method 1: Call, input "#", then input "771#", then input "*" to exit Method 2: Call, enter remote setting status, input "771#"
Steps: 【77】+【0/1】+【#】	
24. Set the internal siren alarm volume	0 for no siren, 7 for maximum siren sound, default is 5 Example: set the siren sound to 7 Method: Call, enter remote setting status, input "877#"
Steps: 【87】+【0-7】+【#】	

25. On/Off AC power cut alarm	0 for turn off voice prompt, 1 for only SMS alert the AC power off, 2 for dial phone number, 3 for dial and siren on.4 for dial and turn on 8th smart socket, 5 for dial, siren on, turn on 8th smart socket. Default is 1. Example: user need dial the phone number,siren on after AC power off Method: Call, enter remote setting status, input "893#" Notice: set 1-5,the host will sent the SMS"AC power off"to the phone number. Set 0, no hint SMS.
Steps: 【89】 + 【0-5】 + 【#】	
26. On/off of voice prompt	0 for turn off voice prompt, 1 for turn on, defaults as on. Example: turn off prompt voice Method: Call, enter remote setting status, then input "210#"
Steps: 【21】 + 【0/1】 + 【#】	
27. On/off of message function	0 for turn off message function, 1 for turn on, defaults as on. Example: turn off message function Method: Call, enter remote setting status, then input "220#"
Steps: 【22】 + 【0/1】 + 【#】	
28. On/off of arm/disarm alert message function	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, enter remote setting status, then input "231#" Notice: the arm/disarm alert message only sent the first group phone number.
Steps: 【23】 + 【0/1】 + 【#】	
29. Choose scheduled disarm/ scheduled stay home	0 for scheduled disarm , 1 for scheduled stay home, defaults as 0. Example: choose one group to scheduled stay home Method: Call, enter remote setting status, then input "2411#"
Steps: 【24】 + 【1-2】 + 【0/1】 + 【#】	
30. Restore factory setting	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, enter remote setting status, then input "130000#"
Steps: 【13】 + 【0000】 + 【#】	
31. Total System Reset	Method: Disconnect power to the alarm host, turned off the battery switch alarm host, then press and hold the alarm host of SET button while power-on. All programmed accessories are deleted. The default password is 123456.
Steps: Press and hold the 【SET】 button on and power on.	

32. Set the external siren alarm volume	00 for no siren, 99 for maximum siren sound, default is 99 Example: set the siren sound to 99 Method: Call, enter remote setting status, then input "6399#"
Steps: 【63】+【00-99】+【#】	
33. Wired zone alarm setting	03-06 zones are wired zones, their factory defaulted alarm setting is NO. 0/1: 0 for NO (short circuit alarm), 1 for NC (open circuit alarm). Example: set zone 3 alarm type to NC. Method: Call, enter remote setting status, then input "88031#"
Steps: 【88】+【03-06】+【0/1】+【#】	

3.9 SMS Command

The command message will be sent to the alarm system host first, the alarm system host will reply the tip or format message, then user will command the message based on the formats. User can also send SMS as format to set alarm host directly.

If the phone number is set in alarm host SMS number, user just need to send command. If the phone number is not set in alarm host SMS number, user must need add password before command. (default password is 123456). If no idea about command, user can send " ? " or " ? ? " to get command. For example: how to set alarm number as 13899998888 in first group voice alarm number.

Edit SMS "12345681" and send to SIM card in alarm host. (123456 is default system, 81 is the group 1 command). Alarm host will reply "123456 group 1 phone number:". Forward and edit "123456 group 1 phone number:13899998888" to SIM card in alarm host. Alarm host will reply back "123456 group 1 phone number:13899998888", which means the group 1 phone number is set successfully as 13899998888.

Or user can send SMS "123456 group 1 phone number : 13899998888" into SIM card in alarm host. After Alarm host replies back "123456 group 1 phone number:13899998888", which means the group 1 phone number is set successfully as 13899998888.

Suppose password is 123456, then what alarm host gets or replies is as below:

SMS content	What Alarm host replies
?	Edit system password+? or ?? to host to get help info For example:123456? password before command For example:1234560
123456	0 Disarm 1 Arm 2 Stay 3 Call back 4 Time 5 Password 6 Delay
123456??	7+(1~2) Timing 8+(1~6) Phone number 9+(1~3) SMS number 9+(4~5) Central number 10+(1~6) Zone SMS
123456???	11Alarm Linkage 12SMS reply 13+(1~5)smart socket
1234560	Disarm set successfully
1234561	Arm set successfully
1234562	Stay home set successfully
1234563	System automatically calls back, press the call key to start two-way intercom function

1234564	123456 system time 2017-12-01 10:00:00	Forward - edit	123456 system time 2017-12-25 09:00:00	If SMS reply function is on, the alarm host will reply back the SMS yo just forward and edited when set success fully
1234565	123456 system password:123456	Forward - edit	123456system password:654321	
1234566	123456 delay setting Delay Arm:000 second (0-255) Delay alarm:000 second (0-255	Forward - edit	123456 Delay setting Delay arm:030s (0- 255) Delay alarm,:000s (0- 255)	
12345671	123456 group 1 timing Arm:24:00 Disarm:24:00 Week:1234567	Forward - edit	123456 group 1 timing Arm:22:00 Disarm:07:00 Week:12345	
12345681	123456 group 1 phone number	Forward - edit	123456 group 1 phone number:138123456 78	
12345691	123456group 1 SMS number :	Forward - edit	123456 group SMS number:138123456 78	
12345694	123456 group 1 central number	Forward - edit	123456 group 1 central number:138123456 78	
12346101	123456 Zone SMS Zone 1: 01 Zone alarm!	Forward - edit	123456 zone SMS Zone 1 : front door is open	
12345611	123456 Alarm linkage: on	Forward - edit	123456 Alarm linkage: off	
12345612	123456 SMS reply: on	Forward - edit	123456 SMS reply: on	network setting
123456131	123456 smart socket1: close	Forward - edit	123456 smart socket1: close	
12345614	123456 Access point:CMNET,server:, Point:6501,	Forward - edit	123456 Access point:CMNET,server:12 1.45.14.7, Point:6501, 123456 Access point:CMNET,server:ww w.sacrun.com, Point:6501,	
12345618	123456 user ID: 123456	Forward - edit	123456 user ID:001234	

Note: Above "123456" is system password. After password is reset, please use new password as

Chapter 4 APP

The control host can operate remotely by APP. For IOS, it will jump into SMS interface while operation. However, Android system will not jump but will send SMS under backstage.

4.1 Download and Installation

Scan the QR Code, or you can download G1 alarm host in App store and Google play.



IOS



Android

4.2 Add System Account

This step can combine phone App with alarm host. 1 phone can be added more than 1 pcs alarm host.

Method: Click G1 alarm host app and enter account management page, then click **⊕** to add new account and register: Enter alarm host number, user name and account password. At last click **【Registration】** to finish this step. Among them, alarm host number is SIM card number in alarm host; account name is random but account password is system default, that is 123456.

4.3 Operation

After adding account, account name will be showed in home page. Click account name and enter function page, which can set alarm host info. For IOS, click send button on app, it will jump into SMS page to operate, but for Android, it will send SMS but backstage. Alarm host will make a di sound after receiving SMS, which means setting is successful.

For example: setting alarm number, click account name in home page and enter **[alarm number setting]**. There are 6 groups of phone number, user can input alarm number in **[please input group X number]** and click **[setting]**. User can send SMS to SIM card in alarm host to test. If alarm host makes a di sound and also replies SMS to phone, it means the alarm number is added successfully. Click **[Query]** icon, user can check this alarm number. When there is no any number in **[please input group X number]** icon, user can click **[set]** to delete this group.

Note: Click **[≡]** and can change alarm host number, password and set alarm host info.

Chapter 5 Alarm and Remote Control

5.1 Measures after Receiving Alarm

When alarm occurs, the alarm host will automatically call the number that user sets earlier. Alarm host will call to Group 1 to Group 6 alarm number by GSM and send SMS to group 1 to group 3 and alarm host will make sound according to its setting. If phone way is busy or can not be get through, the system will automatically call next phone number. The host will dial the default phone number three times. After receiving the alarm call, users can press the number keys to remote control the host without entering the password:

- | | |
|-----------------------|------------------------|
| [1]Arm | [2]Disarm |
| [3]Turn on monitoring | [4]Turn off monitoring |
| [5]Turn on propaganda | [6]Turn off propaganda |
| [7]Turn on siren | [8]Turn off siren |

Press[9]+[0-6]+[0/1]+# to control siren and 1-6 group smart socket([0/1]—0 stands for off , 1 stands for on)

[*]:quit and hang up, system will not dial next group alarm number. If user does not press"*"or"2" , system will continue to dial next alarm number.

Note: Monitoring time is 20s. If user wants to expand longer, please press 3 while you are monitoring(within 20s). Two-way talking will be realized after you press 3 and 5 as well.

5.2 Remote Control via Phone

User can use cellphone or mobile phone to remotely control alarm host directly by dialing the number of the SIM card in the host. Once you hear prompt voice "please input password " (Default password is 123456, user name is 000000. Please note that the alarm host will be held if you input wrong password for 3 times in a row.) . If input right password, alarm host will make sound "password correct". Then user can press 0-9 which have their respective functions.

- | | |
|-----------------------|------------------------|
| [1]Arm | [2]Disarm |
| [3]Turn on monitoring | [4]Turn off monitoring |
| [5]Turn on propaganda | [6]Turn off propaganda |
| [7]Turn on siren | [8]Turn off siren |

Press[9]+[0-6]+[0/1]+# to control siren and 1-6 group smart socket([0/1]—0 stands for off , 1 stands for on)

[*]: quit and hang up

[#]: Input password, user can press [#] and enter telephone remote control setting system. User can check instruction list and set alarm host. If no any operation within 20s, alarm host will quit and hang up. At this time, enter password, user cannot operate by telephone remote control way.

Note: Monitoring time is 20s. If user wants to expand longer, please press 3 while you are monitoring(within 20s). Two-way talking will be realized after you press 3 and 5 as well.

5.3 Low Battery Alarm

If powered by NI-HI battery, alarm host will make sound "Low battery" when voltage is below certain amount until it power off in 15s. When low battery is detected, alarm host will send SMS "Low battery and power off" to alarm number.

Chapter 6 Zone Types

The alarm host has 6 zones. Each zone have 5 types: normal, stay home, intelligent, emergency, closed.

- 1.Normal** : Only work when alarm host is under arm state or stay home state
- 2.Stay home** : When alarm host enters home stay state (controlled by home stay key in remote controller), there is no alarm when detector in home stay zone is triggered.

(For example, on user installed two different accessories, door contact in zone 1 and PIR detector in zone 2 (home stay zone). User walk around in his home while he make the alarm host into home stay state by remote controller.) However, there is no any alarm sound even the PIR detector is triggered. But when door contact in zone 1 gets separately, the alarm host will alarm immediately

3. Intelligent Zone : It won't alarm when detector in the zone is triggered once. However, it will alarm when its triggered again in 30s after its first trigger.

4. Emergency Zone : No matter its armed or disarmed, alarm host will alarm as long as detectors are triggered. Normally its used for smoke detector and also panic button.

5. Closed Zone : No matter it is armed or disarmed, there is no alarm sound while detector is triggered.

Default setting:

Operate password	123456	1-6 Zone SMS	1-6 Zone alarm
1-6 zone type	Normal	Alarm linkage	On
Alarm length	1m	Remote alarm sound	On
Delay arm	0s	Delay alarm	0s
SMS	on		
1-6 Zone alarm	Siren		

Chapter 7 Technical Parameters

Input voltage : DC12V

Standby current : < 25mA

Alarm current : < 450mA

Wireless frequency : 433MHZ

GSM :850/900/1800/1900MHz

Backup battery : Rechargeable NI-HI AAA*6 DC7.2V

Built-in siren:80dB

External siren:120dB

Chapter 8 Troubleshooting

Troubles	Reasons	Way to solve
Telephone alarm failure	1. Not set arm 2. Not set alarm number 3. Improper assembly, long distance 4. Code mismatching	1. Set arm 2. Set again followed by manual 3. Adjust component places 4. Recode
Host can't read SIM card or not dial and text to preset alarm number	1. No SIM card 2. SIM card set PIN code 3. Poor GSM signal 4. Copper on SIM card scratched 5. Not set Alarm phone number 6. Not set SMS alarm number 7. No balance or out of date 8. No SMS function	1. Insert SIM card 2. Cancel PIN code 3. Change to a strong signal place 4. Change to a normal SIM card 5. Set alarm phone number 6. Set alarm SMS number 7. Charge phone number 8. Open SMS function
Remote control failure	Incorrect password	1. Input password or change a new one or reset 2. What you input is user name not password
No recording voice when alarms	Alarm recording file is not recorded	Record alarm file followed manual
Remote controller failure	1. Not code with alarm host 2. Low battery 3. Battery shrapnel loose or corrosion 4. Not match with alarm host	1. Recode 2. Change battery 3. Clean shrapnel 4. Replace remote controller
Infrared detector failure	1. Not code with alarm host 2. Low battery 3. Battery shrapnel loose or corrosion 4. Not match with alarm host	1. Recode 2. Change battery 3. Clean shrapnel 4. Replace infrared detector
Built-in siren no sound	Built-in siren off	Turn on siren
The distance between alarm system and accessories is short	1. Disturbing by a nearby transmitter 2. Alarm host receiving part failure 3. Alarm host backup power is low	1. Eliminate interference sources 2. Send to factory for repairing 3. Check whether host power is plugged well
No voice in alarm host	Turn off voice prompts	Turn on voice prompts



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