KH8808 GSM INTELLIGENT ALARM SYSTEM

User manual

FUNCTIONS:

1) GSM850/900/1800/1900 bands alarm base for the world.
2) It can store 5 group telephone numbers.
3) Onsite voice Monitoring through telephone from long distance
4) Talk to onsite through telephone.
5) Set arm indoor and outdoor, disarm, emergency alarm through remote controllers.
6) Call the system to arm, disarm, monitor scene, setting, etc.
7) Send SMS to arm, disarm, monitor scene, setting, etc.
8) Control the output ports to operate the light and air condition through call and SMS.
9) It has 3 wired input ports; it can check the open circuit, short circuit.
10) It has 16 wireless defense zones to connect with PIR detector, smoke detector, gas detector, panic button and so on.
11) When alarm, it can control reply output in order to control power, video, etc.
12) System has password to make sure the safety.
13) Every wireless zone and wired zone can be arm, disarm separately.
14) Can use the rechargeable batteries.
15) Easy operation. Wireless system.

Sketch Map of the front of panel

Illustration
1) Arm indicator: blink means in arm state, light means in disarm state.
2) Learning lamp: in the first 20 seconds when panel connect power, this lamp light, please learn the remote and sensors.
3) Signal lamp: 20 seconds later, it blinks with learning lamp and arm lamp, searching the signal of GSM network.
4) 5) OUT1, OUT2
6) Talk lamp: light when operate talk function
7) Relay
8) Monitor
9) Siren
10) Power
11) 12) Check buttons
13) MIC
14) Inside siren

15) Talk speaker
16) Antenna

Sketch Map of the back of panel

Illustration

1) SIM card guide: use the needle press yellow point to pick out card guide, put in the SIM card, and then push back.
2) Adaptor jack: 12V/1A adaptor
3) Recharge switch: when install the rechargeable battery, open this switch to recharge for the battery.
4) Reset: press this button, connect power supply, system recover to the initial state, password is 123456, all the detectors learnt are cleared.
5) 6) 7) three wired ports
8)9) output ports to control small appliance.
10) Relay output, it closes 3 minutes when alarm
11) External siren
12) GND: the port to connect with ground
13) +12V power output, it can supply the power of wired sensor.

HOW CAN I START THE BASE

Pick out the SIM card guide and install the SIM card.
Connect the adaptor (12V/1A), or install the back-up battery and open the switch.
Learning lamp light, now, it is the time of learning detectors.
20 seconds later, learning lamp, signal lamp, arm lamp blink slowly, now, system search GSM network signal and check the SIM state.
If system check successfully and the system has stored number inside, then arm lamp blink slowly means the system in arm condition.
If the system check successfully, but the system has not stored number inside, the arm lamp light always means the system is in disarm condition.

HOW CAN I SETUP THE ALARM PHONE NUMBER AND SMS?

1).You can send the message to the base to setup the 5 group alarm phone number and 7 kinds of SMS. The format: password # operation code # content #
e.g.:

123456#51#13005450001#. Save the first group alarm phone number into the base.

123456#52#13005450002#. Save the second group alarm phone number into the base.

123456#53#13005450003#. Save the third group alarm phone number into the base.

123456#54#13005450004#. Save the fourth group alarm phone number into the base.

123456#55#13005450005#. Save the fifth group alarm phone number into the base.

2). Set PSTN monitoring center:

You also can save :phone number＃room No.＃,it will dial the room number when alarming .(For the users whose alarm system is working with monitoring center)

123456 # 71 # 88886666 # 0001 #,show monitoring center:88886666;room No.0001

3).We have fixed 7 kinds of SMS in the base, but you can change it.

The first five messages are for 1-5 zone wireless detectors, the sixth messages are for 6-16 zone wireless detectors, the seventh message are for wired port I1, I2, I3.

The first wireless detectors alarming, the message is: wireless detectors activated (zone 1)

The second wireless detectors alarming, the message is: wireless detectors activated (zone 2)

The third wireless detectors alarming, the message is: wireless detectors activated (zone 3)

The fourth wireless detectors alarming, the message is: wireless detectors activated (zone 4)

The fifth wireless detectors alarming, the message is: wireless detectors activated (zone 5)

The sixth to sixteen wireless detectors alarming, the message is: wireless detectors activated (zone i); i=6-16

The seventh wireless detectors alarming, the message is: wireless detectors activated (zone I); I=1-3, for port 1 to 3 alarm

4). You can send the message to the base to rewrite 7 kinds of SMS; every message cannot be more than 24 English characters.

e.g.:

123456#81# Front door open#. Save the first group message into the base as first Wireless detectors alarming.

123456#82# Middle door open#. Save the second group message into the base as second wireless detectors alarming.

123456#83# Back door open#. Save the third group message into the base as

third wireless detectors alarming.

123456#84# Front window open #.Save the fourth group message into the base as fourth wireless detectors alarming.

123456#85#Back window open#. Save the fifth group message into the base as sixth wireless detectors alarming.

123456#86# Middle window open#. Save the sixth to sixteen group message into the base as sixth wireless detectors alarming.

123456#87# UP floor open#. Save the seventh group message into the base as port 1 to 3 wire detectors alarming.

HOW CAN I TEST THE BASE ALARM OUT?

When you start the base, if the base is in disarm status, you can use remote controller (aim button) or send SMS (123456#1#1#) to change the base into alarm status. When the host is in the arm state, the arm lamp lights, press the A or B of the panel or use the wireless detectors (wireless PIR, wireless door sensor, emergency button of the controller etc.) to activate the host to alarm.

1). When the host open the function of SMS alarm, it can send SMS according to the activated port (wired IN1, IN2, IN3 ports or wireless detectors), then dial the number to alarm. If the SMS function has been closed, then dial the number to alarm indirectly.

2).When there is alarm, you can answer the phone (not need inter password) for listen-in, remote control, press 3#1# to make the base to play the siren and press 3#0#to stop it for monitoring.

3). When there is alarm, you can answer the phone to talk to the onsite (not need inter password), press 93#1# directly to allow the host base issue the voice of the master, press 93#0# close the talk to monitor.

4), When there is alarm, the user answer the phone, if it is not pirate of the situation, press 1#1# to re-turn the base in alarm status. Then the base will not dial next phone number again.

5). When there is alarm, you can use the controller to change the base into disarm status when you are in nearby.

6). In normal use with inside recharger battery, you will receive the message 'external power failure" or "external power recovery" when external power supply lost or recovery.

7) You can control the system remotely through telephone, input password before that.

Note: when operate with mobile phone, please press next button after listen the sound "di". If wrong, press "*" to re-operate.

HOW CAN I CONTROL THE BASE

1. Sending the message to the host phone number (SIM card number), format: password #operate code#. (E.g.: send 123456#51#phone number#. Save the first phone number.) . The host will reply if it receives the message.
2. Calling the host phone number(SIM card number), call in the base and enter password 123456#, after "di" to set the function of the host(it would be auto off if 30 seconds passed the correct password has not input).

The following command to set the base:

Com	Function	Com	Function
1#1#	Outdoor alarm*(all detectors work)	1#2#	Indoor alarm(part detectors work)
1#0#	Disarm *(all detectors not work)		
3#1#	Sounder immediately	3#0#	Stop sounder
4#1#	Start to listen-in(use phone key)*	4#0#	Stop to listen-in (use phone key)
11#1#	Need siren sound when alarming*	11#0#	No siren sound when alarming
12#1#	Sending SMS when alarming*	12#0#	No send SMS when alarming
15#1#	Dial phone number when alarming*	15#0#	Just alarm and no dialing
16#1#	Disable relay close 3 Min when alarm	16#0#	Set relay close 3 Min when alarm*
17#1#	Set PSTN monitoring center avail	17#0#	Set PSTN monitoring center without avail*
18#1#	Dial out when base change to arm status	18#0#	Not dial out when base change to alarm status
19#1#	Dialing when base change to disarm status	19#0#	Not dial out when base change to disarm status*
30##	Show the arm and disarm status of every zone		
31#-#	Change password, enter a new password(1-6 bit)		
38#-#	Set on arm of zone(wireless zone:1-16;wire zone:21-23)		
39#-#	Set disarm of zone(wireless zone:1-16;wire zone:21-23)		
50##	Show preset phone number in the base		
51#-#	First group phone number(0-15 bit)	52#-#	Second group phone number (0-15 bit)
53#-#	Third group phone number(0-15bit)	54#-#	Fourth group phone number(0-15bit)
55#-#	Fifth group phone number(0-15bit)		

70##	Show center phone number, in the base		
71#-#-#	Set PSTN monitoring center phone number, 71# center number #room No.#		
78#-#	Set dial out phone number when you make base change to arm status(this phone do not answer)		
79#-#	Set dial out phone number when you make base change to disarm status(this phone do not answer)		
80##	Show preset SMS in the base		
81#-#	First group message(0-24 bit)	82#-#	Second group message(0-24bit)
83#-#	Third group message(0-24bit)	84#-#	Fourth group message(0-24bit)
85#-#	Fifth group message(0-24bit)	86#-#	Sixth group message(0-24bit)
87#-#	Seventh group message(0-24bit)		
90##	Show output status in the base		
91#1#	Set output 1 change to high	91#0#	Set output 1 change to low
92#1#	Set output 2 change to high	92#0#	Set output 2 change to low
93#1#	Set talk to the base avail(ouput3)	93#0#	Set talk to the base no avail(ouput3)
94#1#	Make two point of relay close	94#0#	Make two point of relay open
95#1#	Set alarm when line input 1 open	95#0#	Set alarm when line input 1 connect to Gnd*
96#1#	Set alarm when line input 2 open	96#0#	Set alarm when line input 2 connect to Gnd*
97#1#	Set alarm when line input 3 open	97#0#	Set alarm when line input 3 connect to Gnd*

NOTE:

1). Above table, "*" stand for approves

2). In the above phone operation, one long beep "di", shows you inter each number is successful, two short beeps shows you inter the sentence is failed, you should try again.

HOW CAN I ADD MORE DETECTORS

You can add new sensors or detectors, such as wireless door sensors, PIR Sensors, gas and smoke detectors into the base.

1) The detectors are all ready on alarm when you set Outdoor alarm or Indoor alarm; when the GSM base start power on, the learning lamp on panel will be bright in 20 seconds, at this time, let the detectors send the signal, make sure the host has one " di" sound.

2) If you want the detectors work when you are out, but not work when you are at home, you can set like this: Power on the host, within 20 seconds (learning lamp lights), press the "RESET" in the back panel, let the detectors send the signal, after "di" sound, learn successfully. If the host has 5 wireless detectors, stands for 1-5 wireless zones, add one more detector, the detector will be the sixth zone.

3) When learn the remote controller, press emergency button

HOW CAN I CANCEL THE LOST DETECTORS?

When wireless detector lost (such as remote controller), you need to cancel the coded information of this detector. The way as follows:
Press reset button, connect power supply, then system reset. After that, all wireless detectors are canceled, the password is 123456, all setting will be fault setting, but the SMS will not be changed. All the detectors should be learnt again, the first one is in zone 1, the second one in zone 2, and so on.

HOW CAN I USE CONTROLLERS

The remote controller has four buttons: outdoor alarm key, disarm key, emergency key, indoor alarm key.

1)When you press the outdoor alarm key, signal lamp, learning lamp and arm lamp will blink slowly together ,after 10 seconds, only the arm lamp blink slowly, means into arm state, the host will alarm If any of the detectors activated.

2) When you press the indoor alarm key, signal lamp, learning lamp and arm lamp will blink quickly together, only the arm lamp blink quickly, means into the arm state, at this time, the detectors learnt as outdoor can alarm, learnt as indoor will not alarm.

3)When press disarm key, arm lamp in the panel lights, at this time the host will not alarm if any of the detectors activated.

4)When press emergency button, no matter the host is in arm or disarm state, will alarm immediately.

SOME TECHNOQUE PAPAMETER
1) Static current: 20mA
2) Power: 9V-12V DC
3) Working temperature: -20℃-+85℃
4) GSM850/900/1800/1900MHz band
5) Receiving code: ASK
6) Frequency: 315/433/868/915MHz
7) Wireless distance: 100M
8) Wireless detectors: 16