

# KH8801 Wireless alarm system

## User manual

The KH8801 microcomputer-control telephone online wireless theft proof annunciate is one of the product of our company, it is not only with fashionable sculpt, but also with high technology and performance in it. it can be used large scale in house, uptown, office area, especially in the storage and home, to protect your treasures and so bring you a safety and comfortable living. with different sensor (infrared sensor, gas sensor, fog sensor ect.),you can prevent your treasures from different accident.

### 1. Specifications

the main

Power: AC220V, DC12V

Power assumption in static state:  $\leq 20$  mA

Receiving frequency: 315 MHz

Inlet number of sensor: 4

Wire inlet number: 2

infrared sensor

Power: DC9V

Power assumption in static state:  $\leq 60$   $\mu$  A

Sensitive scale: distance:10 m, angle: 120°

Emission frequency: 315 MHz

door magnetic switch

Power: DC12V

Power assumption in static state:  $\leq 5$   $\mu$  A

Emission frequency: 315 MHz

remote controller

Power: DC12V

Emission frequency: 315 MHz

### 2. using method

Installation of the main

Set the main unit in a dry and clean place, connect the city telephone net into the city telephone net inlet (LINE1), connect the telephone into the telephone inlet (LINE2).

Installation of the sensor

#### ■ Installation of the infrared sensor

Open the battery case of the infrared sensor, fit the battery correctly, and then switch on the sensor.

Fit the sensor in a proper place where must high above the ground about 2 m, the lens must opposite the site which you will be surveillance. When somebody walk in the site (sensitive area), the sensor will send the signal to the main unit and then the main unit will treat the signal according to your setting.

Attention:

The sensor will be most sensitive when the direction of target moving is across the sensor.

The sensor must far away from heat emission object , for example :electric heater, conditioner, microwave oven ect.

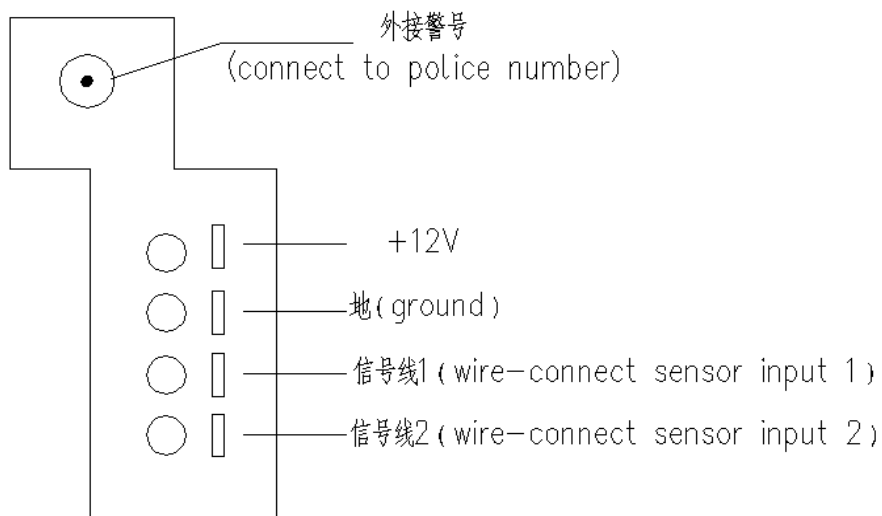
When the sensor switch is on, after 2 minutes unstable time you can set the theft proof in use.

■ Installation of the door magnetic switch

Set the emission unit of the door magnetic switch onto the door (window) frame , set magnet onto the door (window), when the distance between them over 5 mm , the lamp of the door magnetic switch will be light, when the brightness is dim or the valid emission distance become shorter, change the battery.

■ Installation of the wire-connect sensor

There are two input on the main unit, with which you can connect two wire-connect sensors. please see the figure below.



Setting of the telephone number

S-1-\*-group number (1-6)-\*-telephone number-#

For example: set the telephone number876543210 to group 1, you will press below:

S-1-\*-1-\*-876543210-#

Attention:

■When the bit of the telephone number is less 3, the system will not be recognize.

■The symbol “\*” is functioned as interval, you can use it to link telephone number and its extension. every one “\*” will be delay the interval 3 seconds.

For example: when you dial the number,0-12345678, it will be save to group 3 as below.

S-1-\*-3-\*-0\*12345678-#

■When you needn't connect to the police or 110, the 6 group can all be set as announce

■When you need connect to the police or 110, the first group as police number or 110 number ,the sixth as user's code (cant dial), when the sixth group must set as below.

S-1-\*-6-\*-user's code-#

■Delete/modify the telephone number

Reenter once you can delete/modify the telephone number.

Setting of password

The password is “123” when in the factory , for the safety reason , it is suggested that

you reset the password as below:

S-0-\*-new password (1-16bit)-\*-876543210-#

#### Recording of the announcing sound

In the system you can record your own announcing sound with the help of operation below:

Press “S” key at all times, when the main unit sound as “di di” and the recording lamp light up, you can say to the main announcing sound that you want to save, loosen the “S” key or recording time over 12 seconds recording process stop automatically, when the recording lamp will be extinguish. To repeat the above operation you can modify the announcing sound. To listen and confirm the recording results, you can press the key as below:

S-5-\*

#### The operation of every function

##### Set to in announcing state

Press the key “f1” on the remote controller and immediate loosen, the main unit will beep as “di”, the system will be in the grade 1 announcing state (receive all the signal of sensor)

Press the key “ ” on the remote controller over 1 seconds, the main unit will beep as “di”, and then sound “di di”, the system will be in the grade 2 announcing state (can't receive the signal of sensor in the B area)


Attention:

- Press the key “ ” on the main unit the system will all be in the grade 2 announcing state (can't receive the signal of sensor in the B area)


- When in the grade 1 announcing state the indicator will flash 1 time every 2 seconds, and when in the grade 2 announcing state the indicator will flash 2 time every 2 seconds,

- When the setting above finished, only after 8 seconds (you can set the delay time with the help of “parameter set”) the system can response the sensor. When the main unit receive the signal of the sensor, the system will announce to police and repeat dial your telephone number which you set previously.


##### Shut off the announcing state

Press the key “” on the remote controller or on the main unit and immediate loosen, the main unit will sound as “di di di”, the system will shut off the announcing state (can't shut off the signal of fire sensor)

##### Announcing in urgency

Press the key “” on the remote controller or on the main unit and immediate loosen, the system will announcing and repeat dial the telephone number which you set previously.(despite off the state of system)

##### Mute state

When the system is in announcing state, press the key “”, the main unit will sound as “di--- di”, in the state the alarm will shut off, the thief in the site will not know he is detected (can easily catch the thief), when the telephone is not online or break off, the system will cancel the mute state automatically and alarm with three beep.

## The operation when receive announcing

When you receive announcing in telephone, you will first hear the announcing sound that you recorded previously ,you can hear more information with the help of telephone to know where the thief or accident be.

■Press  you can hear in telephone the announcing sound again, before the announcing sound you can hear the beep sound “di”(1-4beep),with the help you can know where the accident is.

“di” thief in the proof area of wire-connected sensor

“di di” thief in the A proof area

“di di di” thief in the B proof area

“di di di di” fire announcing

■Press  ,you can hear the sound of the site (where active sensor installed)for 16 seconds.

■Press  ,you can switch on the alarm of the site, every press you can delay the alarm

■Press  twice(between 2 seconds), you can cancel the alarm of the site and switch off the dial , and then turn to announcing state as previously.

■When you hear the announcing in telephone, and don't answer with any key ,the announcing telephone will shut off after 16 seconds.

Attention:

Before the shut off of announcing telephone, you can do the operation above all the time.

## Remote control

You can remote control the system with the help of online telephone connected to the main unit ,when heard six rings, the telephone is connected the signal, after heard the sound “di”, input the password with you own telephone, for example: 123 and confirmed by press”#”, if you wrong dial the password, after the sound “di di di di di”, you can reenter the password, over 3 times you dial the wrong password , the system shut off automatically. After you correct input of password, the system will sound “di di”, you can then take more operation as below:

Press the key “”on the telephone, the main unit will beep as “di”, the system will be in the grade 1 announcing state (receive all the signal of sensor )

Press the key “”on the telephone, the main unit will sound as “di di”, the system will shut off the announcing state (can't shut off the signal of fire sensor )

Press the key “”on the telephone, the main unit will shut off the mute state.

Press the key “”on the telephone, the main unit will switch on the mute state.

Press the key “”on the telephone, the main unit will switch on the alarm in site (despite if the sensor detected thief).

Press the key “”on the telephone, you can hear the sound of the site (where active sensor installed) for 16 seconds.

Press the key “”on the telephone, you can hear the sound of the announcing sound you recorded for 10 seconds.

Press the key “” twice continuously, the telephone will shut off.

In the process above, if you don't touch any key over 16 seconds, the telephone will

shut off.

Set of the proof area

area	Code(D0-D3, Number10-13 of the IC 2262)
A area	0011
	0101
	0110
	0111
B area	1001
	1010
	1011
	1100
Fire, fog, ect.	1101
	1110
	1111
C area	Wire-connected sensor

Parameter set of the system

function	operation	Pre-set	remark
Alarm or no alarm announcing	S2*1(0 OR 1)#	0(Alarm)	
If need password to shut off the proof	S2*2(0 OR 1)#	0(No password)	
The delay after set proof	S2*3(0 to 9)#	1(1×8 seconds)	0(10×8 seconds)
Announcing time delay	S2*4(0 to 9)#	0(0×8 seconds)	0(never)
Telephone online detection	S2*5(0 or 1)#	1(detect)	0(don't detect)