



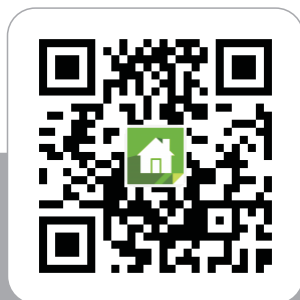
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Android

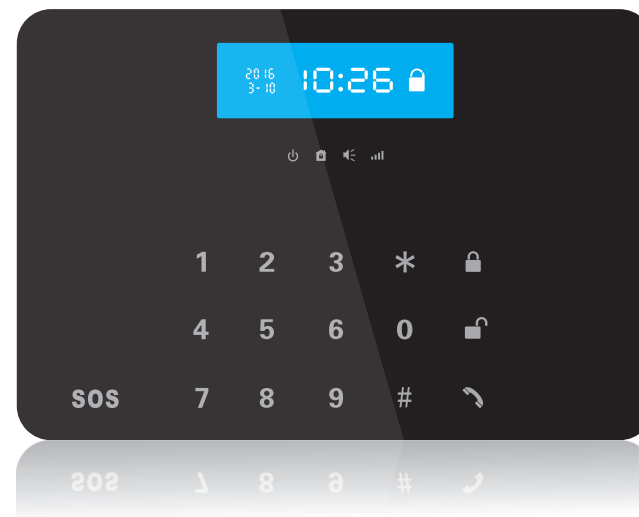


App Store



【User manual】

GSM anti-theft alarm controller



99+8 DEFENSE ZONES

GSM anti-theft alarm controller

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Preface

Thank you for choosing the wireless alarm system product of our company.

Wireless alarm system adopts the most advanced digital sensing and controlling technologies, it is the intelligent alarm control system containing burglar alarm, fire alarm, fire fighting, gas leakage and SOS.

Wireless alarm system uses the most advanced multiple random selection technology, it avoids the problems of interference and alarm missing which usually exist in the similar systems. This system can be used widely in residence, shops, villa, small enterprise and so on.

For your safety, before installing and using, we suggest you read this manual carefully.

Function Introduction

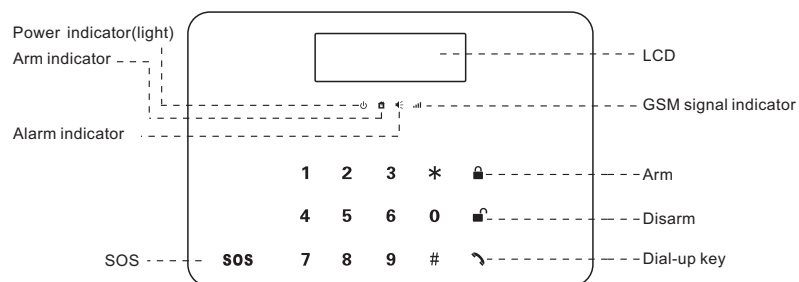
- Apply advanced mobile communication technology, support SMS and dialing alarm, etc.
- 8 wired defense zones and 99 wireless defense zones.
- At most 5 wireless remotes to be coded.
- LCD display. Built-in clock. Operate easily.
- Sound prompt for all operations.
- Live voice installation setting and daily operations are much easier.
- SMS prompt when AC power lost or recovered.
- Built-in intercom horn, walkie talkie can be realized.
- Built-in wireless transmitting module, could be coded with smart home appliance.
- Arm and Disarm timing function.
- Can store 6 groups of phone numbers: when alarming, system will make alarm call to these numbers automatically.
- Can store 2 groups of SMS numbers: when alarming, system will send alarming SMS automatically.
- Can inquire host status by SMS
- Can set 0-99 seconds delayed alarm for single defense zone
- 10-second recording, automatically play when alarm comes.
- Built-in digital voice announcer, automatically broadcast the alert-situation during the alarm .
- Built-in Chinese/English SMS message, can send out alarm message automatically when alarm.
- Users can make calls by using keypad on alarm
- Additional functions: can be used as a mobile, can realize the functions of dialing, bill query, and phone recharge.
- One-key-control function: Out Arm, Stay Arm, Remote Arm; with Real-time, 24 hours, bypass defense zones programming function.
- Wireless coding: easy and quick to add additional wireless accessories. Remote control Arm, Disarm, Monitor, and Intercom by phone.
- Remote control Arm, Disarm, Monitor, and Intercom by phone.
- Event Log Query: host automatically records 10 pieces of alarm information
- Multi-type of arm: Remote control arm, out arm, stay arm, timed arm, arm by phone remotely.
- Built-in lithium polymer: make alarm when power off.
- Compatible with the protocol of international normal Central Station Recivers, CID alarm communication protocol.

Alarm Host Installation

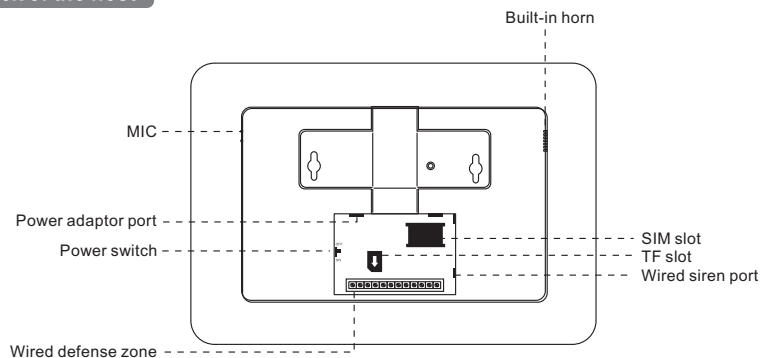
The host shall be installed in the center of the prevent site which could realize best receiving effect from all wireless detectors. Please note that keep the host away from large-sized metallic objects and home appliances producing high-frequency interference; Meanwhile avoid steel-reinforced concrete and fire-proof doors.

Panel schemes:

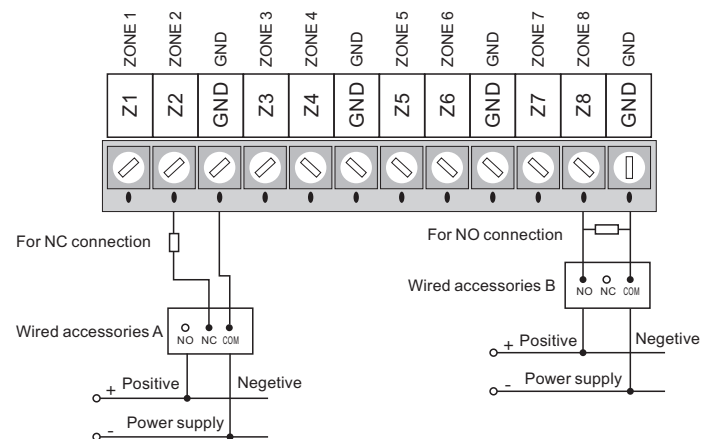
Front of the host



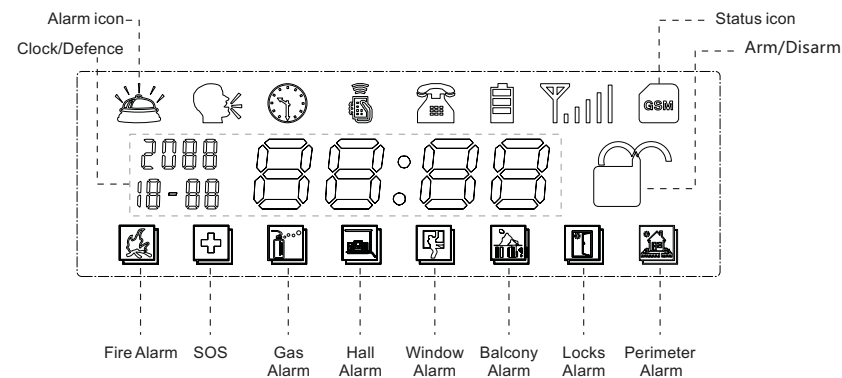
Back of the host



wire connecting terminal:



LCD display:



Installation and Use of Infrared Detector

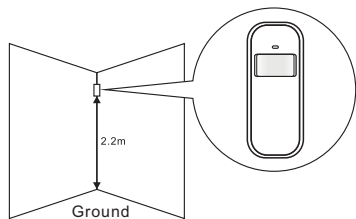
Please tear off the plastic insulating tape before use. Installation height is about 2.2 meters from the ground, should be installed in a corner indoors to obtain the ideal detection range, at the same time should be an angle with walking line indoors (The detection effect is best with people's walking direction into 90 - degree angle).

Installation method: Take out the bracket & base attached, insert the bracket into the slot of the bottom of the PIR housing; fix the base firmly with two pieces of the screw, and insert the bracket into the slot on the back of PIR detector and fix well.

As shown below:

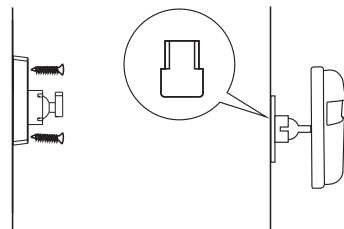
1. To determine the installation location

The recommended installation height is 2.2m from the ground.



2. To fix the PIR detector

Fix the mounting bracket into the wall with screws, and insert the bracket into the slot on the back of PIR detector and fix well.



Should pay attention to the following with infrared detector installation:

1. Avoid the detector facing out of the window;
2. Within coverage of detection, there shall not be obstruction, such as shield, furniture, large potted plants etc.
3. Avoid more than one detector in the same place, as they will possibly intervene with each other by triggered simultaneously.
4. To avoid facing the window, cooling or warming machines, or other appliances that might cause prompt temperature change and thus cause false alarm.
5. The detector needs about 3 minutes to perceive the surrounding environment after turn on, then can arm or disarm by remote controller.
6. The detector needs several seconds to analyse and confirm when it detects the invasion body, then release the alarm signals, thus can avoid false or missing alarm.
7. PIR detector is only for indoor use. (Prohibit installing outdoors).

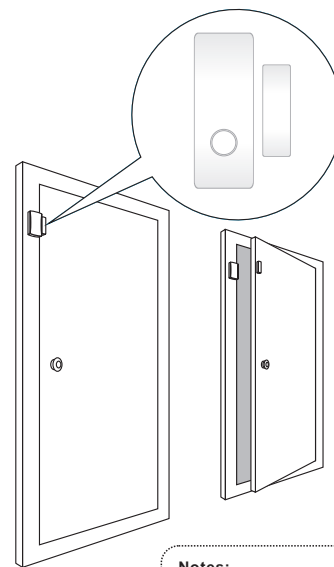
Installation and Use of Magnetic Door Sensor

Door sensor is installed on the door. First clean a right place of the door, take out the sensor and then stick a double-sided adhesive at the bottom. Should pay attention to the following when installing.

1. The transmitter(sensor body) and the magnetic bar should be installed separately, that is, the body should be installed on the fixed frame and the magnetic bar should be installed on the mobile door. (Notes: emitter indicator light nears the bar.).

2. The magnet is installed apposite the transmitter, the distance between them should not be more than 1 cm.

3. After installation, the indicator light flashes one second while opening the door which means installation is available. Indicator light flashes 3 times which means the low power of the battery, should replace the battery in time.



Notes:

Please check whether the signal between door sensor and alarm host is OK or not before fix the device; if install on a metal door, to block up the bottom of sensor to avoid shielding the signal; this product is not suitable with the roller shutter, please buy the special device if you need.

Function Setting

1. Initialization

Please insert SIM card and power on the system by adapter, built-in speaker would make a sound, and all icons display on the LCD, the time shows normally after all LED indicators are ON. Signal mark with 5 grids on screen in 10 seconds means host starts up normally with strong GSM signals. Also check whether the signal indicator flashes once every 2s; Finally, move the backup battery switch to ON.

2. System Setting

Input 4-digit administrator password on the host and press [#] button to confirm. You will hear a voice prompt: please enter instruction. At the same time, [---] displays on the screen, indicating the system enters setting status. You can perform different settings repeatedly as long as the system keeps in setting status. The system will exit setting mode and return to normal status in 35s once you stop doing any operations.

Notes: The system default administrator password is [6666].

Operating method: [XXXX] [#]

X indicates: 4-digit admin password

LCD display:



3. Exit Setting

Press [*] button if you want to exit setting state after finishing setting or return to former operation, the host would make a "tick" sound and setting is finished.

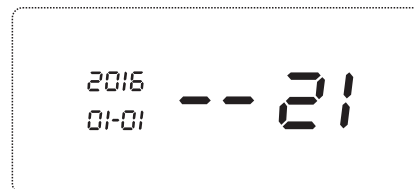
Operating method: press [*] button

4. Coding of Remote Controller Setting

In setup state, input number [21], then press [#] to confirm. The host make a "tick" sound and you will hear "remote control coding". the [🔑] indicator is on without flashing; Press any button on the wireless remote controller, The host makes a "tick" sound, and then a voice prompts "setting completed". [🔑] indicator goes out, indicating the remote controller succeeds in coding. The code of next remote controller will be displayed on the LCD screen automatically, when coding completed.

Operating method: [21]⇒[#]

LCD display:



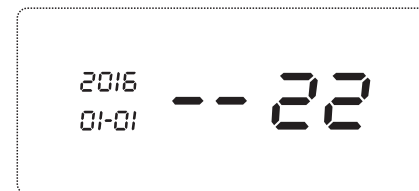
Notes: The same remote controller could be coded just once. You can add maximum 5 remote controllers.

5. Remote Controller Deleting Setting

In setup state, use keypad to enter [22], then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating method: [22]⇒[#]

LCD display:



6. Coding of Wireless Detector Setting

In setup state, input number [23], and input the defense zone number you want to code [02~99], and then press [#] to confirm. LCD would show the defense zone accordingly. You will hear a voice prompt "detector coding". Then trigger a wireless detector to emit a wireless signal; after receiving the signal, the host makes a "tick" sound, and then a voice prompts "setting completed"., the [🔑] indicator goes out at the same time.

Operating method: [23]⇒[XX]⇒[#]

XX Indicates: 02~99 defense zones number

Example: Code defense zone 02

Operating method: [23]⇒[02]⇒[#]

LCD display:



7.Single Wireless Detector Deleting Setting

In setup state, enter number [24] and then press the [02~99] defense zone number which needs to be deleted, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Notes: The deleted sensor for zone would be invalid, so think it over before you want to delete.

Operating method: [24]⇒[XX]⇒[#]

XX indicates: 02~99 defense zones number

Example: Delete defense zone 02

Operating method: [24]⇒[02]⇒[#]

LCD display:

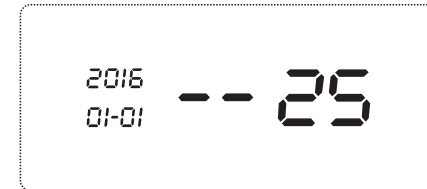


8.All Wireless Detector Deleting Setting

In setup state, enter number [25], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Notes: The deleted sensor for zone would be invalid, so think it over before deleting.

Operating method: [25]⇒[#]

LCD display:



9.Alarm Type Setting

9.1 There are 4 Defense Types:

- Detector alarm type is set to "0": This detector will not trigger the host to alarm in any status.
- Detector alarm type is set to "1": This detector will trigger the host to alarm whether in Out Arm or Stay Arm state.
- Detector alarm type is set to "2": This detector will trigger the host to alarm only in Out Arm state; host is in Stay Arm state, the detector cannot trigger the host to alarm.
- Detector alarm type is set to "3": This detector will trigger the host to alarm in any status.

9.2 Wireless Detector Alarm Type Setting

In setup state, input number [26], and then press the defense zone number [02~99] and then input detector alarm type [0~3], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating method: [26]⇒[XX]⇒[Y]⇒[#]

XX indicates: two-digit defense zone number

Y indicates: one defense zone alarm type

Example: setting 02 defense zone alarm type to be Out Arm or Stay Arm

Operating method: [26]⇒[02]⇒[1]⇒[#]

LCD display:



9.3 Wired Detector Alarm Type Setting

In setup state, input number [47], and press the defense zone number[81~88] and then input [0~3] about detector alarm type, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating method: [47]⇒[XX]⇒[Y]⇒[#]

XX indicates: two-digit defense zone number

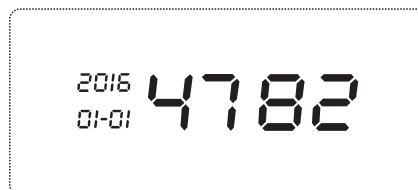
Y indicates: one defense zone alarm type

Notes: wired defense zone of Z1 is equal to zone of 81, wired defense zone of Z2 is equal to zone of 82, wired defense zone of Z8 is equal to zone of 88 in turn

Example: alarm type about defense zone of Z2 is set to Out Arm or Stay Arm

Operating method: [47]⇒[82]⇒[1]⇒[#]

LCD display:



10. Wireless Siren Coding Setting

In setup state, input [28]+8-digit wireless siren coding, then enter [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Note: Wireless equipment coding includes sc2262 coding four data bits & 8 address bits.

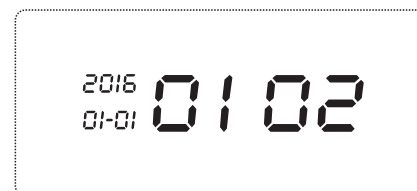
Operating method: [28]⇒[XXXXXXXX]⇒[#]

XXXXXXXX indicates: 8-digit wireless siren coding

Example: detailed operating of wireless equipment coding is "01020102"

Operating method: [28]⇒[01020102]⇒[#]

LCD display:



11. Remotes Operation Voice Prompt Setting

In setup state, input number [31], and then input [0/1], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Factory defaults: turn on the voice

Operating method: [31]⇒[X]⇒[#]

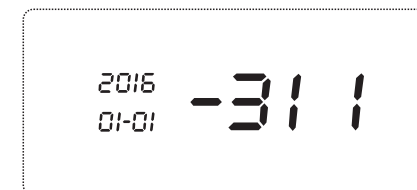
X = "0" indicates: Voice prompt turns off

X = "1" indicates: Voice prompt turns on

Example: Turn on remotes voice prompt

Operating method: [31]⇒[1]⇒[#]

LCD display:



12. Siren Ring Time Setting

In setup state, enter [32], then input time [00~15] minutes, finally press [#] to confirm; The host makes a "tick" sound, and then a voice prompts "setting completed". Default: 3 minutes

Operating method: [32] ⇨ [XX] ⇨ [#]

XX indicates: siren ring time, unit: minute

Example: Set 2 minutes of siren ring time

Operating method: [32] ⇨ [02] ⇨ [#]

LCD display:



13. Arm Time Delay Setting

In setup status, enter [33], then input delayed time [00~99] seconds, finally press [#] to confirm; The host makes a "tick" sound, and then a voice prompts "setting completed". Thus arm time delayed setting is finished

Operating method: [33] ⇨ [XX] ⇨ [#]

XX indicates: Arm delayed time, unit: second

Example: detailed operating of 2 seconds delayed time arm

Operating method: [33] ⇨ [02] ⇨ [#]

LCD display:



14. Defense Zone Alarm Time Delay Setting

In setup state, enter [34], then input defense zone [02~99], last input delayed time [00~99] seconds, press [#] to confirm; The host makes a "tick" sound, and then a voice prompts "setting completed". Default: no delay

Operating method: [34] ⇨ [XX] ⇨ [YY] ⇨ [#]

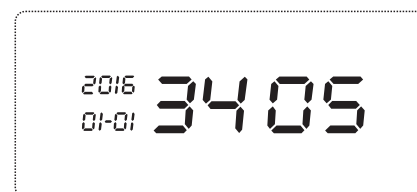
XX indicates: Defense zone

YY indicates: Delayed alarm time, unit: second

Example: Detailed operating of 5 seconds delayed alarm time for defense zone 05

Operating method: [34] ⇨ [05] ⇨ [05] ⇨ [#]

LCD display:



15. Telephone Dial-up Cycle Times Setting

In setup state, enter [35], then input dial-up times [00~09], finally press [#] to confirm; next the host makes a "tick" sound, and then a voice prompts "setting completed". Default: 9 times

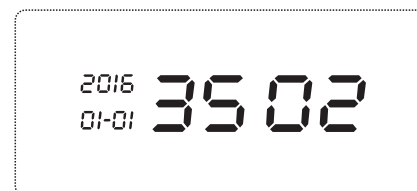
Operating method: [35] ⇨ [XX] ⇨ [#]

XX indicates: Telephone dial-up cycle times

Example: Detailed operating about 2 cycle times

Operating method: [35] ⇨ [02] ⇨ [#]

LCD display:



16.Remote Call Ringing Times Setting

In setup state, enter [36], then input ringing times [0~9], finally press [#] to confirm; The host makes a "tick" sound, and then a voice prompts "setting completed". Default: 6 times

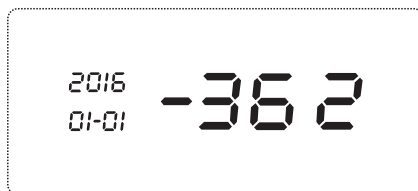
Operating method: [36] ⇒ [X] ⇒ [#]

X indicates: ring times;

Example: Detailed operating of 2 times remote call ringing

Operating method: [36] ⇒ [2] ⇒ [#]

Notes: The host remote control is closed, when ringing times is set to 0
LCD display:

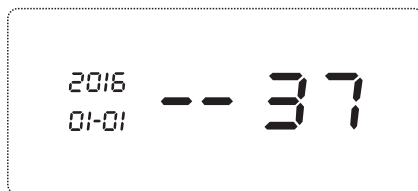


17.Recording Setting

In setup state, use keypad to input [37], and then press[#] to confirm. The host will emit a "tick" sound and the [] indicator is on, and after 10 seconds count down, recording starts: record at 30cm away from the host with moderate tone; 10 seconds later, the host will make a "tick" sound, indicating the recording finish. Meanwhile, the recorded voice will replay.

Operating method: [37] ⇒ [#]

LCD display:



18.Password Change Setting

18.1Change User Password

In setup state, use keypad to input [38], then input the 4- digit new password, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".Default: 1234.

Operating: [38] ⇒ [XXXX] ⇒ [#]

XXXX indicates: the new 4-digit password

Example: change the system password to 1012

Operating: [38] ⇒ [1012] ⇒ [#]

LCD display:



18.2Change Administrator Password

In setup status, use keypad to input [39], then input the 4- digit new password, and then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".Default:6666

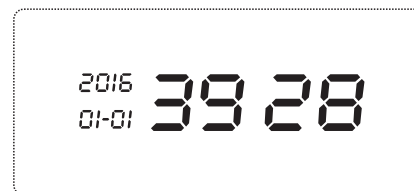
Operating: [39] ⇒ [XXXX] ⇒ [#]

XXXX indicates: the new 4-digit password

Example: change the system password to 2846

Operating: [39] ⇒ [2846] ⇒ [#]

LCD display:



Notes: The user password and the Administrator password cannot be the same.

19. Host Keypad Lock Setting

In setup state, enter [40], then input [0/1], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating: [40] ⇒ [X] ⇒ [#]

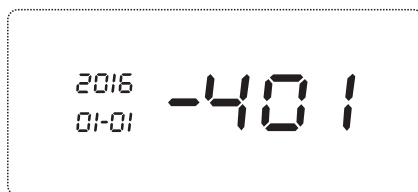
X= "0" indicates: off

X= "1" indicates: on

Example: Open the keypad lock

Operating: [40] ⇒ [1] ⇒ [#]

LCD display:



20. Host Timing Arm/Disarm Enable/Disable Setting

In setup state, enter [41], then choose on/off auto Arm or Disarm function key [1/0], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Factory default: off.

Operating: [41] ⇒ [1/0] ⇒ [#]

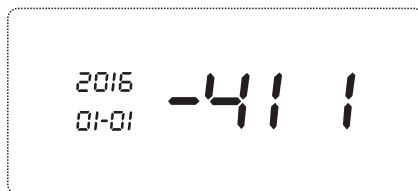
X= "0" indicates: off

X= "1" indicates: on

Example: Turn on timing Arm/Disarm function

Operating: [41] ⇒ [1] ⇒ [#]

LCD display:



21. Host Timing Arm /Disarm Setting

In setup state, enter [42], and then input disarming time [AABB], and then input arming time [XXYY], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating: [42] ⇒ [AABB] ⇒ [XXYY] ⇒ [#]

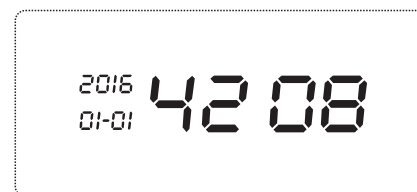
"AABB" indicates: disarming time—hour and minute

"XXYY" indicates: arming time—hour and minute

Example: set disarming to 8:20 and arming time to 20:30

Operating: [42] ⇒ [0820] ⇒ [2030] ⇒ [#]

LCD display:

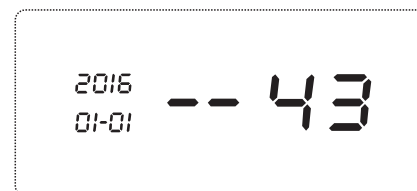


22. Host Reset Setting

In setup status, first enter [43], then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". (Remote controllers and detectors would not be deleted).

Operating: [43] ⇒ [#]

LCD display:

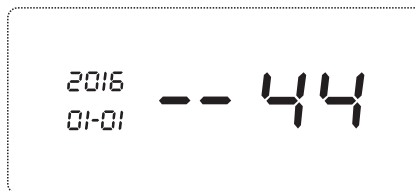


23. Host Logs Inquires

In setup state, first enter [44], then press [#] to confirm; The host will make a "tick" sound and then enter into records list. Press "2" to page up and press "8" to page down. There are 10pcs of alarm logs in total.

Operating: [44] ⇒ [#]

LCD display:

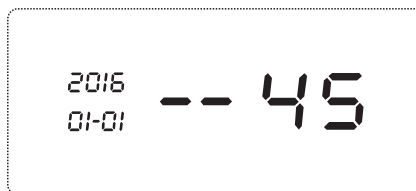


24. Host Logs Deleting

In setup state, first enter [45], then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Thus host logs are removed.

Operating: [45] ⇒ [#]

LCD display:



25. SMS Notification of Arm/Disarm

In setup state, first enter [46], then choose command key[0/1], that means whether to send SMS to the user when Arm or Disarm, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Default: not send

Operating: [46] ⇒ [X] ⇒ [#]

"X=1" indicates: send.

"X=0" indicates: not send

Example: send out SMS to user's mobile phone

Operating: [46] ⇒ [1] ⇒ [#]

LCD display:



26. System Clock Setting

In setup state, use keypad to input [48], then input the last 2 digits [YY] of the present year, and then the 2 digits [MM] of the month, and then the two digits [DD] of the date, and then the two digits [hh] of the hour (24-hour system), and then the two digits [mm] of the minute, and finally enter [#] to confirm. You will hear a "tick" sound and a voice prompt: "setting completed".

Operating: [48] ⇒ [YY] ⇒ [MM] ⇒ [DD] ⇒ [hh] ⇒ [mm] ⇒ [#]

"YY" indicates: the last 2 digits of the present year

"MM" indicates: the 2 digits of the present month

"DD" indicates: the 2 digits of the present date

"hh" indicates: the 2 digits of the present hour (24 hour system)

"mm" indicates: the 2 digits of the present minute

Example: set the time as 17:30, June, 12th, 2012

Operating: [48] ⇒ [12] ⇒ [06] ⇒ [12] ⇒ [17] ⇒ [30] ⇒ [#]

LCD display:



27.SMS Phone Number Setting

In setup state, enter [49~50], then input phone number, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Note: input [49] to set the first SMS phone number, input [50] to set the second SMS phone

Operating: [XX] ⇒ [YY...YY] ⇒ [#]

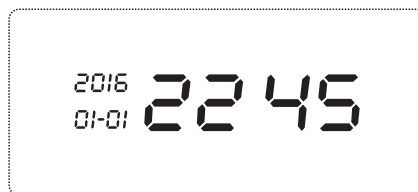
XX indicates: address code [49-50] of 1-2 group SMS alarm phone number

YY...YY Indicates: phone number

Example: set 13911112245 to be the first group alarm phone number

Operating: [49] ⇒ [13911112245] ⇒ [#]

LCD display:



Notes: Only the pre-set alarm phone number can realize remote control.

28.SMS Phone Number Deleting

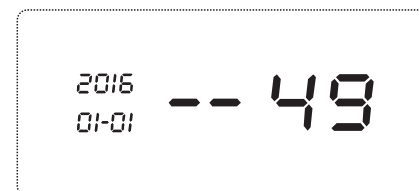
In setup state, enter [49~50], finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating: [49] ⇒ [#]

Example: Deleting the first SMS alarm phone number

Operating: [49] ⇒ [#]

LCD display:



29.Alarm Phone Number Setting

In setup state, enter [51] ~ [56], then input phone number, finally press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating: [XX] ⇒ [YY...YY] ⇒ [#]

XX indicates: address code [51] ~ [56] of 1-6 group alarm phone number

YY...YY indicates: phone number

Example: set 13811110751 to be the first group alarm phone number

Operating: [51] ⇒ [13811110751] ⇒ [#]

LCD display:



30.Alarm Phone Number Deleting

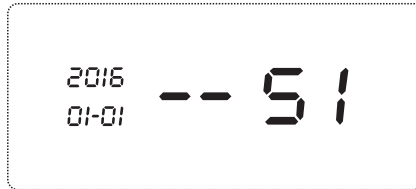
In setup state, enter [51] ~ [56], then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed".

Operating: [XX] ⇒ [#]

XX indicates: address code [51] ~ [56] of 1-6 group alarm phone number

Example: deleting the first group alarm phone number**Operating:** [51]⇒[#]

LCD display:

**31. Defense Zone Alarm Type Setting**

In setup state, first input address code [60] , choose the corresponding defense zone code [02~99] , and then input [1~8] defense zone alarm type, finally press [#] key to confirm. Voice prompts: setting completed.

Operating: [60]⇒[XX]⇒[A]⇒[#]

XX indicates defense zone code: [02~99] matching 02 to 99 defense zones correspondingly

A represents alarm type: [1] SOS Alarm, [2] fire alarm, [3] gas leak alarm, [4] door lock alarm, [5] hall alarm, [6] window alarm, [7] balcony alarm, [8] perimeter alarm.

Example: set defense zone 10 to be fire alarm type**Operating:** [60]⇒[10]⇒[2]⇒[#]

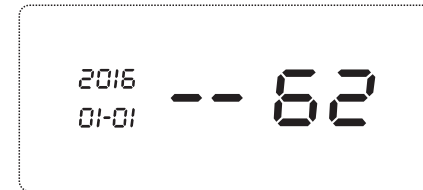
LCD display:

**32. Host GSM Signal Checking**

In setup state, enter [62] and then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". GSM signal value is displayed.

Operating: [62]⇒[#]

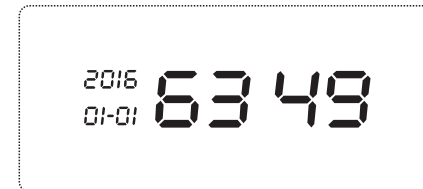
LCD display:

**33. LCD Backlight Duration Setting**

In setup state, enter [63] and input [00-99] seconds, then press [#] to confirm. The host makes a "tick" sound, and then a voice prompts "setting completed". Default time: 20 seconds.

Operating: [63]⇒[XX]⇒[#]**XX indicates: backlight lasting time****Example: set time to 49s****Operating:** [63]⇒[49]⇒[#]

LCD display:



34.Sound Volume Setting

In setup status, enter [64], then input volume level [0~9], press [#] to confirm. Once the host makes a "tick" sound, you will hear a voice prompt "setting completed". Default level "6".

Operating method: [64] ⇒ [X] ⇒ [#]

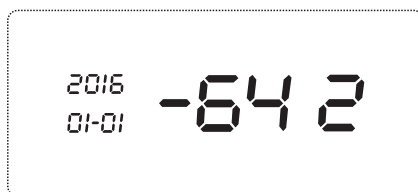
X indicates: volume level

Example: level 2

Operating: [64] ⇒ [2] ⇒ [#]

Note: If the volume level is set "0", then no sound.

LCD display:



35. Language Setting

In setup status, enter [65], then input [1~2], press [#] to confirm. Once the host makes a "tick" sound, you will hear a voice prompt "setting completed". Default language Chinese[2].

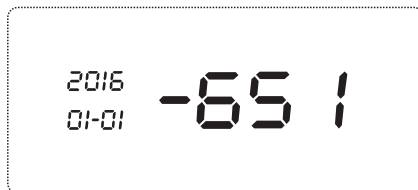
Operating method: [65] ⇒ [X] ⇒ [#]

X indicates: Language

Example: English [1]

Operating : [65] ⇒ [1] ⇒ [#]

LCD display:



Mobile APP Operation

The system can be controlled by APP. iOS mobile will map to SMS interface, Android mobile won't map to SMS interface, but will finish the SMS operation in background.

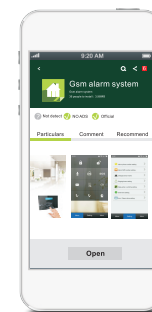
Download APP

iPhone user enter the APP Store, search "GSM alarm system" then download and install this software.

Android user enter Google Play or Android market (China mainland), search "GSM alarm system", then download and install this software.



iPhone APP interface

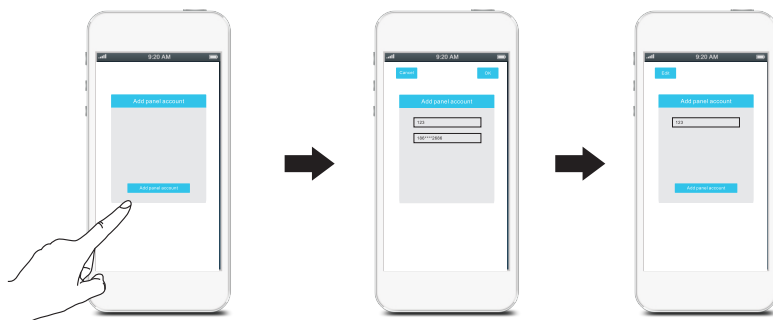


Android APP interface

App Use

In the state of factory defaults, user can control the panel remotely on the SMS interface of the APP from any mobile phone. The panel only receive the APP command from the pr-set numbers which have been stored in it.

(1) Add host account

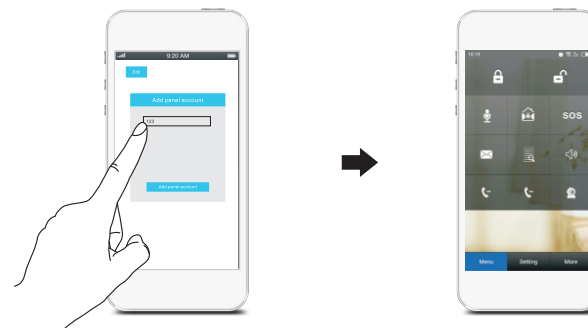


(2) Main interface operation

Press the pr-set host account, enter into Main Menu, then user can operate the functions of disarm, out arm, stay arm, dial back and monitor and so on.

Press the pr-set host account, enter "System Setting", then user can use app to remotely setup the host parameter including "Host Alarm Phone Number Setting" (6 groups), "Host SMS Number Setting" (2 groups), "Naming Defense Zone", "Call Ringing Time", "Alarm Time Delay", "Siren Ring Time Setting", "Host Timing Arm or Disarm Setting" and other operations.

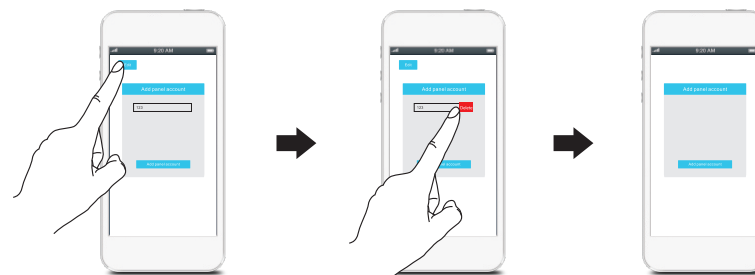
Notes: For "Naming Defense Zone", you can only change 2 zones. If naming in Chinese, the characters are no more than 10. Naming in English, the characters are no more than 40. If operate by app, you must save your phone number in host panel first or it will not work.



(3) Delete Account

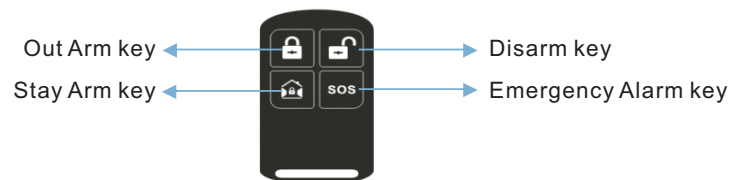
iOS mobile: Press [Edit], then press [Delete], the added host account will be deleted.

Android mobile: Press [Edit], long press the host account, then will come out the dialog window of deleting account, press [Finish], the added account will be deleted.



Daily Operation

Remote controller is one kind of device which carries out multi-function operation by radio. Its function is convenient for user to control its state when he is at the door (outdoor) or long-distance, such as Out Arm, Stay Arm, Emergency Alarm, Disarm functions etc.



Out Arm



Press [] key, host releases prompt: "System armed", Out Arm indicator LED on, all the defense zones enter into Out Arm state.

Disarm



Disarm: Press [] key, host releases prompt: "System disarmed", Disarm indicator LED on, all the defense zones enter into Disarm state.

Stay Arm



Stay Arm: press [] key, host releases prompt: "system armed", Stay Arm indicator LED on, all the defense zones enter into Stay Arm state.

Emergency Alarm



Emergency Alarm: No matter in which status, press the [] key of remote controller, system will enter into alarm state at once.

1. Out Arm

Out Arm means the host's whole defense zones are in Arm state. In other words, when no one in the house, all detectors would work and detect all deleting areas, when there are detection sources (thieves invasion fire, gas leakage, etc.) trigger detector, the system makes alarms immediately.

If the function of the keypad lock is closed, press the Out Arm [], the host will go into Out Arm state; If the function of the keypad lock is open, press the Out Arm [] while this operation need to input user's password then to realize Out Arm.

Operating: press [Out Arm ] of remote controller.

The Host Operating: [Out Arm ] (keypad lock is closed or [Out Arm ] + [user password] + [#] (keypad lock is open) .

SMS operation: Edit SMS "1" and send it to the SIM number of host with your mobile phone.

LCD display:



2. Stay Arm

It means, for the safety, while somebody is at home, you need to enable the peripheral: door, window, balcony and boundary detectors of the alarm system while prevent from triggering the indoor detectors, which may cause improper warning; then, you shall select Stay Arm, let just part of the detectors work and disable the other parts.

Remotes Operation: Just press [] once

SMS operation: Edit SMS "0" and send it to the SIM number of host with your mobile phone.

LCD display:



3. Disarm

Disarm means to make the alarming host into non-alert state. One is, to Disarm the host from Arm state; the other is, to stop the alarm when the host is making alarms. After disarming, even if you trigger the detector, the host would not sound alarm (excluding 24- hour defense areas).

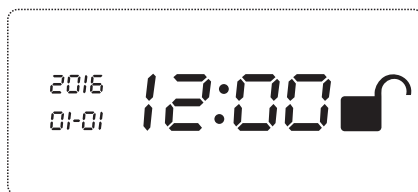
If keypad lock is closed, press [] keypad directly to disarm. If keypad lock is open, press [], and follow voice prompt enter [user password, finally press [#] to confirm. [Out home] or [Home] signal light is off. Disarming operation is completed.

Remotes Operation: Press [] button.

Host Operation: Press [] button

SMS operation: Edit SMS "2" and send it to the SIM number of host with your mobile phone.

LCD display:



4. Answer Alarm Call

When the host make alarms, siren releases voice prompt at once. First, it would send out SMS, telling user which defense zone has alert, then it will dial the preset numbers to make voice alarm. If no one answers the call, the system will call the next user number automatically. The system will call each preset numbers for 3 times in order.

If you answer the call, you will hear the pre-record voice. You can set system to realize various functions via your telephone or mobile phone keypad.

- Hang up: If you hang-up directly without answering the call, system will call each preset number circularly.
- Press [*]: Play the recording.
- Press [1]: The host stops alarming and to Arm; it stops calling users.
- Press [2]: The host stops alarming and to Disarm; it stops calling users.
- Press [3]: The host closes siren and monitors the scene for 30 seconds, for continuous monitoring, press [3] again to monitor the abnormal sounds or a burglar intrusion for another 30 seconds.
- Press [4]: start talk-back 30s.

Note: Please press # to stop the calling of alarm.

5. Remote Control by SMS

To create SMS instructions to alarm host through the mobile phone, then to remote control the host, make host enter into Arm or Disarm state; Also can open or close the Siren.

Detailed SMS instructions as follows:

- Host Arm SMS instruction: Edit SMS "1" and send it to the SIM number of host with your mobile phone, If you get back the message "Armed" from the host which means the host has entered into Arm state.
- Host Disarm SMS instruction: Edit SMS "2" and send it to the SIM number of host with your mobile phone, If you get back the message "Disarmed" from the host which means the host has entered into Disarm state.
- Open Siren SMS instruction: Edit SMS "6" and send it to the SIM number of host with your mobile phone, If you get back the message "Siren On" from the host which means the siren has sounded already.
- Close Siren SMS instruction: Edit SMS "5" and send it to the SIM number of host with your mobile phone, If you get back the message "Siren Off" from the host which means the siren has been closed already.

6. Remotely Control

The telephone (mobile) is connected to alarm host number, and after setting of ringing times, the telephone receiver prompts computer-generated voice: "Please enter password". The password is entered via telephone (mobile). For wrong password, the host gives prompt: "wrong password, please enter password again". For correct password, the telephone receiver prompts "press ① to arm, press ② to disarm, press ③ to monitor, press ④ to talk ". And after getting access of remote control, phone button could be used for remote control.

- Press [*]: play the recording.
- Press [1]: the host stops alarm and enter into Arm state
- Press [2]: the host stops alarm and enter into Disarm state
- Press [3]: the host closes the siren, enter into monitoring state for 30 seconds and press [3] for another 30 seconds to monitor the abnormal sounds or a burglar intrusion in case of continuous monitoring.
- Press [4]: start talk-back 30s.

Notes: Please press " #" to stop the calling of alarm.

7. SOS

Some special cases occur in the family: sudden illness for the elderly or children results in first aid; in case of sudden fire, help is needed; in case of housebreaking, the alarm is required; So please just press the host keypad "Emergency Alarm[SOS]", remote controller key [SOS]. Alarm system will immediately sound loudly and automatically call the pre-set phone number.

Remotes operation: press [SOS] button

Host operation: press [SOS] button on keypad

Maintenance

1. System detection

Although the alarm system is used every day, it still needs regular care and maintenance and detection to ensure that the alarm system will be stable, reliable and safe. Normally the host needs a thorough inspection every 3 months and the detectors need to be checked once a month, at least once every 3 months in case of bad conditions.

2. Host detection

- (1) Whether the host normally performs Arm or Disarm.
- (2) Whether the host normally dials up the telephone numbers.
- (3) Whether the detector signal is received or backup battery works

3. Sensor detection

- (1) Manually trigger the detector to check whether it make alarms as usual.
- (2) Check batteries of all detectors to check whether it is under-voltage.
- (3) Check whether wireless detector is communicated with the host during emission testing

4. Notice

- (1) Do not dismantle, repair and modify products privately, or accidents and failures may be caused.
- (2) Do not drop the product on the ground or hard objects to avoid strong impact with failure or damage.
- (3) Without permit and consent from relevant department, do not directly set "110", "119" or alarm phone number of police station as alarm phone number of the host.

Technical Parameters 1、2

■ Appendix 1

Input power :	DC12V/1A
Standby current :	<60mA
Alarm current	<450mA
Wireless frequency	433MHz/315MHz
Encoded mode	1527/330K
GSM	850/900/1800/1900MHz
Backup battery	Li AAA*6 DC7.4V
Siren volume	110dB

■ Appendix 2

Defense zone	Arm	Home	Type	Siren
1 defense zone	effective	effective	24H	Yes
02-99 defense zone	effective	effective	Real-time	Yes
SOS	effective	effective	24H	Yes
Wired defense zone	effective	ineffective	Real-time	Yes
Administrator password	6666	Remote control	On	
User password	1234	Siren	Off	
Siren sound time	According setting time	Home appliance	Optional	

Technical Parameters 3

■ Appendix 3 :Administrator password system setup command table

No	Setting item	Address	Data(XY)	Remark	Factory Default
1	Coding of Remote Controller Setting	21	X	X=#	
2	All Remote Controller Deleting Setting	22	X	X=#	
3	Coding of Wireless Detector Setting	23	X	X=02~99	
4	Single Wireless Detector Deleting Setting	24	X	X=02~99	
5	All Wireless Detectors Deleting Setting	25	X	X=#	
6	Wireless Alarm Type Setting	26	XY	X=02~99 , Y=0~3	
7	Wired Alarm Type Setting	47	XY	X=81~88 , Y=0~3	
8	Wireless Siren Coding Setting	28	XXXXXXXX	XXXXXXXX=8-digit wireless siren coding	
9	Wireless Switch Coding Setting	28	XXXXXXXX	XXXXXXXX=8-digit wireless switch coding	
10	Remotes Operation Voice Prompt Setting	31	X	X=1 On ,X=0 Off	
11	Siren Ring Time Setting	32	X	X=00~15 minutes	3 minutes
12	Arm Time Delay Setting	33	X	X=00~99 seconds	0 second
13	Defense Zone Alarm Time Delay Setting	34	XXYY	X=02~99 defense zone Y=00~99 seconds	0 second
14	Telephone Dial-up Cycle Times Setting	35	X	X=00~09 times	9 times
15	Remote Call Ring Times Setting	36	X	X=0~9 times	6 times
16	Recording Setting	37	X	X=#, play automatically after recording	
17	Change User Password Setting	38	XXXX	XXXX= 4-digit	1234
18	Change Administrator Password Setting	39	XXXX	XXXX= 4-digit	6666
19	Host Keypad Lock Setting	40	X	X=1 ON, X=0 OFF	0

■ Appendix 3 :Administrator password system setup command table

No	Setting item	Address	Data(XY)	Remark	Factory Default
20	Host Timing Function Setting	41	X	X=1 ON X=0 OFF	0
21	Host Timing Arm / Disarm Setting	42	XXXXYYYY	XXXX= arm time YYYY= disarm time	
22	Host Reset Setting	43	X	X=#	
23	Host Logs Inquires	44	X	X=#	
24	Host Logs Deleting Setting	45	X	X=#	
25	SMS Notification of Arm/ Disarm Setting	46	X	X=1 send SMS X=0 don't send SMS	Don't send SMS
26	System Clock Setting	48	XXYY	XXX=year, month , day, YY= hour, minute	
27	SMS Phone Number Setting	49~50	X	X= SMS number	
28	Alarm Phone Number Setting	51~56	X	X=alarm number	
29	Host GSM Signal Checking Setting	62	X	X=#	
30	LCD Backlight Time Setting	63	XX	XX=00~99 seconds	20
31	Sound Volume Setting	64	X	X=0~9 level	6
32	Language Setting	65	X	X=1~2 1 English, 2 Chinese	2

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.
FCC ID: 2AIT9-PG101