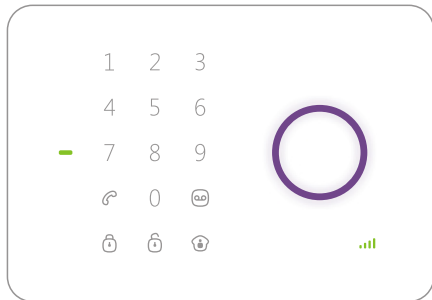




GSM Alarm System



## GSM Alarm System

## FCC Statement

1. This device complies with Part 15 of the FCC Rules.  
Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. 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 has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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.

## Features

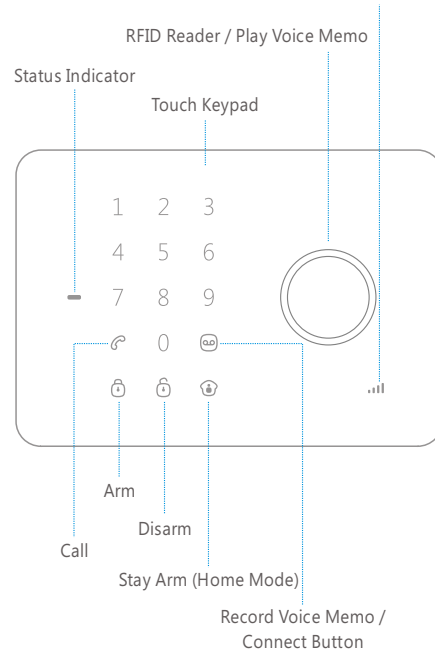
- ARM + Auror CPU
- Support 10 remote controls, 50 wireless sensors and 50 RFID tags
- Built-in 1,000,000 RF codes combination maintains high reliability
- Cellular communicator, simple operation
- Store 5 phone numbers, 1 speed-dial number, and 1 RFID SMS notification number
- Exit and entry delay
- SMS alert for low battery of two-way accessories
- Arm and disarm the system by SMS or free phone call
- Remote monitoring site via phone
- Built-in loud speaker for siren and two-way talking
- Built-in two pieces of 800mAh lithium batteries enable 5-hour standby
- SMS alerts for power failure, power recovery and low battery
- 850/1900MHz GSM frequency, applicable for universal

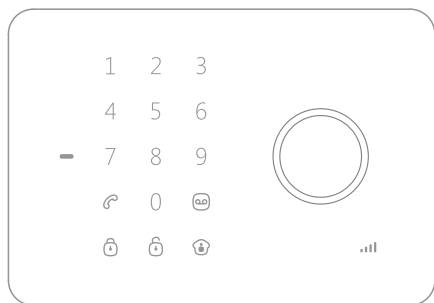
## Control Panel Layout

GSM Signal Indicator

GSM network searching: Flashes once every second

GSM signal in normal: Flashes once every two seconds






### Arm

Press  to arm the system.

### Home mode

Press  to arm the system in home mode.

All the sensors in Normal Zone are armed except those in Home Mode Zone which are disarmed so that user can move freely at home.

### Disarm on keypad:

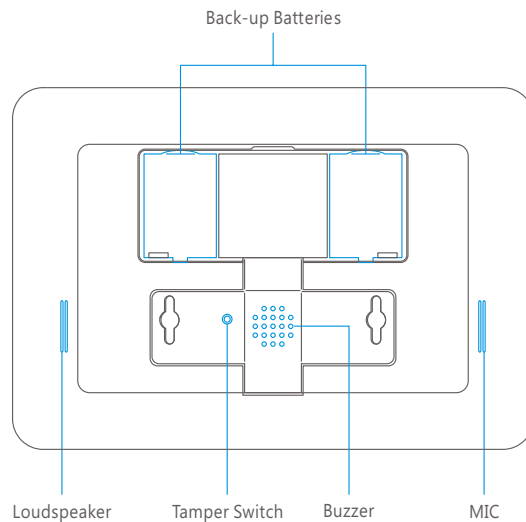
Input 4 digits password (default:1234) , and press  to disarm the system after one beep.

If three beeps are heard, password is wrong and please input again.

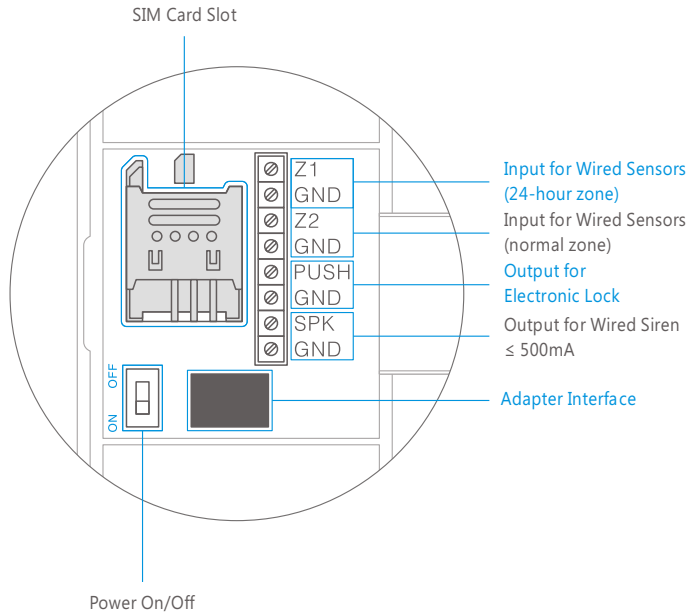
### Disarm by RFID tag:

Induce the RFID tag to the RFID Reader area to disarm the system.


## Bottom

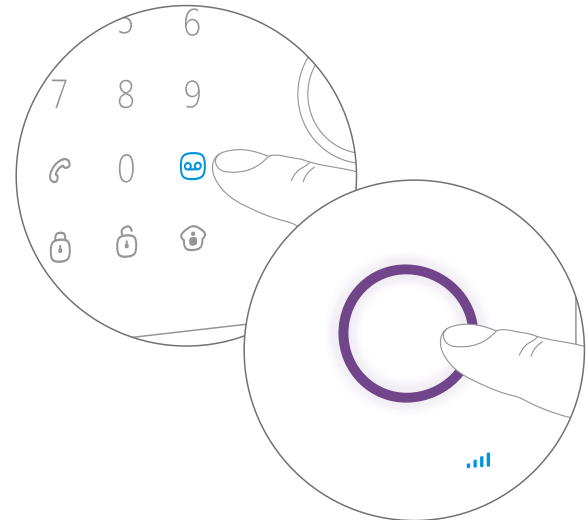


## Bottom





## Record / Play Voice Memo



Press  to record 10 seconds voice messages. Or send SMS to system for calling back to record the voice messages. The Play Voice Memo Button will be flashing in purple to remind you. Users can touch the center of circle to listen to the voice memo. The LED indicator blacks out when the voice memo is played. Replay by touching it again.



## Speed Dial

Press Call Button , the panel auto dials to pre-stored phone number of the host, the LED blacks out after talk. User can also press Call Button  to end talk.

## Phone Call

Dial phone number and then press Call Button  to start talk, the LED blacks out after talk. User can also press Call Button  to end talk.

## Electronic Lock Output

When system is disarmed, the output signal opens electronic lock automatically.

## SMS Operation

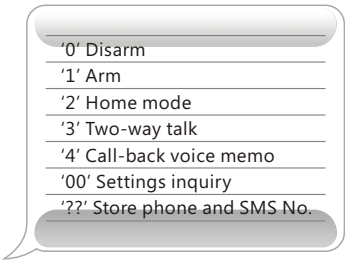
Insert a SIM card to the control panel, then send a text of "?" to the SIM card number, the operation guide message will be replied.

You can control the alarm system by following the guide message:

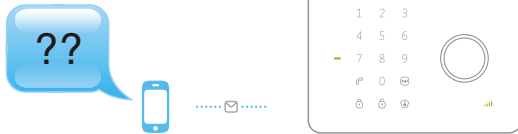
Send:



System replies first grade guide menu:



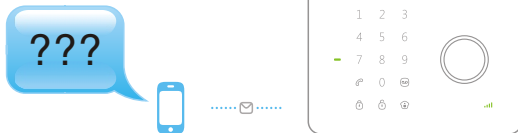
Send:



System replies second grade guide menu:

'5' Store alarm phone No.  
'6' Store alarm SMS No.  
'7' Store SMS No. for RFID tags  
'8' Store speed dial phone No.  
'???' System setups

Send:

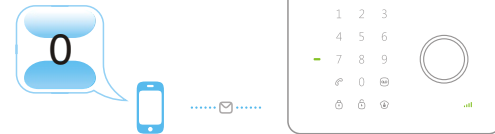


System replies third grade guide menu:

'91~99' Zone name  
'10' RFID tags SMS notice  
'11' Entry and exit delay time  
'12' Siren volume and ringing time  
'13' Disarm password  
'14' Single zone delay time

## Disarm

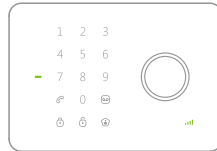
Send:



System disarmed.

## Arm

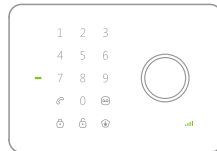
Send:



System armed.

## Stay Arm (Home Mode)

Send:



System in home mode.

## Two-Way Talk

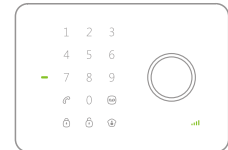
Send:



Send '3' to the SIM card number, the alarm will call back.  
Pick up the phone and start two-way talk.

## Call-Back to Record Voice Memo

Send:

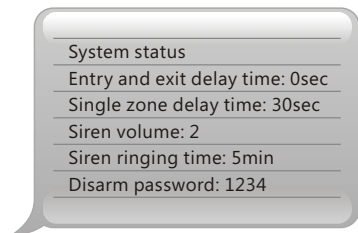
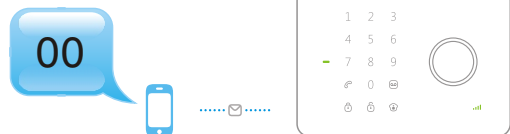


Send '4' to the SIM card number, the alarm will call back.  
Pick up the phone, and leave 10 seconds message.  
The panel will hang up after 10 seconds.



## Settings Inquiry

Send:

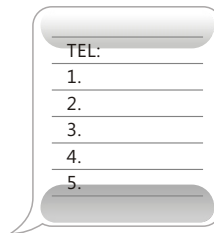


### Note:

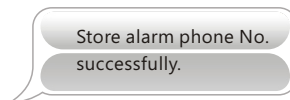
Value of default setting will be changed once users finish programming.

## Store Alarm Phone No.

Send:

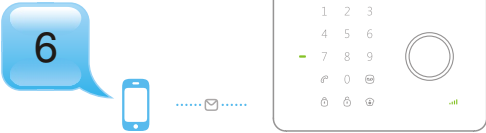


Forward > Edit



# Store Alarm SMS No.

Send:



SMS:

- 1.
- 2.
- 3.
- 4.
- 5.

Forward > Edit

SMS:

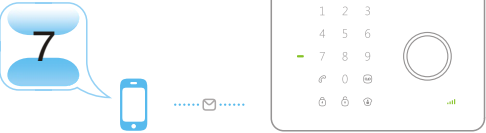
1. 67890033
2. 67890022
3. 67890011
4. 67890000
- 5.

Store alarm SMS No.  
successfully.

**Note:**  
Only after SMS No. is stored, and the  
RFID tags SMS notice is changed, users  
can receive notice SMS once someone  
disarms the system by RFID tag.

# Store SMS No. for RFID tags

Send:



SMS No. for RFID tags  
(0-20 digits):

- 1.

Forward > Edit

SMS No. for RFID tags  
(0-20 digits):

1. 67890033

Store SMS No. for RFID  
tags successfully.

**Note:** Only after SMS No. is stored, and the RFID tags  
SMS notice is changed, users can receive notice SMS  
once someone disarms the system by RFID tag.

## Store Speed Dial Phone Number

Send:



Speed dial phone number  
(0-20 digits):  
1.

Forward > Edit

Speed dial phone number  
(0-20 digits):  
1. 67890033

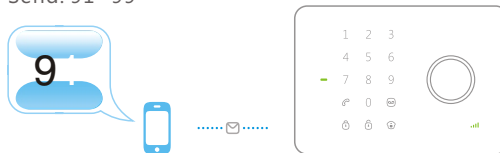
Store speed dial phone  
number successfully.

## Change Zone Name

### Special Tips!

Users can change the 1<sup>st</sup>~ 9<sup>th</sup> zone names. The zone name should be 30 English characters at most for each line due to SMS character limit. Other alarm zones are fixed as Zone 10 alarm, Zone 11 alarm and so on.

Send: 91~99



Zone1 name: Zone 1 alarm

Forward > Edit

Zone1 name: Entrance door sensor

Change zone name  
successfully.

## SMS Alert for Low Battery of Accessories

(available for two-way accessories such as DWC-102 and PIR-900/910)

SMS will be sent for 1-9 zones with its zone name as  
"Zone name + low battery".

Bedroom PIR low battery.

SMS alert for 10~50 zones will be "Zone number + low battery".

Zone 10 low battery.

## SMS Alert for Tamper Alarm of Accessories

(available for two-way accessories such as DWC-102 and PIR-900/910)

SMS will be sent for 1-9 zones with its zone name as  
"Zone name + tamper alarm".

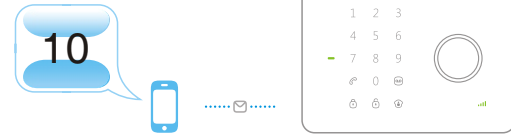
Bedroom PIR tamper  
alarm.

SMS alert for 10~50 zones will be "Zone number + tamper alarm".

Zone 10 tamper alarm.

## Change RFID Tags SMS Notice

Send:



Change RFID tags SMS  
notice:

- 1.
- 2.
- 3.
- 4.

Forward > Edit

Change RFID tags SMS  
notice:

1. Tom
2. Nurse
3. Nancy
4. David

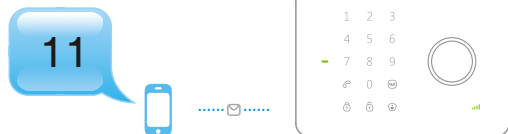
Change RFID tags SMS  
notice successfully.

### Note:

Only after SMS No. is stored, and the RFID tags SMS notice is changed, users can receive notice SMS once someone disarms the system by RFID tag.

## Entry and Exit Delay Time

Send:



Entry and exit delay time  
(0-300 sec.):  
0

Forward > Edit

Entry and exit delay time  
(0-300 sec.):  
10

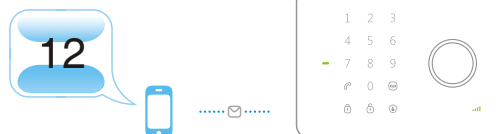
Set delay time  
successfully.

### Notice!

If users don't want to take remote control or RFID cards with them, this function can be used. Once the delay time is set, when you arm the system, one beep will be heard every second to remind the user to leave. The reminding rhythm will be speeded up in the last 15 seconds. Once the intruder is detected, the alarm will be delayed accordingly.

## Siren Volume and Ringing Time

Send:



Siren volume(0 Mute,  
1 Low, 2 High):  
2  
Siren ringing time(1-9min):  
5

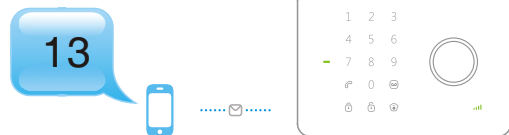
Forward > Edit

Siren volume(0 Mute,  
1 Low, 2 High):  
1  
Siren ringing time(1-9min):  
3

Set siren volume and  
ringing time successfully.

## Disarm Password

Send:



Disarm password(4-6 digits):  
1234

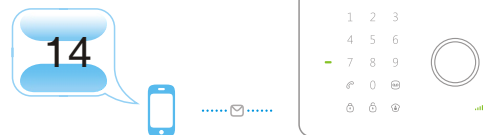
Forward > Edit

Disarm password(4-6 digits):  
8888

Set disarm password  
successfully.

## Single Zone Delay Time

Send:



Single zone delay time (0-300 sec.):  
30

Forward > Edit

Single zone delay time (0-300 sec.):  
15

Set single zone delay time  
successfully.

## Change System Language

Send: 0086 to change language to be Chinese

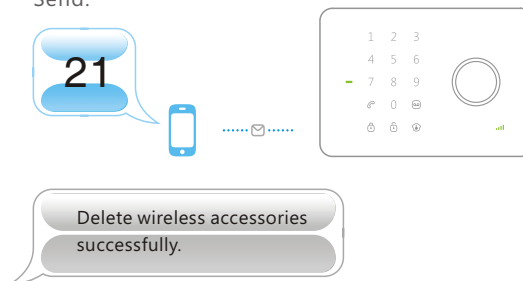


Send: 0001 to change language to be English



## Delete Wireless Accessories by SMS

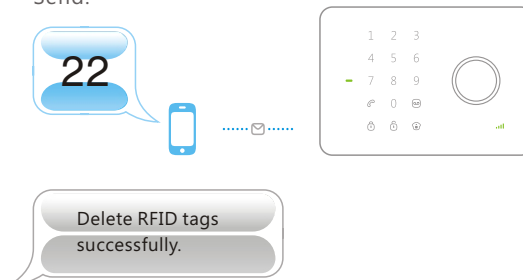
Send:



Or press Tamper Switch 3 times within 3 seconds, accessories will be cleared after two beeps.

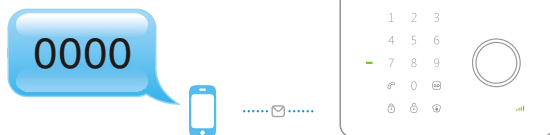
## Delete RFID Tags by SMS

Send:



## Restore System to Default Setting by SMS

Send:



System has been restored  
to factory settings.

Or press Tamper Switch 5 times within 3 seconds,  
the system will be restored to factory settings after  
two beeps.

### Note:

After programming, only stored numbers can send SMS to  
restore the system.

## Arm & Disarm by Free Phone Call


### Arm

Call the control panel number, hang up when hearing  
the ring tone. The panel will call back. The user hangs  
up the phone directly to arm the system.

### Disarm

Call the control panel number, hold on until the panel  
hangs up the call. The panel will not call back. System  
is disarmed.

## Connect Wireless Accessories & RFID Tags

Input 4-6 digits password, press Connect Button ,  
the LED indicator lights up, then trigger the accessory  
or RFID tag once within 15 seconds, the connection is  
successful after a beep.

Once two beeps are heard, the accessory has been  
connected before. The first connected accessory is in  
Zone 1, the second one in Zone 2, and so on.



## Connect Wireless Siren

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The newly-added wireless siren can be used after connecting to the control panel.

### Operation:

Press the Connect Button of the wireless siren for 0.5 second, the Connect Button LED indicator lights on, and then press the Arm Button on the control panel, the siren will be connected after one beep is heard.

Testing: Press the Arm Button on the remote control, to make sure that the internal siren and wireless siren both beep once, the connection is successful. If not, the connection fails, please reconnect them.

Once the intruder is detected, both internal siren and wireless siren will hoot to deter the illegal intruder. (The siren will be off in 5 minutes as the default setting). At the same time, the alarm system will send SMS and auto dial to users.

## Specifications

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### Product name :

GSM Alarm System

### Model No. :

CG-G5

### Control panel's power supply :

Input: AC 110-240V/50-60Hz

Output: DC 12V/500mA

### GSM working frequency :

850/1900MHz

### Standby current :

110mA

### Alarm current :

340mA

### Internal battery backup :

Lithium Battery : 3.7V/800mAh x 2 PCS (BL-5B)

### Internal siren :

105dB

### Allowed amount of expandable wireless accessories

10pcs remote controls, 50pcs wireless accessories, and 50pcs RFID tags.

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#### Radio frequency

315.8599MHz & 125KHz

#### Housing material

ABS plastic

#### Operation condition:

Temperature: -10°C~55 °C

Humidity: ≤ 80%(non-condensing)

#### Size (L x W x H) :

Panel : 188×132×26mm