D1D9 User manual

100+8 ZONE

LCD speech household alarm

D1D9

GSM Alarm System

Contents

[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]

1. Apply advanced mobile communication technology, support SMS and dialing alarm.
2. 8 Wired defense zones and 99 wireless defense zones.
3. At most 5 wireless remote control codes.
4. LCD display. Built-in clock. Operate easily.
5. Sound prompt for all operations.
6. SMS prompt automatically about low power of battery.
7. SMS prompt when AC power lost or or recovered.
8. Built-in intercom horn, walkie talkie can be realized.
9. Built-in wireless transmitting module, could be coding with wireless siren and appliance.
10. 1 group of timely Arm and Disarm timing function.
11. Can store 6 group of phone numbers: when alarming, system will make alarm call to these numbers automatically.
12. Can store 2 groups of SMS numbers: when alarming, system will send alarming SMS automatically.
13. Can store 2 alarm center telephones..
14. 10-second recording.
15. Built-in artificial intelligent digital voice announcer.
16. built-in SMS message, could be send alarm message automatically when alarm.
17. Users can make calls by using keypad on alarm panel, just like a telephone.
18. One-key-control function: Out Arm, Home Arm, Remote Arm.
19. Real-time, delay, 24 hours, bypass defense zones programming function.
20. Wireless coding: easy to add additional wireless accessories.
21. Remote control Arm, Disarm, Monitor, and Intercom by phone.
22. Event Log Query: host automatically records 40 pieces of all information concerning arm, disarm and alarm events.
23. Multi-type of arm: Remote control arm, out arm, home arm, timed arm, arm by phone.
24. Built-in AAA NI-MH rechargeable battery: make alarm when power off.
25. Comply with GB12663-2001 national standard.
26. Compatible with ADEMCO Contact ID digital communication protocol

[Alarm Host Diagram]

The host shall be installed in the centre 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.
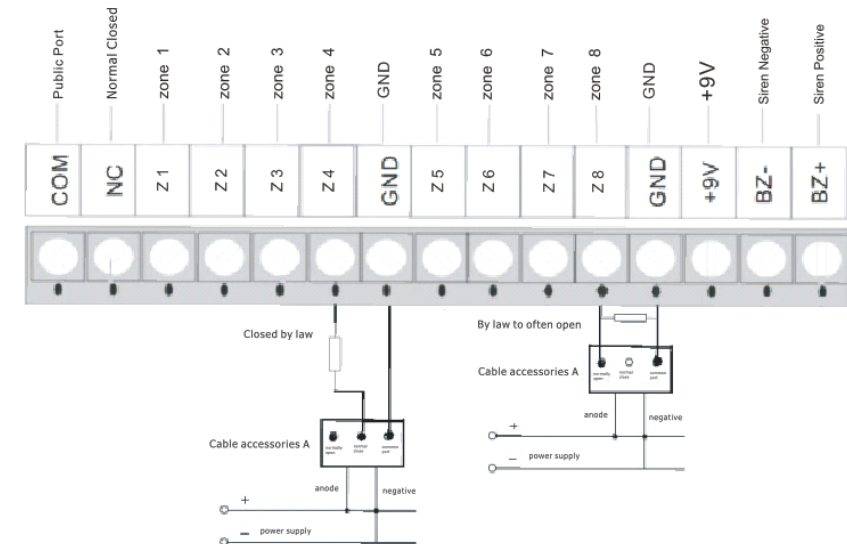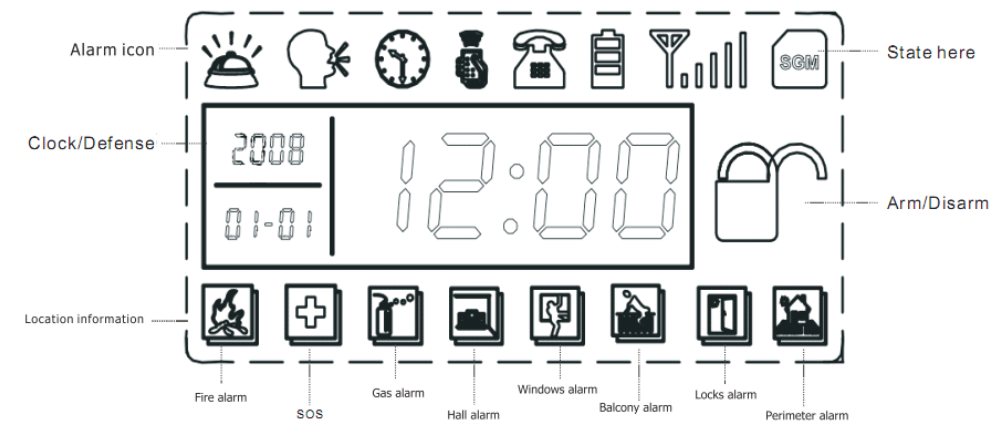Panel schemes:
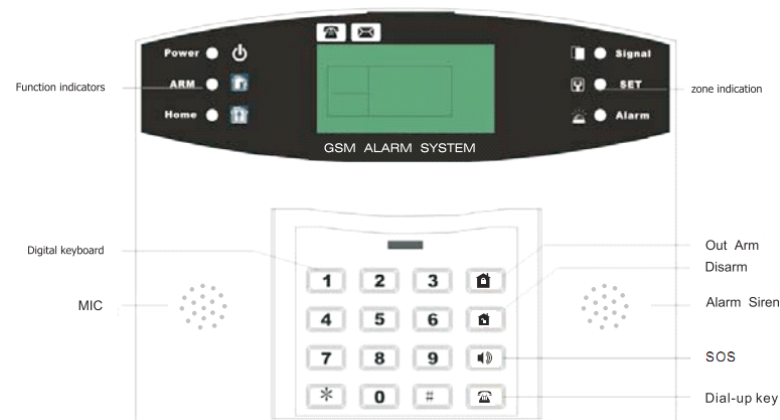
Installation drawing on the back：
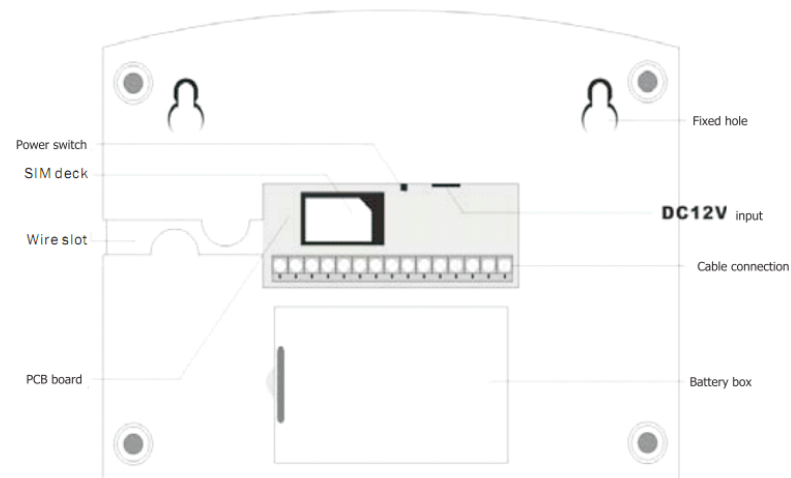
wire connecting terminal：

LCD display:

[Function Setting]

1. Initialization

Please insert SIM card and insert the adapter output terminal into the power hole of the host, and then power on the system. It will show the GSM alarm system is good when built-in buzzer rings again per second with the signal light flashing again per second, and about 15 seconds a long ring with the signal "five lattice" on the screen. The signal lights flash every one seconds if the alarm system is good.

Last, please turn on the backup battery switch.

2. System setting

In the state of disarm, input 4- digit password by the keypad on the host and press [#] button to confirm. You will hear a voice prompt: please enter instruction. At the same time,[set] indicator is on without flashing and ［- - - -］ 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 disarm status. The system will exit setting mode and return to disarm status if you don't press any keypad button for 40 seconds.

Note: The system default password is [6666].

Operating method: **[XXXX]** ⇨**[#]**

       X indicates: 4-digits program password.

LCD display：

```
 ┌─────────────────────────┐
 │                         │
 │   ─ 6666                │
 │                         │
 └─────────────────────────┘
```

3. Exit Setting

Press [*] and [#] buttons, the host emits a long beep and exits settings. The [SET] indicator goes out and the system returns to disarm state

Operating method: **[*]**⇨**[#]**

4. Password recovering setting

Please recover password when forget the password or the host could not be operated.

In disarm status, input [0321456988] on the keypad, then press [#] to confirm. You will hear two short beeps, the [signal] flashes at the same time. Password will be recovered to the factory value. User password in the factory is 1234, and administrator password in the factory is 6666.

Operating method: **[0321456988]** ⇨ **[#]**

5. Factory Reset Setting

In disarm status, use keypad to enter [0321456987] and press [#] to confirm, all the LED indications will be on for 2 seconds and you will hear a long beep. The host recover to the factory value successfully, emptying all the settings before.

Operating method: **[0321456987]**⇨**[#]**

6. Coding of Remote Controller Setting

The remote controller has to be coded to the alarm host in order to perform normally.

In setting status, use keypad to enter [21] , then press [#] to confirm. The main unit emits a long beep 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 long beep and you will hear "coding completed" [🔔] indicators 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]**⇨**[#]**

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

LCD display:

```
 ┌─────────────────────┐
 │         ♟           │
 │  ┌──────────────┐   │
 │  │─┃─ ── 0 5 │   │
 │  └──────────────┘   │
 └─────────────────────┘
```
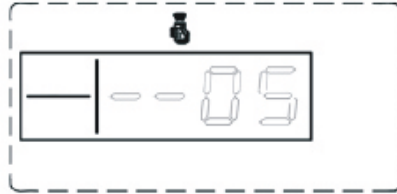
7. Remote Controller Deleting Setting

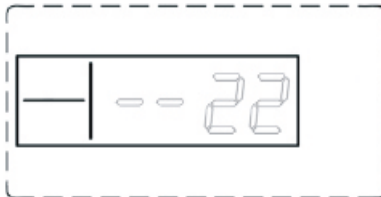**The remote controller can't control the host after it is deleted.**

In setup state, use keypad to enter [22], then press [#] to confirm. The main emits a long beep and the [signal] indicator flickers once. You will hear a voice prompt "delete completed"

Operating: **[22]** ⇨ **[#]**

LCD display:

```
 ┌─────────────────────┐
 │  ┌──────────────┐   │
 │  │─┃─ ── 2 2 │   │
 │  └──────────────┘   │
 └─────────────────────┘
```

8. Coding of Wireless Detector Setting

Wireless detectors have to be coded to the host in order to trigger its alarm.

In setup state use keypad to input [23], input the defense zone number you want to code [02~99], and then press [#] to confirm. The host emits a long beep and the corresponding defense zone is displayed on the screen. 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 long beep, and you will hear " coding completed", the [♟] indicator goes out at the same time.

Operating method: **[23]⇨[XX]⇨[#]**

               XX Indicates：02~99 defense zones number

Operating method: **[23]⇨[02]⇨[#]**

LCD display:

```
 ┌─────────────────────┐
 │         ♟           │
 │  ┌──────────────┐   │
 │  │─┃ 2 3 0 2 │   │
 │  └──────────────┘   │
 └─────────────────────┘
```
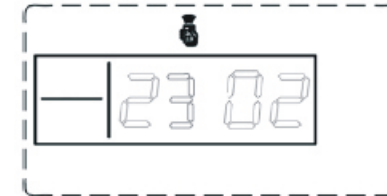
9. Single Wireless Detector Deleting Setting

The wireless detector can't control the host after it is deleted.

In setup state, enter [24] and then press the [02~99] defense zone number needs to be deleted, finally press [#] to confirm. The host emits a long beep and the defense zone indicator flickers once. You will hear a voice prompt "delete completed".

Operating method: **[24]⇨[XX]⇨[#]**

               XX indicates：02~99 defense zones number。

Example：Delete second defense zones

Operating method: **[24]⇨[02]⇨[#]**

LCD display:

```
 ┌─────────────────────┐
 │  ┌──────────────┐   │
 │  │─┃ 2 4 0 2 │   │
 │  └──────────────┘   │
 └─────────────────────┘
```
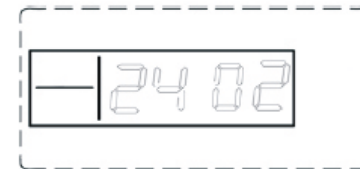
All Wireless Detector Deleting Setting

10. All Wireless Detector Deleting Setting

The wireless detector can't trigger the host to alarm after the whole deletion.

In setup state, use keypad to input [25], and then press [#] to confirm. The host emits a long beep and the defense zone indicator flickers once. You will hear a voice prompt "delete completed".

Operating method: **[25]⇨[#]**

LCD display:

```
 ┌───────────────────┐
 │  ┌─────────────┐  │
 │──│   -- 25     │  │
 │  └─────────────┘  │
 └───────────────────┘
```

11. Detector Alarm Type Setting

Various alarm type is convenient to decide which detector will be alarmed.
There are 4 defense types:

1). Detector alarm type is set to **"0"**: This detector will not trigger the host to alarm in any status.

2). Detector alarm type is set to **"1"**: This detector will trigger the host to alarm whether in out arm or home alarm.

3). Detector alarm type is set to **"2"**: This detector will trigger the host to alarm only in Out Arm state; host is in Home Arm state, the detector cannot trigger the host to alarm.

4). Detector alarm type is set to **"3"**: This detector will trigger the host to alarm in any status.

Wireless detector alarm type setting

In setup state use keypad to input [26], and then press the defense zone [02~99] and then input [0~3] about detector alarm type, finally press [#] to confirm. The host emits a long beep and the defense zone indicator flickers once. You will hear a voice prompt "setting completed"

Operating method: **[26]⇨[XX]⇨[Y]⇨[#]**

    XX indicates: two defense zones number.

    Y indicates: one defense zone alarm type

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

Operating method: **[26]⇨[02]⇨[1]⇨[#]**

LCD display:

```
 ┌───────────────────┐
 │  ┌─────────────┐  │
 │──│  60 21      │  │
 │  └─────────────┘  │
 └───────────────────┘
```

Wired detector alarm type setting

In setup status use keypad to input [47], and then press the defense zone [81~88] and then input [0~3] about detector alarm type, finally press [#] to confirm. The host emits a long beep and the defense zone indicator flickers once. You will hear a voice prompt "setting completed"

Operating method: **[47]⇨[XX]⇨[Y]⇨[#]**

    XX indicates: two defense zones 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 home arm.

Operating method: **[47]⇨[82]⇨[1]⇨[#]**

LCD display:

```
 ┌───────────────────┐
 │  ┌─────────────┐  │
 │──│  47 82      │  │
 │  └─────────────┘  │
 └───────────────────┘
```

12. Wireless Equipment Coding Setting

In setup status, press [27] + 8 wireless equipment coding, then enter [#] to confirm. The host makes a long beep. You will hear a voice prompt "setting completed".

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

Operating method：**[27]⇨[XXXXXXXX]⇨[#]**

XXXXXXXX indicates：8 wireless equipment coding

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

Operating method：**[27]⇨[01020102]⇨[#]**

LCD display:

13. User ID Setting

User ID number is used to distinguish every user when alarm system networks with computer center.

In setup status, press [28] on the keypad, then input 4 digit user code, finally press [#] to confirm. Voice prompt: setting completed, please enter instruction.
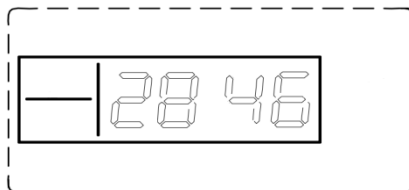
Operating: **[28]⇨[XXXX]⇨[#]**

XXXX indicates: 4 digit ID number of user code

Example: The detailed operating about user ID of Lily's home is 2846

Operating: **[28]⇨[2846]⇨[#]**

LCD display:

14. Siren Voice Prompt setting

In arm or disarm, external siren prompt arm or disarm.

In setup status, press[31] on the keypad, then enter[0~1], finally press [#]；The host makes a long beep. A "setting completed" voice prompt appears.
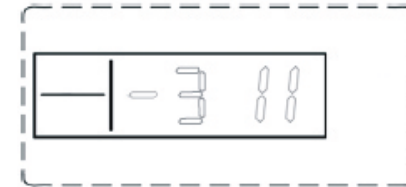
Operating method：**[31]⇨[X]⇨[#]**

X ="0" indicates：External siren prompt closed；

X ="1" indicates：External siren prompt open；

Example: Detailed operating of external siren prompt open

Operating method：**[31]⇨[1]⇨[#]**

LCD display:

15. Siren Ring Time setting

In setup state, press[32] on the keypad, then enter time [00~15] minutes, finally press [#]；The host make a long beep,

Operating method: **[32]⇨[XX]⇨[#]**

XX indicates: siren ring time, unit "minute".

Example: Set 5 minutes of siren ring time.

Operating method: **[32]⇨[05]⇨[#]**

LCD display:

16. Arm Time Delayed Setting

When press down the key of Out Arm, the host will arm according to the delayed time after setting.

In setup status, enter [33], then input [00~99], press [#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears.
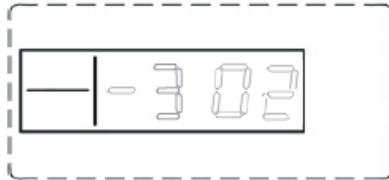
Operating method: **[33]⇨[XX]⇨[#]**

XX indicates：Arm delayed time, unit: second.

Example: detailed operating of 2 seconds delayed time arm.

Operating method: **[33]⇨[02]⇨[#]**

LCD display:

```
—-3 02
```

17. Alarm Time Delayed Setting

Alarm time delayed setting is that the host will not alarm until delayed time arrives.

In setup state, press [34], then input delayed time [00~99] seconds, finally press [#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears.

Operating method: **[34]⇨[XX]⇨[#]**

XX indicates：Alarm delayed time, unit: second

Example: Detailed operating of 5 seconds alarm delayed time

Operating method: **[34]⇨[05]⇨[#]**

LCD display:

```
—34 05
```

18. Telephone Dial-up Cycle Times Setting

Alarm dial-up cycle times are the times of dial-up from the beginning again, if all the phone numbers are dial-up, but no answer.

In setup state, press [35], then input delayed time [00~99] seconds, finally press[#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears.
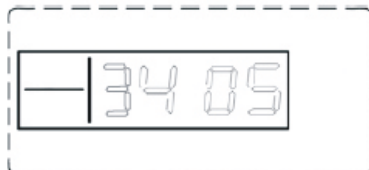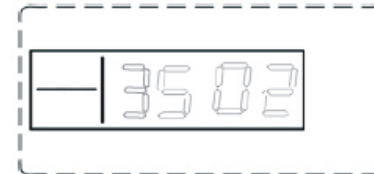
Operating method: **[35]⇨[XX]⇨[#]**

XX indicates: Telephone dial-up cycle times.

Example: Detailed operating about 2 cycle times.

Operating method: **[35]⇨[02]⇨[#]**

LCD display:

```
—35 02
```

19. Remote Call Ringing Times Setting

Users dial-up the telephone connected to the host, then the signal of ringing times would transfer to the host. Users through voice prompt, input correct password to get remote control setting to the host.

In setup state, press [36], then input delayed time [0~9] sec., finally press[#] to confirmed. Main unit make a long beep. A "setting completed" voice prompt appear.

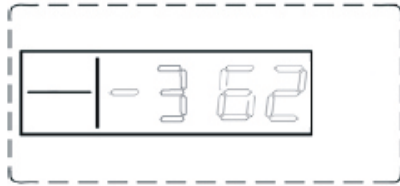Operating method: **[36]⇨[X]⇨[#]**

X indicates：ring times；

Example: After receiving two ringing signals, start the host to work remote control

Operating method: **[36]⇨[2]⇨[#]**

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

LCD display:

```
| |- 362
```

20. Recording Setting

In setup state, use keypad to input [37],and then press[#] to confirm.The host will emits a beep 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 beep indicating the recording finish and the recorded voice will replay.

Operating method: **[37]⇨[#]**

LCD display:

```
| -- 37
```
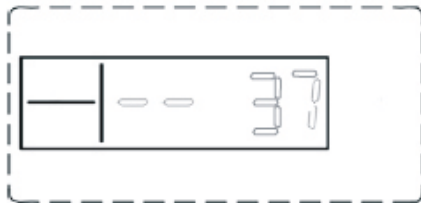
Note: when you need to change the content of recording, just store your new one.

21. Password Change Setting

1. Change User Password

User password is the key to enter the host operating system when start Disarm or Remote Control.

In setup state, use keypad to input [38], then input the 4- digit new password, finally press [#] to confirm. The main unit will make a long beep and you will hear a voice prompt " setting completed".

Operating :**[38]⇨[XXXX]⇨[#]**

XXXX indicates：the new 4-digit password

Example: change the system password to 1012；

Operating: **[38]⇨[1012]⇨[#]**

LCD display:

```
| 38 10
```

2. Change Administrator Password

Administrator password is the key to enter the host system when need function setting.

In setup status, use keypad to input [39], then input the 4- digit new password, and then press [#] to confirm. The host emits will make a long beep and you will hear a voice prompt " setting completed".

Operating: **[39]⇨[XXXX]⇨[#]**

XXXX indicates: the new 4-digit password

Example: change the system password to 2846

Operating: **[39]⇨[2846]⇨[#]**

LCD display:

```
| 39 28
```

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

22. Keypad lock setting

Keypad lock could ensure the host password can't be changed maliciously.

In setup state, press [40], then input [0~1], finally press [#] to confirmed. The host makes a long beep.   A "setting completed" voice prompt appears.
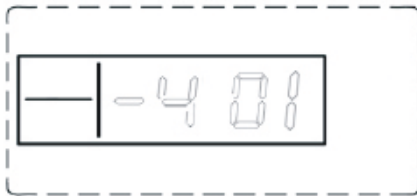
Operating: **[40]⇨[X]⇨[#]**

    X="0" indicates: Keypad lock is closed. Arm/Disarm, password don't need to be entered

    X="1" indicates: Keypad lock is open. Arm/Disarm, password should be entered.

Example: Open the keypad lock.

Operating: **[40]⇨[1]⇨[#]**

LCD display:

23. Host Timing Function Setting

In setup state, press [41], then choose on/off timing Arm or Disarm function key ［1/0］, finally press [#] to confirm, The host makes a long beep.   A "setting completed" voice prompt appears. Factory default closed.
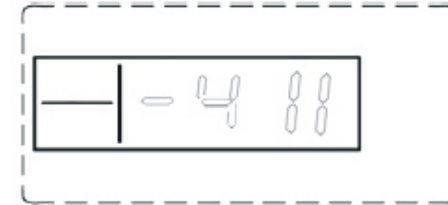
Operating: [41]([1/0]([#]

    X="0" indicates: close all timing Arm/Disarm function.

    X="1" indicates: Open all timing Arm/Disarm function..

Example: Indicates: Open all timing Arm/Disarm function

Operating: **[41]⇨[1]⇨[#]**

LCD display:

24. Host Timing Arm /Disarm Setting

Timing arm or disarm is convenient to arm or disarm at the necessary time.

In setup state, press [42], and then input disarming time [AABB], and then input arming time [XXYY], finally press [#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears.

Operating: **[42]⇨[AABB]⇨[XXYY]⇨[#]**

    "AABB" indicates: disarming time—hour and minute

    "XXYY" indicates: arming time—hour and minute

Example: set disarming is 8:20 and arming time is 20:30.

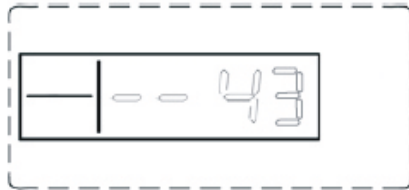Operating: **[42]⇨[0820]⇨[2030]⇨[#]**

LCD display:

25. Host Reset Setting

All telephone number will be deleted automatically when main host reset.

In setup status, first press [43], then press [#] to confirm. The host makes a long beep.   A "setting completed" voice prompt appears.

Operating: **[43]**⇨**[#]**
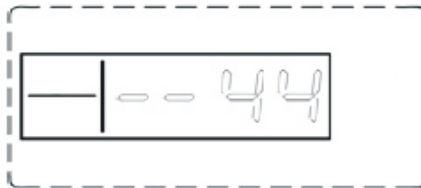
LCD display:

```
 ─┤─ ─ ─ 43
```

26. Host Historical Records Inquires Setting

In setup state, first press [44], then press [#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears. Press "2" to page down and press "8" to page up.

Operating: **[44]**⇨**[#]**
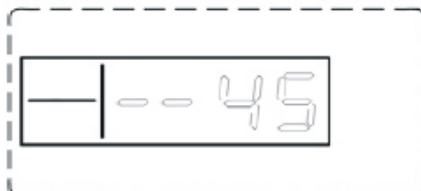
LCD display:

```
 ─┤─ ─ ─ 44
```

27. Host Historical Records Inquires Deleting Setting

In setup state, first press [45], then press [#] to confirm. The host makes a long beep. A "setting completed" voice prompt appears.

Operating: **[45]**⇨**[#]**

LCD display:

```
 ─┤─ ─ ─ 45
```

28. Arm/ Disarm Uploading to Centre Setting

To ensure safety, alarm receiving centre need to be informed or not when arm/ disarm

In setup status, first press [46]. Then choose whether alarm receiving center need to be informed [0/1], finally press [#] to confirm. The host makes a long beep. A "setting completed, please enter instruction" voice prompt appears. Factory value is [0]: do not inform the alarm receiving center.

Operating: **[46]**⇨**[0/1]**⇨**[#]**

> **"1"** indicates: inform the alarm receiving center.
> **"0"** indicates: don't inform the alarm receiving center

LCD display:

```
 ─┤─ ─ 4 6 1
```
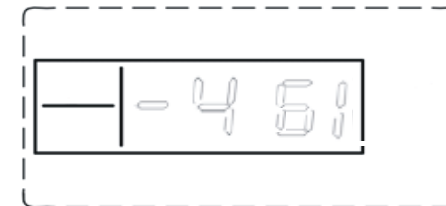
29. System Clock Setting

In setup state, use keypad to input [48], then input the last 2 digits [AA] of the present year, the two digits [BB] of the month, the two digits [CC] of the date. The two digits [DD] of the hour (24-hour system), the two digits [EE] of the minute, and finally enter [#] to confirm. You will hear a long beep and a voice prompt "setting completed".

Operating: **[48]**⇨**[AA]**⇨**[BB]**⇨**[CC]**⇨**[DD]**⇨**[EE]**⇨**[#]**

> **"AA"** indicates: the last 2 digits of the present year
> **"BB"** indicates: the 2 digits of the present month
> **"CC"** indicates: the 2 digits of the present date
> **"DD"** indicates: the 2 digits of the present hour
> **"EE"** indicates: the 2 digits of the present second

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

Operating: **[48]**⇨**[12]**⇨**[06]**⇨**[12]**⇨**[17]**⇨**[30]**⇨**[#]**

LCD display:

```
 ─│4812
```

30. SMS Phone Number Setting

In setup state, enter [49~50], then input phone number, finally press [#] to confirm. The host makes a long beep, the [signal] flashes at the same time. You will hear a voice prompt: setting completed.

Operating: **[49]**⇨**[YY…YY]**⇨**[#]**

YY…YY Indicates: phone number

Example: set 13911112245 to be first group alarm phone number

Operating: **[49]**⇨**[13911112245]**⇨**[#]**

LCD display:

```
 ─│2245
```

31. Alarm Phone Number Setting

In setup state, enter [51] ~ [56], then input phone number, finally press [#] to confirm. The host makes a long beep, the [signal] flashes at the same time. You will hear a voice prompt: setting completed.

Operating**: [XX]**⇨**[YY…YY]**⇨**[#]**

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

YY…YY indicates: phone numbers set well

Example: set 13811110751 to be first group alarm phone number

Operating: **[51]**⇨**[13811110751]**⇨**[#]**

LCD display:

```
 ─│0751
```

32. Call Number of Alarm Receiving Center Setting

When the internet host to Alarm, uploading data can do after Alarm Receiving Center phone number set well.

In setup status, enter address No. [57] ~ [58], then input phone number, finally press [#] to confirm. The host makes a long beep, the [signal] flashes at the same time. You will hear a voice prompt: setting completed.
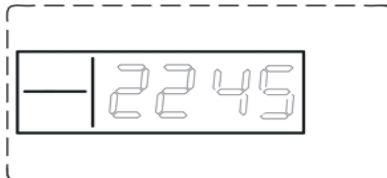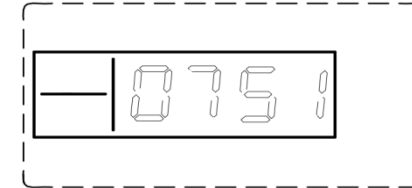
Operating: **[XX]**⇨**[YY…YY]**⇨**[#]**

XX indicates: 1~ 2 group add. code of **Alarm Receiving Center** [57] ~ [58]

YY…YY indicates: telephone (mobile)number set well

Example: set [13811110751] to be first group alarm phone number

Operating: [7]⇨[13811110751]⇨[#]

LCD display:

```
 ─│0751
```
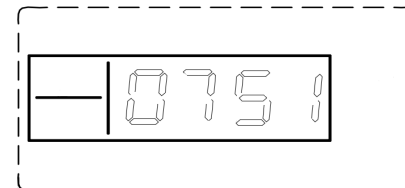
33. Defense Zone Alarm Type Setting

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

Operating: 【60】⇨【XX】⇨【 A 】⇨【 # 】

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

A Form 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.
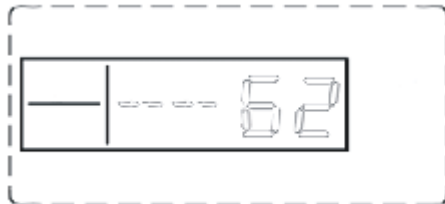
Example: 10-defense zone fire alarm operation

Operating: 【60】⇨【 10 】⇨【 2 】⇨【 # 】

34. Host GSM Signal Checking Setting

In setup state, press [62] and then press [#] to confirm. The host makes a long beep, you will hear a voice prompt: "setting completed". GSM signal value displays.

Operating: **[62]⇨[#]**

LCD display:

[Operation Instructions]

1. Main Host Status

System status: There are 4 status types as follows:

1) **Arm:** Defense zone 02-99 will alarm when detectors are triggered

2) **Home Arm:** In arm status, the defense zone which is set as [Home arm], when detectors are triggered.

3) **Disarm:** Defense zone 02-99 will not alarm when detector triggered (except 24 hours defense zone).

4) **System setup status:** In this status, all defense zones will not alarm when detectors are triggered.

2. Remote Controller Operation

U**ser can use remote controller to set system as Out Arm, Home Arm, Emergency Alarm, Real-time Disarm and etc.**

1) Out Arm: Press [🔒]

2) Disarm: Press [🔓]

3) Home Arm: Press [⚡]

4) SOS: Press [🔔]

3. Out Arm

It means to guard all around your house while everyone is going out; all the detectors of the host are always working; when the detector is triggered by detecting source(anti-theft, fire prevention, gas leak, etc), the alarm system will sound the alarm.

Press [Out Arm🏠] button on keypad, system will make a beep per second and totally 100 beeps. The [Out Arm🏠] indicator will be on without flashing. It means Out Arm is set successfully.

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)

LCD display:
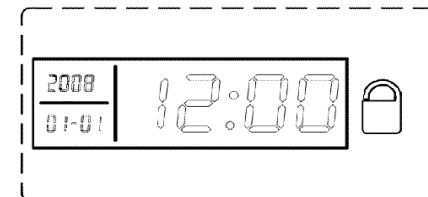
4. Home Arm

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 Home Arm, let just part of the detectors work and disable the other parts.

Notes: Home Arm only be operated by remote controller

Remote Control Operation: Just press [♦].

LCD display:

```
 ┌─────────────────────────────┐
 │  ┌────┐                      │
 │  │2008│   12:00         🔒   │
 │  │01-01│                     │
 │  └────┘                      │
 └─────────────────────────────┘
```

5. Disarm

It means to stop the alarm when the host sounds the alarm or makes the alarm system in the state of non-warning. 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 [🏠] on 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.

Remote Control Operation: Press [🔓].
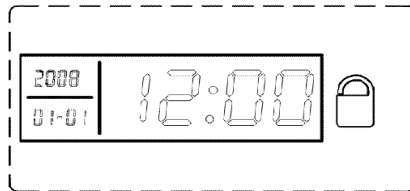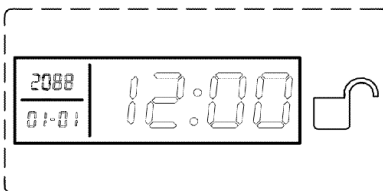
The Host Operating: Press [🏠] .

LCD display:

```
 ┌─────────────────────────────┐
 │  ┌────┐                      │
 │  │2008│   12:00         🔓   │
 │  │01-01│                     │
 │  └────┘                      │
 └─────────────────────────────┘
```

6. Answer Alarm Call

When the host sounds alarm, Siren releases voice prompt at once: first, would send out SMS, telling user which defense zone has alarm, then it will dial the preset numbers. 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 all, you will hear the pre-record voice. You can set system via your telephone or mobile phone keypad.

If you hang-up directly without answering the call, system will call each preset number for 3 times circularly.

Press [*]: Read the alarm information.

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 talkback 30s.

7. Remote control

The telephone (mobile) is connected to alarm host number, and after ringing times setting, 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 it is accessed, phone button could be used for remote control.

Press [1]: the host enters Arm state and voice prompts "Armed".

Press[2]: the host enters Disarm state and voice prompts "Disarmed".

Press [3]: the host enters monitoring state for 30 seconds and press [3] for 30 seconds delay repeatedly in case of continuous monitoring.

8. Remote SMS Control

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

SMS instructions as follows:

Host Arm SMS instruction: user password + ARM. For example: 1234 ARM. If you send out SMS, return back the message "Armed", show the host has entered into ARM state.

Host Disarm SMS instruction: user password + DISARM. For example: 1234DISARM. If you send out SMS, return back the message "Disarmed", show the host has entered into DISARM state.

Open Siren SMS instruction: user password + ONSIREN. For example: 1234ONSIREN. If you send out SMS, return back the message "Siren On", show the host Alarm has sounded.

Close Siren SMS instruction: user password + OFFSIREN. For example: 1234OFFSIREN. If you send out SMS, return back the message "Siren Off", show the host Alarm has closed.

Notes: The letters of the short message must be capitalized, the front and middle has no space.

9. 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[🔊]" ,remote controller key [🔔]. Alarm system will immediately sound loudly and automatically call the police.

Remote operation: press remote control [🔔].

Keypad operation: press console keypad [🔊].

10.Additional Function

This alarm system has dial-up function and could be used as mobile phone.

In disarming status, enter phone number ［13800138000］, then press ［☎］, main host makes a long beep, ［signal］ light starts flashing at the same time.

Call completed, press ［☎］, hang up, Main host will be in disarming state.

11.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 no good conditions.

Console 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.

Sensor detection:

1). Manually trigger the detector to check whether it sounds normal alarm.

2). Check batteries of all detectors to make sure whether it is under-voltage.

3). Check whether wireless detector is communicated with the host during emission testing

2. Notices

Alarm equipment, for explosion-proof design, shall not directly be used in hazardous location with Grade I, II and III (flammable and explosive places), otherwise it is very dangerous.

Do not dismantle, repair and modify products privately, or accidents and failures may be caused.

Do not drop the product on the ground or hard objects to avoid strong impact for failure and damage.

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. Table one

Technical Parameter	
Adaptor power：	DC12V　1000mA
Static consumption：	≤55mA
Alarm current：	≤450mA
Output current：	DC12V　150mA
Wireless frequency：	315MHz/433MHz
GSM	900/1800/1900MHz
Siren volume：	110dB
Backup battery：	NI-MH AAA*6 7.2V DC
Temperature：	-20℃ ～ +55℃
Humidity：	40% ～ 80%RH
Encoded mode:	2262 IC / 4.7MΩ

2. Table two

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	effective	Real-time	Yes

Administrator password	6666	Remote control	On
User password	1234	Siren	Off
Siren sound time	According setting time	Home appliance	Optional

3. Administrator password system setup command table

No	Setting item	Add	Data (XY)	Remark	Factory Default
1	Coding of Remote Controller	21	X	X=#	
2	Remote Controller Deleting	22	X	X=#	
3	Coding of Detector	23	X	X=02~99	
4	Single Wireless Detector Deleting	24	X	X=02~99	
5	All Wireless Detectors Deleting	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 Equipment Coding Setting	27	XXXX XXXX	XXXXXXXX=8 digit wireless equipment coding	
9	User ID Setting	28	XXXX	XXXX= 4 digit user number	
10	Siren Prompt Setting	31	X	X=1 siren prompt open，X=0 siren prompt closed	
11	Siren Ring Time Setting	32	X	X=00~15 minutes	3 minutes
12	Arm Time Delayed	33	X	X=00~99 seconds	0 second
13	Alarm Time delayed	34	X	X=00~99 seconds	0 seconds
14	Telephone Dial-up Cycle Times	35	X	X=00~09 times	9 times
15	Remote Call Ring Times	36	X	X=0~9 times	9 times
16	Artificial Recording	37	X	X=#, play automatically after recording	
17	Change User Password	38	XXXX	XXXX= 4 digit	1234
18	Change Administrator Password	39	XXXX	XXXX= 4 digit	6666

19	Keypad Lock Setting	40	X	X=1 open, X=0 closed	0
20	Host Timing Setting	41	X	X=1 open time setting function X=0 close time setting function	0
21	Host Arm or Disarm Setting	42	XXXX YYYY	XXXX= arm time YYYY= disarm time	
22	Host Reset	43	X	X=#	
23	Historical Records Inquires	44	X	X=#	
24	Host Historical Records Deleting	45	X	X=#	
25	Arm/ Disarm Upload to Center	46	X	X=1 inform Receiving Center X=0 don't inform Receiving Center	
26	Clock Setting	48	XXX YY	XXX=year, month，day, YY= hour, minute	
27	Host SMS Number Setting	49~50	X	X= SMS number	
28	Host Alarm Phone Number Setting	51~56	X	X=alarm number	
29	Host Center Call Number Setting	57~58	X	X= Call number of Receiving Center	
30	GSM Signal Checking	62	X	X=#	