

Hybrid Auto Dialer

GSM & PSTN



Thank you for purchasing our GSM dialer. This is designed to be compatible with any wired alarm panel, It is Simple to install and easy to maintain, Please read through this manual before using this product with other alarm panel.

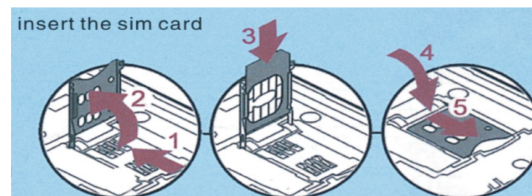
Main Features:

1. Supports both GSM and PSTN networks.
2. Quad Band: 850/900/1800/1900MHz.
3. 2 sections voice record (every one max 1 minutes).
4. 20 alarm memory number, 1-10 SMS number and 11-20 dialing number-.
5. 4 operation trigger Input + /-.
6. 4 controllable outputs by SMS.
7. Friendly LCD display operation.
8. Remote monitoring site and talking via phone.
9. Arm and disarm the alarm system by SMS and keypad.
10. Free charges. the call from authorized number control Output 4 turn ON/OFF.

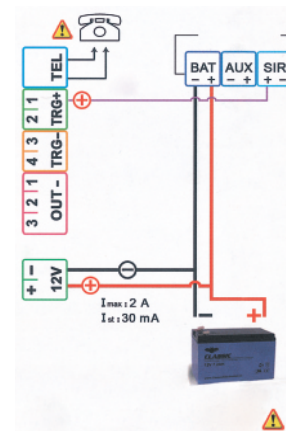
I, Simple Operation

1, Open the side screw, remove the back cover of device fix the back panel on the wall, distance between GSM dialer and alarm panel distance need more than 30cm at least.

2, Insert the SIM card, before use SIM card please inactive PIN code and make sure the SIM card have credit.



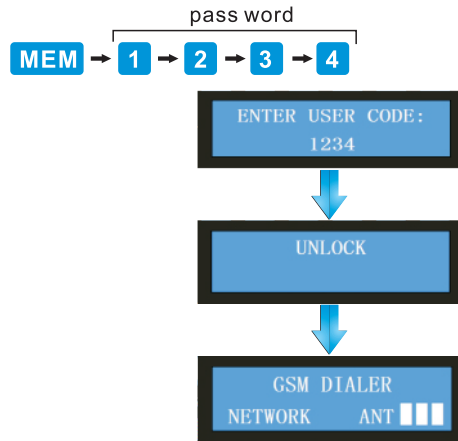
3, Connect the wire same as the diagram 1 close the dialer and fix the side screw, at the first connect the wire to the dialer ,the wire no close to the dialer antennal , use thick wire for +&-.



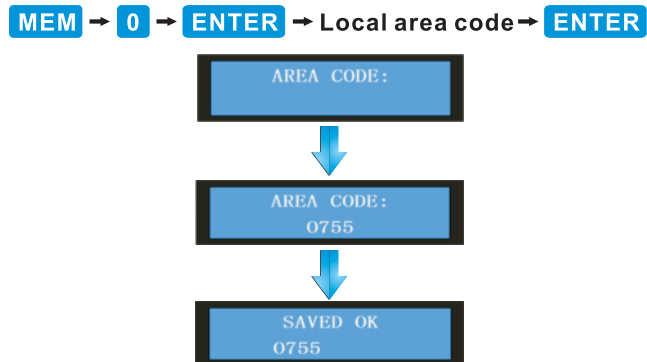
4, After connect the voltage to dialer please wait for boot up finally the LCD will show same as the picture.



5, Unlock the keypad.

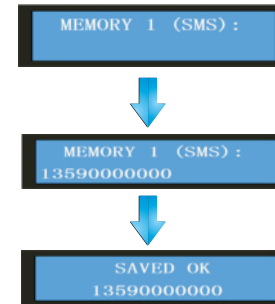


6, Enter the local area code for the city, the dialer is



7, Enter the Phone number in Memory 1 to 10th for send SMS.

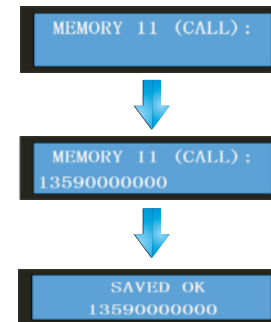
MEM → memory number (**1 - 10**) **ENTER** → Phone number → **ENTER**



8, Enter the phone number in memory 11-20 for dialing.

MEM → memory number (**11 - 20**) → **ENTER** → Phone number → **ENTER**

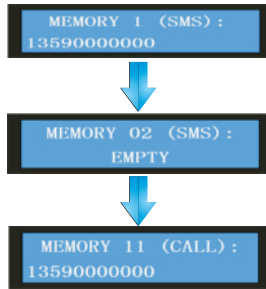
Notice: please enter all the number with local area code same as dialing by the mobile phone.



9, Check alarm number.

MEM → memory number (**01-20**) → **CHECK** → **CHECK**

Press check button again for see the next number.



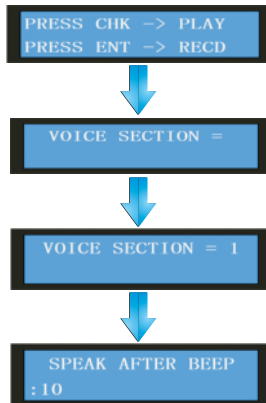
10, Recording voice message.

MESSAGE → **ENTER** → **1** or **2** → record message → **ENTER**

1 for trigger 1 voice message.

2 for trigger 2 voice message.

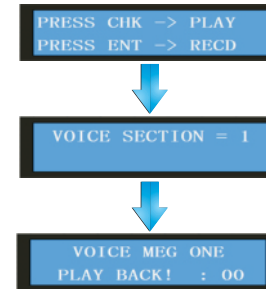
Notice: Recording time at least more than 10 seconds, when the alarm is triggered if there is no any voice recording content, dialer will not dialing the numbers.



11, Playback Voice message.

MESSAGE → **CHECK** → **1** The first section voice record

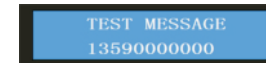
MESSAGE → **CHECK** → **2** The second section voice record



12, Test for send SMS.

MEM → **1** → **MESSAGE**

↓
The 1st number



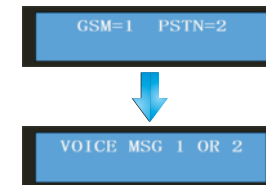
13, Test for Dialing by SIM card.

MEM → **11** → **MESSAGE** → **1** → **1**

↓
The 11st number

↓
dialing by sim card

↓
playback the 1st
section voice recode



GSM DIALING . . .
13590000000

14, Test for Dialing by Landline.

MEM → 11 → MESSAGE → 2 → 2
The 11st number Dialing by landline playback the 2nd section voice recorder

GSM=1 PSTN=2

VOICE MSG 1 OR 2

PSTN DIALING . . .
13590000000

CONNECT OK !
PLAY BACK : 00

15, Stop Dialing.

MEM → * → 0 0

SMS command: *1234*00 dialer will reply a SMS SET OK and stop dialing after few seconds.

DISCONNECTED

Notice: Memories 1-4 are system administrators. Only system administrators can do this operation.

14 Change Passwords.

MEM → 9 8 → ENTER → old password → new password

MEMORY 98

NEW PASSWORD
888888

SAVED OK
888888

Notice: The dialer default password is 1 2 3 4 , remember if you changed password, you must change the all SMS command order.

15. Query setting status.

In memory 1 to 4 number can send text *1234* ? To SIM card number. The setting status message will be replied:

TRIG1: NORMAL!
TRIG2: NORMAL!
TRIG3: NORMAL!
TRIG4: OFF!
OUT1: OFF!
OUT2: OFF!
OUT3: OFF!
OUT4: OFF!
TELE LINE: ENABLE

Notice: value of default setting will be changed once user finish programming.

II, Operation Step

1, Turning off LCD

Dialer's LCD display 2 minutes after every activity turns off monitor and locks the keypad. For turning on the monitor press any key.

For unlock the key pad press **MEM** button and after that enter the user code.

Default user code is: **1 2 3 4**

For lock the key pad manually press **MEM** and then press **ENTER**.

2, Record voice message

MESSAGE → **ENTER** → **1** or **2** → record message → **ENTER**

1~ the first section voice message

2~ the second section voice message

Notice: Recording time at least more than 10 seconds, when the alarm is triggered if there is no any voice recording content, dialer will not dialing the number.

3, Playback Voice message

MESSAGE → **CHECK** → **1** first section voice record

MESSAGE → **CHECK** → **2** second section voice record

4, Entering phone numbers for send SMS

MEM → memory(1-10) → **ENTER** → mobile phone number → **ENTER**

Notice: Memories 1-4th are system administrators.

5, Entering phone numbers for dialing

MEM → memory(11-20) → **ENTER** → phone number → **ENTER**

6, Check alarm number

MEM → memory number(**01-20**) → **CHECK** → **CHECK**

Press check button again for see the next number.

7, Test of send SMS

MEM → memory(1-10) → **MESSAGE**

Dialer will send SMS to the number which exists in the memory 1-10.

TEST MESSAGE FROM DIALER

BETER YOU CHANGE THIS TEXT IN YOUR DESIGN

8, Test of Dialing by SIM CARD

MEM → memory(11-20) → **MESSAGE** → **1** (GSM) → **1**

(the 1st voice record)

Dialer will be start dialing by sim card to the number which exists in the memory and play back the first voice record.

9, Test of Dialing by telephone line

MEM → memory(11-20) → **MESSAGE** → **2** (PSTN) → **2**

(the 2nd voice record)

Dialer will be start dialing by telephone line to the number which exists in the memory and play back the second voice message.

10, Stop Dialer

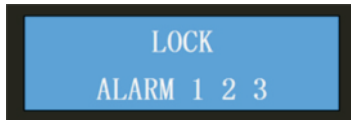
MEM → * → **0** → **0**

SMS Command: ***1234*00** dialer will reply a SMS **SET OK**, and stop dialing after few seconds.

Notice: Memories 1-4 are system administrators. Only system administrators can do this operation.

11, Memory of Alarm:

Any triggered alarm happened when you are away, dialer will showing **ALARM 1 ,2 or 3** on LCD remind of user. These remind will be clear by press any of dialer keypad button.



12 .Mode of the TRIGGER

1) Trigger mode 1: LEVEL TRIGGER:

In this mode, once the time of trigger signal stop (the time of siren stop), then dialer doesn't dial again.

To make this part activated:

MEM → **#** → **#** → **#** → **3**

2) Trigger mode 2: EDGE TRIGGER:

In this mode, once the time of trigger signal stop (the time of siren stop), dialer will be dial all of the phone number in memory.

To make this part activated:

MEM → **#** → **#** → **#** → **4**

13. Inactive the phone Line

If you do not need landline to dialer better inactive it.

MEM → **#** → **#** → **#** → **6**

After inactive phone line dialer will be use SIM card for dialer.

Active the phone line

MEM → **#** → **#** → **#** → **5**

14, Trigger mode selection

The device has been 4 trigger. Trig1, Trig2 positive trig and Trig3, Trig4 negative trig.

1), Operation Trig1

Whenever Trig1 connect to positive 12 volt for 3 second dialer will be triggered

Dialer will be send the SMS to memory 1-10 **ALARM ON TRIG1**

Dialer will be call by sim card to memory 11-20 and play back the first section recorded message.

Dialer will be recall again with the missed number by the telephone line.

Notice: only phone number in memory 1-4 can send SMS

***1234*00** and stop the more dialing.

2), Operation Trig2

Whenever Trig2 connect to positive 12 volt for 3 second dialer will be triggered

Dialer will be send the SMS to memory 1-10 **ALARM ON TRIG 2**

Dialer will be call by sim card to memory 11-20 and play back the second section recorded message.

Dialer will be recall again with the missed number by the telephone line.

Trigger 2 and trigger 1 function are same, only different is play back the second section voice record

3), Operation Trig3

Whenever Trig3 connect to negative 12 volt for 3 second even trigger stop, Dialer will be call by telephone line to memory 11-20 and play back the recorded message.

Notice: If you inactive phone line dialer will be use SIM card to dial memory 11-20 and play back the recorded message.

4), Operation Trig4

Memories 1-2 are system administrators. In this mode dialer will be send the status for administrators.

Whenever Trig 4 connect to negative 12 volt dialer will be send Trig 4:ON by sms to memory 1-2.

Whenever Trig 4 disconnect of negative 12 volt dialer will be send Trig 4:OFF by sms to memory 1-2.

You use this input for power cut notification,

For use Trig 4 you need intermediate circuit

15, Change text message

Dialer has specified text sms for each trigger.

For example Trig 1: dialer will send **ALARM ON TRIG1**.

User can change text sms content by the send sms to dialer less than 40 characters.

***1234*92* ATTENTION RISK**

Change Trig 1 text sms: ***1234*91* new text**

Change Trig 2 text sms: ***1234*92* new text**

Change Trig 3 text sms: ***1234*93* new text**

Change Trig 4 active text sms: ***1234*94* new text**

Change Trig 4 inactive text sms: ***1234*95* new text**

Notice: Memories 1-4 are system administrators. Only system administrators can do this function.

16, Output model Selection and Setup

Dialer included 4 negative output O1,O2,O3,O4 when ever active.

User can send SMS for active and inactive this outputs and also use this action for control other devices.

1), Output 1 (O1)

Whenever user send the sms ***1234*11** to dialer Output 1 can be active such as pulse output for 2 second.

2) Output 2, Output3: these output have different mode (O2~O3).

2.1), Mode 1: out2, out3 pulse trigger output same as output 1.

MEM → **#** → **#** → **#** → **7**

Text sms for active out 2: ***1234*21**

Text sms for active out 3: ***1234*31**

2.2), Mode 2: out 2, out3 will be operating such as on /off for this choose please do fowling.

MEM → **#** → **#** → **#** → **8**

Text sms for active out 2: ***1234*21**

Text sms for inactive out 2: ***1234*20**

Text sms for active out 3: ***1234*31**

Text sms for inactive out 3: ***1234*30**

Notice: only phone number in memory 1-4 can send SMS for active or inactive out puts.

3), Output 4 (O4)

Free charges. the call from authorized number to the dialer ring after 3-5 seconds, dialer automatically hang off, and O4 relay action 3 seconds.

3.1) Active the number for control O4

MEM → ***** → **11** → **#** → phone number (1-20) → **ENTER**

11~ active the number for control O4.

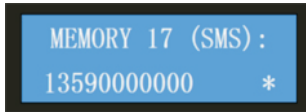
For example:

MEM → ***** → **11** → **#** → **1** → **ENTER**

This command means the 1st alarm number active can call back for control O4 relay output for 3 second(specially use for auto gate).

MEM → * → **11** → # → **17** → **ENTER**

This command means the 17th alarm number active can call back for control O4 relay output for 3 second (specially use for auto gate).



When you check your telephone number in memory 1-20th, the number with an * behind means it had O4 control function.

3.2) Inactive the number for control O4

MEM → * → **10** → # → phone number (1-20) → **ENTER**

10 ~ Inactive the number for control O4.

For example:

MEM → * → **10** → # → **11** → **ENTER**

This command means the 11st alarm number inactive; cannot support call back control O4.

MEM → * → **10** → # → **3** → **ENTER**

This command means the 3rd alarm number inactive; cannot support call back control O4.

17, Setup telephone remote control

When you received alarm calling from dialer you can press * automatic into remote monitoring site and press # into two-way talking via phone, Hang up end for operation (This feature is only for dial by GSM).

authorized number can call back after 5seconds ring tone and input password with * (default password is 1234), automatic into remote monitoring site and press # into two-way talking via phone, (This feature is only for dial by GSM). Hang up end for operation.

1) Active the number for call back remote monitoring

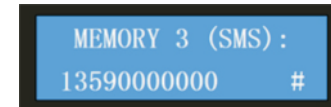
MEM → * → **12** → # → phone number (1-20) → **ENTER**

12~ active the number for remote monitoring.

For example:

MEM → * → **12** → # → **3** → **ENTER**

This command means the 3rd alarm number active can call back automatic into monitoring site and two way talking.



When you check your telephone number in memory 1-20th, the number with an # behind means it had remote monitoring function.

2) Inactive the number for call back remote monitoring

MEM → * → **10** → # → phone number (1-20) → **ENTER**

10~inactive the number for remote monitoring.

For example:

MEM → * → **10** → # → **7** → **ENTER**

This command means the 7th alarm number inactive cannot call back automatic into monitoring site and two way talking.

18, Query setting status

In memory 1 to 4 number can send text *1234*?
To SIM card number. The setting status message
be replied :

TRIG1: NORMAL!
TRIG2: NORMAL!
TRIG3: NORMAL!
TRIG4: OFF!
OUT1: OFF!
OUT2: OFF!
OUT3: OFF!
OUT4: OFF!
TELE LINE: ENABLE

Notice: value of default setting will be changed once user
finish programming.

19, Alarm Status of SIREN:

At the time of dialing after every playback of voice message
if siren continues, dialer will sound 3 beeps remind user, and
if siren stops, dialer will sound one beep for remind of user
of the alarm status.

20, Re-start dialer

In case if the dialer operation error, press * button for 5
second dialer will be off and on In this way, all of phone
numbers and message will be deleted and user can be
restart to program the dialer again.

21, Forget Password

1. Disconnect the power of dialer and wait moment
2. Press 0 button for several seconds and connect the
power of dialer.
3. After showed RESET USER CODE on LCD, release 0
button.
4. Default password is: 1234

22, Reset-Delete all of the memories, message and SMS

1. Disconnect the power of dialer.
2. Press ENTER button for several seconds.
3. Connected the power of device.
4. After showed RESET on LCD, release ENTER button.
In this way, all of phone numbers, SMS and message will be
deleted and the dialer settings will be reset to default
setting.