

GSM AUTO-DIALER

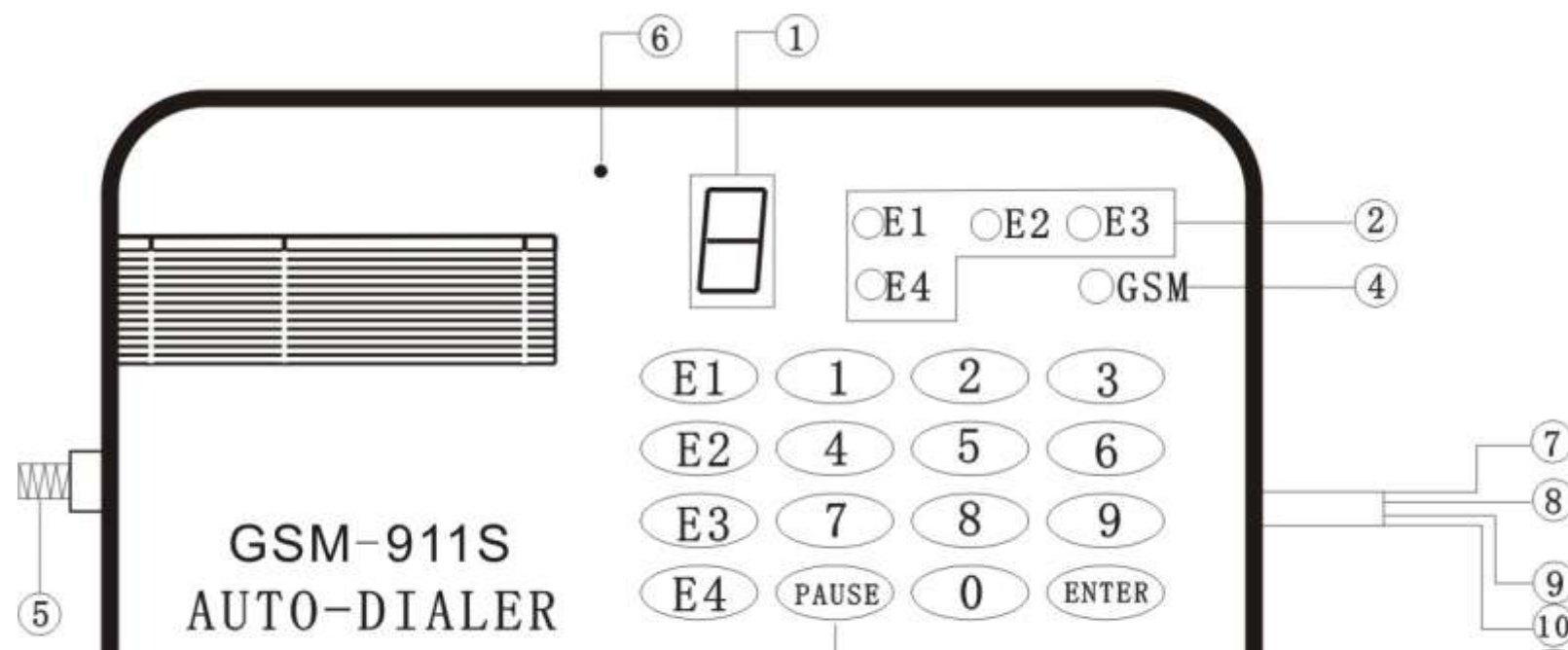
GSM-911S/GSM-911S-8

1. Electrical Characteristic

- Voltage: DC 12V to 15V
- Static current: 40mA (operating voltage DC 12V)
- Operating current: 150mA (MAX) (Operating voltage: DC 12V)
- Triggering mode: N.C, N.O and voltage signal. 3 kinds of triggering modes can be chosen.
- Transmission ways: GSM network. GSM frequency: 900/1800Mhz or 850/900/1800/1900Mhz
- Record time: 10 or 20s, phone numbers and voice record will be saved after power off
- phone numbers: can preset 4 or 8 groups, 16 digits for one group maximum
- Private code protection: 4-digit private code can withdraw alarm and programming
- The system support SMS (short message) alarm and voice alarm
- Initial password/code: 0911
- Repeated dialing after alarm failure, times can be set
- Support 15mins relay output after alarm (can connect siren etc.)

GSM SECURITY ALARM AUTOMATION SYSTEM

2. Main part names and functions:



- (3): PAUSE key → has following functions:
- (a) Preset 4 digits password
 - (b) While used for internal program-controlled t
Press 1 time: 2s, two times: 4s, and so on.

(4): GSM indicator:

- (a) LED indicator off, means GSM module pow
- (b) 600ms on and 600ms off: SIM card has not
- (c) 75ms on/3s off: network register success, (
GSM module works normally.
- (d) LED indicator on, alarm triggering is in proo

(5): GSM antenna connection

(6): MIC

- (7) (8): Connect to DC 12V power, match red c
cable (or brown) to negative electrode.

- (9) (10): Signal triggering line: Regardless elec
to positive electrode, green cable to ne

(11): Relay NO output end (red cable)

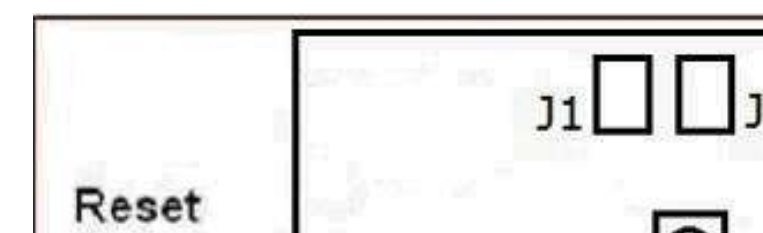
(12): Relay output COM end (black cable)

(13): Relay NC output end (yellow cable)

While alarm triggered, relay output can s
restore after 15min (can stop it by stop al

3. Set triggering signal

- (1) Open back cover
- (2) See two jumpers J1, J2 on circuit board, sid
(See picture 1)
- (3) Triggering signal, please select jumper bloc
(See picture 2)
 - (a) N.C input: put both J1 and j2 on "left"
 - (b) N.O input: put J1 on "right" and J2 on "lef
 - (c) Voltage input: put J1 on "left" and J2 on "r



If password input is correct, "5" will display and enter programming state, if wrong, "E" will appear (means error) and return to running state. Input again following the above steps.

(2) Inquire SMS center numbers

Under programming state (in "5" state):

Pulse "3", and then "9", display SMS center number saved in SIM card will be, and hear a "Du" voice after display.

(3) Save alarm receiving numbers and alarm means

This dialer has two alarm means: ①voice alarm ②SMS alarm

Under programming status ("5" displayed), can press E1, E2, E3, E4 to save alarm receiving numbers and alarm means.

Example 1: number is 13276988461, alarm means: voice alarm. Operation: E1 → 13276988461 → ENTER → 1 → ENTER. Start saving number when the 1st "ENTER" input in. If "A" displayed, means correct input, wait for input alarm means, pulse "1": choose voice alarm, then pulse "ENTER" to begin to save alarm means. If "0" displayed means a correct input, and then return to state "5". User can input it again in state "5".

Operation for delete the 1st group number is: E1 → ENTER.

Example 2: number is 13276988461, alarm means: SMS alarm. Operation: E1 → 13276988461 → ENTER → 2 → ENTER.

(4) Inquire the saved numbers and corresponding alarm means

Under programming state ("5 displayed), pulse "3" and then E1/E2/E3/E4, numbers and corresponding alarm means will display. Operation: "3" → E1/E2/E3/E4 → display alarm means → A → display numbers, hear a "Du" voice after display.

(5) Save and play alarm voice

(a) GSM-911S can save 10 or 20 secs voice record. (shorter record has the best quality).

Under programming state ("5" displayed), pulse "1" (" 『" displayed means begin record.),

programming as following :begin talking and recording → Du voice (Stop automatically after finish record)

(b) Play recorded voice: Under programming state ("5" displayed), pulse "3, 2" ("p" appeared means play), 10 or 20 secs record play begins, and hear a "Du" voice after finishing.

(6) Save short message (can input by user)

Under programming state ("5 displayed), pulse "2" then send an SMS to the SIM card number of GSM-911S (**no more than 70 bytes/letters. If more than 70 bytes, it will only identify the front 70 bytes.**). If "0" displayed after message was been sent (and heard a Du voice), it means message has been input and will return to state "5"; if "E" displayed

(8) Repeated dialing times after alarm failure

(a) In programming state (in state "5"): pulse " correct input, and then return to state 5.

Repeated dialing times after alarm failure (**init**

0: unlimited dialing;

1-9: repeated dialing 1-9 times;

(b). **inquire repeated dialing times after ala**

LED display repeated dialing times, and hear a

(9) Save and inquire password:

(a) To store password (Initial password is 09 operations in programming state (in state " means finish input (private password must "5". User can input it following the above pr

(b) Inquire password; in programming state (s hear a voice "Du' after display over.

(c) If forget password, open the back cover an initial one: 0911, but other information (data

(10) Reset to initial setting:

In programming state (in state "5"), pulse "8", and return to state 5.

(11) Turn on/off GSM module signal display

In normal working state (when decimal point of GSM module signal display. (The highest level in 0 level. Initial setting: display GSM signal lev

(12) Stop alarm dialing.

While triggered, GSM AUTO-DIALER will auto input private code while "0" displayed. Suppose is correct, alarm will be withdrawn after heard "

For example; code is 1234, operation steps: a digits correct code, incorrect code will fail to wi

Please pay attention that while alarm: Wit