

AUTO-DIALER 911

Microchip Automatic Alarm Instrument

CCTV Security Alarm Automatic System

Electric Features

Working Voltage: DC 11V TO 15V

Static Current: 20mA (MAX)

Dial Mode: Audio frequency/pulse, jumper selection J1

Alarm Mode: N.C., N.O. and voltage signal jumper selection J2 and J3

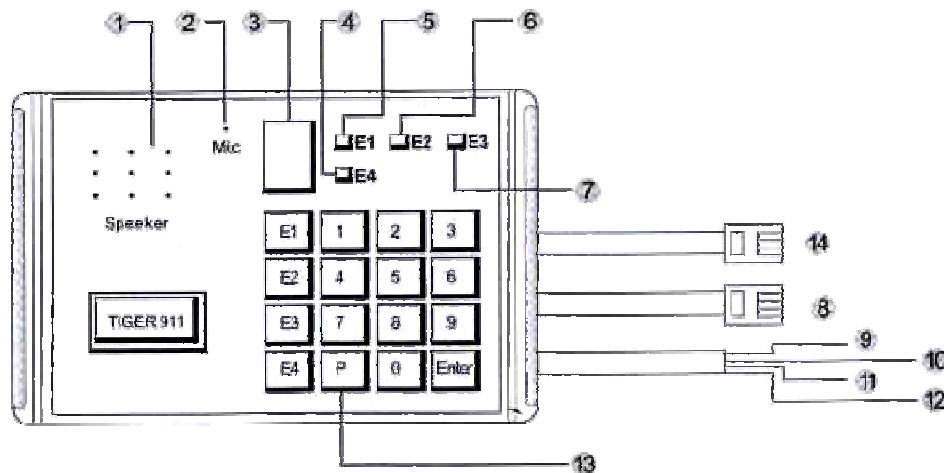
Recording Duration: 20 seconds, telephone numbers and audio information remain intact even if the power is off.

Telephone Number Storage: 4 groups of telephones and each group is able to save as long as 16 digits.

Second-level Private Password: 0-6 digits Private Password, and the first three digits can be used to stop alarms and the whole (six digits) can be used to modify the settings.

Default Password: 911

Outer Appearance Figure



Note: Four groups of telephone numbers can be saved like E1, E2, E3 and E4.
Each group of telephone number can save 16 digits maximum.

①Trumpet/speaker

②Microphone

③7- Segment Display: When putting in the number to be saved, it will show up simultaneously

④E4 indicator: When setting up the E4 number, it will be on.

⑤E1 indicator: When setting up the E1 number, it will be on.

⑥E2 indicator: When setting up the E2 number, it will be on.

⑦E3 indicator: When setting up the E3 number, it will be on.

If the password is being configured, the E1, E2, E3 and E4 indicators will be on together

⑧ Connect with the telephone plug

⑨⑩ Connect with the DC12V power supply and the orange wire (or red) is for the positive pole and the brown wire (or black) is for the negative pole.

⑪⑫Signal trigger wire, When connected to the N.C. or N.O., the polarity of electrodes can be neglected. But when dealing with the DC12V, the blue wire (or yellow) is for the positive pole. The green wire is for the negative pole.

⑬ P button can be used as follows:

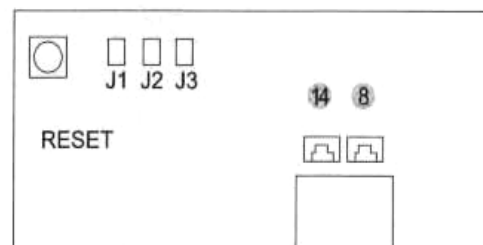
Store 6 digits as password;

When using a voice automatic feedback system main switcher, it can be used to set up the "Hold-on/pause" Duration. Press once, you get two seconds, press twice pause is four seconds etc. With such a function, the call can be reached to the extension automatically.

⑭ Connect to the series telephones

Set Trigger Signal and Telephone System:

- ① Open the back-cover.
- ② Three jumper J₁, J₂ and J₃ are set on the printed circuit board in sequence.
The trigger signal and telephone system can be regulated in accordance with the figure below.



As shown in the figure: TEL for Telephone and LINE for the Telephone-line

		TEL		LINE		Telephone
TONE / PULSE				N.C. / N.O. /		VOLTAGE
	J1	J2		J3		
TONE	■	■		■		N.C.
PULSE	■	■		■		N.O.
		■		■		VOLTAGE

- ③ Conform to the regulations of the Telecommunication Office to set up the telephone into either TONE or PULSE system.
Bridge both pins in the “left” of Jumper J1, TONE system is activated.
Bridge both pins in the “right” of Jumper J1, PULSE system is activated.
- ④ Trigger signal, please according to the guarantee of the output connector after host computer or inductor is triggered, select the proper jumper seat combination.
(A) N.C. Input: Place J2 at the “left” side, and place J3 at the “left” side too
(B) N.O. Input: Place J2 at the “right” side, and place J3 at the “left” side
(C) Voltage Input: Place J2 at the “left” side, and place J3 at the “right” side
- ⑤ After completing the setting, please place the cover back.

Microcomputer Automatic Alarm Auto-Dialer Operation Procedures

Self-test after Being Turned on:

After self-test, the instrument is ready to work and the decimal point at the lower right corner on the 7 segment display will turn on and off continuously/blink. If information already existed, the AUTO-DIALER will alarm automatically upon receiving the alarm signal. If necessary to setup or change the configuration, please follow the following procedures to save and check telephone numbers and passwords as well as to record and play back recorded files:

1 Log into the Programming Mode:

First press **P**, then put in the Private Password (0-6 digits), then press enter

Note: The Default Password is 911

For instance: Log into the Programming Mode as follows at the first time for a new instrument:

P → ⑨ → ① → ① → **ENTER**

If the password you put in is correct, display **□**, and then log into the Programming Mode and display **S** ,If the password you put in is incorrect, display **E**, return to the working mode, then try again according to the above steps.

2 Save the first group of telephone numbers

In the Programming Mode, namely, the screen displays 5:

For instance, if the telephone number is 93953399, the operation procedures are as follows:

A (E1) → 9 → 3 → 5 → 3 → 3 → 9 → 9 → ENTER

Press **ENTER** to save the number, if **□** popped up, it represents the number is saved correctly, then return to the **S Mode**; If **E** came out, it suggests the number fails to be saved correctly; and the instrument will return to the **S Mode**. In the case, the user can redo again, If required to remove the first group of telephone numbers, press **E1** in the **S Mode** and then **ENTER** directly.

B When dialing to the voice automatic broadcast telephone exchange first of all and, without connection transfer by the operator, automatically dial to the extension. Supposed the extension number is 12, then save telephone numbers as follows:

(E1) → 9 → 3 → 5 → 3 → 3 → 9 → 9 → P → 1 → 2 → ENTER

C Press [P] once and the instrument pauses for two seconds and twice then for four seconds.

(As for how to save telephone numbers in Group 2,3 and 4, please refer to the procedures described herein)

3 Search the pre-saved telephone numbers:

In the Programming Mode, namely in the **S** Mode, press button 3 to display □, which represents CHECK. And then press the E1, E2, E3, E4 or PAUSE to start your intended search, the screen will display relevant numbers. The operation procedures are as follows:

3 → (E1) or (E2) or (E3) or (E4) or [P] → the screen begins to display the pre-saved telephone numbers or Private Passwords and ends each number or password with a single beep.

4 Save and play back the help audio information:

A This instrument can save 20-second audio information, and in the Programming Mode, namely in the **S** Mode, press button 1 (at this moment, □ pops up on the screen, representing RECORD), the process of recording initiates directly. The operation procedures are as follows:

① → Start speaking and recording → beep to terminate the recording (after 20-second, recording stops automatically.)

B Play back the help audio information: in the Programming Mode, press button 3 and then button 2, (at this moment, P pops up on the screen, representing PLAY), then play back the recorded help audio information. The operation procedures are as follows:

③ → ② → Play back the pre-saved 20-second help audio information → beep to terminate (after 20-second, playback stops automatically.)

5 Save and search the password

A Save the password:

Be able to save (0-6 digits) Private Password. The Default Password is 911.

If the Private Password is 714160, the operation procedures are as follows:

In the Programming Mode, namely in the **S** Mode, press [P] → 7 → ① → ④ → ① → ⑥ → 0 → ENTER, when beeps sound, the input is completed.

B Search the password:

In the Programming Mode, namely in the **S** Mode, press button 3 and then press [P] to make the password display on the screen. The operation procedures are as follows:

Press ③ → [P] → display the password and beep in the end.

C In the operation if the password gets lost, then it is required to open the cover on the back of this instrument. Then press RESET as shown in the Fig 1 restore the Default Password 911.

6 Three programmable alarm manners:

A Type in --5--0--enter: Once the alarm signal is triggered, then the continuous dial alarm sounds in three cycles, which can be silenced by entering the password. For details, please refer to the article 8.

B Type in --5--1-- enter: Once the alarm signal is triggered, then the continuous dial alarm sounds in one cycle, which can be silenced by entering the password. For details, please refer to the article 8.

C Type in --5--2-- enter: The dial is only made when the alarm signal remains active. Otherwise, then the dial alarm interrupts on its own immediately.

Check and Type in --3--5, the relevant A, B and C will show 1, 2 and 3 respectively.

7 Stop the alarm signal:

When AUTO-DIALER 911 is triggered, the dialer gets through one of those pre-saved telephone numbers to report alarm. If required to stop the automatic dialing process, type in the Private Password as ☐ appears on the screen. It is assumed that the password is 1, 2 and 3, as soon as typing in 1 → 2 → 3, the screen changes to display 1, 2 and 3. If the password is correct, the alarm is interrupted with beeps. If the password contains less than three digits, then "0" can be used as a substitute.

For instance: if the password is 1 and 2, The operation procedures are: in the ☐ Mode type in ① → ② → 0.

8 Notice:

A Alteration can be made to any pre-set configuration. As long as in the Programming Mode, namely in the 5 Mode, operate according to the steps mentions above and then changes can be saved automatically

B It is very important to install and operate correctly according to the specification. Along the process of business, we often encounter such a situation that the client complaints the malfunction about our products after installation. But it always turns out incorrect wire-connection or improper jumper bridging when our engineers come to investigate the compliant. Therefore, we appreciate our clients' special attention to the following:

- (1) Alarm Manner Setting (See Article 6 of the Specification for details)
- (2) Alarm Wire Trigger Manner and Jumper Setting (See the trigger signal and telephone system setting for details)
- (3) Connection of the Telephone Lines (See the trigger signal and telephone system setting for details)

C Trouble-shooting:

- (1) Able to trigger the alarm but failed to get through the number: The telephone lines are possibly connected in reverse.

- (2) No Alarm: The trigger manner might be configured incorrectly, namely J2 and J3 jumpers are set up incorrectly.
- (3) Noisy Audio Playback: Defective power supply of the dialer usually associates with such a problem.
- (4) Keep Dialing: Failed to select the alarm manner

D The method of using the dialer directly without requiring the telephone exchange:

- (1) Select the relevant trigger manner, and 911 can be connected to the probe, door magnetic sensor, emergency button and power on-off and thus forms an independent theft guard system
- (2) Arm: It is only required to turn on the power supply when leaving the house to activate the instrument.
- (3) Disarm: Press P 8 times to delay get through the telephone number 16 seconds. Press P once to postpone two seconds. After entering the house, put in the password to disarm the alarm or turn off the power supply within 16 seconds.