Telephone Auto Dialer
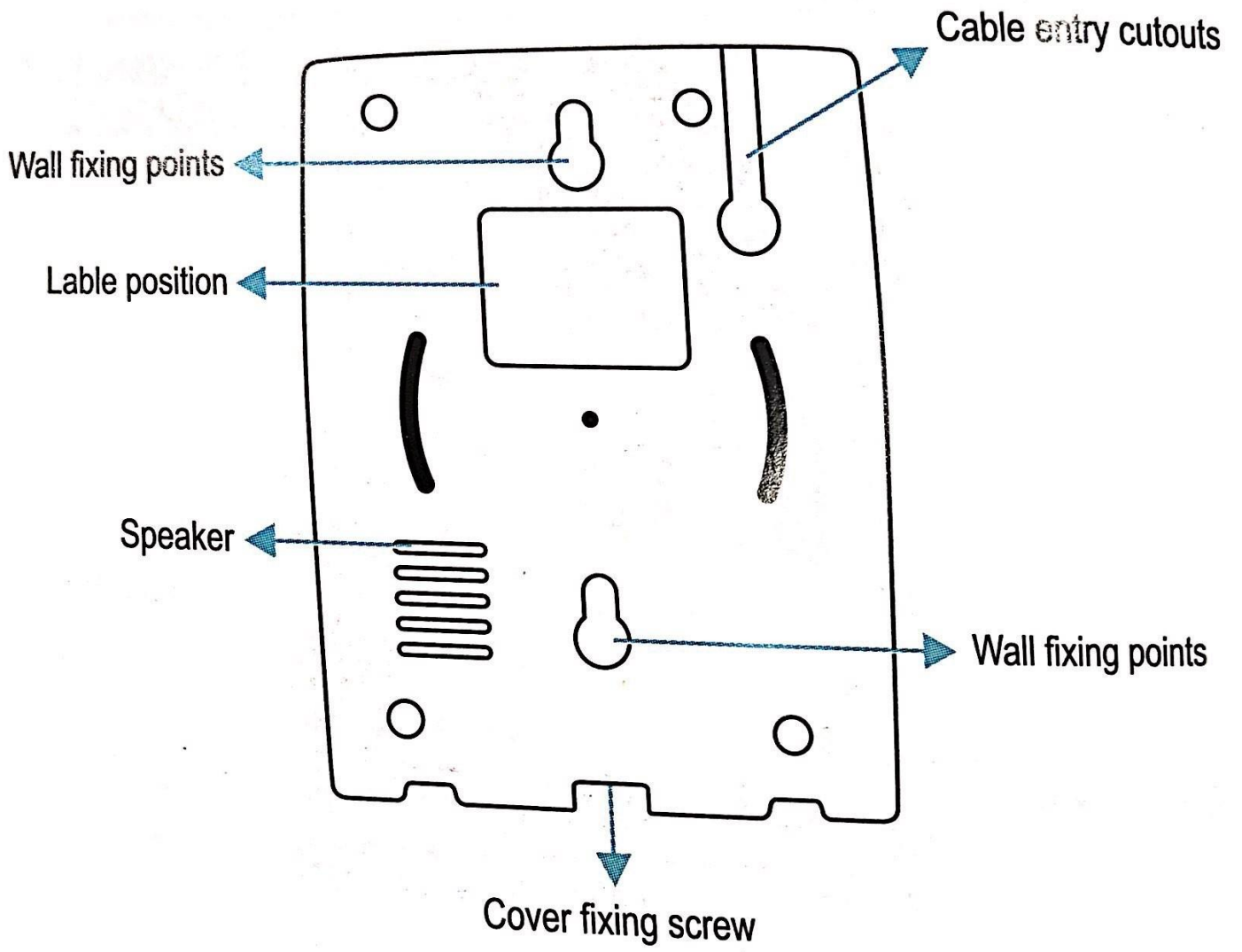
1 local message of 15 seconds, 3 alarm message 3 seconds each 3 trigger input(+,-), programable Remote control by answering alarm phone call Viewing the last event
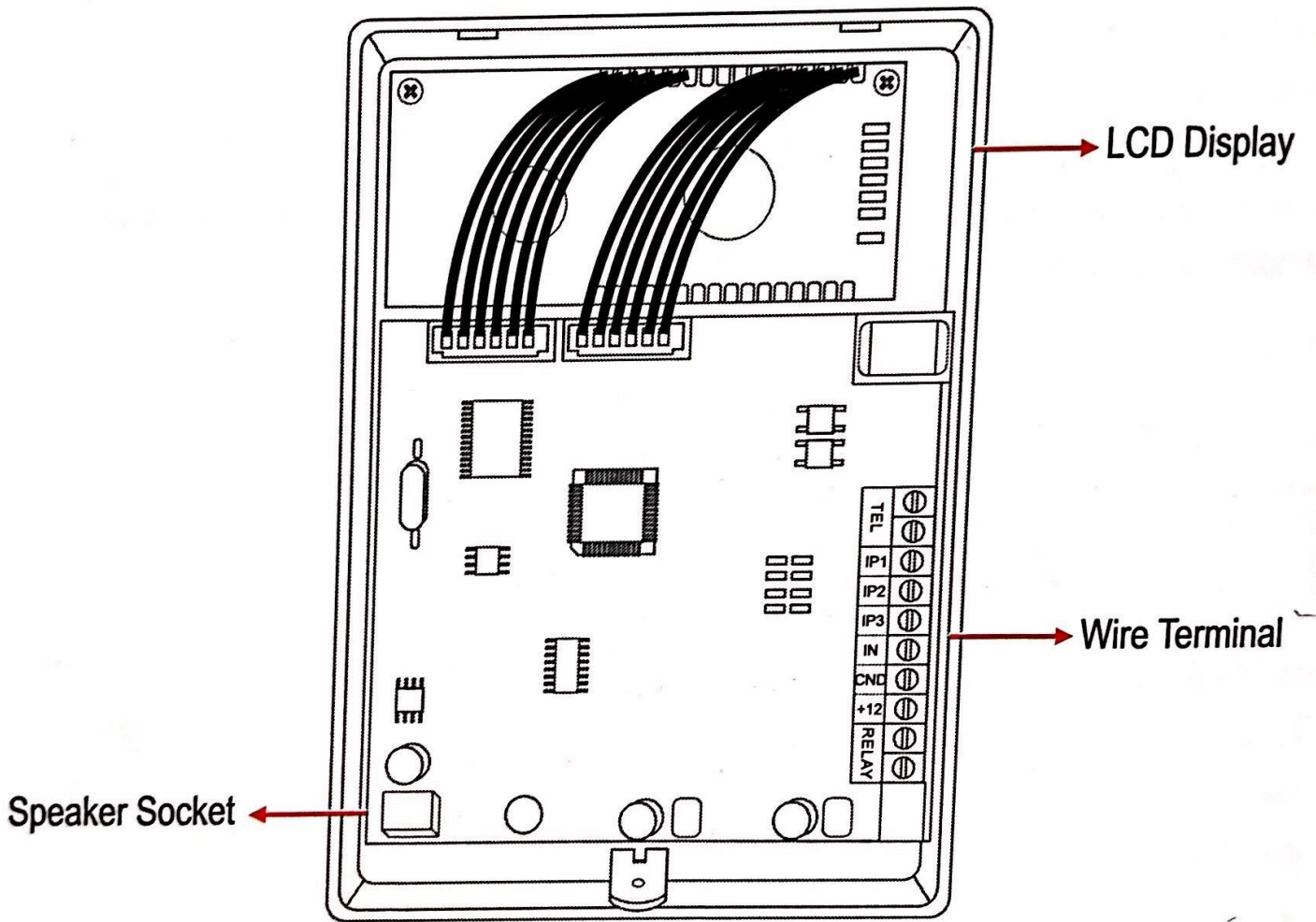
Technical Specifications

Power supply Voltage	DC10V-18V	Power supply current	50mA quiescent, 200mA(Max)when operating
Positive input trigger voltage	3.5V to 15V(Max)	Negative input trigger voltage	<1.0V
Temperature range(operating)	0 to 60°C	Dialing model	Tone (STMF)/Pulse Audio dialing
Trigger model	Level/ Edge Trigger	Ringer Equivalence Number	REN=1
Voice message	1(15S)+3(3S)	Alarm Model	N.C.,N.O selection
Alarm number	5 alarm numbers	Packing	40PCS 18KG
Size(AD20)	140*99*36mm	Size(AD40)	142*104*43mm

Installation

The telephone auto dialer for use with intruder alarm system. When the control panel recognizes an alarm it triggers the auto dialer. The telephone auto dialer uses a telephone line to dial the pre-programmed telephone number. It then replays a previously recorded message, thereby alerting the recipient of the call to the alarm and potential intrusion. Besides user can through answering phone call to operate the system remotely.

Cable entry cutouts

Wall fixing points

Lable position

Speaker

Wall fixing points

Cover fixing screw

Rear Side

LCD Display

Wire Terminal

TEL	⊕
	⊕
IP1	⊕
IP2	⊕
IP3	⊕
IN	⊕
CND	⊕
+12	⊕
RELAY	⊕
	⊕

Speaker Socket

Connecting the Power Supply

The dialer must be connected to a +12 V power supply which is fused at 2 Amps or less.

Standard alarm cable -7/0.2 mm multicourse or equivalent-should be used

Connect the alarm cable wiring-starting with +12V and 0V connections from the alarm panel and wire them into the +12V and 0V terminals of dialer

If the control panel is not being used as the power supply from dialer. then a common 0V connection between the control panel and dialer must be made.

Now wire as many trigger channels from the alarm panel to auto dialer as required

Tamper connections are provided for connection to host control panel. if required.

Programming
Engineer Programming

**Auto Dialer
Ready**

he dialer is on standby when only the green power ON LED is lit

To enter the engineer menu, key in the four digit engineer code with **ENTER**

The factory set engineer code is **8888**

ENTER→ 8888 →ENTER

1、Programming Telephone Number

Up to six telephone numbers can be programmed into the dialer.

Press **ENTER →8888 →ENTER** into the menu, you will see

Note: Setting success will issue DI

If there is no operation within 20 seconds,

the system will automatically exit and sounds DI~DI~DI~DI

Menu(1-12)
01 Alarm Number

a), Press **ENTER** key start to program first number

b), Press **UP** and **Down** Key to select (1-6) numbers you want programming with **ENTER**

c), Key in the telephone number end by **ENTER**. 14 digitals are allowed. The number is automatically saved once with sound DI

Delete number

a), Press **ENTER**

b), Select the telephone number to be deleted (1-6) with **ENTER**

c), Press **ENTER** again

The number is automatically deleted once with sound DI

2、 Recording Message

Menu(1-12)
02 REC / PLAY

you can program up to four message.

Message 0 is used as location message 12 seconds

Message 1, 2 and **3** are used as alarm message, Each 6 seconds.

To record or re-record a message:

a), Select the menu with the up and down keys.

b), Press **ENTER** to start the record

c), Press the number of the message (0-3, where 0 corresponds to the location message).

d), Key in 0= Record, 1=Playback

e), Now speak clearly into the microphone, The 12 seconds countdown is displayed on the screen

Example:

A location message can be Message **"0"**. This is the alarm system at Mr. David's house, Shennan Road, Futian. There is "

The alarm message can be

Message 1 " Fire alarm "

Message 2 " Personal Attack "

Message 3 " Intruder alarm "

The dialer automatically stops recording at the end of message delay. If the announcement to be recorded in message 0 is much shorter than 11 seconds you can stop the recording at any time by pressing **ENTER**.

After the message is recorded there is a short interval, after which the dialer plays back your recorded message

Playback of Message

To play any of the messages previously recorded, Please refer to the above steps of recording message.

3、 Setting Dial-up mode

> **Menu(1-12)**
> **03 Dialing Mode**

The dialer can be programmed to associate each of its three inputs either with a message or a telephone numbers;

Once: non-sequential dialing, which calls a particular number, depending upon the type of alarm

Sequential: to set up sequential dialing, which calls up to six numbers in succession

Set the Dial−up mode
a)、Select the menu with the up and down keys and press **ENTER** to start the
    program
b)、Key in 0= Once, 1= Sequential
c)、Press **ENTER** to finish. sounds DI

4、Setting Trigger Levels

Menu(1-12)
04 Trigger Level

The three inputs (IP1−IP3), and the inhibit input (INH), can be
individually programmed as Active High (+ ve trigger) or Actives Low
(− ve trigger).
An Active High input will trigger the dialer when the voltage present at
the input exceeds 3. 5 V (maximum is 15V)
An Active Low input will trigger the dialer when the voltage is less than
1. 0 V
To change the trigger levels
a)、Select the menu with the UP and Down keys a or press 04→ENTER to start
    the program
b)、Key in 0= Low Level, 1= High Level
c)、Press ENTER to complete the settings, and then press ESC to return to the
    menu to continue

5、Setting Trigger Mode

Menu(1-12)
05 Trigger Mode

The auto dialer has three programmable inputs, and the user can change the trigger mode of the input mode .

0= Once. The trigger signal is detected and the dialer starts dialing, the trigger signal stop dialer stops dialing .

1=Continuous. The dialer should continue to dial even when trigger signal stopped

To change the trigger mode

a)、 Select the menu with the **UP** and **Down** keys a or press **05→ENTER** to start the program

b)、 Key in 0= Once, 1= Continuous

c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

6、 Viewing the last event

Menu(1-12)
06 Last Event

When the dialer is triggered it will log the trigger input(IP1 to Ip3) in its event memory

To view last event

a)、 Select the menu with the **UP** and **Down** keys a or press **06→ENTER** to start the program

b)、 Key in 0= Once, 1= Sequential

c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

7、 Changing the Engineer Code

> **Menu(1-12)**
> **07 Password**

The engineer code is 8888 by default . You can change this as follows

a)、 Select the menu with the **UP** and **Down** keys a or press **07→ENTER** to start the program
b)、 Press **ENTER** again to key in new password
c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue. After code is changed, the dialer automatically resets to the top of the Engineering menu

8、 Performing a Test Call

> **Menu(1-12)**
> **08 Test Number**

To test that telephone numbers have been set up correctly the dialer can perform a test call. During the test call the speaker will be turned on so that you can hear how the call progresses. To generate a test call

a)、 Select the menu with the **UP** and **Down** keys a or press **08→ENTER** to start the program
b)、 Press **UP** and **Down** key (1 to 6) to select the number to be test.
c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

9、 Setting The Dialer Tone

> **Menu(1-12)**
> **09 Volume**

To confirm an action the dialer sounds a fast DI

To alert you to an error. or exit program the dialer sounds four DI~DI~DI~DI

you can alter the volume of the messages when they are played back. By default the dialer user medium 1

a)、 Select the menu with the **UP** and **Down** keys a or press **09→ENTER** to start the program

b)、 Key in 0=silent; 1= Medium; 2= Loud

c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

10、 Setting Ring Time for Remote Phone Control

> **Menu(1-12)**
> **10 Ring Times**

After the set ringing times user can make system setting from remote calling such as arm /disarm the system

a)、 Select the menu with the **UP** and **Down** keys a or press **10→ENTER** to start the program

b)、 Key in 0-9 time, default is 5

c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

11、 Setting Relay Working Time

Menu(1-12)
11 Relay Time

The dialer has one controllable relay, The relay working time can be programmed from 1 to 255 seconds. The factory setting relay working time is 10s.
a)、 Select the menu with the **UP** and **Down** keys a or press **11→ENTER** to start the program
b)、 Key in the number (1−255)
c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue

12、 Setting Play Times of Recorded Message

Menu(1-12)
12 Play Times

When the dialer is triggered.It will playback the recorded message ten seconds after the phone is connected, user can be set play times of recording messages once or twice, default setting is once
a)、 Select the menu with the **UP** and **Down** keys or press **12→ENTER** to start the program.
b)、 Key in 1= once; 2= twice
c)、 Press **ENTER** to complete the settings, and then press **ESC** to return to the menu to continue.

13、 Answering Alarm Phone Call to Start Remote Control

When an alarm occurs, the auto dialer will call the stored phone numbers. When answering the call. the user will hear the recorded voice message firstly. and you will have 10 seconds to programming after heard two beep. User can choose the related instruction to make remote control operation(see instruction below). If there is no operation within 30 seconds the dialer will hang up.

Press 1, will only play the message one time. There are 10s to programming after message.

Press 2, will only play the message twice time. There are 10s to programming after each message.

Press 3, it will play the message again.

Press 4, will start monitoring.

Press 0, will stop dialing, and will not dial any other numbers,

You can also call the dialer to control the relay outpu.

Press 8, the relay will start working, and automatically off after the preset time.

Press 9, it will off the relay.

14   Stop dialing through keypad

User also can stop dialing by keypad

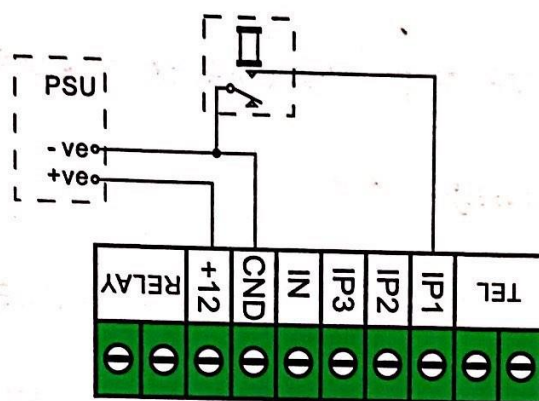Press **Esc**→**8888**→**Enter** in the keypad, dialer will stop dialing in few seconds.

15   Reset

Disconnect the power with dialer, press the **Enter** button and power up, It will issue a long beep, that means the dialer has been reset.
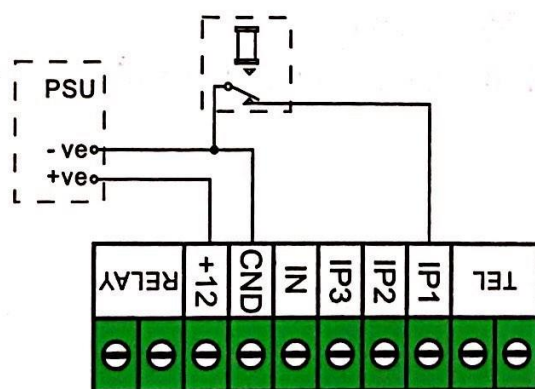
16、 Using the Dialer as a Standalone Unit

The dialer may be used as a standalone unit, i. e. NOT connected to an Intruder Alarm Panel. In this case, an external supply and switches can be used to operate the Inputs IP1, IP2 and IP3 to trigger the dialer, The Inputs can be configured for Active Low or Active High operation.

a), The diagram below is for an Active Low input configured using a relay to trigger IP1.

b), The diagram that follows is for an Active High input configured using a relay to trigger IP1. In this case the wiring is reversed, and inputs are connected to-ve.

Attention: If he inhibit (INH) is not being used, it should be left as Active Low.