

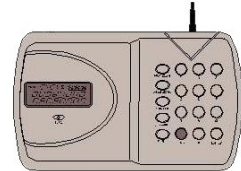
# GSM AD05

## Slave GSM Auto Dialer- Instruction Manual

**Please read these instructions before you start the installation**

### Features

- LCD display
- Programmable 9 x 32 digit phone numbers for each trigger.
- 10 second duration recordable message for each trigger.
- Built in memory for telephone numbers and programmed setting.
- Dual Triggers.
- SOS SMS message can be sent as alternative to voice message.
- Programmable as Silent Alarm (dial only) or Audible (siren + dialer).
- Cancel Message and Alarm at remote telephone using \* Key or cancel message only using # Key.
- Programmable daily, weekly or monthly test message.
- Network Provider Field Strength Indication



### Contents

- 1 x GSM Auto Dialer.
- 1 x Fixing kit and Installation & Programming guide.

## Installation

### Tools required:

- Small cross head screw driver
- Large cross head screw driver
- Number 6 masonry drill bit
- Hammer drill
- Small hammer
- Pencil, ruler and spirit level

### The Auto Dialer.

**Important:** before you install the Auto Dialer please take these into consideration.

1. Before you start to drill holes check for hidden wires and pipe work.
2. Keep the Auto Dialer out of reach of small children.

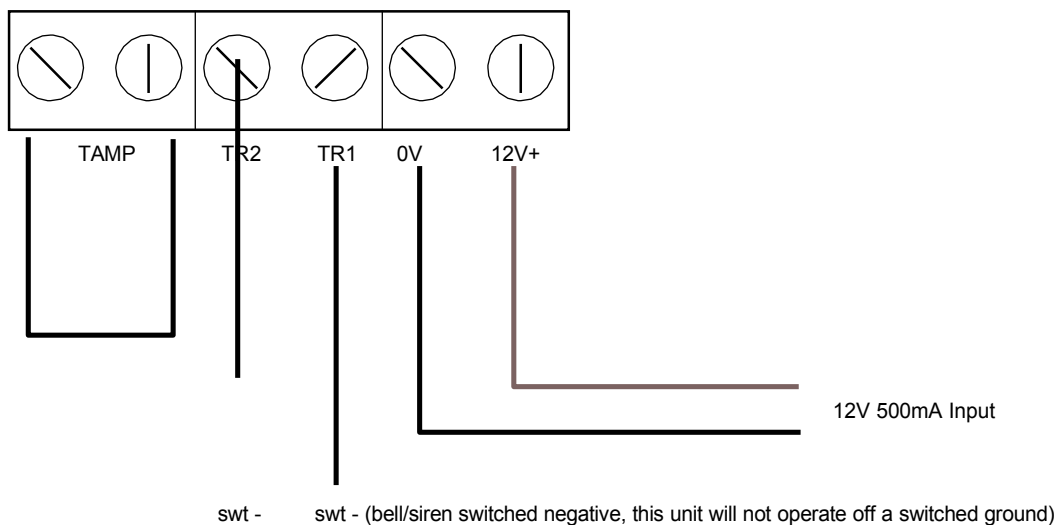
# Installation

## How to install the Auto Dialer

1. Mark and drill two holes on a horizontal line 160mm apart.
2. Insert the masonry plugs; screw the two fixing screws in the plugs leaving 2mm protruding.
3. Run a cable from the Alarm Control Panel to the Auto Dialer.
4. Trigger 1 = alarm switched neg.
5. Trigger 2 = alarm switched neg.
6. Remove the screw from the SIM card cover on the rear of the unit.
7. Slide back the SIM card holder (refer to arrows on holder) and insert SIM card with the cut corner at the top, close SIM holder sliding back in to the lock position.
8. Replace SIM card cover and small cross head screw.
9. Install back up battery pack to the connector inside the battery compartment.  
Connect the 12V power supply to terminals.(+12 and 0V).
10. Press 1 2 3 4 > ESC to turn the Dialer Off (Dialer turns on automatically when power first connected. Dialer must be Off to enable any programming.
11. The Auto dialer will beep three times and automatically start to search for the SIM card GSM network.
12. Place the Auto Dialer onto the wall, making sure the tamper switch is pressed in.
13. When the telephone logo is displayed on the LCD, you can now start to program the Auto dialer
14. Press 1 2 3 4 > ENTER to turn the Dialer On after programming has been completed

## Connections on the Auto Dialer.

**Important:** : The Tamper terminals are for connection to the NC (normally closed) tamper inputs on an alarm control panel. If they are not being used, please fit a loop of cable as shown.



## Programming Guide

**How to program the Auto Dialer** (if no key is pressed for 30 seconds, the dialer will automatically exit the programming mode.)

**IMPORTANT: THE SYSTEM MUST BE IN THE OFF MODE FOR ALL PROGRAMMING.**

**SINCE THE DIALER WILL AUTOMATICALLY TURN ITSELF ON WHEN POWER IS FIRST CONNECTED OR RECONNECTED, YOU NEED TO TURN THE DIALER OFF (ENTER CODE, DEFAULT 1234 AND THEN PRESS EXIT KEY) BEFORE YOU CAN START PROGRAMMING AS BELOW.**

### How to test the GSM Network Signal Strength

Press ENTER to display the Network reception quality on the LCD display. After a few seconds, a number between 0 and 7 will appear. The strongest reception quality is 7. The dialer should be installed in a location where the signal strength display shows 2 or above.

### How to check the IMEI code

Quick guide:

Press 1 2 3 4 > PROGRAM > 0 > ENTER > 3 > ENTER > 0 > ENTER.

- 1) Key in the four digit user PASSWORD code (factory default 1234).
- 2) Press PROGRAM > 0 > ENTER > 3 > ENTER > 0 > ENTER .
- 3) The IMEI code will be display on the LCD .
- 4) Press ESC to Exit .

### How to record the voice messages :

Quick guide:

Press 1 2 3 4 > RECORD > 1 > ENTER, Record message now.

- 1) Key in the four digit user PASSWORD code (factory default 1234).
- 2) Press RECORD.
- 3) Press 1 (to save as the message for Trigger 1) or 2 (to save as the message for Trigger 2).
- 4) Press ENTER to start record the message. You now have 10 seconds to record your message
- 5) Press ENTER to stop the recording, or wait for the 10 seconds to end.

### How to play the voice messages :

Quick guide:

Press 1 2 3 4 > PLAY > 1 > ENTER to play back the recorded messages.

(Notice: 1=The first message, 2=The second message)

### How to program phone numbers :

You can enter a maximum of nine telephone numbers for the triggers, each number can be a maximum of 32 digits.

Quick guide:

Press 1 2 3 4 > PROGRAM > 3 > ENTER > 1 > ENTER > Telephone number > ENTER

1. Key in the four digit user PASSWORD code (factory default 1234).
2. Press PROGRAM > 3 > ENTER. The number you press after the ENTER button will select the position in the sequence you want that telephone number to dial (1=1st number called, 2= 2nd number called).
3. Key in the first telephone number.
4. Press ENTER to exit the programming mode.
5. Repeat the process until you have entered all the numbers you wish the Auto Dialer to call once it has been triggered (maximum 9 different numbers).

## Programming Guide

### How to designate between Voice and SMS messages being sent :

Quick guide:

Press 1234 > PROGRAM > 0 > ENTER > 1 > ENTER > 0 > ENTER (Voice message)

Press 1234 > PROGRAM > 0 > ENTER > 1 > ENTER > 1 > ENTER (SMS message)

### How to program for a voice message :

Quick guide:

1. Key in the four digit user password code (default 1234)
2. Press PROGRAM
3. Press 0 > ENTER > 1 > ENTER > 0 > ENTER

### How to program an SMS message (SOS) :

Quick guide:

1. Key in the four digit user password code (default 1234)
2. Press PROGRAM
3. Press 0 > ENTER > 1 > ENTER > 1 > ENTER

### How to program the telephone number displayed as having sent the SMS message :

Quick guide:

Press 1234 > PROGRAM > 9 > ENTER > Telephone number > ENTER

1. Key in the four digit user password code (default 1234)
2. Press PROGRAM
3. Press 9 > ENTER > Telephone number
4. Press ENTER (the screen display will look like SOS 123456789. (123456789 = telephone number that is sending the SMS).
5. Press ENTER.

### How to program self test : (default Disable)

Most PAY AS YOU GO SIM cards will be disabled after a certain period if they are inactive (this period varies according to the network provider). Therefore, to stop this from happening, please enable the self test feature. This will programme the GSM dialer to send an SMS test message saying "TEST + Telephone number". (Programme this telephone number as above. This SMS message will be sent each month to the first number that is called in the event of an alarm. You can change this to be sent daily or weekly. (Note : The SMS message selftest will sent to the first telephoe number you have program only)

Quick guide:

Press 1234 > PROGRAM > 0 > ENTER > 2 > ENTER > 0 > ENTER (this will disable self test – default OFF)

Press 1234 > PROGRAM > 0 > ENTER > 2 > ENTER > 1 > ENTER (this will enable 30 days self test)

Press 1234 > PROGRAM > 0 > ENTER > 2 > ENTER > 2 > ENTER (this will enable weekly self test)

Press 1234 > PROGRAM > 0 > ENTER > 2 > ENTER > 3 > ENTER (this will enable daily self test)

## Programming Guide

### How to delete phone numbers :

Quick guide:

Press 1 2 3 4 > PROGRAM > 3 > ENTER > 1 > ENTER > ESC

(Please note: 1 = 1st telephone number, 2 = 2nd number and so on)

1. Key in the four digit user Password code (factory default 1234).
2. Press PROGRAM > 3 > ENTER. Select the position for the telephone number you want to delete (1=1st number called, 2= 2nd number called), press ENTER.
3. Press ESC to exit the programming mode.

### How to designate telephone numbers to TRIG 1 and TRIG 2 :

Quick guide:

Press 1 2 3 4 > PROGRAM > 6 > ENTER > X > ENTER > N > ENTER

- 1) Key in the four digit user PASSWORD code (factory default 1234)
- 2) Press PROGRAM > 6 > ENTER.
- 3) Press 1 (for TRIG 1), or press 2 (for TRIG 2). Press ENTER
- 4) Press 1 - 9 to designate the phone number. Press ENTER
- 5) Repeat the process until you have designated all the numbers to each trigger. Remember that you can designate all 9 numbers to each trigger or only some to one and some to the other.

NOTE: The numbers shown on the LCD display are the phone numbers assigned to that trigger. Pressing buttons 1 to 9 will toggle the numbers on/off on 1-9 respectively.

### How to change the user PASSWORD : (factory default 1234)

Quick guide:

Press 1234 > PASSWORD > New Code > Reconfirm New Code

1. Key in the four digit user <PASSWORD> code. Factory default 1234.
2. Press PASSWORD.
3. The LCD will change to n-p.
4. Key in your new four digit <PASSWORD> code.
5. The LCD will change to c-p.
6. Key in your new four digit <PASSWORD> code again.
7. The LCD will change to acc.

### How to Program the Auto Dialer to give a local Audible Alarm as well as sending a voice message : (Default setting is alarm OFF)

Quick guide:

Press 1 2 3 4 > PROGRAM > 1 > ENTER > 1 > ENTER

- 1) Key in the four digit user <PASSWORD> code. (Factory default 1234)
  - 2) Press PROGRAM > 1 > ENTER > 1 > ENTER
- (Please note 0 = without Audible Alarm, 1 = with Audible Alarm)

### How to set the time the Alarm will sound on activation : (Default time is 3 minutes)

Quick guide:

Press 1 2 3 4 > PROGRAM > 2 > ENTER > Time > ENTER (Alarm sound time is from 1M-99M.)

- 1) Key in the four digit user <PASSWORD> code. (Factory default 1234).
- 2) Press PROGRAM > 2 > ENTER > Time > ENTER.

TIME = <1> = 1 min, <99> = 99 min (max TIME 99 min). We recommend you do not exceed a 20 min Alarm Sound.

## Programming Guide

### How to set Trigger Delay/Arm Delay times: (Default both set at 0 seconds, instant)

Set trigger delay time between 30 and 60 seconds: This is the delay time between a trigger being activated and the time the dialer starts to dial out. Default setting is 0 seconds.

Quick guide:

Press 1 2 3 4 > PROGRAM > 4 > ENTER > N > ENTER

1. Key in the four digit user Password code (factory default 1234)
  2. Press PROGRAM > 4 > ENTER > N > ENTER
- (Note: N=0, instant; N=3, 30 sec; N=6, 60 sec.)

Set arm delay time between 30 and 60 and 90 seconds: This is the delay time between the dialer being armed and the time the triggers are active or ON. Default setting is 0 seconds, or no arm delay. Note that if an arm delay time is programmed, then the ON symbol on the LCD display will flash throughout the programmed time delay period.

Quick Guide

Press 1 2 3 4 > PROGRAM > 5 > ENTER > n > ENTER

1. Key in the four digit user Password code (factory default 1234)
  2. Press PROGRAM > 4 > ENTER > N > ENTER
- (Note: N=0, instant; N=3, 30 sec; N=6, 60 sec; N=9, 90 sec)

### How to set an Arm delay sound : (factory setting without sound)

Quick guide:

Press 1 2 3 4 > PROGRAM > 7 > ENTER > 0 > ENTER

1. Key in the four digit user Password code (factory default 1234).
  2. Press PROGRAM > 7 > ENTER > N > ENTER
- (Notice" 0= without sound; 1 = with sound.)

## Operating Guide

### How to Turn the Auto Dialer ON : (Default On. That means the Dialer will always be active or ON when power is first applied or re-applied to it. Turn Off to programme and then turn back On and leave On)

Quick guide:

Press 1 2 3 4 > ENTER

1. Check that the voice message and at least one phone number has been programmed into the Auto Dialer.
2. Press 1 2 3 4 ENTER. The Dialer will show "ON" on the display.
3. The triggers will become active after the delay time you have set has expired.  
(Default set at 0 seconds, instant)

### How to Turn Dialer OFF or to stop it dialing out after it has been triggered :

Quick guide: Press 1 2 3 4 > ESC

To turn the Auto Dialer OFF or to stop it from dialing out after either the tamper switch (if connected and active) or a trigger input has been activated, key in the <Password> following by ESC. The Auto Dialer will revert to the "OFF" mode and must be re-set to the "ON" mode as above.

## Programming Guide

### How to stop the dialer dialing the telephone numbers in sequence :

Quick guide: When the phone is answered, press <#> or <\*> on the telephone keypad to stop the dialing sequence.

When the Auto Dialer starts dialing, it will dial the first telephone number and repeat the pre-recorded voice message five times. If there is no response from the phone, then it will hang up and dial the next number until all the programmed numbers for that trigger are dialed. It will repeat this dial sequence three times and display "NO ANSWER" if there is no response from any of the phone numbers. To stop this dial sequence, press the <\*> key on the telephone keypad that is receiving the call. At that time, the Auto Dialer will stop its dialing sequence and the alarm (if programmed) will stop. If the local alarm has been programmed as active, then pressing the <#> key will stop the dialing sequence, but the alarm will continue to sound until timed out. In both cases, the Dialer will remain ON, waiting for any further Trigger

### How to Change the back up battery pack :

**Important :** It is recommended to check the back-up battery pack at least once a year even if the batteries are not low.

1. First make sure that the Auto Dialer is OFF. Then release it from the wall.
2. Remove the battery door and take out the old battery pack. Re-insert one new 7.2V re-chargeable battery pack.
3. Fit the battery door and hang the Auto Dialer back onto the wall.

### How to reset the Auto Dialer :

#### Inside the battery compartment

Remove the power supply and the Auto Dialer from the wall, remove the 7.2V battery pack. Then remove the SIM card. Inside the battery compartment is a switch, move it to the ERASE position, place the power back onto the system then press DELETE twice, there will be a 2 short beeps from the Auto Dialer. Switch the power back off. Replace the SIM card, place switch back to Normal, replace the 7.2V battery and place back onto the wall, power the Auto Dialer back up, the Auto Dialer will then return back to factory default setting.

### Important : SIM card

Important: Most Pay As You Go SIM cards will need to be topped up during the first 3 months of use. If you do not carry this out, some service providers switch off the SIM card. We recommend that you trigger the unit as a test, every four weeks, just to be sure the SIM card is still operating. Alternatively, please enable the self test feature.

If the SIM card is Pin Coded protected, you will have to enter the pin number when you first power the system up. You will have to enter the correct pin number within 3 attempts, otherwise the SIM card will lock out and you will need to obtain a PUK number from your service provider.

### Note of caution

1. A leaking battery will result in poor performance and could damage the system. It is recommended that the battery pack be periodically checked. Change the battery pack at least once a year to maintain the system.
2. Do not mount the Auto Dialer in areas that are exposed to extreme heat or moisture, as this could adversely affect the performance of the system.
3. Use only a damp cloth and general household cleaning agent to wipe the unit clean. Do not use turpentine, thinner, gasoline or similar substances to clean the unit.