AD1000EN-1R configured to operate as a DG1000

Install the Main Unit on top of the lift car and mount the Microphone in the COP.

Mount the Plastic speaker box so the speaker holes align up with some holes entering the lift car, ie drill some holes or use an existing air vent

Reconnect the Microphone if disconnected during installation as follows:-

Screened (-Ve) of the Microphone to Blue wire on the 2 way Terminal Block

Red (+Ve) of the Microphone to Yellow wire on the 2 way Terminal Block

The system has been configured to operate from an Alarm Push button with a set of voltage free normally open contacts. Triggering is via terminals **“A” and “+”.**

An additional Push Button has been supplied for triggering from the top of the car.

Programming is via a Programmer and via Remote Programming, ie by phoning the unit and following the instructions for the setting of the required phone numbers.

For technical assistance call Tel: 0208 795 0333

Programming Modes

(Plug-in the programmer, power down the unit totally, power up again & press ENTER on programmer to enter programming mode.)

Basic Programming (Non EN81-28) on a ***Direct BT Line***

Key in No for CB HOT Line Mode (If CB Hotline is selected, it will not ask for any telephone numbers)

Key in 1st Telephone Number then press [Enter]
Key in [NO] to "SP Bit 1"

Key in 2nd Telephone Number then press [Enter]
Key in [NO] to "SP Bit 2"

Key in 3rd Telephone Number then press [Enter]
Key in [NO] to "SP Bit 3"

Key in 4th Telephone Number then press [Enter]
Key in [NO] to "SP Bit 4"

Key in 5th Telephone Number then press [Enter]
Key in [NO] to "SP Bit 5"

Key in [ENTER] for "Windcrest ID" Number

Key in [1][2][3][4] for "Contract Number" as Default then [ENTER]

Key in [1] for "Lift No" and press Enter

Key in [1][2][3][4] for "RPA No" as Default then [ENTER]

Key in [2] for "Call duration" ie 2 minutes and press Enter

Key in [NO] for "Pulse Dialling?" to select Tone Dialling

Key in [NO] for "Instant Trigger?" for 3 sec. trigger delay

Key in [NO] for "Alarm Push N/C?" for normally open alarm push.
Note: If [Yes] then Lift Car Alarm Push will be Normally Closed.

Key in [NO] for "Voice ID?" ie no voice Identification set

Key in [NO] for "Auto Jump?"

Key in [YES] for "Have you Finished?" to exit programming mode

Basic Programming (Non EN81-28) on an ***Internal Extension***

To access the outside line, key in a [9] before the telephone number(s) required. All other programming options are as above except Key in [YES] to "SP Bit 5".

Usual Programming (Non EN81-28)

Key in No for CB HOT Line Mode (If CB Hotline is selected, it will not ask for any telephone numbers)

Key in 1st Telephone Number then press [Enter] *{Possibly need to add [9] in front}*
Key in [NO] to "SP Bit 1"

Key in 2nd Telephone Number then press [Enter]
Key in [NO] to "SP Bit 2"

Key in 3rd Telephone Number then press [Enter]
Key in [NO] to "SP Bit 3"

Key in 4th Telephone Number then press [Enter]
Key in [NO] to "SP Bit 4"

Key in 5th Telephone Number then press [Enter]
Key in [NO] to "SP Bit 5" *{[YES] for Internal Extension}*

Key in [ENTER] for "Windcrest ID" Number

Key in [1][2][3][4] for "Contract Number" as Default then [ENTER]

Key in [1] for "Lift No" and then press Enter.

Key in [1][2][3][4] for "RPA No" as Default then [ENTER]

Key in [2] for "Call duration" ie 2 minutes, then press ENTER.

Key in [NO] for "Pulse Dialling?" to select Tone Dialling

Key in [NO] for "Instant Trigger?" for 3 sec. trigger delay

Key in [NO] for "Alarm Push N/C?" for normally open alarm push.
Note: If [Yes] then Lift Car Alarm Push will be Normally Closed.

* Key in [YES] for "Voice ID?" ie Voice Identification set

Key in [NO] for "Auto Jump?"

Key in [YES] for "Have you Finished?" to exit programming mode

∗ Identification of lift can be by a Numerical ID code, keyed in for the "Contact Number" and "Lift No" at the time of programming; or by recording a Voice Message. For recoding a Voice Message please refer to section on "***Voice Recording of the Lift Location on Site"***

- CB HOTLINE : In CB HotLine mode, Autodialler will pick up the telephone line and will not dial any number, as this option is selected when lines are such, that they dial number by themselves.

Programming for EN81-28

Key in No for CB HOT Line Mode (If CB Hotline is selected, it will not ask for any telephone numbers)

Key in 1st Telephone Number then press [Enter] *{Possibly need to add [9] in front}*
Key in [NO] to "SP Bit 1"

Key in 2nd Telephone Number then press [Enter]
Key in [YES] to "SP Bit 2" for Automatic Test

Key in 3rd Telephone Number then press [Enter]
Key in [YES] to "SP Bit 3" for Pictogram and Battery Detection

Key in 4th Telephone Number then press [Enter]
Key in [NO] to "SP Bit 4" for Computer Auto Test

∗ Key in 5th Telephone Number of Central Station then press [Enter]
Key in [NO] to "SP Bit 5"

Key in [ENTER] for "Windcrest ID" Number

Key in [1][2][3][4] for "Contract Number" as Default then [ENTER]

Key in [1] for "Lift No" , then press ENTER.

Key in [1][2][3][4] for "RPA No" as Default then [ENTER]

Key in [2] for "Call duration" ie 2 minutes, then Press ENTER.

Key in [NO] for "Pulse Dialling?" to select Tone Dialling

Key in [NO] for "Instant Trigger?" for 3 sec. trigger delay

Key in [NO] for "Alarm Push N/C?" for normally open alarm push.
Note: If [Yes] then Lift Car Alarm Push will be Normally Closed.

Key in [YES] for "Voice ID?" ie Voice Identification set

Key in [YES] for “Auto Jump?”

Key in 1/2/3 to select Auto Test reporting time for 1/2/3 days. Then Press Enter (This option will be shown only if SP Bit 2 is ON. i.e AutoTest is ON)

Key in [YES] for “Have you Finished?” to exit programming mode

* This telephone number is for Central Computer Station with LiftAlert 2006 software. The software should be installed and ready to accept calls from autodiallers to log events. A manned station (no PC/Software required) is possible by setting up SP BIT 4 to a [YES].

Remote Programming Procedure of the Unit

The autodialler has the facility to auto-answer an incoming call, after 15-30 seconds.
Once the call has been answered, the programming mode can be instigated by a series of instructions etc.

The programming will be by means of using DTMF from the calling telephone or a management computer based system.

To enter into the remote programming mode, a RPA number must be entered in the following format "*vvvv#" within a time period of 30 seconds. (v is any digit 0 to 9).
If the RAP is incorrect the system will go in the normal auto-answer mode after generation of the auto-answer tone again, i.e. line being connected to the speaker box, after the emission of a short tone.

If the RAP number is correct, the system will output a Beep tone and wait for additional command tones for a period of 30 seconds before exiting and going in the normal auto-answer mode, i.e. line being connected to the speaker box, after the emission of a short tone.

Exiting from the programming mode by either a command code sequence, or no activity for 30seconds whilst in the programming mode. (Note, when entering the remote programming mode, the call duration time period is suspended; and re-established when existing from the programming mode).

The following configuration needs to be implemented once in the programming mode.

*00#	Terminate Programming Mode
*01#	Request Report of Total Data for computer download use
vv	Report the Content of Specific location code. i.e. if *15* is entered, the system will produce "Beep 15 Beep 5627899 Beep" if the Phone number of the 5th number was 5627899. All the numbers can be announced using the LCALL VOICE in the programme.

*10#0#	Set all numbers to operate on Non CB/Hotline mode
*10#1#	Set all numbers to operate on CB/Hotline mode
*11#v..v#	Set 1st Number
*12#v..v#	Set 2nd Number
*13#v..v#	Set 3rd Number
*14#v..v#	Set 4th Number
*15#v..v#	Set 5th Number

*21#v..v#	Set the CONT number (Set Contract No.)
*31#v#	Set Lift Number to be announced
*32#v#	Set Call Duration
*33#1#	For Pulse Dialling

*33#0#	For Tone (DTMF) Dialling
*34#1#	For Instant Triggering
*34#0#	For 3 Second Delayed Triggering
*35#1#	For Identifying the unit automatically on the phone line
*35#0#	No automatic identification on phone line
*36#1#	Set to AutoJump to the next number if call not confirmed
*36#0#	Non AutoJump

*41#v#	For setting/resetting SP Bit 1
*42#v#	For setting/resetting SP Bit 2
*43#v#	For setting/resetting SP Bit 3
*44#v#	For setting/resetting SP Bit 4
*45#v#	For setting/resetting SP Bit 5

An incorrect RPA number should result in the person being ejected out of the programming mode; after a long tone and into the normal incoming call mode I.e. when he terminates an incorrect RPAN with a # or if he times out as no terminator has been detected say 15 seconds or so.

If an incorrect command is entered for any reason, which must include timing out for not completing the command say 15 seconds or so, the system should respond by means of long tone. Note: all other tones must be relatively shorter than this long tone. (Use the DTMF chip tone generation facility or if you have too, use the speech synthesis chip tone facility). If an incorrect entry is made, the system must not eject the user from the programming mode.

To fetch programmed parameters from the autodialler system send *01# command to the autodialler. This will be immediately responded by a string of continuous data which consists of all programmed parameters. The format is as shown below:

Command:	*01#	
Response:	*11#vvv…vvv#	(1st number)
	*12#vvv…vvv#	(2nd number)
	*13#vvv…vvv#	(3rd number)
	*14#vvv…vvv#	(4th number)
	*15#vvv…vvv#	(5th number)
	*21#vvv…vvv#	(CONT. No.)
	*31#v#	(Lift No.)
	*32#v#	(Call Duration)
	*33#v#	(Pulse/DTMF Dialling)
	*34#v#	(Trigger Delay)
	*35#v#	(Auto Jump)
	*41#v#	(SP Bit 1)
	*42#v#	(SP Bit 2)
	*43#v#	(SP Bit 3)
	*44#v#	(SP Bit 4)
	*45#v#	(SP Bit 5)