## AUTODIALLER DUO SHORT INSTALLATION AND ON SITE PROGRAMMING INSTRUCTIONS COMPLYING WITH BS81-28:2018

## INSTALLATION

DUO can be installed inside the COP, flush or surface mounted, with or without alarm push and be connected to GSM Gateway or analogue telephone line.

## **CONNECTIONS**

Connect the alarm push first, then the telephone line as shown on the drawing. The alarm push can be NO or NC WITHOUT VOLTAGE over the contacts. DUO is power supplied from an analogue telephone line or GSM Gateway, however it has to be connected to 9 - 28 VDC powerr source when fitted in a new lift (to comply with BS 81-28:2018).

## ON SITE PROGRAMMING USING THE INTERNAL KEYPAD

Programming: EITHER: press the P-key and keep it pressed whilst pressing the alarm push, release after hearing 4 bleeps. OR: Disconnect the 6 & 4-way terminal blocks, WAIT 10 SECONDS before pressing the P-key and keep it pressed whilst reconnecting the 6-way terminal block, - release the P-key after hearing 4 bleeps where after the green and yellow LEDs start to flash --- You are in

programming mode. Start necessary programming. See separate instructions for remote programming.

P*990 P	Input Code	Valid	Description	Description
P* 202 P	P * 990 P	3 bleeps	Resets all input functions BELOW apart fr	om rocorded messages
P 1Tel P 4 bleeps Key in 1st. telephone number Tel = telephone number for emergency calls P 2Tel P 4 bleeps Key in 2nd. telephone number Tel = telephone number for emergency calls P 5 3 S Tel P 4 bleeps Key in 2nd. telephone number Tel = telephone number for emergency calls P 5 3 S Tel P 4 bleeps Key in 3rd. telephone number Tel = telephone number for emergency calls P 5 3 S Tel P 4 bleeps Key in 3rd. telephone number Tel = telephone number for emergency calls P 5 3 S Tel P 4 bleeps Key in test call function No test calls possible P 300 * Tel P 4 bleeps Key in test call tel. number Tel = telephone number for automatic test calls P 5 500 P 4 bleeps Key in test call tel. number Tel = telephone number for automatic test calls P 5 500 P 4 bleeps P 6 500 P 5 bleeps P 6 500 P 7	P * 020 P	4 bleeps	Alarm push NO (Factory default)	Alarm Input 1. Normally open without voltage
P 2 Tel P 4 bleeps Key in 2nd. telephone number Tel = telephone number for emergency calls P 3 S Tel P 4 bleeps Key in 3rd. telephone number Tel = telephone number for emergency calls P 0 80 s 3 P 4 bleeps Cancel test call function No test calls possible P 0 4 bleeps Key in test call tenction No test calls possible F 0 300 s Tel P 4 bleeps Key in test call tel. number Tel = telephone number for automatic test calls P 10 s test calls possible To comply with BS81-28:2018 Both amber & green pictograms flashes To comply with BS81-28:2018 Both amber & green pictograms flashes D 10 sconnect "2018 function" Set back to BS81-28:2003 functions (as for ECII) P 10 s Tel P 4 bleeps P ABX prefix 0 to diall out Example for 1st emergency number. Each s 2 sec pause. For longer pause press star Testing the 1st. telephone number Testing the 1st emergency alarm receiver P 100 protocol for test calls P 100 protocol for test calls OR D 100 protocol for test calls	P#020 P	4 bleeps	Alarm push NC	Alarm Input 1. Normally closed without voltage
P 3 3 S Tel P 4 bleeps	P 1 <b>Tel</b> P	4 bleeps	Key in 1st. telephone number	Tel = telephone number for emergency calls
2 * 080 * 3 P	P 2 Tel P	4 bleeps	Key in 2nd. telephone number	Tel = telephone number for emergency calls
## 080 P  4 bleeps   A bleeps   A bleeps   Cancel test call function   No test calls possible    2 **300 **Tel P	PS3STelP	4 bleeps	Key in 3rd. telephone number	Tel = telephone number for emergency calls
Tel = telephone number for automatic test calls  ## 500 P  ## 600	P * 080 * <b>3</b> P	4 bleeps	Number of days for test	3 = automatic test call every 3 days
### S00 P  ### 4 bleeps  ### 500 P  ### 500	P#080 P	4 bleeps	Cancel test call function	No test calls possible
2* 500 P 4 bleeps Disconnect "2018 function" Set back to BS81-28:2003 functions (as for ECII) PABX prefix 0 to diall out Example for 1st emergency number. Each * = 2 sec pause. For longer pause press star  Testing the 1st emergency alarm receiver 2 sec pause. For longer pause press star  Testing the 1st emergency alarm receiver  Testing the 1st emergency alarm security alarm receiver  Testing the 1st emergency alarm receiver  Testing the 1st emer	P * 300 * <b>Tel</b> P	4 bleeps	Key in test call tel. number	Tel = telephone number for automatic test calls
PABX prefix 0 to diall out  Example for 1st emergency number. Each * = 2 sec pause. For longer pause press star  Testing the 1st. telephone number  Testing the 1st emergency alarm receiver  Po * 060 P  4 bleeps P100 protocol for test calls  Po * 061 P  4 bleeps P100 protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Po * 301 * N P  4 bleeps P100 extended protocol for test calls  OR  Mess = message. Start speaking immediately after pressing the last *, max 16 seconds  Mess = message. Start speaking immediately after pressing the last *, max 16 seconds  Po * 300 P  4 bleeps Alarm push delay 0 - 60 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  D * 324 P  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  P * 140 * N P  4 bleeps Speaker volume adjustment  Example for 1st mergency calls to several telephone numbers. It dia autodialler must have it's own ID. Maximum 9 autodiallers connected in series	P# 500 P	4 bleeps	To comply with BS81-28:2018	Both amber & green pictograms flashes
2 sec pause. For longer pause press star  2 sec pause. For longer pause press star  2 sec pause. For longer pause press star  7 testing the 1st. telephone number  7 testing the 1st emergency alarm receiver  8 **O60 P**O60 P**O60 P**O60 P**O60 P**O60 P**O60 P**O62 P**O62 P**O62 P**O62 P**O62 P**O62 P**O62 P**O63 P**O64 P**O65 P**O	> * 500 P	4 bleeps	Disconnect "2018 function"	Set back to BS81-28:2003 functions (as for ECII)
P* 060 P		4 bleeps	PABX prefix 0 to diall out	, ,
P* 060 P	1#P	4 bleeps	Testing the 1st. telephone number	Testing the 1st emergency alarm receiver
P* 062 P 5 bleeps P100 extended protocol for test calls  OR  A bleeps Key in 1 (N=1) if only one ECII is connected to the telephone line (must be done when connected to software/hardware) or the Autodialler's ID number (max 8 digits)  P* 410 * Mess P 4 bleeps Record voice message for the car. "Calm down message"  P* 420 * Mess P 4 bleeps Record voice message for the recipient. "Site address message"  A bleeps Record voice message for the recipient. "Site address message"  A bleeps Alarm push delay 0 - 60 seconds  Testing the test call A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  D* 440 * N P 4 bleeps Speaker volume adjustment  OR  A bleeps P100 extended protocol for test calls connected to the telephone line (must be done when telephone line (must be done when delephone line (must be done when telephone line (must be done when the telephone line (must be done when telephone number of the test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone numbers. It die up the next number if the first number does not answer. Recipient presses "0" before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series		4 bleeps		
A bleeps   Key in 1 (N=1) if only one ECII is connected to the telephone line (must be done when connected to software/hardware) or the Autodialler's ID number (max 8 digits)    P * 410 * Mess P	P * 061 P	4 bleeps	CPC protocol for test calls	OR
when connected to software/hardware) or the Autodialler's ID number (max 8 digits)  P * 410 * Mess P  4 bleeps  Record voice message for the car.  "Calm down message"  Record voice message for the car.  "Calm down message"  Record voice message for the recipient. "Site address message"  A bleeps  Without acknowledgement  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  When more than 2 speaker volume adjustment  Mess = message. Start speaking immediately after pressing the last *, max 16 seconds  Mess = message. Start speaking immediately after pressing the last *, max 16 seconds  1 = alarm push delayed 3 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  Emergency calls to several telephone numbers. It dia up the next number if the first number does not answer. Recipient presses "  0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series	P * 062 P	5 bleeps	P100 extended protocol for test calls	OR
"Calm down message" after pressing the last *, max 16 seconds  P * 420 * Mess P  4 bleeps Record voice message for the recipient. "Site address message" after pressing the last *, max 16 seconds  P * 053 * 1 P  4 bleeps Alarm push delay 0 - 60 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  P * 440 * <0-7> P  4 bleeps Record voice message for the recipient just spaking immediately after pressing the last *, max 16 seconds  Mess = message. Start speaking immediately after pressing the last *, max 16 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  Emergency calls to several telephone numbers. It dia up the next number if the first number does not answer. Recipient presses "  0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series	P * 301 * <b>N</b> P	4 bleeps		
recipient. "Site address message" after pressing the last *, max 16 seconds  1 = alarm push delayed 3 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  pressing the last *, max 16 seconds  1 = alarm push delayed 3 seconds  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone numbers. It dia up the next number if the first number does not answer. Recipient presses "  0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series	P * 410 * <b>Mess</b> P	4 bleeps		
Testing the test call  A test call will automatically be sent out after exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  A test call will automatically be sent out after exiting programming mode.  Emergency calls to several telephone numbers. It dia up the next number if the first number does not answer. Recipient presses "  0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series  P * 440 * <0-7> P  4 bleeps  Speaker volume adjustment	P * 420 * <b>Mess</b> P	4 bleeps		
exiting programming mode.  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  Emergency calls to 1 telephone number only. The recipient just hangs up at the end of the communication.  Emergency calls to several telephone numbers. It dia up the next number if the first number does not answer. Recipient presses " 0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series  P * 440 * <0-7> P 4 bleeps Speaker volume adjustment	P * 053 * <b>1</b> P	4 bleeps	Alarm push delay 0 - 60 seconds	1 = alarm push delayed 3 seconds
Without acknowledgement recipient just hangs up at the end of the communication.  With acknowledgement. To be programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  P * 440 * <0-7> P  4 bleeps  Without acknowledgement recipient just hangs up at the end of the communication.  Emergency calls to several telephone numbers. It dia up the next number if the first number does not answer. Recipient presses " 0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series  P * 440 * <0-7> P  4 bleeps  Speaker volume adjustment	P * 300 P	4 bleeps	Testing the test call	
P * 324 P  4 bleeps  programmed when phoning up more than 1 telephone number. Message is played twice.  When more than 1 autodialler is connected to one and the same telephone line / GSM unit  P * 440 * <0-7> P  4 bleeps  programmed when phoning up more than 1 up the next number if the first number does not answer. Recipient presses " 0 " before hanging up.  N = 1 for lift 1, 2 for lift 2 and so on. Each ECII autodialler must have it's own ID. Maximum 9 autodiallers connected in series  P * 440 * <0-7> P  4 bleeps  Speaker volume adjustment	P * 321 P	4 bleeps	C C	recipient just hangs up at the end of the communication.
P * 140 * N P  4 bleeps connected to one and the same autodialler must have it's own ID. Maximum 9 autodiallers connected in series  P * 440 * <0-7> P  4 bleeps Speaker volume adjustment	P * 324 P	4 bleeps	programmed when phoning up more than 1 telephone number. <b>Message</b>	answer. Recipient presses "
	P * 140 * <b>N</b> P	4 bleeps	connected to one and the same	autodialler must have it's own ID. Maximum 9
P # P Exit programming mode	P * 440 * <0-7> P	4 bleeps	Speaker volume adjustment	
	P#P		Exit programming mode	
YELLOW = MINIMUM PROGRAMMING REQUIREMENTS GRAY = FACTORY DEFAULTS	YELLOW = MINIMUM PROGRAMMING REQUIREMENTS			GRAY = FACTORY DEFAULTS