



A&G Security Electronics Plc

A MEMBER OF THE HALMA GROUP

Diplomat

Owners
Instruction Manual

A MULTIZONE INTRUDER ALARM CONTROL PANEL FROM THE 'STATESMAN' RANGE

The 4 zone Diplomat will be suitable for the majority of residential and small commercial / industrial installations where BS4737 is called for and can be obtained with a remote keypad or panel where this requirement is specified. The Diplomat incorporates all the features that a modern security safety panel should have and extra benefits due to design features that the installer and the operator will appreciate.

- MICROPROCESSOR BASED FULLY PROGRAMMABLE 4 ZONES
- EACH ZONE WITH INDEPENDENT 12 AND 24 HOUR CIRCUITS
- ALL ZONES PROGRAMMABLE TO SLAVE WITH ENTRY / EXIT
- AUXILIARY 24 HOUR CIRCUIT WITH PULSATING SOUNDERS
- FOUR COMMUNICATOR OUTPUTS AND SILENT P.A.
- SCB 24 HOUR INDICATOR
- P.I.R. LATCH FACILITY
- CHIME FACILITY ON ALL ZONES
- KEYPAD P.A. AND DURESS FACILITY
- UP TO 4 REMOTE KEYPADS
- MULTI-KNOCK FACILITY
- ACCEPTS ALL STD BATTERY SIZES

- MEMBRANE KEYPAD WITH "USER FRIENDLY" FORMAT
- BUILT IN SOUND WITH 9 LEVELS OF VOLUME AND MUTE
- BUILT IN WATCHDOG PROTECTION
- ENGR'S LOG MEMORY / 8 EVENTS
- PRINTER COMPATIBLE
- METAL HOUSING COMMUNICATOR P.C.B. ACCESS
- FULL PROGRAM RESET AND TIME
- UP TO TWO EXTENSION SPEAKERS
- LATCHED BEACON OUTPUT
- CALL ENGR'S LED
- FINAL DOOR OR TIMED E/E OPTION
- ON BOARD VIBRATION ANALYSER
- ENGR'S CODE PROGRAMMABLE
- PANEL "QUICKSET" FEATURE

STATESMAN RANGE

Ambassador
Diplomat
Envoy
Constal
Courier (Digital Communicator)
Messenger (Telo-Dialler)

Statesman Accessories
Zone Expansion Module & cards
Power Supplies
Evaluator Units
Expander Box 4 Zone (D.E.C.)
Gen-Purpose Tampered Housing

Tech - 061 - 624 4780

WRIGLEY STREET, OLDHAM, LANCS, OL4 1HW

Technical Manuals Online - http://www.tech-man.com

QUICKSET

This facility is used when retiring to bed and exit route is not required.

1. Enter code:-



All red lights illuminate for a second and the system set/menu light will commence flashing.

2. Press key



Quickset key

Panel will set after a 5 second period. Two tone sounder will commence for this seconds and then silence.

FINAL DOOR SET (If Programmed By The Installer)

This facility is used where upon closing final exit door all remaining exit time is removed.

1. Enter code:-



All red lights will illuminate for a second and the system set/menu light will commence flashing.

2. Press key



Two tone exit sounder commences for exit time period. Leave via prescribed exit route. When final exit door is closed two tone sounder will silence and panel will set after 5 seconds allowing time for movement detectors to settle

TO CHANGE CODE

PUT IN EXISTING CODE - - - - -

PRESS KEY 7 (CODE) THEN
YOUR NEW CODE (4 DIGITS)

TO OMIT ANY ZONE

PRESS IN CODE - - - - -

THEN PRESS KEY 2 (OMIT)

THEN PRESS NUMBER OF ZONE TO BE
OMMITTED. THEN PRESS SET &
THE SYSTEM SETS

THEN PRESS RE-ARM.

Installation Co. _____
 Engineers Name _____
 Completion date _____

	Number	Location
Remote setting points		
Remote power supplies		
Remote int. sounders		
Remote ext. sounders		
Key joint boxes		

Remote signalling type Dialler Direct line Digicom Other
 Central station contact _____
 Local police contact _____

Circuit configuration

Entry/Exit	Zone 2	Zone 3	Zone 4	Panic	Aux

Loop resistance chart

1				
2				
3				
4				
5				

**DIPLOMAT USER PROGRAM - SETTING AND UNSETTING OPERATION
 TO SWITCH ON SYSTEM (Setting)**

The green power indicator light should be lit advising a healthy supply is present. The Amber LED will always be lit when the panel is not set. Insert your personal 4 digit code. The control panel/keypad will respond with a tone as each key is pressed and on the 4th digit a higher tone will be given indicating acceptance of correct code.

Should an incorrect code be inserted the panel will wait for the correct tone. If five incorrect codes are consecutively inserted the control panel will immediately activate the internal sounder at full level to indicate the control panel/keypad is being tampered with. To clear this condition the correct code should be inserted followed by pressing Key 3 (rearm), which will reset the panel.

When a correct code has been given the control panel will respond by momentarily illuminating all lights to demonstrate all lamps are working.

The system set/menu light will remain flashing for a period of 35 seconds allowing time for the user program if required. Details of this user program and options may be found on the following pages.

Providing no red lights are illuminated indicating circuit faults, press Key 1 (set) which will put the control panel into the exit sequence and the control panel will emit a two-tone sound to indicate the exit time has commenced. Leave premises via the prescribed exit route closing all alarmed doors behind you. When the exit time has expired the two-tone sounder will silence and the system is now fully armed. The system set/menu light will also extinguish at this time.

USER UNSETTING (Switching off)

Enter premises via prescribed entry route. Control panel will emit a two-tone entry sounder to indicate entry time is in operation. Insert your personal 4 digit code. Each digit will be accompanied by a tone and the 4th digit will emit a higher tone to confirm the correct code has been entered. Should any red lights be illuminated at this stage this will indicate an alarm has occurred in this particular zone and should be investigated. To clear this information press Key 3 (rearm) which will extinguish the initial red light and illuminate any other red zone lights should further activations have taken place. Again to clear this information press Key 3 (rearm).

In the event of the red engineer light being illuminated it will not be possible to clear this fault information and the alarm installer should be informed.

The Amber LED will always be lit when the panel is not set.

Technical Manuals Online: www.tmo.com

SETTING SYSTEM (Switching On)

1. Power light will be illuminated at all times. Amber LED when panel is not set.

2. Enter code:-



All red lights will illuminate for a second and then the 'system' set/menu light will commence flashing

3. Press Key



Two tone exit sounder will commence for exit time period. Leave via prescribed route.

UN-SETTING SYSTEM (Switching Off)

1. Enter via prescribed entry route.

Two tone entry sounder will commence.

2. Enter 4 digit code:



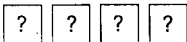
Sounder will silence. Control panel is now in the off position.

3. System/Set menu LED will now illuminate/ panel off.

Once the correct 4 digit code has been entered the system set LED will flash for the next 35 seconds, during that time it is not necessary to re-enter the code if programming a customer option, eg. to omit simply press Key 2 (omit) to achieve the option.

TO CHIME ANY ZONE

1. Enter code:-



All red lights will illuminate for a second and the system set/menu light will commence flashing.

2. Press key



Chime key.

3. Press key



Number of the zone to be chimed.

4. Press key



Chime key.

5. Press key



Number of the zone to be chimed.

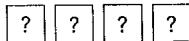
NB. Continue this sequence until all zones required to chime are complete.

To remove chime facility simply follow same procedure as detailed for inserting chiming.

SETTING LEVEL OF VOLUME

There are 9 levels of volume which may be selected by the user. This adjustable volume is only available to the entry/exit sounder, chime and key tones and will not affect the full alarm sounder. Scale of volume 1 = low volume, 9 = high volume.

1. Enter code:-



All red lights will illuminate for a second and then system set/menu light will commence flashing.

2. Press key



Volume key.

3. Press key



Any key 1 - 9 for sound level required. Sound will be emitted at that level when touching key.

USER OR KEYHOLDER PROCEDURE ON ENTRY FOLLOWING ALARM ACTUATION

1. Enter premises as normal and key in your personal code to silence the audible alarms
2. Note the panel information, ie. which LED's are illuminated, which are flashing, is the power on, etc.
3. Press rearm to cancel recurrence of the audible alarms after 30 secs. You may have to omit any zone which has a 24HR fault and rearm again.
4. On the basis of your panel diagnosis investigate the probable cause of the actuation, ie. door blown open, broken window, mains failure, etc. If the cause is known to you at this point and by simple rectification you are able to re-secure without fear of recurring faults then re-set the alarm and leave reporting your full finding to the installing company when appropriate.
5. If you cannot diagnose or locate the fault or your system is programmed to 'Lock-out' under alarm actuation you will find the red 'Call Engineer' LED illuminated and this is what you should do, relating all the facts and conditions to the engineer or his answering service

NOTES FOR USER GUIDANCE

When leaving the property having set the panel you may inadvertently wander from the designated exit route into a protected area, this condition is described as:-

EXIT DEVIATION

and will result in the speaker alarm tone and internal audibles (if fitted) to sound for the duration of any deviation.

On entering a property should you mistakenly enter a protected zone on your way to the panel you will have made an:-

ENTRY DEVIATION

and will result in the speaker alarm tone and internal audibles (if fitted) to sound, informing you that you have approximately 4 seconds to key your code in before full actuation.