

MARCH 96

PROGRAM SUMMARY

DISPLAY	DESCRIPTION	DEFAULT (FACTORY SETTING)
U1	USER KEY 1	P
U2	USER KEY 2	P
U3	USER KEY 3	-
U4	USER KEY 4	-
U5	USER KEY 5	-
U6	USER KEY 6	-
U7	USER KEY 7	-
U8	USER KEY 8	-
D1	MAIN UNIT DETECTOR	A
D2	DETECTOR CODE 2	-
D3	DETECTOR CODE 3	-
D4	DETECTOR CODE 4	-
D5	DETECTOR CODE 5	-
D6	DETECTOR CODE 6	-
D7	DETECTOR CODE 7	-
D8	DETECTOR CODE 8	-
DR	DETECTOR RANGE	Lo Range
DP	DETECTOR PULSE	3 Pulse
SC	SIGNAL CHECK	
RJ	RADIO JAMMING	Off ALWAYS OFF
SD	SUPERVISED DETECTORS	Off ALWAYS ON
DL	DETECTOR LOCKOUT	Off ALWAYS OFF
ET	ENTRY TIME	5 Seconds
ET	EXIT TIME	5 Seconds
ST	SIREN TIME	5 Minutes
ES	EXTERNAL SIREN CHIRPS	Off ALWAYS ON
PD	PANIC/DURESS	P1
OR	OPEN/CLOSE REPORTS	Off ALWAYS OFF
LB	LOW BATTERY REPORTING	1
CA	CLIENT ACCOUNT NUMBER	0000
TN1	TELEPHONE NUMBER 1	-
TN2	TELEPHONE NUMBER 2	-
DO	DIAL OPTION	1
PE	PROGRAM EXIT	

READ SWITCH OR PIR.
D2 to D8.

ASIC ABOUT
ER.

PROGRAMMING OPTIONS

DISPLAY

DESCRIPTION

U1

USER KEY 1 user key program. (default = '-')
 1) U1 is on display
 2) Press the 'ON' button to view programmed option. ('-' or 'P' will be displayed)
 3) To program a new key. (key not programmed)
 Press the 'OFF' button on the new key
 Press the 'OFF' button on the same key
 Press the 'OFF' button on the same key (2 beeps and 'P' flashing)

 To erase a user key press the 'ON' button to select E (ERASE). (not available if unprogrammed)
 Press the 'PANIC' button to erase the old programmed key.

-

= unprogrammed

P

= programmed

E

= erase

NOTE: You CANNOT Erase the key that you are using for programming. eg User 4 key cannot erase U4.

4) Press the 'OFF' button to move to the next program option

U2

USER KEY 2

U3

USER KEY 3

U4

USER KEY 4

U5

USER KEY 5

U6

USER KEY 6

U7

USER KEY 7

U8

USER KEY 8

} *All radio keys are programmed in the same manner as above*

Press the 'OFF' button to move to the next program option

d1

DETECTOR 1 Program main unit detector 1. (default = A)

NOTE: A Radio Device CANNOT be programmed into d1

Press the 'ON' button to view programmed option.
 Press the 'ON' button step through values. (A,H,F,C etc.)
 Press the 'PANIC' button to store the selected setting. The new value flashes
 Press the 'OFF' button to move to the next program option

- A **ALARM:** Active when ARMED, inactive when DISARMED and HOME.
- H **HOME:** Active when ARMED & in HOME mode.
(Home mode can only be operated if a device is programmed for Home mode)
- F **FIRE:** 24 hour alarm, always active.
- C **CHIME:** (*) Chime when DISARMED, inactive when ARMED and HOME.
- AC **ALARM/CHIME:** (**) Alarm when ARMED, chime when DISARMED, inactive when in HOME mode.
- HC **HOME/CHIME:** (**) Alarm when ARMED mode, chime when in HOME mode, inactive when DISARMED.
- E **EXCLUDE:** Disables Main unit Detector

PRESS 2 TIMES FOR HC

(*) Chime is a single two tone beep. (door bell sound)
 (**) Chime is a low volume two tone warning siren which sounds for 5 seconds.

PROGRAMMING OPTIONS

DISPLAY	DESCRIPTION
-	UNPROGRAMMED
A	ALARM: Active when ARMED, inactive when DISARMED.
H	HOME: Active when ARMED & in HOME mode, inactive when DISARMED
F	FIRE: 24 hour alarm, always active.
C	CHIME: (*) Chime when activated.
AC	ALARM/CHIME: (**) Alarm when ARMED, chime when DISARMED, inactive when in HOME mode.
HC	HOME/CHIME: (**) Alarm when ARMED mode, chime when in HOME mode.
E	ERASE: Erase detector.
OK Light	Indicates reed switch check on.

{*} Chime is a single two tone beep *(door bell sound)*

{**} Chime is a low volume two tone warning siren which sounds for 5 seconds.

NOTE 2: Once a Detector is programmed into a channel it cannot be programmed into another channel as error beeps will occur.

83

DETECTOR CODE 3

84

DETECTOR CODE 4

85

DETECTOR CODE 5

86

DETECTOR CODE 6

87

DETECTOR CODE 7

88

DETECTOR CODE 8

} *All devices are programmed
in the same manner*

Press the 'OFF' button to move to the next program option

8C

DETECTOR RANGE *(default = Lo)* low (8m) to high (14m) range

Detector range is the area that the main unit PIR will detect an intruder

Press the 'ON' button to view programmed range.

Press the 'ON' button to toggle range high/low

Press the 'PANIC' button to store the selected setting. The stored value will flash

Press the 'OFF' button to move to the next program option

8P

DETECTOR PULSE COUNT *(default = 3)* 1 - 4 counts

Detector pulse count is the number of times a detection beam needs to be crossed before an alarm occurs.

Press the 'ON' button to view programmed Pulse Count. Note: The OK light turns ON when the PIR is triggered

Press the 'ON' button to step through pulse count 1, 2, 3, 4

Press the 'PANIC' button to store the selected setting.

Press the 'OFF' button to move to the next program option

PROGRAMMING OPTIONS

DISPLAY

DESCRIPTION

dL

DETECTOR LOCKOUT (default = OF)

If Detector Lockout is programmed all devices will only sound the External siren the first time they alarm, any subsequent alarms from these detectors will only sound the internal siren and flash the strobe. When the system is disarmed, detector lockout will be reset.

Press the 'ON' button to view programmed setting.
 Press the 'ON' button to toggle setting. (On / Off)
 Press the 'PANIC' button to store selected setting.

OF resetting
On lockout

Press the 'OFF' button to move to the next program option

Always OFF

En

ENTRY TIME (default = 5) 0-30 seconds in 5 second steps.

Press the 'ON' button to view programmed time.
 Press the 'ON' button to step through times 0,5 to 30
 Press the 'PANIC' button to store selected setting.
 Press the 'OFF' button to move to the next program option

Time to enter the premises before alarm triggers.

to

Ei

EXIT TIME (default = 5) 5-60 seconds in 5 second steps.

Press the 'ON' button to view programmed time.
 Press the 'ON' button to step through times 5,10 to 60
 Press the 'PANIC' button to store selected setting.
 Press the 'OFF' button to move to the next program option

Time to exit the premises after the system is armed.

to

Sr

SIREN RESET TIME (default = 5) 1-5 minutes.

Press the 'ON' button to view programmed time.
 Press the 'ON' button to step through times 1, 2 to 5
 Press the 'PANIC' button to store selected setting.
 Press the 'OFF' button to move to the next program option

Siren duration in Alarm.

to

ES

EXTERNAL SIREN Chirps (default = OF)

Press the 'ON' button to view programmed setting.
 Press the 'ON' button to toggle setting. (Off / On)
 Press the 'PANIC' button to store selected setting.

Chirps the siren when Arming and Disarming.

to

OF chirps disabled
On chirps enabled on ARM & DISARM

Press the 'OFF' button to move to the next program option

Pd

PANIC/DURESS Default=P1 ("One button panic")

P1. Single Trigger Panic. Press the panic button and hold for two seconds. Sirens and dialler will be activated.
P2. Double Trigger Panic. Press the panic button and hold for two seconds, release and press again for two seconds. Sirens and dialler will be activated.
D1. Single Trigger Duress. Press the panic button and hold for two seconds. Dialler only will be activated and duress alarm transmitted. (silent)
D2. Double Trigger Duress. Press the panic button and hold for two seconds, release and press again for two seconds. Dialler only will be activated and duress alarm sent. (silent)

Press the 'ON' button to view programmed setting.
 Press the 'ON' button to step through options P1, P2, P3 and P4.
 Press the 'PANIC' button to store selected setting.

P1. Panic Alarm (1 button press)
D1. Duress Alarm (1 button press)
P2. Panic Alarm (2 button presses)
D2. Duress Alarm (2 button presses)

Press the 'OFF' button to move to the next program option

PROGRAM MODE

DISPLAY TO ENTER PROGRAM MODE

Turn the Emergency Override Keyswitch to the 'OFF' position.

U1

Turn the Emergency Override Keyswitch to the 'ON' position. The unit will display the version number for 0.5 second, followed by 'U1', indicating that USER 1 key may be programmed. (*U1 is displayed for 5 seconds if programmed*)

While U1 is flashing.

U2

Press the 'OFF' button on a **programmed** key to enter program mode. The siren will chirp and status display will show 'U2'.
or

P

If a new key is to be programmed as U1, press the 'OFF' button 3 times on the key to be programmed as U1. (*The key must not have been previously programmed*). The siren will chirp twice to acknowledge that U1 is programmed and the status display will show 'P' (*indicating that U1 is programmed*). Press the 'OFF' button, status display will show 'U2'.

NOTE: If U1 is programmed and an unprogrammed radio key is used to enter program mode (*by pressing "OFF" button three times when Emergency Override Keyswitch is turned on*) then the original U1 will be erased.

or

ON

If no buttons are pressed within 5 seconds and SecurityGuard* is programmed, the securityguard will return to operation mode (*ARMED, DISARMED, or HOME*).

OFF

H

NOTE: If the 'ON' button is pressed on a programmed key the status of U1 is shown.
(*P = programmed and '-' = unprogrammed*)

In Program Mode.

If the 'ON' button is pressed on an unprogrammed key, it's the same as pressing the 'OFF' key, ie the key will be programmed as U1 if the 'ON' button is pressed three times.

PROGRAMMING RULES

SecurityGuard* is unique in that all programming is done using a radio key following these basic rules to work your way through program mode.

- Press the 'OFF' button (*on a programmed key*) to step through the options. eg. U2 to U3
- Press the 'ON' button to view a value for that option. The programmed value will be displayed flashing.
- To step through the values press the 'ON' button. Non programmed values are displayed steady.
- Press and Hold the 'PANIC' button to store displayed value. (*new value will flash*)
- Press the 'OFF' button to step to the next option.

PROGRAMMING OPTIONS

DISPLAY

DESCRIPTION



DETECTOR CODE 2 Program detector 2

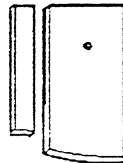
- 1) Press the 'ON' button to view programmed option. If (-) is displayed, no devices are programmed, go to step 3.
- 2) If (-) is not displayed, take note of the display as you might have to reprogram the option after the new detector is programmed. Press the 'ON' button until 'E' is displayed. Press the 'PANIC' button to erase the existing code.
(- will be displayed)
- 3) To program a PIR detector connect the battery.
(SecurityGuard beeps each activation and gives 2 beeps when code accepted and flashes 'A'.)
- 4) Then, Press the 'ON' button to select 1 of 7 option(s) for the device. (see table below for options)
- 5) Press the 'PANIC' button to store the selected setting. The new value will flash
(Options not available if detector is unprogrammed)

NOTE 1: Only Radio PIRs – Reed Switches can be programmed into d2 to d8.

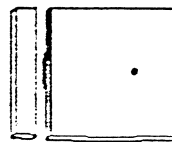
Reed Switch Check: Having a reed switch programmed for reed switch check enables us to identify if a reed switch is open at the time of Arming the system (*end of exit time*). A reed switch sends three messages, open, close and tamper. Therefore we can tell if the door/window is open or closed. For reed switch check to operate the reed must be programmed in a particular manner.

To Program Reed Switch Check follow this sequence: To check if reed switch is open or closed on Arming.

- 1) Have the reed switch battery connected and the magnet away from the miniature reed switch on the circuit board.
- 2) Go to the device location (d2 to d8), Press the 'ON' button to determine if the device location is unprogrammed (- will be displayed if unprogrammed) If programmed, press the 'ON' button until 'E' is displayed, then press the 'PANIC' button (- will be displayed)



Mini Reed



Shock Reed

- 3) Move the magnet next to the miniature reed switch on the circuit board. The reed switch will transmit the close message. 'A' will flash and the 'OK' light should come on. If the 'OK' light is not on the reed has sent the wrong message. (try steps 1,2,3 again)
- 4) Press the 'ON' button to select 1 of 7 option(s) for the device. (see table opposite for options)
- 5) Press the 'PANIC' button to store the selected setting. The new value will flash.
(options not available if device is unprogrammed)

To program Reed Switch without Check feature.

The same sequence as above except that the magnet needs to be next to the miniature reed switch on the circuit board. Instead of moving the magnet next to the circuit board (step 3 above) move the magnet away from the circuit board. The reed switch will transmit and the 'A' will flash but the 'OK' light should not come on.

See next page for status display indications.

PROGRAMMING OPTIONS

DISPLAY

DESCRIPTION



OPEN/CLOSE REPORTS (default = OF)

Press the 'ON' button to view programmed setting.
 Press the 'ON' button to toggle setting. (Off / On)
 Press the 'PANIC' button to store selected setting.

OF Open/close reports disabled
On Open/close reports enabled.

Reports to the Central Monitoring Station when the system is Armed and Disarmed and which user operated the system.

NOTE: If Open / Close reports are selected User ID's are automatically sent.

Press the 'OFF' button to move to the next program option



LOW BATTERY REPORTING (Default=1)

1. No Low battery Reporting. 2. Report main unit low battery condition only.
 3. Report both main unit and detector low battery conditions. 4. Report detector low battery conditions only.

Press the 'ON' button to view programmed setting.
 Press the 'ON' button to step through options 1, 2, 3, and 4
 Press the 'PANIC' button to store selected setting.

1. No Low battery Reports. 2. Main unit only low battery reports.
 3. Main unit and detector low battery reports. 4. Detector low battery reports only.

Press the 'OFF' button to move to the next program option



CLIENT ACCOUNT NUMBER The Client Account number identifies to the central monitoring station which system is sending the alarm messages. (default = 0000)
NOTE: A client account number of 0000 will disable the dialler operation.

To program the Client Account number

CA is on the display.

Press the 'ON' button to view the programmed client account number.

The programmed four digit client account number will be flashed on the status display after which two beeps will occur and CA will flash.

To program the first digit of the client account number,

press the 'ON' button until the first digit is reached. (0 to 9)

Press the 'PANIC' button to store the first digit. (the second digit will flash)

To program the second digit of the client account number,

press the 'ON' button until the second digit is reached. (0 to 9)

Press the 'PANIC' button to store the second digit. (The third digit will flash)

Continue the 'ON' button and 'PANIC' button sequence for all digits.

Eg. To program Client Account Number 2481 follow these steps.

1) 'CA' is on the display

2) Press the 'ON' button to view current client account number.

The Client Account number will be flashed on the display, two beeps will occur and 'CA' will flash.

3) Press the 'ON' button to display the first digit. (first number will flash)

4) Press the 'ON' button until a 2 is on the display. (steady display)

5) Press the 'PANIC' button to store the change. (next digit will be flashing)

6) Press the 'ON' button until a 4 is on the display. (steady display)

7) Press the 'PANIC' button to store the change. (next digit will be flashing)

8) Press the 'ON' button until a 8 is on the display. (steady display)

9) Press the 'PANIC' button to store the change. (next digit will be flashing)

10) Press the 'ON' button until a 1 is on the display. (steady display)

11) Press the 'PANIC' button to store the change.

(the complete client account number will be flashed on the display then 'CA' will flash)

Press the 'OFF' button to go to 'n1' or Press the 'ON' button to change the client account number.

IMPORTANT: Client Account Number must be 0000 if no dialler is used !