Security Alarm System

Owner's Guide

8 sector CDS Dialler
8 - 24 sector Control Dialler
8 - 24 sector Control Securitel

Version 1.0
lcopm.pm4

Contents

Terms .....you may need to know

Alarm	-	The state of a security system when an armed sensor has been activated.
Arming	-	To place a section or panel ready to accept an alarm.
Central Station	-	A place where alarms are received and appropriate action taken in response to the Station alarm.
Door Contact	-	A sensor which detects the opening of a door.
EntryTimer	-	A timer that is used to delay the activation of an alarm
Exit Timer	-	A timer used to delay the arming of an Exit / Entry section.
Handover Section	-	A section that has Exit delay but only has Entry delay when an Exit and Entry Section has been activated first.
Isolate	-	To inhibit or bypass one or more sections from arming.
Microwave Detector	-	A detector which detects movement by the use of microwave energy.
Partial	-	Only part of the security system is Armed. (Pre Programmed sections are isolated).
PIR (Passive Infra Red)	-	A detector which detects movement by sensing sudden changes in Infra Red temperature.(e.g. Body Heat)
Plug Pack	-	A transformer which converts the 240 VAC Mains Power to 16 VAC to run the Security System.
Sealed	-	When a section is Armed and has not been activated.
Silent	-	A section may be programmed to be silent. i.e. does not trigger the siren or strobe when alarmed.
Siren Timer	-	A timer used to limit the running time of the siren.
System OFF	-	Security System is disarmed for all sections that are not programmed for 24 Hour.....Note: Fire, Panic and Tamper, if available, are still Armed.
System ON	-	Security System is Armed for all sections that are not isolated.

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Keypad Indicators

Section Lights - There are 8 or 24 section lights on the command centre.

- When the system is in the **OFF** mode all non 24 hour sections are not armed and the Section Lights indicate the condition of the sensor..When the Section Light is On the sensor is activated (e.g. door contact detecting door open or motion detector sensing movement). When the Section Light is OFF the sensor is not activated.

- When the system is in the **ON** mode all non isolated sections are armed. If the section light is FLASHING the sensor is activated and triggers the siren and strobe light (if it is not silent).This alarm is transmitted to the central station. When the light is out the section is not activated.

- When the system has been Armed, an exit timer starts and holds the sections that have been programmed for Exit or Entry delay disarmed. This allows the user to exit the premises without activating the alarm.

- When the system is armed, and the Exit timer has finished, Entry into the premises can be made via a section that has Entry delay. This starts the Entrydelay and if the system is disarmed there will be no alarm.

Power Light - This light is normally ON. This indicates that the Plug Pack power and backup battery are normal.

- When the Plug Pack power is not good (i.e. the mains has failed) the power light will single flash.

- When the Plug Pack power and battery are not good, the power light will double flash.

Program Light - Flashing while in Program mode. Program mode is entered when a user code is entered and isolate or test modes are selected. Program mode is also selected when the master code is entered and the user codes are being viewed or changed.

- When not in program mode the Program Light is Off

Keypad Indicators .....cont'd

Partial Light

- ON when the Partial mode has been selected and only some of the sections are armed.

- Single flash when the system is Partially armed and Exit timer is running.

- Double flash when the system is armed and the Entry timer is running. The Entry timer is started when an Exit / Entry is activated.

- OFF indicates partial mode is not selected.

On Light

- Off when the system is Off

- Single flash when the system is armed and Exit timer is running.

- Double flash when the system is armed and the Entry timer is running. The Entry timer is started when an Exit / Entry is activated.

Fire Light *

- When the Fire input is triggered, the Fire Light will start to Flash. If after 30 seconds the alarm has not been ac knowledged (by entering a valid user code and ON or OFF buttons) then an alarm will be sent to the Central Station and the Fire Light will stay ON.

Auxillary Light *

- The Auxillary Light is used to indicate the state of the Panic and Tamper inputs.

- When the Tamper input is activated the Auxillary Light will Single Flash.

- When the Panic input is activated the Auxillary Light will Double Flash.

* Not all panels have these indicators

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Keypad Keys

0 - 9 Keys - Used to enter numeric Codes or Function Numbers.

Test Key - Used when a valid User Code has been entered to enter Test mode.

Isolate Key - Used when a valid User Code has been entered to Isolate a section, usually before Arming the System.

Partial Key - Used when a valid User Code has been entered to Arm the System with Pre Programmed sections Isolated.

Off Key - Used when a valid User Code has been entered to Disarm the System.

On Key - Used when a valid User Code has been entered to Arm the System, it is also used as the code key when in programming mode.

NOTE : Some keypads have a seperate code button to access program mode.

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Fully Arming the System - ON Mode

Notes:
1. The system will not change to ON mode unless all section lights are out or isolated.
2. Power light should be ON and not flashing.
3. Program, Fire and Auxillary lights,if fitted, should be out.
4. Exit Timer starts as soon as ON light starts flashing and beeper gives exit warning.
5. Exit via programmed Exit/Entry sections only.
6. If the Exit / Entry sections are not sealed by the time the exit timer expires then the siren and strobe will give 2 seconds warning and the entry timer is started. If the system is not turned to OFF mode before the entry time expires a full siren / strobe and alarm transmission to the Central Station occurs.

Key Sequence	Operation
1 2 3 4 on	Example shows a User Code 1 2 3 4 being used to change the system to ON mode

Partially Arming the System - Partial Mode

Notes:
1. Only part of the system will be armed. Actual sections being armed depends on setup by technician during installation.
2. The section lights of the sections which are being armed in Partial mode must be out otherwise the system will not change to Partial ON mode.
3. Check Power light is on and not flashing.
4. Program, Fire and Auxillary, if fitted, lights should be out.
5. Exit Timer starts as soon as Partial light starts flashing and beeper gives exit warning.
6. Exit via programmed Exit/Entry sections only.
7. If the Exit / Entry sections are not sealed by the time the exit timer expires then the siren and strobe will give 2 seconds warning and the entry timer is started. If the system is not turned to OFF mode before the entry time expires a full siren / strobe and alarm transmission to the Central Station occurs.

Key Sequence	Operation
1 2 3 4 partial	Example shows a User Code 1 2 3 4 being used to change the system to Partial ON mode

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Isolate a Section from being Armed

Notes:
1. When entering section numbers a two digit number must be used. (On some panels that have   only 8 possible sections this may be reduced to single digit entry. i.e. the leading zero is ignored)
2. Only valid section numbers may be entered.
3. Sections are automatically de-isolated when the system is changed to OFF mode.
4. Depending on technician setup, isolations may be reported to the Central station.

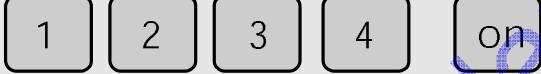| Key Sequence	Operation
[1] [2] [3] [4] [isolate]	Example shows a User Code 1 2 3 4 being used to enter Isolation mode.
[0] [4]	Sections 4 and 7 are being Isolated.
[0] [7]	
[on] or [partial]	When desired sections are isolated

Disarming the System - OFF Mode

Notes:
1. Only a valid User Code can change the system between OFF, ON and Partial modes.
2. Fire, Panic and Tamper inputs, if fitted, are always armed.
3. This key sequence also acknowledges or silences the siren / strobe if a Fire, Panic or tamper alarm is actuated.

Key Sequence	Operation
[1] [2] [3] [4] [off]	Example shows a User Code 1 2 3 4 being used to change the system to OFF mode

Changing User Codes

Notes:
1.   User 01 default is 1111.

2.   User codes are 4 digits long.

3.   User codes are used to change the status of panel, isolate sections or acknowledge alarms.

4.   User codes cannot be the same or within one count of another User code including the first 4 digits of the Master Code.

5.   To change User codes the system must be in the OFF mode.

Key Sequence	Operation
2 1 8 5 7 2 on	Example shows Master code 218572 used to enter program mode.
0 1	Select User code 01
1 2 3 4 on	Enter new code 1 2 3 4
0 7	Select User code 07
8 7 6 5 on	Enter new code 8 7 6 5
off	Exit program mode with the OFF key.

Changing the Master Code

Notes:

1. Master code default is 218572.

2. Master code is 6 digits long.

3. The Master code is only used to program the user codes. It cannot change the status of the system.

4. The system must be in OFF mode to enter the master code.

Key Sequence	Operation
[2] [1] [8] [5] [7] [2] [on]	Enter existing Master code (218572) used to enter program mode.
[0] [0]	Select function 00
[2] [4] [6] [8] [1] [2] [on]	Enter new master code 2 4 6 8 1 2
[off]	Exit program mode with the OFF key.

Other Features

Keypad Panic

The keypad panic may be initiated by holding both the ON and the OFF keys depressed together for a period of 3 seconds. If the alarm aystem is monitored a duress report will be sent to the monitoring station and, if enabled by the installer, the sirens will sound.

Sirens enabled for Panic   YES [   ]   NO [   ]

Keypad Duress

Keypad duress must be enabled by the installer at installation and is initiated by incrementing the last digit of a valid user code by 1. For example, if the users code was 1234, then a duress signal would be sent to the monitoring station if the user entered 1235 as their code. In all other respects the panel would react as if the normal code had been entered. For user codes ending in 9 then a 0 would be entered eg. normal code is 1949, duress code would be 1940.

Keypad duress enabled   YES [   ]   NO [   ]

Test   Functions

Notes:

1. Test your system regularly and this will keep you familiar with the system and confident in the system operation.

2. Maximum testing time is 10 minutes.

3. The system must be in OFF mode before entering test mode.

4. Test mode may not be entered until all alarm messages have been transmitted.

5. Some panels do not have all the test modes described below.
    Test 1   - Walk test - Beeper operates and section light operates.
    This test enables the user to walk around and activate sensors and check correct operation of sensors.

    Test 2   - Siren test - Siren sounds for 3 seconds.

    Test 3   - Strobe test - Strobe operates unitl next key press.

    Test 4   - All lights and beeper operate until next key press - used to check operation of lights and beeper.

    Test 5   - Recall Last Alarm - last alarm flashes until next key press.

    Test 6   - Reset Smoke Detectors (if fitted) - removes power from the smoke detectors for 5 seconds .

    Test 9   - Start a Test Report on Dialler (if fitted) - sends a test report to the Central station and synchronises the time for next test report. (Account number, and phone number must be programmed for this test to start.)

Key Sequence	Operation
[1] [2] [3] [4] [test]	Example shows a User Code 1 2 3 4 being used to enter test mode.
[1]	Test 1 started - walk test
[2]	Test 2 started - siren test
[off]	Exit test mode.

Warranty Statement

Manufactured equipment is warranted to be free from defects in material and wokmanship for a period of twelve (12) months from the date of manufacture as indicated by the date stamp and/or serial number on the product.

Defective units returned by the buyer at his own expense during this period will be repaired (or replaced at the option of the manufacturer) with an equivalent piece of re-manufactured and tested equipment.

The repaired or replaced equipment is then warranted for the balance of the initial warranty period or for thirty (30) days, whichever is longer.

The repair or replacement will be without charge provided that the equipment has not been subjected to electrical of physical misuse or to unauthorised repair or modification.

The foregoing warranty is in lieu of all other warranties, express or implied, including, but not limited to, merchantability or fitness for a particular purpose.

The purchaser's exclusive remedy with respect to any and all losses or damages resulting from any cause whatsoever, shall be repair or replacement as specified above.

Manufacturer shall in no event be liable for any consequential or incidental damages, however occasioned, whether by negligence or otherwise.

No suit or action shall be brought against manufacturer more than one (1) year after the accrual of the cause of action therefore.

No agent, employee or representative of the Manufacturer nor any other person is authorised to modify this warranty in any respect. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

A Message from Austel

Austel has requested the following be stated in all operating manuals.

WARNING: This equipment may cause electromagnetic interference. It has not been tested to show compliance with AS3548 Class A equipment, which is designed to provide reasonable protection against such interference. Operation of this equipment in a residential area could cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

Section List		ENTRY/EXIT	PARTIAL	24HR
1				
2				
3				
4				
5				
6				
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24				

Important Information

Control Panel Type	
Security Company	
Central Station Phone	
Date Installed	
Installed by	

Emergency Numbers

Local Police	
Fire Brigade	
Ambulance	
Doctor	

Proudly Designed and Manufactured
In Australia by

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