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Glossary of Terms

- Alarm** - The state of a security system when an armed sensor has been activated.
- Area** - A group of sections that may be independantly armed and disarmed. A security system may have several areas.
- 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 alarm.
- Door Contact** - A sensor which detects the opening of a door.
- Dual Technology Detection** - A detector which detects movement by the use of two types of detectors.
- Entry Timer** - A timer that is used to delay the Activator of an alarm
- Exit Timer** - A timer used to delay the arming of an Exit / Entry section.
- Handover Section** - A section that allows Exit and Entry delays when an Exit and Entry Section has been tripped.
- Isolate** - To inhibit or bypass one or more sections.
- Microwave** - 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).
- Partition** - See Area (above)
- 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 are still Armed.
- System ON** - Security System is Armed for all sections that are not isolated.

Keypad - Indicators and Keys

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 (sealed).
- 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 Entry delay and if the system is disarmed there will be no alarm.

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

- When the Plug Pack power is no good, (i.e. the mains have failed) the power light will single flash.
- When the Plug Pack power and battery are no good, the power light will double flash.

Area Lights - Systems that have Partitioning functions will have light indication for all possible Areas.

- The Area Light is ON when the associated Area is Armed.
- The Area Light will single flash when the associated Area is in Exit delay.
- The Area Light will double flash when the associated Area is in Entry delay.
- The Area Light is OFF when the associated Area is not Armed.

Program Light - Flashing while in Program mode. Program mode is entered when a user code is entered and isolate or test modes 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 Keys


- 0 - 9 Keys** - Used to enter numeric Codes or Function Numbers.
- Code Key** - Used when the Master Code or Technician Code has been entered to enter Program mode.
- 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 Super User Code has been entered to select which Areas are to be Armed.
- 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.

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Arming a Partition with a User Code

Notes:


1. Partitioned panels have two types of User codes:- User Codes, and Super User Codes. User codes are allocated to an area and can only arm and disarm the area which they are allocated.
Super User codes are able to arm and disarm any area.
2. The Area will not change to ON mode unless all section lights in the Area are out or isolated.
3. Power light should be ON and not flashing.
4. Program light should be out.
5. Exit Timer starts as soon as the Area light starts flashing and beeper gives exit warning.
6. Exit only via programmed Exit/Entry sections from the Area being armed.
7. If the Exit / Entry sections are not sealed when the exit timer expires then the siren will give 2 seconds warning and the entry timer is started. If the Area 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
	Example shows a User Code 1 2 3 4 being used to change it's Area to ON mode.

Disarming a Partition with a User Code

Notes:

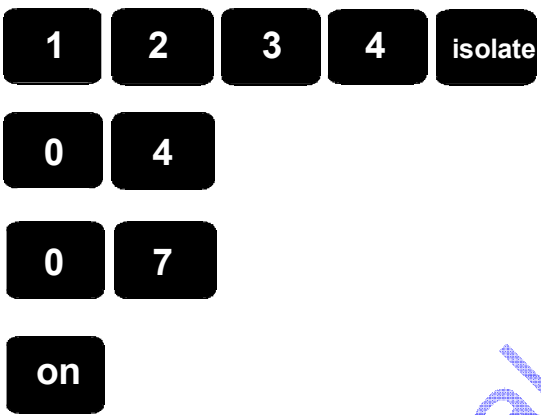
1. When using a User Code only the area allocated may be changed between ON and OFF.
2. Tamper input is always armed.
3. This key sequence also acknowledges or silences the siren / strobe if a tamper alarm is actuated.

Key Sequence	Operation
	Example shows a User Code 1 2 3 4 being used to change it's Area to OFF mode

Isolating a section when Arming a Partition

Notes:

1. An Area may be armed with sections Isolated. Only sections that are allocated to the Area being armed may be isolated and any other section that has been selected for isolation will be ignored.
2. Sections may be isolated by either User code or Super User code.
3. When entering section numbers a two digit number must be used.
4. Only valid section numbers may be entered.
5. Sections are automatically de-isolated when the Area is changed to the OFF mode.
6. Depending on preprogrammed options, isolations may be reported to the Central station.

Key Sequence	Operation
 <p>The diagram shows a sequence of key presses: 1, 2, 3, 4, isolate, 0, 4, 0, 7, on. Each number is inside a black rounded square button. The 'isolate' button is wider than the others. The 'on' button is also wider and positioned below the others.</p>	<p>Example shows a User Code 1 2 3 4 being used to enter Isolation mode.</p> <p>Sections 4 and 7 are being Isolated in the Area the User Code is allocated.</p> <p>When desired sections are isolated turn Area to ON mode.</p>

Arming a Partition/s with a Super User Code

Notes:

1. Arming an Area with a Super User code is similar to arming an Area with a User code except that a Super User code permits the user to arm or disarm all, or a selection, of the Areas.
2. Any Area that is already in the ON mode will not have its exit timer restarted.

Key Sequence	Operation
<p>1 2 3 4 on</p> <p>OR</p> <p>1 2 3 4 partial</p> <p>1 2 on</p>	<p>Example shows a Super User code 1 2 3 4 being used to change all the Areas to ON mode.</p> <p>Example shows a Super User Code 1 2 3 4 being used to change areas 1 and 2 to ON mode.</p>

Disarming a Partition/s with a Super User Code

Notes:







1. When using a Super User Code all Areas may be changed between the ON and OFF modes.
2. Only Areas that are ON will be changed to OFF mode.
2. Tamper input is always armed.
3. This key sequence also acknowledges or silences the siren / strobe if a tamper alarm is actuated.

Key Sequence	Operation
<p>1 2 3 4 off</p> <p>OR</p> <p>1 2 3 4 partial</p> <p>1 2 on</p>	<p>Example shows a Super User Code 1 2 3 4 being used to change all armed Areas to OFF mode.</p> <p>Example shows a Super User Code 1 2 3 4 being used to change areas 1 and 2 to OFF mode.</p>

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 or be the first 4 digits of the 6 digit Master Code.
5. To change User codes all the areas must be in the OFF mode.

Key Sequence	Operation
	Example shows Master code 218572 used to enter program mode.
	Select a User code. Example shows 01.
	Enter new code 1 2 3 4
	Select User code 07
	Enter new code 8 7 6 5
	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. All the areas must be in the OFF mode to enter the master code.

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

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. All the areas must be in the 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 until 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 to next test report. (Account number, and phone number must be programmed for this test to start.)

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

Warranty Statement

Manufactured equipment is warranted to be free from defects in material and workmanship 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 or 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

As from January 1st, 1992, 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

Section	Area	Exit/ Entry	24 Hour	Silent
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
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