

Logic-Com

8 Section Control Dialler



Installation and Programming

Information

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1.0**INPUTS:**

- Inputs 1 to 8** Are 10K end of line monitored, with a response time of 300 ms. Alarm triggers SIREN, STROBE and REPORTING. (depending on setup)
- Inputs 1 to 8** Are armed in ON mode and PARTIAL mode (depending on partial setup). May be programed to have EXIT and ENTRY or EXIT and HANDOVER delays. Or may be programed for 24 HOUR operation.
- 16-18VAC:** These terminals are for connection to a 16-18 vac 1.5 amp (plug pack)

2.0**OUTPUTS:**

- Aux 12V (INT12V)** This 12vdc is for detectors, etc. The output is via the INTERNAL fuse. Between 200 and 500mA can be delivered to load depending on other loads, eg. siren, strobe. The onboard regulation is rated at 1.5amps and of this, the battery can take upto 200mA depending on the state of charge. One strobe requires 250mA and each speaker 200mA. The panel itself in alarm with one arming station connected draws 150mA approx.
- Batt:** This output is connected to the onboard regulator via a resistor which limits the charge current. Charging voltage is 13.7v.
- Int sir:** Output to drive 2 x 8 ohm speaker rated at 10 watts, fused via INTERNAL fuse.
- Int bell:** Output (timed) to drive DC screamers, fused via INTERNAL fuse. May also be programmed (opt 91) as armed, 24 hour alarm, bell or smoke detector power.
- Ext stb:** 12vdc output to drive 12vdc strobe, fused via EXTERNAL fuse.
- Ext sir:** Output to drive 1 x 8ohm speaker rated at 10 watts, fused via EXTERNAL fuse.
- Telecom Line socket** This is where the Telecom lead, which is supplied with the unit is connected. The Telecom lead uses pins 2 & 6 of the Telecom socket for the incoming line and pins 1 & 5 connect to the telephone in a MODE 3 arrangement. Telecom approval No. A89-12-0083
- High Integrity Comms Earth** This terminal connects to a dual GAS ARRESTOR. This device is the same as used by Telecom in exchanges and main frames to protect against lightning induced voltages. If this terminal is connected to an earth rod or cold water pipe, the tolerance to high voltage or lightning induced transients is greatly increased. The Telecom input normally has a high tolerance to transients but with this terminal connected the tolerance is even greater. Use a heavy conductor for this purpose 40/020 or similar.
- Remote** These 4 terminals connect to the REMOTE KEYPADS.
- Command** The terminal marked + connects to the terminal marked + on the keypads
The terminal marked CLK connects to the one marked C on the keypads
The terminal marked DATA connects to the one marked D on the keypads
The terminal marked - connects to the terminal marked - on the keypads

3.0**LEDs on the PCB**

Scan: This led indicates that the micro-processor is operating and must always be flickering

4.0**Initialization**

To initialize the panel to factory defaults enter program mode and use **Function 90** or power the panel up with any button pressed on the keyboard for 3 seconds.

5.0**On Power up**

On power up the unit performs an **internal self test** of EEPROM. If the EEPROM is found to have been corrupted in some way then the **factory defaults** will be reloaded.

On power up the unit **starts off in OFF mode** and the sirens may operate for half a second.

6.0**Dialling Sequence**

The dialling sequence from start to finish consists of 6 dialling attempts. 3 dialling attempts to the first phone number (with a 20 second pause between attempts to wait for handshake). If after the 3 attempts no handshake is received then the dialler will release the line for 5 minutes. After which, 3 attempts will be made to the second phone number (if no second number has been programmed then the first number will be tried again). If after these 3 attempts handshake is still not received the dialler will give up until another condition causes it to dial, at which time the previous condition will also be reported.

7.0**Communications Functions.**

Function	Function Description	# of Digits	Defaults
60	Account number	4	Nil
63	Open / Close reports	1	Yes
64	Phone Number one	15 max	Nil
65	Phone Number two	15 max	Nil
66	Dial method	1	Decadic
67	Tape Dial (Domestic Dial)	1	No Tape
68	Report Restorals ?	1	Yes
69	No of days between test reports	1	Nil
70	Checksum reporting	1	Yes
71	Report Isolates ?	1	Yes
72	Report User IDs ?	1	Yes
73	Delay till first test report	1	12 Hours
74	Duress on / off	1	Off
75	Auto isolation	1	No
76	Multibreak per section	1	Nil

8.0**Special Functions.**

90	Default to factory (see also Initialization)	0	N/A
91	Bell Output Type	1	Bell
92	Slave Dialler	1	Control Dialler
93	Keyswitch Option	1	No KSw
94	Siren Speed	1	Medium
99	Technician Code	6	218067

Function Number	Function	Number of Digits	Defaults
00	Master Code holder	6	218572
01	User code 1	4	1111
02	User code 2	4	Nil
03	User code 3	4	Nil
04	User code 4	4	Nil
05	User code 5	4	Nil
06	User code 6	4	Nil
07	User code 7	4	Nil
08	User code 8	4	Nil
09	User code 9	4	Nil
10	User code 10	4	Nil
11	User code 11	4	Nil
12	User code 12	4	Nil
13	User code 13	4	Nil
14	User code 14	4	Nil
15	User code 15	4	Nil
40	Exit time	1	60 secs
41	Entry time	1	30 secs
42	Siren time	1	10 min
43	Partial Mode Isolates	1	Nil
49	Exit and Entry sections	1	Sections 1 + 2
50	Exit and handover sections	1	Nil
51	Partial Exit and Handover sections	1	Sections 1 + 2
52	24 hour inputs	1	Nil
55	Silent sections	1	Nil
56	Fire sections	1	Future Option

10.1**Function 40 - Exit Time***Default - 60 seconds***Options**

0 - 0 seconds	5 - 50 seconds
1 - 10 seconds	6 - 60 seconds
2 - 20 seconds	7 - 70 seconds
3 - 30 seconds	8 - 80 seconds
4 - 40 seconds	9 - 90 seconds

Key Sequence

2 1 8 0 6 7 Code
 4 0
 5 Code

Off

Operation

Enter valid Technician code
 Select function number 40
 Select & store option number (example shows option 5, i.e. 50 secs being selected).
 Exit Program mode

10.2**Function 41 - Entry Time***Default - 30 seconds***Options**

0 - 0 seconds	5 - 50 seconds
1 - 10 seconds	6 - 60 seconds
2 - 20 seconds	7 - 70 seconds
3 - 30 seconds	8 - 80 seconds
4 - 40 seconds	9 - 90 seconds

Key Sequence

2 1 8 0 6 7 Code
 4 1
 3 Code

Off

Operation

Enter valid Technician code
 Select function number 41
 Select & store option number (example shows option 3, i.e. 30 secs being selected).
 Exit Program mode

10.3**Function 42 - Siren Time***Default - 10 minutes***Options**

0 - 0 seconds	5 - 2 min 40 sec
1 - 10 seconds	6 - 5 min
2 - 20 seconds	7 - 10 min
3 - 40 seconds	8 - 21 min
4 - 80 seconds	9 - 42 min

Notes:

Siren time applies to internal, external and satellite sirens

Australian Standards AS 2201 limit siren to be triggered only once per section unless manually re-armed.

Noise pollution regulations in most states limit siren time to 10 minutes

Key Sequence

2 1 8 0 6 7 Code
 4 2
 5 Code

Off

Operation

Enter valid Technician code
 Select function number 42
 Select & store option number (example shows option 5, i.e. 2 mins 40 secs being selected).
 Exit Program mode

10.4**Function 43 - Partial Mode** *Default - No sections programmed to be isolated.***Note:**

- Partial Mode sets up a pre-programmed list of sections which are isolated.
- Only Sections 1 - 8 or 1 - 24 can be entered in Partial Mode

Key Sequence	Operation
2 1 8 0 6 7 Code	Enter Tech Code followed by the code (default is 218067)
4 3	Select Function 43 (previously selected sections will flash)
1	Section 1 entered
4	Section 4 entered
Code	Store entry
Off	Exit program mode

10.5**Function 49 - Exit and Entry Sections in ON Mode***Default - Sections 1 + 2 have exit / entry*

Display and change which sections will have exit / entry delay.

Key Sequence	Operation
2 1 8 0 6 7 Code	Enter Tech code(default 210867)
4 9	Select Function 49 (previously selected sections will flash)
1	Section 1 has exit / entry
7	Section 7 has exit / entry
Code	Store this selection
Off	Exit program mode

10.6**Function 50 - Exit and Handover Sections in ON Mode** *Default none*

Display and change which sections will have exit / handover delay.

Key Sequence	Operation
2 1 8 0 6 7 Code	Enter Tech code(default 210867)
5 0	Select Function 50 (previously selected sections will flash)
2	Section 2 has exit / handover
8	Section 8 has exit / handover
Code	Store this selection
Off	Exit program mode

10.7**Function 51 - Exit / Entry Sections in Partial mode** *Default none*

Display and change which sections will have exit / entry delay in Partial mode.

Key Sequence	Operation
2 1 8 0 6 7 Code	Enter Tech code(default 210867)
5 1	Select Function 51 (previously selected sections will flash)
1	Section 1 has exit / entry, Sector 1 led will flash
2	Section 2 has exit / entry, Sector 2 led will flash
3	Section 3 has exit / entry, Sector 3 led will flash
4	Section 4 has exit / entry, Sector 4 led will flash
Code	Store this selection
Off	Exit program mode

10.8**Function 52 - Sections to operate in 24 Hour mode***Default none*

Display and change which sections will operate as 24 hour inputs.

Key Sequence2 1 8 0 6 7 Code
5 2

6

7

Code

Off

Operation

Enter Tech code(default 210867)

Select Function 52

(previously selected sections will flash)

Section 6 is a 24 hour input

Section 7 is a 24 hour input

Store this selection

Exit program mode

10.9**Function 55 - Silent Sections***Default none*

Display and change which sections will operate as Silent Sections.

Key Sequence2 1 8 0 6 7 Code
5 5

6

7

Code

Off

Operation

Enter Tech code(default 210867)

Select Function 55

(previously selected sections will flash)

Section 6 is a Silent input

Section 7 is a Silent input

Store this selection

Exit program mode

10.10**Function 56 - Fire Sections (Future Option)***Default none*

Display and change which sections will operate as Fire Sections.

Note:

- When a Fire Section is triggered the Fire led will flash with the section led. The alarm can be aborted while Fire led flashing. After a period of 30 seconds the Fire led will become steady and the alarm will be transmitted.

Key Sequence2 1 8 0 6 7 Code
5 6

6

7

Code

Off

Operation

Enter Tech code(default 210867)

Select Function 56

(previously selected sections will flash)

Section 6 is a Fire input

Section 7 is a Fire input

Store this selection

Exit program mode

Note: - For functions 43,49,50,51,52,55,56&76

- When the function number is entered the previously selected sections will flash. If at this point the Code button is depressed no changes will be made and the program led will be flashing again.

- To de-select a section re-enter that sections number. The section led will be off.

11.0**Selected option or Program Readback.**

Whilst in PROGRAM mode, If an option is entered followed by the TEST key then that options setting will be read back using the leds on the programmer as follows.

" LED	" INDICATES DIGIT "
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
Partial	9
On	0
Auxiliary (or blank)	Pause

e.g. (In this case option 60 is 0199)
If you wish to check Function 60
Enter the Function number 6 0 followed by the TEST key.

ON led will light accompanied by a beep (digit 0)
then number 1 led accompanied by a beep (digit 1)
then PARTIAL led accompanied by a beep (digit 9)
then another beep with PARTIAL led still lit (digit 9)
Then beep beep and the PROGRAM led flashing again

11.1**Other features**

- **KEYBOARD PANIC** Keyboard Panic is achieved by pressing and holding both the OFF and ON keys together and holding for 2 secs. This is a local as well as back to base alarm. Keyboard Panic may be triggered and reported more than once.
- **KEYBOARD DURESS** Keyboard Duress is sent by entering your normal 4 digit code but with the last digit incremented by 1.
If your code is " 1234 " then enter "1235 ", a duress is sent with no local alarm.
If the last digit of your code is " 0 " then enter a " 1 ". Or if a 9 enter a 0.
- **24 HOUR:** Inputs which are configured for 24 hour operation, when alarmed will send a restoral when that input is resealed and a valid user code is entered.
- **LOW BATT:** Low battery is automatically detected and reported by the control dialler. When low batt is detected the power led on the Command Centre will flash. After the battery voltage has been low (below 10.5V) for 30 seconds the dialler will send a low battery report.
When the battery vottage is restored to normal the led will go steady again and after 30 seconds the dialler will send a low battery restoral.
- **TEST DIAL:** To test the reporting ability of the dialler a test dial may be initiated by entering a User code and then TEST 9. When the dialler receives the handshake tones from the monitoring station the dialler will give 3 beeps. When Tape Dial (option 67) is enabled the dialler will give 3 beeps after dialling is completed for the test call.
This test dial will reset the time to next test dial if test reports are enabled.

12.1**Function 60 - Account number***Default - none***Notes:**

- 4 Digits Limits 0000- 9999
- This function is used to enter the account number for transmission to the Central Station.
- The dialler will not dial if account number or phone number not programmed.
- Note: If the account number is set to 0000 dialling is disabled.

Key Sequence**Operation**

2 1 8 0 6 7 Code

Enter valid Technician code.

6 0

Select function 60

6 6 6 6 Code

Enter Account number - example
shows account number 6666 entered

Off

Exit Program mode

12.2**Function 63 - Open / Close reports - Yes / No.** *Default - send open /close***Notes:**

Selects whether open / close reports are sent or not

Option

1 Open / Close sent

0 No Open / Close sent

Key Sequence**Operation**

2 1 8 0 6 7 Code

Enter valid Technician code.

6 3

Select function 63

1

Open / Close sent

Code

Store entry

Off

Exit Program mode

12.3**Function 64 - Phone number 1***Default - none***Note:**

- The phone number may be up to 15 digits long Including pauses
- 1 sec pause = Partial key

Key sequence**Operation**

2 1 8 0 6 7 Code

Enter valid Technician code.

6 4

Select function 64

047 Isolate 218067

Enter phone number 1, In this case 047 1 sec pause 218067

Code

Store Entry

Off

Exit Program mode

12.4**Function 65 - Phone number 2***Default - none***Note:**

- The phone number may be up to 15 digits long including pauses
- 1 sec pause = Partial key

Key sequence**Operation**

2 1 8 0 6 7 Code

Enter valid Technician code.

6 5

Select function 65

047218572

Enter phone number 2

In this case 047218572

Code

Store entry

Off

Exit Program mode

12.5**Function 66 - Dialling method***Default - Decadic dialling (pulse)*

Selects to dial in DTMF or Decadic

Option

- 1 Dial in DTMF, (tone)
0 Dial in Decadic, (pulse)

Key Sequence

2 1 8 0 6 7 Code

6 6

1 Code

Off

Operation

Enter valid Technician code.

Select function 66

Dial in DTMF

Exit Program mode

12.6**Function 67 - Tape Dial***Default - No Tape Dial*

When selected Tape Dial mode causes the dialler not to listen for acknowledge tone and starts sending alarm message continuously until 30 second timeout or until a kissoff tone. (In this mode a kissoff tone can be a whistle). If the whistle is received on the first call it will not continue to dial.

Note:

In this mode no open/closing report, restores, isolate/deisolates, or 24 hour test messages are sent.

Option

- 1 Tape Dial (No handshake to start message)
0 Normal Reporting.

Key sequence

2 1 8 0 6 7 Code

6 7

1 Code

Off

Operation

Enter valid Technician code.

Select function

Tape Dial selected

Exit Program mode

12.7**Function 68 - Report restorals***Default - Report restorals*

The dialler will normally report when an input is restored to a non alarm condition.

Option

- 1 Report restorals
0 Do not report restorals

Key sequence

2 1 8 0 6 7 Code

6 8

0 Code

Off

Operation

Enter valid Technician code.

Select function

Don't report restorals

Exit Program mode

12.8**Function 69 - Test reports***Default - No test reports*

This function programs the number of 24hr periods between test reports, programming a 0 gives no test reports.

Key sequence

2 1 8 0 6 7 Code

6 9

7

Code

Off

Operation

Enter valid Technician code.

Select function

Select period in days

Store entry In this case a test report is given once per week

Exit Program mode

12.9 **Function 70 - Report Using Checksum***Default - using checksum*

The dialler defaults to use the single round with checksum.
If a 0 is programmed the dialler will report in dual round without checksum.

Note:

Not all base stations can handle reporting with checksum.

Option

- 1 Report using checksum
0 Do not use checksum in reporting

Key sequence

2 1 8 0 6 7 Code

7 0

1 Code

Off

Operation

Enter valid Technician code.

Select function

Report using checksum

Exit Program mode

12.10 **Function 71 - Report Isolated Sections***Default - Isolate reports*

The control panel will normally report isolated sections
If enabled the control panel will report isolated sections at the end of exit time.

Option

- 1 Report Isolated sections
0 Do not report Isolated sections

Key sequence

2 1 8 0 6 7 Code

7 1

1 Code

Off

Operation

Enter valid Technician code.

Select function

Report isolated sections

Exit Program mode

12.11 **Function 72 - Report user IDs***Default - User ID reports***Note:**

If enabled the control panel will report user IDs at the end of exit time.

Option

- 1 Report user IDs
0 Do not report user IDs

Key sequence

2 1 8 0 6 7 Code

7 2

1 Code

Off

Operation

Enter valid Technician code.

Select function 72

Report user IDs

Exit Program mode

12.12 **Function 73 - Delay till First test report***Default - 12 hours***Note:**

This sets the delay from when program is exited till the dialler sends its first test report,
in multiples of 4 hours.

Key sequences

2 1 8 0 6 7 Code

7 3

2 Code

Off

Operation

Enter valid Technician code.

Select Function

8 hours till first test report

Exit Program mode

12.13**Function 74 - Keyboard Duress On / Off***Default - Duress disabled***Note:**

Keyboard duress may be disabled to prevent accidental duress alarms from private residences. Duress is achieved by adding 1 to the last digit eg. 1234 becomes 1235, 6789 becomes 6780.

Option

1 Duress reports enabled
0 Duress reports disabled

Key sequence

2 1 8 0 6 7 Code

7 4

1

Code

Off

Operation

Enter valid Technician code.

Select Function

Duress enabled

Store entry

Exit Program mode

12.14**Function 75 - Auto-Isolate On/Off***Default - Auto-Isolate disabled*

Normally if an attempt to arm the panel with a faulted section (other than an exit/entry section) is made the panel will give an error beep. If this option is turned on then faulted sections will be automatically isolated and will be reported as such.

Option

1 Auto isolation enabled
0 Auto isolation disabled

Key sequence

2 1 8 0 6 7 Code

7 5

1

Code

Off

Operation

Enter valid Technician code.

Select Function

Auto-Isolation enabled

Store entry

Exit Program mode

12.15**Function 76 - Multi-Report (Multi-Break)***Default - None*

Display and change which sections will report input condition changes when armed.

Note:

This option will not give multi triggering of sirens to a section but will give multi reporting. The section led will latch on first alarm for that section.

Key sequence

2 1 8 0 6 7 Code

7 6

1

Code

Off

Operation

Enter valid Technician code.

Select Function

Multi-Report enabled

Store entry

Exit Program mode

13.1**Function 90 - Default System Parameters****Notes:**

This option is used to default all system setup values and user numbers etc, back to known values. Or power up with a button held for 3 seconds.

Key Sequence

2 1 8 0 6 7 Code

9 0 Code

Operation

Enter valid Tech code

Select Function 90 to reset all options to default values

13.2**Function 91 - Bell Output Type***Default - Normal Bell Output***Options**

- 0 - Normal Bell Output
- 1 - Normal Bell Output
- 2 - Panel Secure
- 3 - 24 Hour input in Alarm
- 4 - Smoke Detector Power

Note:

When used for Smoke Detector Output, the Bell Output is used as the negative supply to the Detectors. The Smoke Detector power may be turned off for five seconds when the panel is not armed by entering a user code and then TEST 6.

Key Sequence

- 2 1 8 0 6 7 Code
- 9 1
- 4 Code
- Off

Operation

- Enter existing Tech code (default is 218067)
- Select function 91
- Select Smoke Detector Power
- Exit from Program mode

13.3**Function 92 - Slave Dialler Option***Default - Control Dialler***Options**

- 0 - Control Dialler
- 1 - Slave Dialler

Notes:

When Slave Dialler option selected, inputs are still 10k monitored.

Key Sequence

- 2 1 8 0 6 7 Code
- 9 2
- 1 Code
- Off

Operation

- Enter existing Tech code (default is 218067)
- Select function 92
- Slave Dialler Selected
- Exit from Program mode

13.4**Function 93 - Keyswitch Option***Default - No Keyswitch***Options**

- 0 - No Keyswitch fitted
- 1 - Keyswitch fitted

Notes:

The Keyswitch is fitted to inputs 7 and 8.

These inputs are disabled as alarm inputs.

To arm panel into Partial mode seal input 7 (with 10k resistor).

To arm panel into Secure mode seal input 8 (with 10k resistor).

To disarm panel unseal inputs 7 or 8.

Key Sequence

- 2 1 8 0 6 7 Code
- 9 3
- 1 Code
- Off

Operation

- Enter existing Tech code (default is 218067)
- Select function 93
- Select Keyswitch fitted.
- Exit from Program mode

13.5**Function 99 - Technician Code***Default - 218067 (six digits only)***Notes:**

The Technician code is used to set up all functions of the system.
 Those setups are stored in non - volatile memory - (the setups not lost during loss of power).
 Enter Tech code only when system is in **OFF** mode.

Key Sequence

2 1 8 0 6 7 Code

9 9

6 5 6 5 6 5 Code

Off

Operation

Enter existing Tech code (default is 218067)

Select function 99

Enter new 6 - digit Technician code

(in this example code being entered is 656565)

Exit from Program mode

14.1**Function 00 - Master Code***Default - 218572 (six digits only)***Notes:**

The Master code is used to enter and change the user codes only. (no system setups may be changed)
 The Master code may be changed by either the Technician or by the holder of the existing Master code.

Key Sequence

2 1 8 0 6 7 Code

0 0

1 2 3 4 5 6 Code

Off

Operation

Enter existing Tech code (default is 218067)

Select function 00

Enter new 6 - digit Master code

(in this example code being entered is 123456)

Exit from Program mode

14.2**Function 01 - User Code 1***Default - 1111 (four digits only)***Notes:**

- 15 User codes may be programed into the panel, These user codes are programed using Function numbers 01 to 15, all are programed in exactly the same manner.
- No two User Codes may be the same and if Keyboard Duress has been enabled by **Function 74** then no two codes can be within 2 digits of each other. eg. if one code is **1234** then the closest a code can be to it is **1236** or **1232**, or else an error beep will be heard.
- The User codes are used to Arm, Disarm, Isolate Sections and Test the system only.
- The User codes may be changed by either the Technician or by the holder of the existing Master code.

Key Sequence

2 1 8 0 6 7 Code

0 1

1 2 3 4 Code

Off

Operation

Enter existing Tech code (default is 218067)

Select function 01

Enter new 4 - digit User code

(in this example code being entered is 1234)

Exit from Program mode

Note:

- To delete a User Code from the system select the Function for that User Code, depress the Isolate button and then the Code button, that code has now been deleted.

Key Sequence

2 1 8 0 6 7 Code

0 4

Isolate

Code

Off

Operation

Enter existing Tech code (default is 218067)

Select User Code 4

Select delete

End the sequence.

Exit from Program mode

REPORTING CODES

EXPANDED HIGH SPEED ADEMCO REPORT CODES

The high speed ademco reports are 13 digits long with the first four digits being allocated to be the client's account number, the next 8 digits allocated to be event reporting channels with the last digit being the channel status code.

Valid codes for the 8 event reporting channel codes with their meanings are as follows:-

Code	Meaning
1	New event
2	New opening
3	New restore
4	New closing
5	Normal
6	Previously reported event still in effect

Valid codes for the channel status code with their meaning are as follows:-

Code	Meaning
1	Duress report in previous 8 channels (alarm in channel 1) e.g. acct #. channels. code. 1234 1555 5555 1
2	Opening report in previous 8 channels (user id in channel 1) e.g. acct #. channels. code. 1234 7222 2222 2 - user 7 disarmed the system
3	Zone bypass status report in previous 8 channels e.g. acct #. channels. code. 1234 5515 5555 3 - zone 3 newly isolated 1234 1565 5555 3 - zone 1 newly isolated, zone 3 previously isolated 1234 3535 5555 3 - zone 1 and 3 isolate restoral
4	Closing report in previous 8 channels e.g. acct #. channels. code. 1234 8444 4444 4 - user 8 armed the system 1234 F444 4444 4 - user 15 armed the system
5	Zone trouble report in previous 8 channels (not used)
6	System trouble report in the previous 8 channels (not used)
7	Zone alarm status report e.g. acct #. channels. code. 1234 5515 5555 7 - zone 3 newly alarmed 1234 1565 5555 7 - zone 1 newly alarmed, zone 3 previously alarm 1234 3535 5555 7 - zone 1 and 3 alarm restoral
8	New low battery alarm e.g. acct #. channels. code. 1234 5555 5555 8 - low battery alarm
9	Test report. Alarm status is reported in the previous 8 channels e.g. acct #. channels. code. 1234 5555 5655 9 - test report, previous alarm zone 6.