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# **TECHNICIANS HANDBOOK**

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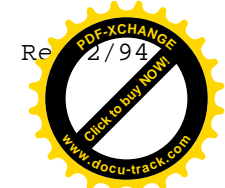
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**\$5.00**

**CONTAINS:**

Programming Forms  
Summary of Connections Diagrams  
Dip Switch Tables  
Entering Secondary User Codes

**ADEMCO**



## PLEASE READ FIRST.....

This book is expressly written for security installation professionals. While reasonable care has been exercised with respect to its accuracy, please review the installation instructions accompanying the controls for any updates or changes that may not be reflected in this manual.

We hope you find this manual helpful!

## CONTACTING TECHNICAL SUPPORT.....

PLEASE, before you call for technical support, be sure you:

- ◆ READ THE INSTRUCTIONS!
- ◆ Check all wiring connections.
- ◆ Determine that the power supply and/or backup battery are supplying proper voltages.
- ◆ Verify your programming information where applicable.
- ◆ Note the proper model number of the product, and the level (if known) along with any documentation that came with the product.
- ◆ Note your Ademco customer number and/or company name.

Having this information handy will make it easier for us to serve you quickly and effectively.

East Coast Technical Support:	1-800-645-7492 (8 a.m. - 6 p.m. E.S.T.)
West Coast Technical Support:	1-800-458-9469 (8 a.m. - 5 p.m. P.S.T.)
Technical Support Fax Number:	1-800-447-5086 (24 Hours)

ATLIS-BBS Electronic Bulletin Board System: 1-516-496-3980  
(1200 - 9600 Baud, 8 Data Bits, 1 Start/Stop Bit, No Parity)  
ATLIS-FAX Automated Document Retrieval System: 1-800-645-7492 Press 1 then 6  
or 1-800-645-7568 Press 1 then Ext. 403

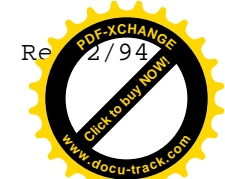
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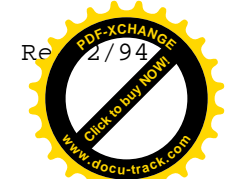
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## 4110 PROGRAMMING FORM (1 of 2)

### SYSTEM ARMING \*20 - \*23

MASTER CODE \*20      
(ENTER 0-9)

QUICK ARM ENABLE \*21  †  
(0=NO, 1=YES)

KEYSWITCH ENABLE \*22  †  
(0=NO, 1=YES)

FORCE BYPASS ENBL \*23  †  
(0=NO, 1=YES)

### ZONE RESPONSE PROGRAMMING \*30 - \*39

ALARM BELL TIMEOUT \*30  †  
(0 = NONE; 1- 4 MIN.; 2 - 8 MIN;  
3= 12 MIN)

Use the following table for programming \*31 - \*34

- 0 or undefined = Zone Disabled
- 1 = ENTRY/EXIT, Burglary
- 3 = PERIMETER, Burglary
- 4 = INTERIOR, FOLLOWER, Burglary
- 5 = TROUBLE BY DAY/ ALARM BY NIGHT, Burglary
- 6 = 24 hr (Silent)
- 7 = 24 hr (Audible)
- 8 = 24 hr (Auxiliary)

ASSIGN RESPONSE \*31   
TYPE FOR ZONE 1

ASSIGN RESPONSE \*32   
TYPE FOR ZONE 2

ASSIGN RESPONSE \*33   
TYPE FOR ZONE 3

ASSIGN RESPONSE \*34   
TYPE FOR ZONE 4

ASSIGN RESPONSE \*35   
TYPE FOR ZONE 5

Use the following table for programming \*35

- 0 or undefined = Zone Disabled
- 1 = ENTRY/EXIT, Burglary
- 2 = FIRE w/ timeout
- 3 = PERIMETER, Burglary
- 4 = INTERIOR, FOLLOWER, Burglary
- 5 = TROUBLE BY DAY/ ALARM BY NIGHT, Burglary
- 6 = 24 hr (Silent)
- 7 = 24 hr (Audible)
- 8 = 24 hr (Auxiliary)
- 9 = Fire w/o timeout

ASSIGN RESPONSE \*36   
TYPE FOR ZONE 6  
(see table for \*31-\*34)

ASSIGN RESPONSE \*37   
TYPE FOR ZONE 7

- (CONSOLE PANIC)  
0 or undefined = Zone Disabled  
2 = Fire w/ timeout      6 = 24 hr (Silent)  
7 = 24 hr (Audible)    8 = 24 hr (Auxiliary)  
9 = Fire w/o timeout

ENTRY DELAY \*38  †

- 0 = 0 seconds
- 1 = 20 seconds
- 2 = 30 seconds
- 3 = 45 seconds
- EXIT= ENTRY delay + 15 seconds

ZN 3 FAST RESPONSE \*39  †

- TO OPEN  
0 = NO (400ms nominal)  
1 = YES (10ms nominal)

### DIALER PROGRAMMING \*40 - \*47

PABX DIGITS \*40      
(Enter 0-9; Exit by pressing \*. Press 41 if entering next field.)

PRIMARY PHONE No. \*41  
(Enter 0-9; Exit by pressing \*. Press 42 if entering next field.)

SECONDARY PHONE No.\*42  
(Enter 0-9; Exit by pressing \*. Press 43 if entering next field.)

SUBSCRIBER ACCT No. \*43      
(Enter 0-9; #11= B; #12= C; #13 = D; #14 = E; #15=F  
Exit by pressing \* in the 4th position if only 3 digits used.  
Press 44 if entering next field.)

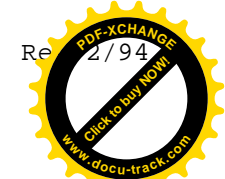
REPORT FORMAT \*44   
0 = 3+1, 4+1 ADEMCO L/S STANDARD  
1 = 3+1, 4+1 RADIONICS STANDARD  
2 = 4+2 ADEMCO L/S STANDARD  
3 = 4+2 RADIONICS STANDARD  
6 or undefined = 4+2 ADEMCO EXPRESS  
8 = 3+1, 4+1 ADEMCO L/S EXPANDED  
9 = 3+1, 4+1 RADIONICS EXPANDED

PHONE SYS SELECT \*45  †  
0 = Pulse Dial  
1 = Tone Dial  
2 = Pulse Dial (CS on a WATS line)  
3 = Tone Dial (CS on a WATS line)

FUTURE USE \*46  †

15 SEC DELAY FOR \*47  †  
BURG REPORT  
(0=NO, 1=YES)

† Odd numbers same as 1; even numbers same as 0.  
†† If a number greater than 3 is entered, the central will subtract multiples of 4 to get to the allowable program range.



## 4110 PROGRAMMING FORM (2 of 2)

To program Alarm, System Status, and Restore Report Codes, enter 0 as first digit to disable report or enter codes 1-8; #10 = 0; #11 = B; #12 = C; #13 = D; #14 = E; #15 = F for each report code digit. If 3+1 reporting or 4+1 Standard is used, the 2nd digit of the report will be ignored by the control and not be sent. In these cases 0 may be entered when programming the second digit. If Expanded programming is used and a 0 is entered as the expanded digit, the expanded message will not be sent for this report.

### ALARM REPORT CODES \*51 - \*59

- ZONE 1 ALM RPT CODE      \*51
- ZONE 2 ALM RPT CODE      \*52
- ZONE 3 ALM RPT CODE      \*53
- ZONE 4 ALM RPT CODE      \*54
- ZONE 5 ALM RPT CODE      \*55
- ZONE 6 ALM RPT CODE      \*56
- ZONE 7 ALM RPT CODE      \*57
- (Console Panic)
- ZONE 8 ALM RPT CODE      \*58
- (Duress)
- ZONE 9 ALM RPT CODE      \*59
- (Tamper)

### SYS STATUS RPT CODES \*60 - \*66

- TROUBLE RPT CODE      \*60
- BYPASS RPT CODE      \*61
- AC LOSS RPT CODE      \*62
- LOW BAT RPT CODE      \*63
- TEST RPT CODE      \*64
- OPEN RPT CODE      \*65  †
- CLOSE RPT CODE      \*66  †

† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.

### RESTORE RPT CODES \*70 - \*74

- ALARM RESTORE CODE      \*70  ††
- TROUBLE RESTORE CODE    \*71
- BYPASS RESTORE CODE      \*72
- AC RESTORE CODE      \*73
- LOW BAT RESTORE CODE      \*74

CNTRL STA DWNLD PHONE No. \*94  
(Enter 0-9; Exit by pressing \*)

--	--	--	--	--	--	--	--	--	--	--	--

INITIALIZES CNTRL STA ID #    \*96

ZEROS ALL PRGRM ENTRIES    \*97  
(Fields 20 - 74)

EXITS PRGRM MODE            \*99

†† 2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*51 - \*59 if expanded or 4+2 reporting is selected.

## 4110DL PROGRAMMING FORM (1 of 2)

FIELD	FUNCTION	PROGRAMMED VALUES
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### SYSTEM ARMING (\*20-\*23)

- \*20 MASTER SECURITY CODE     Enter 4 digits, 0-9
- \*21 QUICK ARM ENABLE †  0 = no, 1 = yes
- \*22 KEYSWITCH ENABLE †  0 = no, 1 = yes
- \*23 FORCED BYPASS ENABLE †  0 = no, 1 = yes

### ZONE RESPONSE PROGRAMMING (\*29-\*39)

- \*29 FIRE TIMEOUT DISABLE †  0 = no, 1 = yes
- \*30 ALARM BELL TIMEOUT ††  0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min
- \*31 ZONE 1 RESPONSE TYPE
- \*32 ZONE 2 RESPONSE TYPE
- \*33 ZONE 3 RESPONSE TYPE
- \*34 ZONE 4 RESPONSE TYPE
- \*35 ZONE 5 RESPONSE TYPE
- \*36 ZONE 6 RESPONSE TYPE
- \*37 ZONE 7 RESPONSE TYPE  CONSOLE PANIC. Only zone types 0, 6, 7, 8, 9 applicable.
- \*38 ENTRY DELAY ††  0 = 0 sec; 1 = 20 sec; 2 = 30 sec; 3 = 45 sec  
EXIT Delay = ENTRY Delay + 15 sec
- \*39 ZONE 3 RESPONSE TO OPEN †  0 = 400 ms nominal; 1 = 10 ms nominal

**ZONE TYPES FOR PROGRAMMING FIELDS \*31-37**

0 (or undefined) = Zone Disabled  
 1 = ENTRY/EXIT, Burglary  
 2 = not used  
 3 = PERIMETER, Burglary  
 4 = INTERIOR/FOLLOWER, Burglary  
 5 = TROUBLE BY DAY/ALARM BY NIGHT, Burglary  
 6 = 24 Hr (Silent)  
 7 = 24 Hr (Audible)  
 8 = 24 Hr (Auxiliary)  
 9 = FIRE (Fields \*35 and \*37 only)

### DIALER PROGRAMMING (\*40-\*48)

- \*40 PABX ACCESS CODE     Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing \* (and press 41, if entering next field). To clear entries from field, press \*40\*.
- \*41 PRIMARY PHONE No.             Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing \* (and press 42, if entering next field). To clear entries from field, press \*41\*.
- \*42 SECONDARY PHONE No.             Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing \* (and press 43, if entering next field). To clear entries from field, press \*42\*.
- \*43 SUBSCRIBER ACCOUNT No.     Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. If only 3 digits used, exit by pressing \* (and press 44, if entering next field). To clear entries from field, press \*43\*.

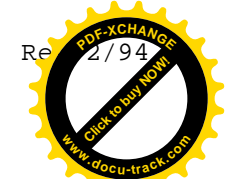
Examples: For Acct No. 1234, enter:  1  2  3  4

For Acct No. B234, enter:  #+11  2  3  4

For Acct No. 123, enter:  1  2  3  \*

- \*44 REPORT FORMAT  Enter \* as the 4th digit of \*43 if 3+1 dialer reporting is to be used.  
 0 - 3+1, 4+1 ADEMCO L/S STANDARD    6 or undefined = 4+2 ADEMCO EXPRESS  
 1 - 3+1, 4+1 RADIONICS STANDARD    7 = ADEMCO CONTACT ID REPORTING  
 2 - 4+2 ADEMCO L/S STANDARD        8 = 3+1, 4+1 ADEMCO L/S EXPANDED  
 3 - 4+2 RADIONICS STANDARD         9 = 3+1, 4+1 RADIONICS EXPANDED
- \*45 PHONE SYSTEM SELECT ††  If Cent. Sta. IS NOT on a WATS line: 0 = Pulse Dial; 1 = Tone Dial  
 If Cent. Sta. IS on a WATS line: 2 = Pulse Dial; 3 = Tone Dial
- \*46 SESCOA/RADIONICS SELECT †  0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting)  
 Select 0 for all other formats.
- \*47 15 SEC DIALER DELAY (BURG) †  0 = no, 1 = yes
- \*48 24 HR TEST MESSAGE †  0 = no, 1 = yes (enter Test Code in field \*64)

† If a number other than 0 or 1 is entered, even numbers = same as 0; odd numbers = same as 1.  
 †† If a number greater than 3 is entered, the control will subtract multiples of 4 to get to the allowable program range.



## 4110DL PROGRAMMING FORM (2 of 2)

**TO PROGRAM ALARM, SYSTEM STATUS, AND RESTORE REPORT CODES (\*51-\*74):**  
 With a 3+1 or 4+1 Standard Format: Enter a code in the first box: 1-9, 0, B, C, D, E, or F. Enter [#+10] for 0, [#+11] for B, [#+12] for C, [#+13] for D, [#+14] for E, [#+15] for F.  
 A [0] (not [#+10]) in the first box will disable a report.  
 A [0] (not [#+10]) in the second box will result in automatic advance to the next field when programming.  
 With an Expanded or 4+2 Format: Enter codes in both boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.  
 A [0] (not [#+10]) in the second box will eliminate the expanded message for that report.  
 A [0] (not [#+10]) in both boxes will disable the report.  
 With Ademco Contact ID Reporting: Enter any digit (other than [0]) in the first box, to enable zone to report (entries in the second boxes will be ignored).  
 A [0] (not [#+10]) in the first box will disable the report.

Examples: For Code 3 (Single Digit), enter:    
 For Code 32 (Two Digits), enter:    
 For Code B2 (Hexadecimal) enter:

### ALARM REPORT CODES (\*51-\*59)

- \*51 ZONE 1 ALARM REPORT CODE
- \*52 ZONE 2 ALARM REPORT CODE
- \*53 ZONE 3 ALARM REPORT CODE
- \*54 ZONE 4 ALARM REPORT CODE
- \*55 ZONE 5 ALARM REPORT CODE
- \*56 ZONE 6 ALARM REPORT CODE
- \*57 ZONE 7 ALARM REPORT CODE    
(Console Panic)
- \*58 ZONE 8 ALARM REPORT CODE    
(Duress)
- \*59 ZONE 9 ALARM REPORT CODE    
(Tamper)

### SYS STATUS RPT CODES (\*60-\*66)

- \*60 TROUBLE REPORT CODE
- \*61 BYPASS REPORT CODE
- \*62 AC LOSS REPORT CODE
- \*63 LOW BAT REPORT CODE
- \*64 TEST REPORT CODE
- \*65 OPEN REPORT CODE  †††
- \*66 CLOSE REPORT CODE  †††

††† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.

### RESTORE RPT CODES (\*69-\*74)

- \*69 GLOBAL RESTORES FOR TROUBLE, BYPASS   
0 = no, 1 = yes
- \*70 ALARM RESTORE RPT CODE   
2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*51-\*59, if expanded or 4+2 reporting is selected.
- \*71 TROUBLE RESTORE RPT CODE
- \*72 BYPASS RESTORE RPT CODE
- \*73 AC RESTORE RPT CODE
- \*74 LOW BAT RESTORE RPT CODE

### DOWNLOAD INFO (\*94-\*97)

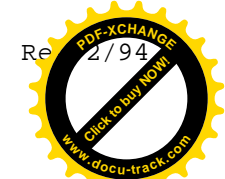
- \*94 DOWNLOAD PHONE No.  
             
Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit field by pressing \* (and press 95, if entering next field). To clear entries from field, press \*94\*.
- \*95 RING DET COUNT FOR DOWNLOADING   
0=Disable Station Initiated Download; 1-14=number of rings (1-9, #+10=10, #+11=11, #+12=12, #+13=13, #+14=14); 15=answering machine defeat (#+15=15)
- \*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DOWNLOAD  
No entry required.
- \*97 ZEROS ALL PROGRAM FIELDS  
No entry required.

### TO EXIT PROGRAM MODE (\*98 or \*99)

Press \*98 or \*99 if exiting programming, or next field number if continuing.

- \*98 EXITS PROGRAMMING MODE and prevents re-entry by: Master Code + Code + 0.
- \*99 EXITS PROGRAMMING MODE and allows re-entry by: Master Code + Code + 0.

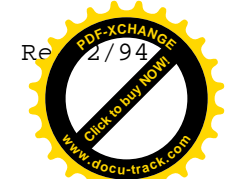




## 4110XM PROGRAMMING FORM (1 of 2)

FIELD	FUNCTION	PROGRAMMED VALUES												
<b>SYSTEM ARMING (*20-*24)</b>														
*20	MASTER SECURITY CODE	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 4 digits, 0-9												
*21	QUICK ARM ENABLE	↑ <input type="checkbox"/> 0 = no, 1 = yes												
*22	KEYSWITCH ENABLE	↑ <input type="checkbox"/> 0 = no, 1 = yes (If 4281 used, keyswitch can't be used)												
*23	FORCED BYPASS ENABLE	↑ <input type="checkbox"/> 0 = no, 1 = yes												
*24	RF RECEIVER HOUSE ID CODE	<input type="text"/> <input type="text"/> If 4281 used, enter 01-31 House ID; if not, enter 00												
<b>ZONE RESPONSE PROGRAMMING (*29-*39)</b>														
*29	FIRE TIMEOUT DISABLE	↑ <input type="checkbox"/> 0 = no, 1 = yes												
*30	ALARM BELL TIMEOUT	↑↑ <input type="checkbox"/> 0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min												
*31	ZONE 1 RESPONSE TYPE	<input type="checkbox"/>												
*32	ZONE 2 RESPONSE TYPE	<input type="checkbox"/>												
*33	ZONE 3 RESPONSE TYPE	<input type="checkbox"/>												
*34	ZONE 4 RESPONSE TYPE	<input type="checkbox"/>												
*35	ZONE 5 RESPONSE TYPE	<input type="checkbox"/>												
*36	ZONE 6 RESPONSE TYPE	<input type="checkbox"/>												
*37	ZONE 7 RESPONSE TYPE	<input type="checkbox"/> CONSOLE PANIC. Only zone types 0, 6, 7, 8, 9 applicable.												
*38	ENTRY DELAY	↑↑ <input type="checkbox"/> 0 = 0 sec; 1 = 20 sec; 2 = 30 sec; 3 = 45 sec EXIT Delay = ENTRY Delay + 15 sec												
*39	ZONE 3 RESPONSE TO OPEN	↑ <input type="checkbox"/> 0 = 400 ms nominal; 1 = 10 ms nominal												
<b>DIALER PROGRAMMING (*40-*48)</b>														
*40	PABX ACCESS CODE	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing * (and press 41, if entering next field). To clear entries from field, press *40*.												
*41	PRIMARY PHONE No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 42, if entering next field). To clear entries from field, press *41*.												
*42	SECONDARY PHONE No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 43, if entering next field). To clear entries from field, press *42*.												
*43	SUBSCRIBER ACCOUNT No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. Enter * as 4th digit, if 3+1 dialer reporting is to be used. If only 3 digits used, exit by pressing * (and press 44, if entering next field). To clear entries from field, press *43*. Examples: For Acct No. 1234, enter: <table style="display: inline-table; border: none;"><tr><td style="border: 1px solid black; padding: 2px;">1</td><td style="border: 1px solid black; padding: 2px;">2</td><td style="border: 1px solid black; padding: 2px;">3</td><td style="border: 1px solid black; padding: 2px;">4</td></tr></table> For Acct No. B234, enter: <table style="display: inline-table; border: none;"><tr><td style="border: 1px solid black; padding: 2px;">#+11</td><td style="border: 1px solid black; padding: 2px;">2</td><td style="border: 1px solid black; padding: 2px;">3</td><td style="border: 1px solid black; padding: 2px;">4</td></tr></table> For Acct No. 123, enter: <table style="display: inline-table; border: none;"><tr><td style="border: 1px solid black; padding: 2px;">1</td><td style="border: 1px solid black; padding: 2px;">2</td><td style="border: 1px solid black; padding: 2px;">3</td><td style="border: 1px solid black; padding: 2px;">*</td></tr></table>	1	2	3	4	#+11	2	3	4	1	2	3	*
1	2	3	4											
#+11	2	3	4											
1	2	3	*											
*44	REPORT FORMAT	<input type="checkbox"/> 0 = 3+1, 4+1 ADEMCO L/S STANDARD      6 or undefined = 4+2 ADEMCO EXPRESS 1 = 3+1, 4+1 RADIONICS STANDARD      7 = ADEMCO CONTACT ID REPORTING 2 = 4+2 ADEMCO L/S STANDARD          8 = 3+1, 4+1 ADEMCO L/S EXPANDED 3 = 4+2 RADIONICS STANDARD            9 = 3+1, 4+1 RADIONICS EXPANDED												
*45	PHONE SYSTEM SELECT	↑↑ <input type="checkbox"/> If Cent. Sta. IS NOT on a WATS line: 0 = Pulse Dial; 1 = Tone Dial If Cent. Sta. IS on a WATS line: 2 = Pulse Dial; 3 = Tone Dial												
*46	SESCO/RADIONICS SELECT	↑ <input type="checkbox"/> 0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting) Select 0 for all other formats.												
*47	15 SEC DIALER DELAY (BURG)	↑ <input type="checkbox"/> 0 = no, 1 = yes												
*48	24 HR TEST MESSAGE	↑ <input type="checkbox"/> 0 = no, 1 = yes (enter Test Code in field *64)												

↑ If a number other than 0 or 1 is entered, even numbers = same as 0; odd numbers = same as 1.  
↑↑ If a number greater than 3 is entered, the control will subtract multiples of 4 to get to the allowable program range.



### 4110XM PROGRAMMING FORM (2 of 2)

**TO PROGRAM ALARM, SYSTEM STATUS, RESTORE, & XMTR REPORT CODES (\*51-\*83):**  
 With a 3+1 or 4+1 Standard Format: Enter a code in the first box: 1-9, 0, B, C, D, E, or F. Enter [#+10] for 0, [#+11] for B, [#+12] for C, [#+13] for D, [#+14] for E, [#+15] for F.  
 A [0] (not [#+10]) in the first box will disable a report.  
 A [0] (not [#+10]) in the second box will result in automatic advance to the next field when programming.  
 With an Expanded or 4+2 Format: Enter codes in both boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.  
 A [0] (not [#+10]) in the second box will eliminate the expanded message for that report.  
 A [0] (not [#+10]) in both boxes will disable the report.  
 With Ademco Contact ID Reporting: Enter any digit (other than [0]) in the first box, to enable zone to report (entries in the second boxes will be ignored).  
 A [0] (not [#+10]) in the first box will disable the report.

Examples: For Code 3 (Single Digit), enter:    
 For Code 32 (Two Digits), enter:    
 For Code B2 (Hexadecimal) enter:

#### ALARM REPORT CODES (\*51-\*59)

- \*51 ZONE 1 ALARM REPORT CODE
- \*52 ZONE 2 ALARM REPORT CODE
- \*53 ZONE 3 ALARM REPORT CODE
- \*54 ZONE 4 ALARM REPORT CODE
- \*55 ZONE 5 ALARM REPORT CODE
- \*56 ZONE 6 ALARM REPORT CODE
- \*57 ZONE 7 ALARM REPORT CODE    
(Console Panic)
- \*58 ZONE 8 ALARM REPORT CODE    
(Duress)
- \*59 ZONE 9 ALARM REPORT CODE    
(Tamper)

#### SYS STATUS RPT CODES (\*60-\*68)

- \*60 TROUBLE REPORT CODE
- \*61 BYPASS REPORT CODE
- \*62 AC LOSS REPORT CODE
- \*63 LOW BAT REPORT CODE
- \*64 TEST REPORT CODE
- \*65 OPEN REPORT CODE  †††
- \*66 CLOSE REPORT CODE  †††

††† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.

- \*67 RF XMTR LOW BAT RPT CODE
- \*68 CANCEL REPORT CODE

#### RESTORE RPT CODES (\*69-\*75)

- \*69 GLOBAL RESTORES FOR TROUBLE, RF LOW BAT, BYPASS   
0 = no, 1 = yes

- \*70 ALARM RESTORE RPT CODE   
2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*51-\*59 and \*76-\*83, if expanded or 4+2 reporting is selected.
- \*71 TROUBLE RESTORE RPT CODE
- \*72 BYPASS RESTORE RPT CODE
- \*73 AC RESTORE RPT CODE
- \*74 LOW BAT RESTORE RPT CODE
- \*75 RF XMTR LO BAT RST RPT CODE

#### RF XMTR ID /RPT CODES (\*76-\*92)

XMTR ID	Zone Type	XMTR ID	Zone Type
10-13	ENTRY/EXIT, Burg.	56-61	TROUBLE BY DAY/
14-29	PERIMETER, Burg.		ALARM BY NITE, Burg.
30-47	INTERIOR, Burg.	62	24 hr. (audible)
48-55	FIRE	63	Programmed by field *92

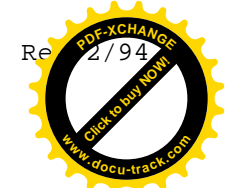
- XMTR ID / RPT Code
- \*76 1st RF XMTR ID / RPT CODE
  - \*77 2nd RF XMTR ID / RPT CODE
  - \*78 3rd RF XMTR ID / RPT CODE
  - \*79 4th RF XMTR ID / RPT CODE
  - Note: Do not use \*80 to \*83 with a 4281L*
  - \*80 5th RF XMTR ID / RPT CODE
  - \*81 6th RF XMTR ID / RPT CODE
  - \*82 7th RF XMTR ID / RPT CODE
  - \*83 8th RF XMTR ID / RPT CODE
  - \*92 ZONE RESPONSE OF XMTR ID 63 (If used)   
Only Zone Types 0, 6, 7, 8, 9 applicable.

#### DOWNLOAD INFO (\*94-\*97)

- \*94 DOWNLOAD PHONE No.  
               
Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit field by pressing \* (and press 95, if entering next field). To clear entries from field, press \*94\*.
- \*95 RING DET COUNT FOR DOWNLOADING   
0=Disable Station Initiated Download; 1-14=number of rings (1-9, #+10=10, #+11=11, #+12=12, #+13=13, #+14=14); 15=answering machine defeat (#+15=15)
- \*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DWNLOAD  
No entry required.
- \*97 ZEROS ALL PROGRAM FIELDS  
No entry required.

#### TO EXIT PROGRAM MODE (\*98 or \*99)

- Press \*98 or \*99 if exiting programming, or next field number if continuing.
- \*98 EXITS PROGRAMMING MODE and prevents re-entry by: Master Code + Code + 0.
- \*99 EXITS PROGRAMMING MODE and allows re-entry by: Master Code + Code + 0.



## 4120EC PROGRAMMING FORM

**INSTALLER CODE**

(ENTER 0-9)

\*00

**MASTER CODE**

(ENTER 0-9)

\*01

**RESPONSE TYPE**

(ENTER 00-10)

- 00 = unused zone
- 01 = E/E #1
- 02 = not used
- 03 = Perimeter
- 04 = Interior Follower
- 05 = Trouble by day/Alarm by night
- 06 = 24 hr Silent
- 07 = 24 Hr Audible
- 08 = 24 hr Auxiliary
- 09 = Fire

ZONES \*02

ZONES

\*03

3 & # \* & #

**N.O or N.C. SENSOR LOOP (ZONES 1 - 8)**

(1 = N.C., 0 = N.O.)

\*04

1 2 3 4 5 6 7 8

**ENTRY DELAY**

X 15 secs (00 - 15)

\*05

**EXIT DELAY**

X 15 secs (00 - 15)

\*10

**ALARM SOUNDER TIME DURATION**

X 2 mins. (01 - 15)

\*13

**NO FIRE TIME-OUT**

1 = Yes, 0 = No

\*21

**DISABLE DURESS IN ADEMCO EXPRESS FORMAT**

1 = Yes, 0 = No

\*26

**TEST REPORT INTERVAL**

0 = no report; 1 = 12 hrs.; 2 = 24 hrs.; 3 = 168 hrs

\*27

**QUICK ARM**

1 = Yes, 0 = No

\*29

**TOUCH-TONE DIAL**

1 = Yes, 0 = ROTARY

\*30

**PABX CODE**

00 - 09; B - F

\*31

**SUBSCRIBER #**

00 - 09; B - F

\*32

**PRIMARY PHONE #**

0-9

\*33

**SEC PHONE #**

0-9

\*34

**CS DOWNLOAD#**

0-9

\*35

**CS ID#**

00 - 09; A - F

\*36

**PROGRAM TAMPER**

00-09; B - F

\*40

**USE EOLR ON ZONE 1**

1 = NO EOLR, 0 = EOLR supervision

\*41

**RING DETECT COUNT**

00 = no ring detect; 01 - 14 for ring counts of 1 - 14; 15 when telephone answering machine is connected to the same phone line

\*44

**PRIM XMT FORMAT**

0 = ADEMCO LO; 1 = RADIONICS  
2 = ADEMCO EXPRESS

\*46

**SEC XMT FORMAT**

0 = ADEMCO LO; 1 = RADIONICS  
2 = ADEMCO EXPRESS

\*48

**CHECKSUM VERIFY**

1 = Yes, 0 = No

\*49

**4+2 ZONE FORMAT SELECTION**

1 = 4+2 format;  
0 = 3+1A+1

\*54

**ALARM REPORT**

0 = Standard; 1 = Expanded

\*55

**RESTORE REPORT**

0 = Standard; 1 = Expanded

\*56

**BYPASS REPORT**

0 = Standard; 1 = Expanded

\*57

**TROUBLE REPORT**

0 = Standard; 1 = Expanded

\*58

**OPEN/CLOSE REPORT**

0 = Standard; 1 = Expanded

\*59

**LOW BAT; AC LOSS & TEST REPORT**

0 = Standard; 1 = Expanded

\*60

**ALARM CODES FOR EACH ZONE**

(Enter 01 - 15; 00 = no code reporting)

\*65

ZN1	<input type="text"/>	<input type="text"/>
ZN2	<input type="text"/>	<input type="text"/>
ZN3	<input type="text"/>	<input type="text"/>
ZN4	<input type="text"/>	<input type="text"/>
ZN5	<input type="text"/>	<input type="text"/>
ZN6	<input type="text"/>	<input type="text"/>
ZN7	<input type="text"/>	<input type="text"/>
ZN8	<input type="text"/>	<input type="text"/>

**\*66**

DURESS

<input type="text"/>	<input type="text"/>
3 & #	<input type="text"/>
* & #	<input type="text"/>

**NON-ALARM CODES**

(Enter 01 - 15; 00 = no code reporting)

\*67

AC LOSS	<input type="text"/>	<input type="text"/>
AC LOSS 2nd DIGIT	<input type="text"/>	<input type="text"/>
TRBL	<input type="text"/>	<input type="text"/>
TRBL RESTR	<input type="text"/>	<input type="text"/>
BYPASS	<input type="text"/>	<input type="text"/>
BYPASS RESTR	<input type="text"/>	<input type="text"/>
RESTR CODE FOR ALRM, AC, LO BAT	<input type="text"/>	<input type="text"/>

**\*68**

OPEN	<input type="text"/>	<input type="text"/>
CLOSE	<input type="text"/>	<input type="text"/>
LO BAT	<input type="text"/>	<input type="text"/>
L BAT 2nd #	<input type="text"/>	<input type="text"/>
TEST	<input type="text"/>	<input type="text"/>
CANCEL	<input type="text"/>	<input type="text"/>

HEXADEcimal TO NUMERIC ENTRY CONVERSION	0 = 10 (REPORT CODES)	1 = 01 2 = 02 3 = 03 4 = 04 5 = 05 6 = 06 7 = 07
	8 = 08 9 = 09 A = 11 C = 12 D = 13 E = 14 F = 15	

# 4120XM PROGRAMMING FORM (1 of 4)

**SUMMARY OF PROGRAMMING COMMANDS**

- To enter program mode, enter installer code + [8] + [0] + [0]. Enter first field address to begin programming.
- To set standard defaults, press \*97
- To set communication defaults, press \*94 + one of the following: \*80=low speed; \*81=Ademco Express; \*82=Ademco High Speed; \*83=Ademco's Contact ID
- To change to 2nd page of program fields, press \*94
- To return to 1st page of fields, press \*99
- To erase account & phone number field entries, press [\*] + field number + [\*]
- To assign zone descriptors, press \*93 + zone number
- To add custom words, press \*93 + 00 + word number (1-20)
- To enter Installer's Message, press \*93 + 00 + 00
- To exit program mode, press \*99 OR \*98. \*99 allows re-access to programming mode by installer code. \*98 prevents re-access to programming mode by installer code
- Default values are shown in brackets [ ]; otherwise default = 0

**\*00 INSTALLER CODE**      
Enter 4 digits, 0-9 [4120]

**\*01 MASTER SECURITY CODE**      
Enter 4 digits, 0-9 [1234] See 1\*54 for 6-digit enable

**ASSIGN RESPONSE TYPE FOR ZONES**  
(Enter 00-10; see Response Types table below)  
Hard-Wire zones = 1-8; Wireless zones = 1-63 plus  
RF Receiver zones 88-91

*02	*03	*04	*05
1 <input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>
2 <input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>
3 <input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>
4 <input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0 0
5 <input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	0 0
6 <input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/> (1+*)
7 <input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/> (3+*)
8 <input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/> (*+*)

00 = Assign for unused zones	06 = 24-HOUR SILENT
01 = ENTRY/EXIT #1	07 = 24-HOUR AUDIBLE
02 = ENTRY/EXIT #2	08 = 24-HOUR AUXILIARY
03 = PERIMETER	09 = FIRE
04 = INTERIOR, FOLLOWER	10 = INTERIOR, DELAY
05 = DAY/NIGHT	

**\*06-\*08 NOT USED**

- \*09 ENTRY DELAY #1 [02] (00-15 times 15 seconds)
- \*10 EXIT DELAY #1 [03] (00-15 times 15 seconds)
- \*11 ENTRY DELAY #2 [06] (00-15 times 15 seconds)
- \*12 EXIT DELAY #2 [08] (00-15 times 15 seconds)
- \*13 ALARM SOUNDER DURATION  
01-15 times 2 minutes [04]. Minimum 4 minutes for UL.
- \*14 ZONE 8 FAST/SLOW RESPONSE [0=slow; 1=fast]
- \*15 KEYSWITCH ENABLE [0=disable; 1=enable]  
(ALSO SEE ADDRESS 1\*57, TRIGGER MODE)
- \*16 CONFIRMATION OF ARMING DING  
1=enable; [0=disable]
- \*17 AC POWER LOSS SOUNDING 1=yes; [0=no]
- \*18 AC POWER LOSS ALARM 1=yes; [0=no]
- \*19 AC RANDOMIZE 1=randomize 10-40 min.; [0=no]
- \*21 DISABLE FIRE TIME-OUT 1=no timeout; [0=fire timeout]

**\*23 MULTIPLE ALARMS** [1=yes; 0=no]

**\*24 NOT USED**

**\*25 BURGLAR TRIGGER FOR ZONE RESP. TYPE 8**   
0=disable; [1=enable]

**\*26 INTELLIGENT TEST REPORTING** Set \*0 for UL   
1=yes, (no report sent if any other report was recently sent); [0=no]

**\*27 TEST REPORT INTERVAL**    
Enter interval in hours, 001-199; 000=no report [024]; Max. 024 for UL.

**\*28 POWER UP IN PREVIOUS STATE**   
[1=yes; 0=no; \*1 for UL]

**\*29 QUICK ARM** [1=yes; 0=no]

**\*30 TOUCH-TONE OR ROTARY DIAL**   
1=TouchTone; [0=rotary] See field 1\*33 for Touch-Tone w/Rotary backup

**\*31 PABX ACCESS CODE**      
00-09; B-F (11-15)

**\*32 PRIM. SUBSCRIBER ACCT #**      
Enter 00-09; B-F (11-15) [15 15 15 15]

**\*33 PRIMARY PHONE NUMBER**  
             
Enter 0-9 for each digit

**\*34 SECONDARY PHONE NUMBER**  
             
Enter 0-9 for each digit

**\*35 DOWNLOAD PHONE No.**        
Enter 0-9 for each digit

**\*36 DOWNLOAD ID No.**        
Enter 00-09; A-F (10-15) [15 15 15 15 15 15]

**\*37 DOWNLOAD COMMAND ENABLES** [1=enable; 0=disable]  
See field 1\*53 for Callback disable option. For UL installations, Upload & Download must be enabled. All others must be disabled.

- Dialer Shutdown
- System Shutdown
- 0 Not Used
- Remote Bypass
- Remote Disarm
- Remote Arm
- Upload Program
- Download Program

## 4120XM PROGRAMMING FORM (2 of 4)

<p><b>*38 INHIBIT BYPASS OF A ZONE</b> <input type="checkbox"/> <input type="checkbox"/>  <small>01-31; [00 if all zones (except Fire zones) can be bypassed]</small></p> <p><b>*39 OPEN/CLOSE REPORTS FOR USERS 1-8</b> 1=yes; 0=no  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  <small>1 2 3 4 5 6 7 8</small></p> <p><b>*40 OPEN/CLOSE REPORTS FOR USERS 9-16</b> 1=yes; 0=no  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  <small>9 10 11 12 13 14 15 16</small>  <small>SEE FIELD 1*00 FOR USERS 17-70</small></p> <p><b>*41 EOLR DISABLE (Zones 2-8)</b> <input type="checkbox"/>  <small>[1=N.C.loops; 0=EOLR supervisor; Must be "0" for UL]</small></p> <p><b>*42 DIAL TONE PAUSE</b> <input type="checkbox"/>  <small>[p-5 sec; 1-11 sec; 2-30 sec; 0 for UL]</small></p> <p><b>*43 DIAL TONE DETECT</b> <input type="checkbox"/>  <small>[1=rest for dial tone; 0=press, then dial]</small></p> <p><b>*44 RING DETECTION COUNT</b> <input type="checkbox"/> <input type="checkbox"/>  <small>01-14; 15=answering machine; [00=no detection]</small></p> <p><b>*45 PRIMARY FORMAT</b> <input type="checkbox"/>  <small>[0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express]</small></p> <p><b>*46 LOW SPEED FORMAT (Primary)</b> <input type="checkbox"/>  <small>[0=Ademco Low Speed; 1=Seccoa/Radionics]</small></p>	<p><b>*47 SECONDARY FORMAT</b> <input type="checkbox"/>  <small>[0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express]</small></p> <p><b>*48 LOW SPEED FORMAT (Secondary.)</b> <input type="checkbox"/>  <small>[0=Ademco Low Speed; 1=Seccoa/Radionics]</small></p> <p><b>*49 CHECKSUM VERIFICATION</b> <input type="checkbox"/> <input type="checkbox"/>  <small>1=yes; [0=no] Primary Scndry</small></p> <p><b>*50 SESCOA/RADIONICS</b> 1=Seccoa; [0=Radionics] <input type="checkbox"/></p> <p><b>*51 DUAL REPORTING</b> <input type="checkbox"/>  <small>1=yes; [0=no] If used with Split Reporting "1" option (1*34), alarms go to both primary &amp; secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.</small></p> <p><b>*52 STANDARD/EXPANDED REPORT FOR PRIMARY</b>  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  <small>Alarm Rstr Bypass Trbl Opn/Cls Low Bat          [0=standard; 1=expanded; Note: Expanded overrides 4+2 format.]</small></p> <p><b>*53 STANDARD/EXPANDED REPORT FOR SECONDARY</b>  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>  <small>Alarm Rstr Bypass Trbl Opn/Cls Low Bat          [0=standard; 1=expanded; Note: Expanded overrides 4+2 format.]</small></p>
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### ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPERVISORY & RESTORE CODES [All codes default to 00]

<b>*54 CODE</b>	<b>*55 ID</b>	<b>*56 CODE</b>	<b>*57 ID</b>	<b>*58</b>	<b>*59 CODE</b>	<b>*60 ID</b>	<b>*61 CODE</b>	<b>*62 ID</b>	<b>*63</b>
1	<input type="checkbox"/>	9	<input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.	17	<input type="checkbox"/>	25	<input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.
2	<input type="checkbox"/>	10	<input type="checkbox"/>	<input type="checkbox"/> Trouble	18	<input type="checkbox"/>	26	<input type="checkbox"/>	<input type="checkbox"/> Trouble
3	<input type="checkbox"/>	11	<input type="checkbox"/>	<input type="checkbox"/> Trble Rst.	19	<input type="checkbox"/>	27	<input type="checkbox"/>	<input type="checkbox"/> Trble Rst.
4	<input type="checkbox"/>	12	<input type="checkbox"/>	<input type="checkbox"/> Bypass	20	<input type="checkbox"/>	28	<input type="checkbox"/>	<input type="checkbox"/> Bypass
5	<input type="checkbox"/>	13	<input type="checkbox"/>	<input type="checkbox"/> Bypas Rst.	21	<input type="checkbox"/>	29	<input type="checkbox"/>	<input type="checkbox"/> Bypas Rst.
6	<input type="checkbox"/>	14	<input type="checkbox"/>		22	<input type="checkbox"/>	30	<input type="checkbox"/>	
7	<input type="checkbox"/>	15	<input type="checkbox"/>		23	<input type="checkbox"/>	31	<input type="checkbox"/>	
8	<input type="checkbox"/>	16	<input type="checkbox"/>		24	<input type="checkbox"/>	32	<input type="checkbox"/>	

### ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPERVISORY & RESTORE CODES [All codes default to 00]

<b>*64 CODE</b>	<b>*65 ID</b>	<b>*66 CODE</b>	<b>*67 ID</b>	<b>*68</b>	<b>*69 CODE</b>	<b>*70 ID</b>	<b>*71 CODE</b>	<b>*72 ID</b>	<b>*73</b>
33	<input type="checkbox"/>	41	<input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.	49	<input type="checkbox"/>	57	<input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.
34	<input type="checkbox"/>	42	<input type="checkbox"/>	<input type="checkbox"/> Trouble	50	<input type="checkbox"/>	58	<input type="checkbox"/>	<input type="checkbox"/> Trouble
35	<input type="checkbox"/>	43	<input type="checkbox"/>	<input type="checkbox"/> Trble Rst.	51	<input type="checkbox"/>	59	<input type="checkbox"/>	<input type="checkbox"/> Trble Rst.
36	<input type="checkbox"/>	44	<input type="checkbox"/>	<input type="checkbox"/> Bypass	52	<input type="checkbox"/>	60	<input type="checkbox"/>	<input type="checkbox"/> Bypass
37	<input type="checkbox"/>	45	<input type="checkbox"/>	<input type="checkbox"/> Bypas Rst.	53	<input type="checkbox"/>	61	<input type="checkbox"/>	<input type="checkbox"/> Bypas Rst.
38	<input type="checkbox"/>	46	<input type="checkbox"/>		54	<input type="checkbox"/>	62	<input type="checkbox"/>	
39	<input type="checkbox"/>	47	<input type="checkbox"/>		55	<input type="checkbox"/>	63	<input type="checkbox"/>	
40	<input type="checkbox"/>	48	<input type="checkbox"/>		56	<input type="checkbox"/>	64	<input type="checkbox"/>	

# 4120XM PROGRAMMING FORM (3 of 4)

## ALARM REPORT CODE & ID DIGITS FOR RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES [All codes default to 00]

*74 CODE	*75 ID	*76 CODE	*77 ID	*78	
81 <input type="text"/>	<input type="text"/>	89 <input type="text"/>	<input type="text"/>	<input type="text"/>	Alarm Rst.
NU 0 0	0 0	90 <input type="text"/>	<input type="text"/>	<input type="text"/>	Trouble
83 <input type="text"/>	<input type="text"/>	91 <input type="text"/>	<input type="text"/>	<input type="text"/>	Trble Rst.
NU 0 0	0 0	Duress <input type="text"/>	<input type="text"/>	<input type="text"/>	Bypass
NU 0 0	0 0	95 <input type="text"/>	<input type="text"/>	<input type="text"/>	Bypass Rst.
NU 0 0	0 0	96 <input type="text"/>	<input type="text"/>	<input type="text"/>	(1 + #)
88 <input type="text"/>	<input type="text"/>	99 <input type="text"/>	<input type="text"/>	<input type="text"/>	(3 + #)
					(* + #)

NOTES: 88 & 90 = RCVR not receiving transmitter signals.  
 89 & 91 = RCVR not responding, bad conn. to panel. 81=4219 Supv.;  
 83=4219 Tamp.

### \*79 ZONE TYPE RESTORE for TYPES 1-8

1=enable; [0=disable]

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8

### \*80 ZONE TYPE RESTORE for TYPES 9 & 10

1=enable; [0=disable]

<input type="checkbox"/>	<input type="checkbox"/>
9	10

## SYSTEM NON-ALARM CODES

	*81	*82	
	First Digit	Second Digit	
Close	<input type="text"/>	<input type="text"/>	Second digit of each
code Open	<input type="text"/>	<input type="text"/>	applies only to 4+2 or
Low Bat	<input type="text"/>	<input type="text"/>	expanded (fields *52 & *53)
Low Bat Rest	<input type="text"/>	<input type="text"/>	formats
AC Loss	<input type="text"/>	<input type="text"/>	
AC Rest	<input type="text"/>	<input type="text"/>	
Test	<input type="text"/>	<input type="text"/>	
Power	<input type="text"/>	<input type="text"/>	
Cancel	<input type="text"/>	<input type="text"/>	
Prog Tamper	<input type="text"/>	<input type="text"/>	

### \*83 FIRST TEST REPORT (Hours 00-23)

00=instant

### \*84 SWINGER SUPPRESSION

01-15 alarms [15]; Must be "00" (disabled) for UL.

### \*85-86 NOT USED

### \*87 ENTRY WARNING [1=continuous]; 0=3 beeps

### \*88 BURGLAR ALARM COMM. DELAY

1-16 seconds; [0=no delay]

### \*89 RESTORE REPORT TIMING

[0=instant, as zone restores]; 1=after bell timeout if zone restored; 2=when system is subsequently disarmed

### \*90 SECONDARY SUBSCRIBER ACCOUNT #

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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Enter 00-09; B-F (11-15) [15 15 15 15]

## SECOND PAGE FIELDS (\*94)

### 1\*00 OPENCLOSE REPORT ENABLE

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USER 17	18	19	20	21	22	23-70	

1 = Yes, [0 = No]  
 SEE FIELDS \*39 & \*40 FOR USERS 1-16

### ASSIGN RESPONSE TYPE FOR ZONES (Enter 00-10; see \*02-\*05)

1*01	1*02	1*03	1*04	1*05
28 <input type="text"/>	33 <input type="text"/>	41 <input type="text"/>	49 <input type="text"/>	57 <input type="text"/>
29 <input type="text"/>	34 <input type="text"/>	42 <input type="text"/>	50 <input type="text"/>	58 <input type="text"/>
30 <input type="text"/>	35 <input type="text"/>	43 <input type="text"/>	51 <input type="text"/>	59 <input type="text"/>
31 <input type="text"/>	36 <input type="text"/>	44 <input type="text"/>	52 <input type="text"/>	60 <input type="text"/>
32 <input type="text"/>	37 <input type="text"/>	45 <input type="text"/>	53 <input type="text"/>	61 <input type="text"/>
	38 <input type="text"/>	46 <input type="text"/>	54 <input type="text"/>	62 <input type="text"/>
	39 <input type="text"/>	47 <input type="text"/>	55 <input type="text"/>	63 <input type="text"/>
	40 <input type="text"/>	48 <input type="text"/>	56 <input type="text"/>	64 <input type="text"/>

### 1\*06-1\*07 NOT USED

1*08	1*09
81 <input type="text"/> 4219 NOCOM	89 <input type="text"/> 2nd RCVR
NU 0 0	90 <input type="text"/> 1st RCVR
83 <input type="text"/> 4219 TAMPER	91 <input type="text"/> 1st RCVR
NU 0 0	
NU 0 0	
NU 0 0	
88 <input type="text"/> 2nd RCVR	

For UL applications, use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as applicable (type 5).

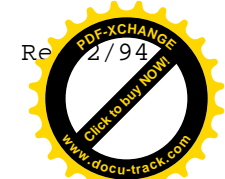
NOTES: 88 & 90 = RCVR not receiving transmitter signals.  
89 & 91 = RCVR not responding, bad conn. to panel.

### 1\*10-1\*17 NOT USED

### SELECTION OF WIRELESS FOR ZONES 1-63

Enter "1" to enable a zone as wireless; 0=non-wireless

1*18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 1	2	3	4	5	6	7	8
1*19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 9	10	11	12	13	14	15	16
1*20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 17	18	19	20	21	22	23	24
1*21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 25	26	27	28	29	30	31	32
1*22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 33	34	35	36	37	38	39	40
1*23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 41	42	43	44	45	46	47	48
1*24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 49	50	51	52	53	54	55	56
1*25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 57	58	59	60	61	62	63	



## 4120XM PROGRAMMING FORM (4 of 4)

- 1\*26 FIRST RF RECEIVER SELECT 1=yes; [0=no]
- 1\*27 SECOND RF RECEIVER SELECT 1=yes; [0=no]
- 1\*28 RF TRANSMITTER LOW BATTERY ALARM   
1=immediate; [0=when disarmed] Must be "1" for UL.
- 1\*29 RF TRANSMITTER LO BAT REPORT ENABLE   
1=enable; [0=disable] Must be "1" for UL.
- 1\*30 RF RECEIVER SUPERVISION CHECK-IN INTERVAL 02-15 times 2 hours; 00 disables supervision [0] Max. "1" (12 hrs) for UL.
- 1\*31 RF TRANSMITTER CHECK-IN INTERVAL 02-15 times 2 hours; 00 disables transmitter supervision [0] Max. "1" (12 hrs) for UL.
- ~~1\*32 NOT USED~~
- 1\*33 TOUCH-TONE WROTARY BACKUP ENABLE 1=enable; [0=disable]
- 1\*34 COMM. SPLIT REPORT SELECTION   
[0=no]; 1=alarms primary, others secondary; 2=open/close, test secondary, others primary; See "3" for comments.

~~1\*35-1\*39 NOT USED~~

**ARMED STAY DIALER REPORT**

1\*40
1\*41  
First Digit
Second Digit  
 Armed Stay

This report will be sent for any Low Speed format. If Ademco High Speed is used, a normal closing report will be sent. If Contact ID is used, a new code, Pset, will be sent. GSS Receivers that do not have revision 4.5 or higher will print an error message in place of the English text.

- 1\*44 RF KEYPAD TAMPER DETECT 1=yes; [0=no]
- 1\*45 ENABLE CONSOLE ANNUNCIATION DURING EXIT DELAY 1=enable; [0=disable]
- 1\*46 AUXILIARY OUTPUT ENABLE   
0=ground start; 1=open/close trigger (RETR); 2=not used; [3=Zone 1 EOLR]
- 1\*47 ENABLE CHIME ANNUNCIATION ON EXTERNAL ALARM SOUNDER 1=enable; [0=disable]

- 1\*48 WIRELESS KEYPAD DISABLE   
1=disable; [0=enable]
- 1\*49 DISABLE TROUBLE SOUNDER FOR RF SUPERVISION [1=disable]; 0=enable. Must be "0" for UL.
- 1\*50 BABYSITTER CODE 1=enable; [0=disable]; (User 22)
- 1\*51 4281 HOUSE ID Enter 01-31
- 1\*52 CANCEL REPORT RESTRICTION   
1=no restriction; [0=within Bell Timeout period only]
- 1\*53 DOWNLOAD CALLBACK   
1=callback not required; [0=callback required]; Must be "0" for UL.
- 1\*54 HIGH SECURITY MODE   
1=5-digit high security; [0=4-digit normal]
- ~~1\*55-1\*56 NOT USED~~
- 1\*57 TRIGGER MODE 0, [1], 2, 3. See Table below

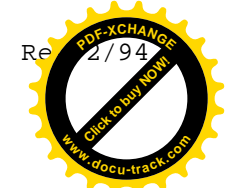
ADDRESS		Trigger Output 1	Trigger Output 2	Trigger Output 3
1*57 Trigger Mode	*15 Keyswitch			
0	0	FIRE LRR TRIGGER	PANIC LRR TRIGGER	BURG LRR TRIGGER
	1	KEYSWITCH ARMED LED	KEYSWITCH READY LED	
1	0	FIRE LRR TRIGGER	PANIC LRR TRIGGER	ZONE 5 GLASS BREAK RESET
	1	KEYSWITCH ARMED LED	KEYSWITCH READY LED	
2	0 1 not allowed	FIRE LRR TRIGGER	REMOTE SOUNDER	BURG LRR TRIGGER
3	0 1 not allowed	FIRE LRR TRIGGER	REMOTE SOUNDER	ZONE 5 GLASS BREAK RESET

NOTE: IF ADDRESS 1\*57 IS SET FOR 2 OR 3, ADDRESS \*15 MUST BE 0.

- 1\*58 4219 FIRST ZONE NUMBER [00], 09-57   
Set to 00 if no 4219s used. If using a 4219, set to 1st zone # which will be assigned to zone A on 4219. Remaining 7 zones on 4219 will be the next 7 zone #s.

**HEXADecimal TO NUMERIC ENTRY CONVERSION**

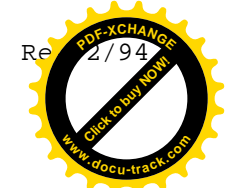
0 - 10 (REPORT CODES)  
 0 - 09 (BUS ID, PABX OR DOWNLOAD ID)  
 1 - 01, 2 - 02, 3 - 03, 4 - 04, 5 - 05, 6 - 06, 7 - 07, 8 - 08, 9 - 09,  
 B - 11, C - 12, D - 13, E - 14, F - 15,  
 A - 10 (DOWNLOAD ID ONLY)



4130 / 5130 (1 of 2)

<b>INSTALLER CODE</b> (ENTER 0-9)	*00	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<b>NOT USED</b> (MUST BE ZERO)	*25	<input type="text" value="0"/>																								
<b>MASTER CODE</b> (ENTER 0-9)	*01	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>		*26	<input type="text"/>																								
<b>RESPONSE TYPE</b> (ENTER 00-10)	*02	<table border="0"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td> </tr> <tr> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>5</td><td>6</td><td>7</td><td>8</td> </tr> <tr> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>9</td><td colspan="3"></td> </tr> <tr> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> </table>	1	2	3	4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	5	6	7	8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	9				<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<b>INTERNAL ALARM SOUND SELECTION</b> 1 = sweeping; 0 = louder, steady <b>TEST REPORT INTERVAL</b> 0 = no report; 1 = 12 hrs.; 2 = 24 hrs.; 3 = 168 hrs.	*27	<input type="text"/>
1	2	3	4																										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
5	6	7	8																										
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
9																													
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
00 = unused zone 01 = E/E #1 02 = E/E #2 03 = Perimeter 04 = Interior Follower 05 = Trouble by day/ Alarm by night 06 = 24 hr Silent 07 = 24 Hr Audible 08 = 24 hr Auxiliary 09 = Fire 10 = Interior Delay	*03	<table border="0"> <tr> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>00</td><td>00</td><td>00</td><td>00</td> </tr> </table>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	00	00	00	00	<b>POWER-UP IN PREVIOUS STATE</b> 1 = Yes, 0 = No <b>QUICK ARM</b> 1 = Yes, 0 = No	*28	<input type="text"/>																
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																										
00	00	00	00																										
	*04	<b>NOT USED</b>	<b>TOUCH-TONE DIAL</b> 1 = Yes, 0 = ROTARY	*29	<input type="text"/>																								
	*05	<table border="0"> <tr> <td>00</td><td>00</td><td>00</td><td>00</td> </tr> <tr> <td>00</td><td>1#</td><td>3#</td><td>*#</td> </tr> </table>	00	00	00	00	00	1#	3#	*#	<b>PABX CODE</b> 00-09; 11-15 <b>SUBSCRIBER #</b> 00-09; 11-15	*30	<input type="text"/>																
00	00	00	00																										
00	1#	3#	*#																										
	*06	<b>NOT USED</b>	<b>PRIMARY PHONE #</b> 0 - 9	*31	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>																								
	*07	<b>NOT USED</b>		*32	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>																								
	*08	<b>NOT USED</b>		*33	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>																								
<b>ENTRY DELAY #1</b> X 15 secs (00 - 15)	*09	<input type="text"/> <input type="text"/>	<b>SECONDARY PHONE #</b> 0 - 9	*34	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>																								
<b>EXIT DELAY #1</b> X 15 secs (00 - 15)	*10	<input type="text"/> <input type="text"/>																											
<b>ENTRY DELAY #2</b> X 15 secs (00 - 15)	*11	<input type="text"/> <input type="text"/>		*35	<b>NOT USED</b>																								
<b>EXIT DELAY #2</b> X 15 secs (00 - 15)	*12	<input type="text"/> <input type="text"/>		*36	<b>NOT USED</b>																								
<b>ALARM SOUNDER TIME DURATION</b> X 2 mins. (01 - 15)	*13	<input type="text"/> <input type="text"/>		*37	<b>NOT USED</b>																								
<b>ALARM SOUNDER TYPE</b> Do not enter 1, must be 0.	*14	<input type="text" value="0"/>	<b>PRIORITY ZONE</b> 01 - 09 (00 if all zones are bypassable)	*38	<input type="text"/> <input type="text"/>																								
<b>KEYSWITCH ENABLE</b> 1 = Yes, 0 = No	*15	<input type="text"/>		*39	<b>NOT USED</b>																								
<b>CONFIRMATION OF ARMING DING</b> 1 = Yes, 0 = No	*16	<input type="text"/>	<b>USE EOLRs ON ZONES 2 - 8</b> 1 = N.C. loops; 0 = EOLR supervision	*40	<b>NOT USED</b>																								
<b>AC LOSS SOUNDING</b> 1 = Yes, 0 = No	*17	<input type="text"/>	<b>DIAL TONE PAUSE</b> 0 = 5 secs., 1 = 11 secs., 2 = 30 secs.	*41	<input type="text"/>																								
<b>NOT USED</b> (MUST BE ZERO)	*18	<input type="text" value="0"/>	<b>DIAL TONE DETECT</b> 1 = Yes, 0 = No, just pause	*42	<input type="text"/>																								
<b>CONTROL ALARM SOUNDER DISABLE</b> 1 = Yes, 0 = No	*19	<input type="text"/>		*43	<input type="text"/>																								
<b>NOT USED</b> (MUST BE ZERO)	*20	<input type="text" value="0"/>	<b>PRIM ACK WAIT</b> 0 = 30 secs.; 1 = 60 secs.	*44	<b>NOT USED</b>																								
<b>NO FIRE TIME-OUT</b> 1 = Yes, 0 = No	*21	<input type="text"/>	<b>PRIM XMIT FORMAT</b> 0 = ADEMCO LO; 1 = SESCOA/RAD	*45	<input type="text"/>																								
<b>FIRE DISPLAY</b> 1 = Yes, 0 = No	*22	<input type="text"/>	<b>SEC ACK WAIT</b> 0 = 30 secs.; 1 = 60 secs.	*46	<input type="text"/>																								
<b>MULTIPLE ALARMS</b> 1 = Yes, 0 = No	*23	<input type="text"/>	<b>SEC XMIT FORMAT</b> 0 = ADEMCO LO; 1 = SESCOA/RAD	*47	<input type="text"/>																								
	*24	<b>NOT USED</b>	<b>CHECKSUM VERIFY</b> 1 = Yes, 0 = No	*48	<input type="text"/>																								
			<b>SESCOA/RADIONICS SELECTION</b> 0 = Radionics format w/ 0-9, B-F reporting 1 = SESCOA format w/ 0-9 reporting	*49	<input type="text"/>																								
				*50	<input type="text"/>																								





### 4130 / 5130 (2 OF 2)

**NOT USED**  
(MUST BE ZERO) \*53

**4 + 2 ZONE**  
**FORMAT SELECTION** \*54   
1 = 4+2 FORMAT  
0 = 3+1A+1 FORMAT

**ALARM REPORT** \*55   
0 = STANDARD; 1 = EXPANDED

**RESTORE REPORT** \*56   
0 = STANDARD; 1 = EXPANDED

**BYPASS REPORT** \*57   
0 = STANDARD; 1 = EXPANDED

**TROUBLE REPORT** \*58   
0 = STANDARD; 1 = EXPANDED

**OPEN/CLOSE**  
**REPORT** \*59   
0 = STANDARD; 1 = EXPANDED

**LOW BAT; AC LOSS**  
**& TEST REPORT** \*60   
0 = STANDARD; 1 = EXPANDED

**CHANNEL ASSIGNED**  
**TO EACH ZONE** \*61          
00-15; 00 = unused zone

ZONE 5

ZONE 6

ZONE 8

\*62

\*63

\*64

\*65

**ALARM CODES FOR**  
**EACH CHANNEL**  
(ENTER 01 - 15;  
00 = no channel reporting)

CH1	<input type="checkbox"/>	<input type="checkbox"/>	CH9	<input type="checkbox"/>	<input type="checkbox"/>
CH2	<input type="checkbox"/>	<input type="checkbox"/>	CH10	<input type="checkbox"/>	<input type="checkbox"/>
CH3	<input type="checkbox"/>	<input type="checkbox"/>	CH11	<input type="checkbox"/>	<input type="checkbox"/>
CH4	<input type="checkbox"/>	<input type="checkbox"/>	CH12	<input type="checkbox"/>	<input type="checkbox"/>
CH5	<input type="checkbox"/>	<input type="checkbox"/>	CH13	<input type="checkbox"/>	<input type="checkbox"/>
CH6	<input type="checkbox"/>	<input type="checkbox"/>	CH14	<input type="checkbox"/>	<input type="checkbox"/>
CH7	<input type="checkbox"/>	<input type="checkbox"/>	CH15	<input type="checkbox"/>	<input type="checkbox"/>
CH8	<input type="checkbox"/>	<input type="checkbox"/>	NOT USED	<input type="checkbox"/>	<input type="checkbox"/>

**NON-ALARM CODES**  
(ENTER 01 - 15;  
00 = no channel reporting)

\*67

AC LOSS	<input type="checkbox"/>	<input type="checkbox"/>
AC LOSS (2nd digt)	<input type="checkbox"/>	<input type="checkbox"/>
TREB	<input type="checkbox"/>	<input type="checkbox"/>
TREB RESTR	<input type="checkbox"/>	<input type="checkbox"/>
BYPASS	<input type="checkbox"/>	<input type="checkbox"/>
BYPASS RESTR	<input type="checkbox"/>	<input type="checkbox"/>
RESTR CODE FOR ALRM, AC, LO BAT	<input type="checkbox"/>	<input type="checkbox"/>

**NON-ALARM CODES** \*68  
(ENTER 01-15;  
00 = no channel reporting)

OPEN	<input type="checkbox"/>	<input type="checkbox"/>
CLOSE	<input type="checkbox"/>	<input type="checkbox"/>
LO BAT	<input type="checkbox"/>	<input type="checkbox"/>
LO BAT (2nd digt)	<input type="checkbox"/>	<input type="checkbox"/>
TEST	<input type="checkbox"/>	<input type="checkbox"/>
PWR UP	<input type="checkbox"/>	<input type="checkbox"/>
NOT USED	<input type="checkbox"/>	<input type="checkbox"/>
CANCEL	<input type="checkbox"/>	<input type="checkbox"/>

**ZONE TYPES**  
**RESTORE REPORT** \*69  
1 = YES; 0 = NO

1	2	3	4	5	6	7	8	9	10	11	12
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- \*72 NOT USED
- \*73 NOT USED
- \*74 NOT USED
- \*75 NOT USED
- \*76 NOT USED
- \*77 NOT USED
- \*78 NOT USED
- \*79 NOT USED
- \*80 NOT USED
- \*81 NOT USED

**SWINGER**  
**SHUTDOWN** \*82  
01 - 15 ALARMS

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

**TEST REPORT**  
**START** \*83  
01-31 hrs.; 00 = INSTANT

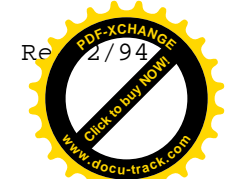
<input type="checkbox"/>
--------------------------

**NOT USED**  
(MUST BE ZERO) \*84

<input type="checkbox"/>
--------------------------

**ENABLE 4130**  
**FOR SUBZONING** \*85  
1 = YES; 0 = NO

<input type="checkbox"/>
--------------------------



### 4130XM / 5130XM / 4140XM (1 OF 4)

**INSTALLER CODE**

(ENTER 0-9)

\*00

**MASTER CODE**

(ENTER 0-9)

\*01

**RESPONSE TYPE**

(ENTER 00-10)

- 00 = unused zone
- 01 = E/E #1
- 02 = E/E #2
- 03 = Perimeter
- 04 = Interior Follower
- 05 = Trouble by day/Alarm by night
- 06 = 24 hr Silent
- 07 = 24 Hr Audible
- 08 = 24 hr Auditory
- 09 = Fire
- 10 = Interior Delay

\* If Zone 7 is to be used for key switch Arm/Disarm operation, enter 10.

ZONES

\*02

ZONES

\*03

ZONES

\*04

\*05

SHORT 1 & \* 3 & # \* & #

**NO FIRE TIME-OUT**

1 = Yes, 0 = No

\*21

**NOT USED**

\*22

**MULTIPLE ALARMS**

1 = Yes, 0 = No

\*23

**DISABLE TAMPER**

DETECTION IN EXPANSION ZNS 10-64

1 = Yes, 0 = No

\*24

**DISABLE DURESS IN**

HIGH SPEED FORMAT

1 = Yes, 0 = No

\*25

**INTERNAL ALARM**

SOUND SELECTION

1 = sweeping; 0 = louder, steady; makes no difference for 4140XM

\*26

**TEST REPORT**

INTERVAL

0 = no report; 1 = 12 hrs.; 2 = 24 hrs.; 3 = 168 hrs

\*27

**DESIGNATE RIGHT**

**ZONE USAGE**

0 or 1; 0 for 4208, 4139, 4191, 4192SD, 4194, 4275 usage and for left loop on 4190WH and PIR on 4196; 1 for right loop on 4190WH and auxiliary loop on 4196.

\*06

\*07

\*08

**POWER-UP IN**

PREVIOUS STATE

1 = Yes, 0 = No

\*28

**QUICK ARM**

1 = Yes, 0 = No

\*29

**TOUCH-TONE DIAL**

1 = Yes, 0 = ROTARY

\*30

**ENTRY DELAY #1**

X 15 secs (00 - 15)

\*09

**EXIT DELAY #1**

X 15 secs (00 - 15)

\*10

**ENTRY DELAY #2**

X 15 secs (00 - 15)

\*11

**EXIT DELAY #2**

X 15 secs (00 - 15)

\*12

**ALARM SOUNDER**

TIME DURATION

X 2 mins. (01 - 15)

\*13

**NOT USED**

MUST BE 0.

\*14  0

**KEYSWITCH ENABLE**

1 = Yes, 0 = No

\*15

**CONFIRMATION OF**

ARMING DING ENABLE

1 = Yes, 0 = No

\*16

**AC LOSS TRBL SOUND**

1 = Yes, 0 = No

\*17

**AC PWR LOSS ALARM**

1 = Yes, 0 = No

\*18

**CONTROL ALARM**

SOUNDER DISABLE

1 = Yes, 0 = No Makes no difference for 4140

\*19

**NOT USED**

(MUST BE ZERO)

\*20  0

**PABX CODE**

00 - 09; B - F (11-15)

\*31

**PRIM SUBSCRIBER #**

00 - 09; B - F (11-15)

\*32

**PRIMARY PHONE #**

0 - 9

\*33

**SEC PHONE #**

0 - 9

\*34

**CS DOWNLOAD#**

0 - 9

\*35

**CS ID#**

00 - 09; A - F (10 - 15)

\*36

**DOWNLOADING**

COMMANDS

ALLOWED

1 = Yes, 0 = No

\*37

1 DIALER SHUTDOWN

2 SYSTEM SHUTDOWN

3 NOT USED

4 REMOTE BYPASS

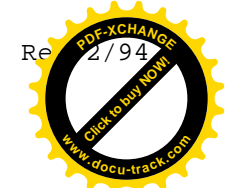
5 REMOTE DISARM

6 REMOTE ARM

7 UPLOAD PROGRAM

8 DOWNLOAD PROGRAM

0



## 4130XM / 5130XM / 4140XM (2 OF 4)

**PRIORITY ZONE** \*38    
 01 - 31 (00 if all zones are bypassable)

**OPEN/CLOSE REPORT ENABLE** \*39            
 1 = Yes, 0 = No

**PROGRAM TAMPER RPT** \*40    
 (1st digit) 01 - 15 (00 = no report)

**USE EOLRs ON ZONES 2-8** \*41   
 1 = N.C. loops, 0 = EOLR supervision

**DIAL TONE PAUSE** \*42   
 0 = 5 secs., 1 = 11 secs, 2 = 30 secs.

**DIAL TONE DETECT** \*43   
 1 = Yes, 0 = No; JUST PAUSE

**RING DETECT COUNT** \*44   
 00 = no ring detect; 01 - 14 for ring counts of 1 - 14;  
 15 when telephone answering machine is connected to the same phone line

**PRIM ACK WAIT** \*45   
 0 = 30 secs.; 1 = 60 secs.

**PRIM XMIT FORMAT** \*46   
 0 = ADEMCO LO; 1 = SESCOA; 2 = ADEMCO HI SPEED

**SEC ACK WAIT** \*47   
 0 = 30 SECS; 1 = 60 SECS.

**SEC XMIT FORMAT** \*48   
 0 = ADEMCO LO; 1 = SESCOA; 2 = ADEMCO HI SPEED

**CHECKSUM VERIFY** \*49   
 1 = Yes, 0 = No

**SESCOA/RADIONICS SELECTION** \*50   
 0 = Radionics format w/ 0 - 9, B - F reporting;  
 1 = SESCOA format w/ 0-9 reporting

**DUAL REPORTING** \*51   
 1 = Yes, 0 = No

**OPEN/CLOSE REPORT ENABLE** \*52            
 1 = Yes, 0 = No

**4+2 ZONE (MAX. OF 27 ZONES) FORMAT SELECTION** \*53   
 0 = a non-expanded zone configuration;  
 1 = 4+2 reporting by zone for a zone expanded system.

**4+2 ZONE (MAX. OF 9 WIRED ZONES) FORMAT SELECTION** \*54   
 1 = 4+2 format;  
 0 = 3+1/4+1 or ADEMCO HI Speed format

**ALARM REPORT** \*55   
 0 = Standard; 1 = Expanded

**RESTORE REPORT** \*56   
 0 = Standard; 1 = Expanded

**BYPASS REPORT** \*57   
 0 = Standard; 1 = Expanded

**TROUBLE REPORT** \*58   
 0 = Standard; 1 = Expanded

**OPEN/CLOSE REPORT** \*59   
 0 = Standard; 1 = Expanded

**LOW BAT; AC LOSS & TEST REPORT** \*60   
 0 = Standard; 1 = Expanded

**CHANNEL ASSIGNED TO EACH ZONE** \*61 (Enter 01 - 15; 00 = no code reporting)

ZONE 1	2	3	4	5	6	7	8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*62

ZONE 9	10	11	12	13	14	15	16
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*63

ZONE 17	18	19	20	21	22	23	24
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*64

ZONE 25	26	27	DURESS SHORT 1 & #	3 & #	* & #
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*2nd digit*

**ALARM CODES FOR EACH CHANNEL** \*65 (Enter 01 - 15; 00 = no code reporting)

CH1	<input type="checkbox"/>	<input type="checkbox"/>	CH9	<input type="checkbox"/>	<input type="checkbox"/>
CH2	<input type="checkbox"/>	<input type="checkbox"/>	CH10	<input type="checkbox"/>	<input type="checkbox"/>
CH3	<input type="checkbox"/>	<input type="checkbox"/>	CH11	<input type="checkbox"/>	<input type="checkbox"/>
CH4	<input type="checkbox"/>	<input type="checkbox"/>	CH12	<input type="checkbox"/>	<input type="checkbox"/>
CH5	<input type="checkbox"/>	<input type="checkbox"/>	CH13	<input type="checkbox"/>	<input type="checkbox"/>
CH6	<input type="checkbox"/>	<input type="checkbox"/>	CH14	<input type="checkbox"/>	<input type="checkbox"/>
CH7	<input type="checkbox"/>	<input type="checkbox"/>	CH15	<input type="checkbox"/>	<input type="checkbox"/>
CH8	<input type="checkbox"/>	<input type="checkbox"/>	NOT USED	0	0

*1st digit*

**NON-ALARM CODES** \*67 (Enter 01 - 15; 00 = no code reporting)

AC LOSS	<input type="checkbox"/>	<input type="checkbox"/>	OPEN	<input type="checkbox"/>	<input type="checkbox"/>
AC LOSS 2nd DIGIT	<input type="checkbox"/>	<input type="checkbox"/>	CLOSE	<input type="checkbox"/>	<input type="checkbox"/>
TRBL	<input type="checkbox"/>	<input type="checkbox"/>	LO BAT	<input type="checkbox"/>	<input type="checkbox"/>
TRBL RESTR	<input type="checkbox"/>	<input type="checkbox"/>	L BAT 2 <sup>nd</sup> #	<input type="checkbox"/>	<input type="checkbox"/>
BYPASS	<input type="checkbox"/>	<input type="checkbox"/>	TEST	<input type="checkbox"/>	<input type="checkbox"/>
BYPASS RESTR	<input type="checkbox"/>	<input type="checkbox"/>	PWR UP	<input type="checkbox"/>	<input type="checkbox"/>
RESTR CODE FOR ALRM, AC, LO BAT	<input type="checkbox"/>	<input type="checkbox"/>	CANCEL	<input type="checkbox"/>	<input type="checkbox"/>

**ZONE TYPES 1-10 RESTORE REPORT ENABLE** \*69 (1 = YES; 0 = NO)

1	2	3	4
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6	7	8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	10		
<input type="checkbox"/>	<input type="checkbox"/>		

\*70

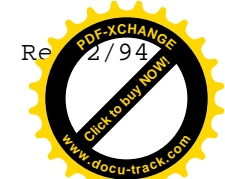
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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\*71

<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------

**4+2 EXPANDED FORMAT ZONES 1-8 REPORTS** \*72 (Enter 01 - 15; 00 = no code reporting)

1st DIGIT	2nd DIGIT
ALRM	Z1
TRBL	Z2
BYPASS	Z3
ALRM RESTR	Z4
TRBL RESTR	Z5
BYPASS RESTR	Z6
	Z7
	Z8



### 4130XM / 5130XM / 4140XM (3 OF 4)

**4+2 EXPANDED  
FORMAT ZONES  
9-16 REPORTS**

(Enter 00 - 15;  
00 = no channel  
reporting)

	*73 1st DIGIT		*77 2nd DIGIT
ALRM	<input type="text"/>	Z9	<input type="text"/>
TRBL	<input type="text"/>	Z10	<input type="text"/>
BYPASS	<input type="text"/>	Z11	<input type="text"/>
ALRM RESTR	<input type="text"/>	Z12	<input type="text"/>
TRBL RESTR	<input type="text"/>	Z13	<input type="text"/>
BYPASS RESTR	<input type="text"/>	Z14	<input type="text"/>
		Z15	<input type="text"/>
		Z16	<input type="text"/>

**4+2 EXPANDED  
FORMAT ZONES 17-24  
REPORTS**

(Enter 01 - 15;  
00 = no code  
reporting)

	*74 1st DIGIT		*78 2nd DIGIT
ALRM	<input type="text"/>	Z17	<input type="text"/>
TRBL	<input type="text"/>	Z18	<input type="text"/>
BYPASS	<input type="text"/>	Z19	<input type="text"/>
ALRM RESTR	<input type="text"/>	Z20	<input type="text"/>
TRBL RESTR	<input type="text"/>	Z21	<input type="text"/>
BYPASS RESTR	<input type="text"/>	Z22	<input type="text"/>
		Z23	<input type="text"/>
		Z24	<input type="text"/>

**SWINGER SHUTDOWN \*82**  
01-15 ALARMS

<input type="text"/>	<input type="text"/>
----------------------	----------------------

**TEST REPORT START \*83**  
01-31 HRS.; 00 = INSTANT

<input type="text"/>	<input type="text"/>
----------------------	----------------------

**KISSOFF WAIT \*84**  
1 = ADEMCO High speed on WATS;  
0 = other formats or if local telco lines  
are being used.

<input type="text"/>
----------------------

**DO NOT USE \*85**  
**ZONE EXPANDER TYPE \*86**  
1 = No. 4208;  
0 = other VECTOR type RPM's

<input type="text"/>	must be zero
----------------------	--------------

**ENTRY WARNING \*87**  
1 = CONT.; 0 = 3 BEEPS

<input type="text"/>
----------------------

**BURG. ALARM \*88**  
**COMM DELAY**  
1 = 16 SECS.; 0 = NO DELAY

<input type="text"/>
----------------------

**NOT USED \*89**

0	must be zero
---	--------------

**SEC. SUBSCRIBER # \*90**  
00 - 09; B - F [11 - 15]

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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**OPEN/CLOSE \*100**  
**REPORT ENABLE** USER 17 18 19 20 21 22  
1 = YES, 0 = NO

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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**4+2 EXPANDED  
FORMAT KEYPAD  
PANICS/ZONES 25-27/  
XPDR SUPVSRY**

(Enter 01 - 15;  
00 = no code  
reporting)

	*75 1st DIGIT		*79 2nd DIGIT
ALRM	<input type="text"/>	Z25	<input type="text"/>
TRBL	<input type="text"/>	Z26	<input type="text"/>
BYPASS	<input type="text"/>	Z27	<input type="text"/>
ALRM RESTR	<input type="text"/>	DURESS	<input type="text"/>
TRBL RESTR	<input type="text"/>	WIRING SHORT, ZONE EXP.	<input type="text"/>
BYPASS RESTR	<input type="text"/>	1 & PANIC	<input type="text"/>
		3 & PANIC	<input type="text"/>
		* & PANIC	<input type="text"/>

**ASSIGN RESPONSE TYPE FOR ZONES: (SEE FLD0.02 - 08)**

\*101 ZNS 28 - 32 \*102 ZNS 33 - 40 \*103 ZNS 41 - 48

Z28	<input type="text"/>
Z29	<input type="text"/>
Z30	<input type="text"/>
Z31	<input type="text"/>
Z32	<input type="text"/>

Z33	<input type="text"/>
Z34	<input type="text"/>
Z35	<input type="text"/>
Z36	<input type="text"/>
Z37	<input type="text"/>
Z38	<input type="text"/>
Z39	<input type="text"/>
Z40	<input type="text"/>

Z41	<input type="text"/>
Z42	<input type="text"/>
Z43	<input type="text"/>
Z44	<input type="text"/>
Z45	<input type="text"/>
Z46	<input type="text"/>
Z47	<input type="text"/>
Z48	<input type="text"/>

**4+2 EXPANDED  
FORMAT NON-  
ALARM CODES**

(Enter 01 - 15;  
00 = no code  
reporting)

	*80 1st DIGIT	2nd DIGIT
CLOSE REPORT	<input type="text"/>	<input type="text"/>
OPEN REPORT	<input type="text"/>	<input type="text"/>
LOW BATT REPORT	<input type="text"/>	<input type="text"/>
LOW BATT RESTORE RPT	<input type="text"/>	<input type="text"/>
TEST REPORT	<input type="text"/>	<input type="text"/>

**4+2 EXPANDED  
FORMAT NON-  
ALARM CODES  
(CONT'D)**

(Enter 01 - 15;  
00 = no code  
reporting)

	*81 1st DIGIT	2nd DIGIT
POWER-UP REPORT	<input type="text"/>	<input type="text"/>
*2nd digit is also second digit for program tamper code (see *40)		
AC LOSS REPORT	<input type="text"/>	<input type="text"/>
AC RESTORE REPORT	<input type="text"/>	<input type="text"/>
CANCEL REPORT	<input type="text"/>	<input type="text"/>

\*104 ZNS 49 - 56

Z49	<input type="text"/>
Z50	<input type="text"/>
Z51	<input type="text"/>
Z52	<input type="text"/>
Z53	<input type="text"/>
Z54	<input type="text"/>
Z55	<input type="text"/>
Z56	<input type="text"/>

\*105 ZNS 57 - 64

Z57	<input type="text"/>
Z58	<input type="text"/>
Z59	<input type="text"/>
Z60	<input type="text"/>
Z61	<input type="text"/>
Z62	<input type="text"/>
Z63	<input type="text"/>
Z64	<input type="text"/>

\*108 ASSIGN RESP.  
TYPE 2ND 4280

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

Z88 2nd 4280  
NOT REC  
XMTR SIG

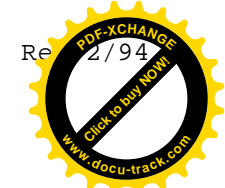
\*106 NOT USED

\*107 NOT USED

\*109 ASSIGN RESP. TYPE 1ST & 2ND 4280

Z89	<input type="text"/>
Z90	<input type="text"/>
Z91	<input type="text"/>

2ND 4280 NOT RESP / BAD CONN TO PANEL  
1ST 4280 NOT RECEIVING XMTR SIGNALS  
1ST 4280 NOT RESP / BAD CONN TO PANEL



## 4130XM / 5130XM / 4140XM (4 OF 4)

**DESIGNATE RIGHT ZONE USAGE (SEE \*109 FOR CHOICES)**

\*110 ZN 33 - 40 

33	34	35	36	37	38	39	40

\*111 ZN 41 - 48 

41	42	43	44	45	46	47	48

\*112 ZN 49 - 56 

49	50	51	52	53	54	55	56

\*113 ZN 57 - 64 

57	58	59	60	61	62	63	64

\*114, \*115, \*116, \*117 NOT USED

**SELECTION OF WIRELESS FOR: (1 = YES, 0 = NO)**

\*118 ZN 1 - 8 

1	2	3	4	5	6	7	8

\*119 ZN 9 - 16 

9	10	11	12	13	14	15	16

\*120 ZN 17 - 24 

17	18	19	20	21	22	23	24

\*121 ZN 25 - 32 

25	26	27	28	29	30	31	32

\*122 ZN 33 - 40 

33	34	35	36	37	38	39	40

\*123 ZN 41 - 48 

41	42	43	44	45	46	47	48

\*124 ZN 49 - 56 

49	50	51	52	53	54	55	56

\*125 ZN 57 - 63 

57	58	59	60	61	62	63

\*126 1ST 4280 RF XPNDR SELECT  1 = YES, 0 = NO

\*127 2ND 4280 RF XPNDR SELECT  1 = YES, 0 = NO

\*128 RF XMTR LO BAT ANNUN  1 = IMMED, 0 = WHEN DISARMED

\*129 RF XMTR LO BAT RPT  1 = YES, 0 = NO

\*130 4280 SUP CHK-IN MONL BTRW   X 2 HOURS  
01 - 15

\*131 RF XMTR CHK-IN MONL BTRW   X 2 HOURS  
01 - 15

\*132 ADEMCO H.S. CONTACT RPT RPT  1 = YES, 0 = NO

\*133 TT DIAL W/ ROTARY BACKUP  1 = YES, 0 = NO

\*134 COMM SPLIT REPORTING   
0 = NO, 1 = ALARMS PROMOTERS SEC, 2 = OP/CL, TST SEC, OTHERS PRG

**CHANNEL ASSIGNED TO EACH ZONE (ENTER 01 - 15, 00 = NO CODE REPORTING)**

\*135 ZN 28 - 32 

Z28	
Z29	
Z30	
Z31	
Z32	

\*136 ZN 33 - 40 

Z33	
Z34	
Z35	
Z36	
Z37	
Z38	
Z39	
Z40	

\*137 ZN 41 - 48 

Z41	
Z42	
Z43	
Z44	
Z45	
Z46	
Z47	
Z48	

**CHANNEL ASSIGNED TO EACH ZONE (01 - 15, 00 = NO CODE ENTRY)**

\*138 ZNS 49 - 56 

Z49	
Z50	
Z51	
Z52	
Z53	
Z54	
Z55	
Z56	

\*139 ZNS 57 - 64 

Z57	
Z58	
Z59	
Z60	
Z61	
Z62	
Z63	
Z64	

\*140, \*141 NOT USED

\*142 ASSIGN CHNNL TO 2ND RCVR FAULT 

0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0

\*143 CHANNEL ASSIGNED TO RF RCVR FAULTS 

Z69	
Z90	
Z91	

2ND 4280 NO XMTR CHECK-IN FAULT

2ND 4280 NOT FUNCTIONAL

1ST 4280 NO XMTR CHECK-IN FAULT

1ST 4280 NOT FUNCTIONAL

- \*144 WIRELESS KEYPAD TAMPER DETECT ENABLE  1 = YES, 0 = NO
- \*145 ENABLE CONSOLE ANNUN DURING EXIT DELAY  1 = YES, 0 = NO
- \*146 AUX. OUTPUT FUNCTION ENABLE   
0 = GND START, 1 = OP/CL TRGR, 2 = CONSOLE SOUNDS
- \*147 ENABLE CHIME ANNUN ON EXTERNAL ALARM SNDR  1 = YES, 0 = NO
- \*148 WIRELESS KEYPAD DISABLE  1 = YES, 0 = NO
- \*149 DISABLE RF XMTR CHECK-IN FAIL TRBL SOUNDING  1 = YES, 0 = NO

**HEXADECIMAL TO NUMERIC ENTRY CONVERSION**

0 = 10 (REPORT CODES)

0 = 00 (SUBS ID, PABX OR CS ID)

1 = 01 2 = 02 3 = 03 4 = 04 5 = 05 6 = 06 7 = 07

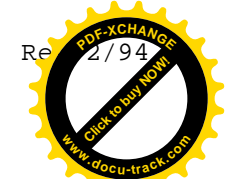
8 = 08 9 = 09 B = 11 C = 12 D = 13 E = 14 F = 15

A = 10 (CS ID only)

## 4130XT / 5130XT / 4140AT (1 of 2)

<p><b>INSTALLER CODE</b> (ENTER 0-9) *00 <input type="text"/></p> <p><b>MASTER CODE</b> (ENTER 0-9) *01 <input type="text"/></p> <p><b>RESPONSE TYPE</b> (ENTER 00-10)</p> <p>00 = Unused zone 01 = E/E #1 02 = E/E #2 03 = Perimeter 04 = Interior Followup 05 = Trouble by day Alarm by night 06 = 24 hr Silent 07 = 24 Hr Audible 08 = 24 hr Auxiliary 09 = Fire 10 = Inverse Delay</p> <p><small>* If Zone 7 is to be used for key select Arm/Disarm operation, enter 10</small></p>	<p><b>ZONES</b> *02 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>ZONES</b> *03 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>ZONES</b> *04 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>ZONES</b> *05 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p style="text-align: center;"><small>SHORT 1 &amp; * 3 &amp; # * &amp; #</small></p>	<p><b>PABX CODE</b> 00 - 09; A - F *31 <input type="text"/></p> <p><b>SUBSCRIBER #</b> 00 - 09; A - F *32 <input type="text"/></p> <p><b>PRIMARY PHONE #</b> 0-9 *33 <input type="text"/></p> <p><b>SEC PHONE #</b> 0-9 *34 <input type="text"/></p> <p><b>CS DOWNLOAD#</b> 0-9 *35 <input type="text"/></p> <p><b>CS ID#</b> 00 - 09; A - F *36 <input type="text"/></p>
<p><b>DESIGNATE RIGHT ZONE USAGE</b> <small>0 or 1, 0 for 4208, 4192, 4194, 4275 usage and for left loop on 4190WH and PIR on 4190; 1 for right loop on 4190WH and auxiliary loop on 4190.</small></p> <p><b>ENTRY DELAY #1</b> X 15 secs (00 - 15) *09 <input type="text"/></p> <p><b>EXIT DELAY #1</b> X 15 secs (00 - 15) *10 <input type="text"/></p> <p><b>ENTRY DELAY #2</b> X 15 secs (00 - 15) *11 <input type="text"/></p> <p><b>EXIT DELAY #2</b> X 15 secs (00 - 15) *12 <input type="text"/></p> <p><b>ALARM SOUNDER TIME DURATION</b> X 2 mins. (01 - 15) *13 <input type="text"/></p> <p><b>ALARM SOUNDER TYPE</b> <small>Do not enter 7, must be 0.</small> *14 <input type="text"/></p> <p><b>KEYSWITCH ENABLE</b> 1 = Yes, 0 = No *15 <input type="checkbox"/></p> <p><b>CONFIRMATION OF ARMING DING ENABLE</b> 1 = Yes, 0 = No *16 <input type="checkbox"/></p> <p><b>AC LOSS SOUNDING</b> 1 = Yes, 0 = No *17 <input type="checkbox"/></p> <p><b>NOT USED (MUST BE ZERO)</b> *18 <input type="text"/></p> <p><b>CONTROL ALARM SOUNDER DISABLE</b> 1 = Yes, 0 = No <small>Makes no difference for 4140</small> <b>NOT USED (MUST BE ZERO)</b> *19 <input type="text"/></p> <p><b>NO FIRE TIME-OUT</b> 1 = Yes, 0 = No *20 <input type="text"/></p> <p><b>FIRE DISPLAY</b> 1 = Yes, 0 = No *21 <input type="checkbox"/></p> <p><b>MULTIPLE ALARMS</b> 1 = Yes, 0 = No *22 <input type="checkbox"/></p> <p><b>DISABLE TAMPER DETECTION IN EXPANSION ZNS 10-17</b> 1 = Yes, 0 = No *23 <input type="checkbox"/></p> <p><b>DISABLE DURESS IN HIGH SPEED FORMAT</b> 1 = Yes, 0 = No *24 <input type="checkbox"/></p> <p><b>INTERNAL ALARM SOUND SELECTION</b> 1 = sweeping; 0 = louder, steady; <small>makes no difference for 4140</small> *25 <input type="checkbox"/></p> <p><b>TEST REPORT INTERVAL</b> 0 = no report, 1 = 12 hrs.; 2 = 24 hrs.; 3 = 168 hrs *26 <input type="checkbox"/></p> <p><b>POWER-UP IN PREVIOUS STATE</b> 1 = Yes, 0 = No *27 <input type="checkbox"/></p> <p><b>QUICK ARM</b> 1 = Yes, 0 = No *28 <input type="checkbox"/></p> <p><b>TOUCH-TONE DIAL</b> 1 = Yes, 0 = ROTARY *29 <input type="checkbox"/></p>	<p><b>DOWNLOADING COMMANDS ALLOWED</b> *37 1 = Yes, 0 = No</p> <p>1 DIALER SHUTDOWN <input type="checkbox"/></p> <p>2 SYSTEM SHUTDOWN <input type="checkbox"/></p> <p>3 NOT USED <input type="checkbox"/></p> <p>4 REMOTE BYPASS <input type="checkbox"/></p> <p>5 REMOTE DISARM <input type="checkbox"/></p> <p>6 REMOTE ARM <input type="checkbox"/></p> <p>7 UPLOAD PROGRAM <input type="checkbox"/></p> <p>8 DOWNLOAD PROGRAM <input type="checkbox"/></p> <p><b>PRIORITY ZONE</b> 01 - 17 (00 if all zones are bypassable) *38 <input type="text"/></p> <p><b>OPEN/CLOSE REPORT ENABLE</b> 1 = Yes, 0 = No *39 <input type="text"/></p> <p><b>PROGRAM TAMPER RPT</b> (1st digit) 01 - 15 (00 = no report) *40 <input type="text"/></p> <p><b>USE EOLRs ON ZONES 2-8</b> 1 = N.C. loops, 0 = EOLR supervision *41 <input type="checkbox"/></p> <p><b>DIAL TONE PAUSE</b> 0 = 5 secs., 1 = 11 secs., 2 = 30 secs. *42 <input type="checkbox"/></p> <p><b>DIAL TONE DETECT</b> 1 = Yes, 0 = No; JUST PAUSE *43 <input type="checkbox"/></p> <p><b>RING DETECT COUNT</b> *44 <input type="text"/></p> <p><small>00 = no ring detect; 01 - 14 for ring counts of 1 - 14, 15 when telephone answering machine is connected to the same phone line</small></p> <p><b>PRIM ACK WAIT</b> 0 = 30 secs.; 1 = 60 secs. *45 <input type="checkbox"/></p> <p><b>PRIM XMIT FORMAT</b> 0 = ADEMCO LO; 1 = SESCO/RAD 2 = ADEMCO HI SPEED *46 <input type="checkbox"/></p> <p><b>SEC ACK WAIT</b> 0 = 30 SECS.; 1 = 60 SECS. *47 <input type="checkbox"/></p> <p><b>SEC XMIT FORMAT</b> 0 = ADEMCO LO; 1 = SESCO/RAD 2 = ADEMCO HI SPEED *48 <input type="checkbox"/></p> <p><b>CHECKSUM VERIFY</b> 1 = Yes, 0 = No *49 <input type="checkbox"/></p> <p><b>SESCO/RADIONICS SELECTION</b> 0 = Radionics format w/ 0 - 9, B - F reporting; 1 = SESCOA format w/ 0-9 reporting *50 <input type="checkbox"/></p> <p><b>DUAL REPORTING</b> 1 = Yes, 0 = No *51 <input type="checkbox"/></p> <p><b>OPEN/CLOSE REPORT ENABLE</b> 1 = Yes, 0 = No *52 <input type="text"/></p> <p><b>4+2 ZONE (MAX. OF 17 WIRED ZONES) FORMAT SELECTION</b> 0 = a non-expanded zone configuration; 1 = 4+2 reporting by zone for a zone expanded system. *53 <input type="checkbox"/></p> <p><b>4+2 ZONE (MAX. OF 9 WIRED ZONES) FORMAT SELECTION</b> 1 = 4+2 format; 0 = 3+1/4+1 or ADEMCO Hi Speed format *54 <input type="checkbox"/></p>	



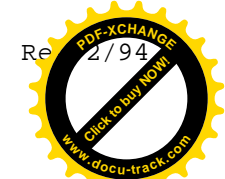


## 4140XMP PROGRAMMING FORM (1 of 6)

(PARENTHESES AROUND A FIELD NUMBER INDICATE A CHANGE FROM THE 4140XM FIELD DEFINITION)  
 [SQUARE BRACKETS INDICATE STANDARD DEFAULT VALUES; OTHERWISE DEFAULT = 0]

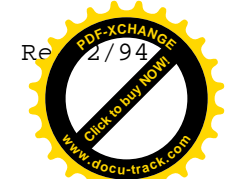
FIELD FUNCTION	PROGRAMMED VALUES																								
*00 INSTALLER CODE	<input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> Enter 4 digits, 0-9 [4140]																								
*01 MASTER SECURITY CODE	<input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> <input style="width: 40px;" type="text"/> Enter 4 digits, 0-9 [1234] See field 1*54 for 6-digit enable																								
<b>*02-*05 ASSIGN RESPONSE TYPE FOR ZONES 1-27 See fields 1*01-1*05 for zones 28-64</b>																									
RESPONSE TYPES 01=Entry/Exit #1 02=Entry/Exit #2 03=Perimeter 04=Inter, Follow 05=Day/Night 06=24 Hour Silent 07=24 Hr Audible 08=24 Hr Auxiliary 09=Fire 10=Inter, Delay	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">FOR ZONES 1-8</td> <td style="width: 5%;">*02</td> <td><input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/></td> </tr> <tr> <td></td> <td></td> <td>1 [09] 2 [03] 3 [03] 4 [03] 5 [03] 6 [03] 7 [03] 8 [03]</td> </tr> <tr> <td>FOR ZONES 9-16</td> <td>*03</td> <td><input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/></td> </tr> <tr> <td></td> <td></td> <td>9 [03] 10 11 12 13 14 15 16</td> </tr> <tr> <td>FOR ZONES 17-24</td> <td>*04</td> <td><input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/></td> </tr> <tr> <td></td> <td></td> <td>17 18 19 20 21 22 23 24</td> </tr> <tr> <td>FOR ZONES 25-27 &amp; VARIOUS KEYPAD PANICS (95, 96 &amp; 99)</td> <td>*05</td> <td><input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> 0 0 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/></td> </tr> <tr> <td></td> <td></td> <td>25 26 27 97 [05] 95 96 99 [06] Poll Short 1+ 3+# ++#</td> </tr> </table>	FOR ZONES 1-8	*02	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>			1 [09] 2 [03] 3 [03] 4 [03] 5 [03] 6 [03] 7 [03] 8 [03]	FOR ZONES 9-16	*03	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>			9 [03] 10 11 12 13 14 15 16	FOR ZONES 17-24	*04	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>			17 18 19 20 21 22 23 24	FOR ZONES 25-27 & VARIOUS KEYPAD PANICS (95, 96 & 99)	*05	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> 0 0 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>			25 26 27 97 [05] 95 96 99 [06] Poll Short 1+ 3+# ++#
FOR ZONES 1-8	*02	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																							
		1 [09] 2 [03] 3 [03] 4 [03] 5 [03] 6 [03] 7 [03] 8 [03]																							
FOR ZONES 9-16	*03	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																							
		9 [03] 10 11 12 13 14 15 16																							
FOR ZONES 17-24	*04	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																							
		17 18 19 20 21 22 23 24																							
FOR ZONES 25-27 & VARIOUS KEYPAD PANICS (95, 96 & 99)	*05	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> 0 0 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																							
		25 26 27 97 [05] 95 96 99 [06] Poll Short 1+ 3+# ++#																							
<b>*06-*08 DESIGNATE RIGHT LOOP FOR ZONES 10-32; See fields 1*10-1*13 for zones 33-64; 1=yes; [0=no]</b>																									
FOR ZONES 10-16	*06 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																								
		10 11 12 13 14 15 16																							
FOR ZONES 17-24	*07 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																								
		17 18 19 20 21 22 23 24																							
FOR ZONES 25-32	*08 <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>																								
		25 26 27 28 29 30 31 32																							
*09 ENTRY DELAY #1	<input style="width: 20px;" type="text"/> [02] *11 ENTRY DELAY #2 <input style="width: 20px;" type="text"/> [06] Enter 00-15 times 15 seconds for each of the delay times.																								
*10 EXIT DELAY #1	<input style="width: 20px;" type="text"/> [03] *12 EXIT DELAY #2 <input style="width: 20px;" type="text"/> [08]																								
*13 ALARM SOUNDER DURATION	<input style="width: 20px;" type="text"/> 01-15 times 2 minutes [04]																								
(*14) ZONE 9 FAST/SLOW RESPONSE	<input type="checkbox"/> 1=fast; [0= slow]																								
*15 KEYSWITCH ENABLE	<input type="checkbox"/> 1=enable; [0=disable]																								
*16 CONFIRMATION OF ARMING DING	<input type="checkbox"/> 1=enable; [0=disable]																								
*17 AC POWER LOSS SOUNDING	<input type="checkbox"/> 1=yes; [0=no]																								
*18 AC POWER LOSS ALARM	<input type="checkbox"/> 1=yes; [0=no]																								
(*19) AC RANDOMIZE	<input type="checkbox"/> 1=randomize 10-40 min.; [0=no]																								
*21 DISABLE FIRE TIME-OUT	<input type="checkbox"/> 1=no timeout; [0=fire timeout]																								
*23 MULTIPLE ALARMS	<input type="checkbox"/> [1=yes]; 0=no																								
*24 4190WH TAMPER DISABLE	<input type="checkbox"/> 1=disable; [0=enable]																								
(*26) INTELLIGENT TEST REPORTING	<input type="checkbox"/> 1=yes, no report sent if any other report was recently sent; [0=no]																								
(*27) TEST REPORT INTERVAL	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> Enter interval in hours, 001-199; 000=no report [024]																								
*28 POWER UP IN PREVIOUS STATE	<input type="checkbox"/> [1=yes]; 0=no																								
*29 QUICK ARM	<input type="checkbox"/> [1=yes]; 0=no																								
*30 TOUCH-TONE OR ROTARY DIAL	<input type="checkbox"/> [1=TouchTone]; 0=rotary																								
*31 PABX ACCESS CODE	<input style="width: 40px;" type="text"/> 00-09; B-F (11-15)																								
*32 PRIMARY SUBSCRIBER ACCT #	<input style="width: 40px;" type="text"/> 00-09; B-F (11-15) [15 15 15 15]																								
*33 PRIMARY PHONE NUMBER	<input style="width: 80px;" type="text"/> 0-9																								
*34 SECONDARY PHONE NUMBER	<input style="width: 80px;" type="text"/> 0-9																								





## 4140XMP PROGRAMMING FORM (2 of 6)

FIELD FUNCTION	PROGRAMMED VALUES																																													
*35 DOWNLOAD PHONE No.	<input style="width: 100px; height: 15px;" type="text"/> Enter 0-9 for each digit																																													
*36 DOWNLOAD ID No. Enter 00-09; A-F (10-15)	<input style="width: 100px; height: 15px;" type="text"/> [15 15 15 15 15 15 15 15]																																													
*37 DOWNLOAD COMMAND ENABLES [1=enable]; 0=disable See field 1*53 for Callback disable option	<table style="border: none;"> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>DIALER SHUTDOWN</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>SYSTEM SHUTDOWN</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px; text-align: center;">0</td><td>NOT USED</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>REMOTE BYPASS</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>REMOTE DISARM</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>REMOTE ARM</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>UPLOAD PROGRAM</td></tr> <tr><td style="border: 1px solid black; width: 20px; height: 15px;"></td><td>DOWNLOAD PROGRAM</td></tr> </table>		DIALER SHUTDOWN		SYSTEM SHUTDOWN	0	NOT USED		REMOTE BYPASS		REMOTE DISARM		REMOTE ARM		UPLOAD PROGRAM		DOWNLOAD PROGRAM																													
	DIALER SHUTDOWN																																													
	SYSTEM SHUTDOWN																																													
0	NOT USED																																													
	REMOTE BYPASS																																													
	REMOTE DISARM																																													
	REMOTE ARM																																													
	UPLOAD PROGRAM																																													
	DOWNLOAD PROGRAM																																													
*38 INHIBIT BYPASS OF ONE ZONE	<input style="width: 30px; height: 15px;" type="text"/> 01-31; [00 if all zones can be bypassed]																																													
(*39) OPEN/CLOSE REPORTING ENABLE BY USERS 1-8	<input style="width: 60px; height: 15px;" type="text"/> 1=enable; 0=disable [user 1 enabled]																																													
(*40) OPEN/CLOSE REPORTING ENABLE BY USERS 9-16 See fields 1*00 for other users	<input style="width: 60px; height: 15px;" type="text"/> 1=enable; [0=disable]																																													
*41 EOLR DISABLE (Zones 2-8)	<input style="width: 30px; height: 15px;" type="text"/> [1=N.C.loops]; 0=EOLR supervision																																													
*42 DIAL TONE PAUSE	<input style="width: 30px; height: 15px;" type="text"/> [0=5 seconds]; 1=11 seconds; 2=30 seconds																																													
*43 DIAL TONE DETECTION	<input style="width: 30px; height: 15px;" type="text"/> [1=wait for true dial tone]; 0=pause, then dial																																													
*44 RING DETECTION COUNT	<input style="width: 30px; height: 15px;" type="text"/> 01-14; 15=answering machine; [00=no detection]																																													
(*45) PRIMARY FORMAT	<input style="width: 30px; height: 15px;" type="text"/> [0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express																																													
(*46) LOW SPEED FORMAT (Primary)	<input style="width: 30px; height: 15px;" type="text"/> [0=Ademco Low Speed]; 1=Sescoa/Radionics																																													
(*47) SECONDARY FORMAT	<input style="width: 30px; height: 15px;" type="text"/> [0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express																																													
(*48) LOW SPEED FORMAT (Sec.)	<input style="width: 30px; height: 15px;" type="text"/> [0=Ademco Low Speed]; 1=Sescoa/Radionics																																													
*49 CHECKSUM VERIFICATION	<input style="width: 30px; height: 15px;" type="text"/> 1=yes; [0=no] <small>Prim Sec</small>																																													
*50 SESCOA/RADIONICS SELECT	<input style="width: 30px; height: 15px;" type="text"/> 1=Sescoa; [0=Radionics]																																													
*51 DUAL REPORTING	<input style="width: 30px; height: 15px;" type="text"/> 1=yes; [0=no]																																													
(*52) STANDARD/EXPANDED REPORT SELECT FOR PRIMARY	<input style="width: 60px; height: 15px;" type="text"/> [0=standard]; 1=expanded <small>alarm rest bpass trbl op/d l. bat</small> Note: Expanded overrides 4+2 format.																																													
(*53) STANDARD/EXP REPORT SELECT FOR SECONDARY	<input style="width: 60px; height: 15px;" type="text"/> [0=standard]; 1=expanded <small>alarm rest bpass trbl op/d l. bat</small> Note: Expanded overrides 4+2 format.																																													
*54-*58 ALARM REPORT CODE & ID DIGITS FOR ZONES 1-16 [All codes default to 00]	SUPERVISORY & RESTORE CODES FOR ZONES 1-16																																													
<table style="border: none;"> <tr> <th style="text-align: left;">*54 CODE</th> <th style="text-align: left;">*55 ID</th> <th style="text-align: left;">*56 CODE</th> <th style="text-align: left;">*57 ID</th> <th style="text-align: left;">*58</th> </tr> <tr> <td>1</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>9</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td><input style="width: 20px; height: 15px;" type="text"/> Alarm Restore</td> </tr> <tr> <td>2</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>10</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td><input style="width: 20px; height: 15px;" type="text"/> Trouble</td> </tr> <tr> <td>3</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>11</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td><input style="width: 20px; height: 15px;" type="text"/> TroubleRestore</td> </tr> <tr> <td>4</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>12</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td><input style="width: 20px; height: 15px;" type="text"/> Bypass</td> </tr> <tr> <td>5</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>13</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td><input style="width: 20px; height: 15px;" type="text"/> Bypass Restore</td> </tr> <tr> <td>6</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>14</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td></td> </tr> <tr> <td>7</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>15</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td></td> </tr> <tr> <td>8</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td>16</td><td><input style="width: 20px; height: 15px;" type="text"/></td><td></td> </tr> </table>	*54 CODE	*55 ID	*56 CODE	*57 ID	*58	1	<input style="width: 20px; height: 15px;" type="text"/>	9	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Alarm Restore	2	<input style="width: 20px; height: 15px;" type="text"/>	10	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Trouble	3	<input style="width: 20px; height: 15px;" type="text"/>	11	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> TroubleRestore	4	<input style="width: 20px; height: 15px;" type="text"/>	12	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Bypass	5	<input style="width: 20px; height: 15px;" type="text"/>	13	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Bypass Restore	6	<input style="width: 20px; height: 15px;" type="text"/>	14	<input style="width: 20px; height: 15px;" type="text"/>		7	<input style="width: 20px; height: 15px;" type="text"/>	15	<input style="width: 20px; height: 15px;" type="text"/>		8	<input style="width: 20px; height: 15px;" type="text"/>	16	<input style="width: 20px; height: 15px;" type="text"/>		
*54 CODE	*55 ID	*56 CODE	*57 ID	*58																																										
1	<input style="width: 20px; height: 15px;" type="text"/>	9	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Alarm Restore																																										
2	<input style="width: 20px; height: 15px;" type="text"/>	10	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Trouble																																										
3	<input style="width: 20px; height: 15px;" type="text"/>	11	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> TroubleRestore																																										
4	<input style="width: 20px; height: 15px;" type="text"/>	12	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Bypass																																										
5	<input style="width: 20px; height: 15px;" type="text"/>	13	<input style="width: 20px; height: 15px;" type="text"/>	<input style="width: 20px; height: 15px;" type="text"/> Bypass Restore																																										
6	<input style="width: 20px; height: 15px;" type="text"/>	14	<input style="width: 20px; height: 15px;" type="text"/>																																											
7	<input style="width: 20px; height: 15px;" type="text"/>	15	<input style="width: 20px; height: 15px;" type="text"/>																																											
8	<input style="width: 20px; height: 15px;" type="text"/>	16	<input style="width: 20px; height: 15px;" type="text"/>																																											



## 4140XMP PROGRAMMING FORM (3 of 6)

*59-*63 ALARM REPORT CODE & ID DIGITS FOR ZONES 17-32				SUP. & RES. CODES FOR ZONES 17-32		
	*59 CODE	*60 ID	*61 CODE	*62 ID	*63	
17	<input type="text"/>	<input type="text"/>	25	<input type="text"/>	<input type="text"/>	Alarm Restore
18	<input type="text"/>	<input type="text"/>	26	<input type="text"/>	<input type="text"/>	Trouble
19	<input type="text"/>	<input type="text"/>	27	<input type="text"/>	<input type="text"/>	TroubleRestore
20	<input type="text"/>	<input type="text"/>	28	<input type="text"/>	<input type="text"/>	Bypass
21	<input type="text"/>	<input type="text"/>	29	<input type="text"/>	<input type="text"/>	Bypass Restore
22	<input type="text"/>	<input type="text"/>	30	<input type="text"/>		
23	<input type="text"/>	<input type="text"/>	31	<input type="text"/>		
24	<input type="text"/>	<input type="text"/>	32	<input type="text"/>		

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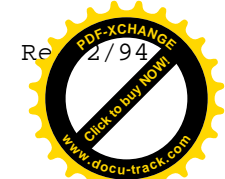
*64-*68 ALARM REPORT CODE & ID DIGITS FOR ZONES 33-48				SUP. & RES. CODES FOR ZONES 33-48		
	*64 CODE	*65 ID	*66 CODE	*67 ID	*68	
33	<input type="text"/>	<input type="text"/>	41	<input type="text"/>	<input type="text"/>	Alarm Restore
34	<input type="text"/>	<input type="text"/>	42	<input type="text"/>	<input type="text"/>	Trouble
35	<input type="text"/>	<input type="text"/>	43	<input type="text"/>	<input type="text"/>	TroubleRestore
36	<input type="text"/>	<input type="text"/>	44	<input type="text"/>	<input type="text"/>	Bypass
37	<input type="text"/>	<input type="text"/>	45	<input type="text"/>	<input type="text"/>	Bypass Restore
38	<input type="text"/>	<input type="text"/>	46	<input type="text"/>		
39	<input type="text"/>	<input type="text"/>	47	<input type="text"/>		
40	<input type="text"/>	<input type="text"/>	48	<input type="text"/>		

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*69-*73 ALARM REPORT CODE & ID DIGITS FOR ZONES 49-64				SUP. & RES. CODES ZONES 49-64		
	*69 CODE	*70 ID	*71 CODE	*72 ID	*73	
49	<input type="text"/>	<input type="text"/>	57	<input type="text"/>	<input type="text"/>	Alarm Restore
50	<input type="text"/>	<input type="text"/>	58	<input type="text"/>	<input type="text"/>	Trouble
51	<input type="text"/>	<input type="text"/>	59	<input type="text"/>	<input type="text"/>	TroubleRestore
52	<input type="text"/>	<input type="text"/>	60	<input type="text"/>	<input type="text"/>	Bypass
53	<input type="text"/>	<input type="text"/>	61	<input type="text"/>	<input type="text"/>	Bypass Restore
54	<input type="text"/>	<input type="text"/>	62	<input type="text"/>		
55	<input type="text"/>	<input type="text"/>	63	<input type="text"/>		
56	<input type="text"/>	<input type="text"/>	64	<input type="text"/>		

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*74-*78 REPORT CODES & IDs FOR 4280s & PANICS			SUP. & RES. CODES FOR 4280s & PANICS			
	*74 CODE	*75 ID	*76	*77	*78	
	<input type="text"/>	<input type="text"/>	89	<input type="text"/>	<input type="text"/>	AlarmRestore
	<input type="text"/>	<input type="text"/>	90	<input type="text"/>	<input type="text"/>	Trouble
	<input type="text"/>	<input type="text"/>	91	<input type="text"/>	<input type="text"/>	TroubleRestore
	<input type="text"/>	<input type="text"/>	DURESS	<input type="text"/>	<input type="text"/>	Bypass
	<input type="text"/>	<input type="text"/>	97	<input type="text"/>	<input type="text"/>	BypassRestore
	<input type="text"/>	<input type="text"/>	95	<input type="text"/>		
	<input type="text"/>	<input type="text"/>	96	<input type="text"/>		
88	<input type="text"/>	<input type="text"/>	99	<input type="text"/>		



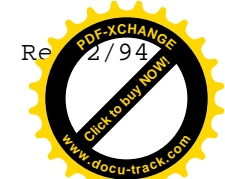
## 4140XMP PROGRAMMING FORM (4 of 6)

FIELD FUNCTION	PROGRAMMED VALUES																																		
(*79) ZONE TYPES 1-8 RESTORE ENABLE	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> <td style="text-align: center;">7</td> <td style="text-align: center;">8</td> </tr> </table>									1	2	3	4	5	6	7	8	1=enable; [0=disable]																	
1	2	3	4	5	6	7	8																												
(*80) ZONE TYPES 9 & 10 RESTORE ENABLE	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">10</td> </tr> </table>			9	10	1=enable; [0=disable]																													
9	10																																		
(*81/*82) SYSTEM NON-ALARM CODES [All codes default to 00]	<table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;">*81 First Digit</th> <th style="text-align: center;">*82 Second Digit</th> </tr> </thead> <tbody> <tr><td>Close</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Open</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Low Battery</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Low Bat Res.</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>AC Loss</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>AC Restore</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Test</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Power</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Cancel</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> <tr><td>Prog. Tamper</td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr> </tbody> </table>		*81 First Digit	*82 Second Digit	Close			Open			Low Battery			Low Bat Res.			AC Loss			AC Restore			Test			Power			Cancel			Prog. Tamper			2nd digit of each code applies only to 4+2 formats.
	*81 First Digit	*82 Second Digit																																	
Close																																			
Open																																			
Low Battery																																			
Low Bat Res.																																			
AC Loss																																			
AC Restore																																			
Test																																			
Power																																			
Cancel																																			
Prog. Tamper																																			
(*83) FIRST TEST REPORT TIME [Day 00; hour 12; min 00]	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">Days 01-07</td> <td style="text-align: center;">Hours 00-23</td> <td style="text-align: center;">Min. 00-59</td> <td colspan="3"></td> </tr> </table>							Days 01-07	Hours 00-23	Min. 00-59				00 in all boxes=instant (Day 01= Monday)																					
Days 01-07	Hours 00-23	Min. 00-59																																	
(*84) SWINGER SUPPRESSION	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">01-15</td> <td style="text-align: center;">alarms [03]</td> </tr> </table>			01-15	alarms [03]																														
01-15	alarms [03]																																		
*86 ZONE EXPANDER TYPE SELECT	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">1</td> </tr> </table>		1	1=only one 4208 installed for zones 10-17; [0=more than one 4208 or other devices]																															
1																																			
*87 ENTRY WARNING	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">1</td> </tr> </table>		1	[1=continuous]; 0=3 beeps																															
1																																			
*88 BURGL. ALARM COMM. DELAY	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">1</td> </tr> </table>		1	1=16 seconds; [0=no delay]																															
1																																			
*90 SEC. SUBSCRIBER ACCT. No.	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">00-09</td> <td style="text-align: center;">B-F</td> <td style="text-align: center;">11-15</td> <td colspan="4"></td> </tr> <tr> <td style="text-align: center;">[15 15 15 15]</td> <td colspan="3"></td> <td colspan="4"></td> </tr> </table>									00-09	B-F	11-15					[15 15 15 15]								Enter 00-09; B-F for 11-15 [15 15 15 15]										
00-09	B-F	11-15																																	
[15 15 15 15]																																			

**THIS ENDS THE FIRST SET OF PROGRAMMING FIELDS**

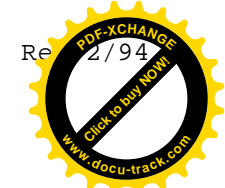
TO ACCESS THE SECOND SET OF PROGRAMMING FIELDS, PRESS \*94. Although numbered from 00 to 53, these fields are not the same fields as 00 to 53 listed previously, and are identified in this manual as fields 1\*00 to 1\*53 where the leading "1" is not keyed. To return to the first set of programming fields, press \*99.

FIELD FUNCTION	PROGRAMMED VALUES																																									
(1*00) OPENCLOSE REPORTING ENABLE BY USERS 17-22	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">17</td> <td style="text-align: center;">18</td> <td style="text-align: center;">19</td> <td style="text-align: center;">20</td> <td style="text-align: center;">21</td> <td style="text-align: center;">22</td> <td style="text-align: center;">23-70</td> <td></td> </tr> </table>									17	18	19	20	21	22	23-70		1=enable; [0=disable] See fields *39 & *40 for other users																								
17	18	19	20	21	22	23-70																																				
1*01-1*05 ASSIGN RESPONSE TYPES FOR ZONES 28-64; See fields *02-*05 for zones 1-27																																										
FOR ZONES 28-32	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">28</td> <td style="text-align: center;">29</td> <td style="text-align: center;">30</td> <td style="text-align: center;">31</td> <td style="text-align: center;">32</td> </tr> </table>						28	29	30	31	32	See table on page 1																														
28	29	30	31	32																																						
FOR ZONES 33-40	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">33</td> <td style="text-align: center;">34</td> <td style="text-align: center;">35</td> <td style="text-align: center;">36</td> <td style="text-align: center;">37</td> <td style="text-align: center;">38</td> <td style="text-align: center;">39</td> <td style="text-align: center;">40</td> </tr> </table>									33	34	35	36	37	38	39	40																									
33	34	35	36	37	38	39	40																																			
FOR ZONES 41-48	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">41</td> <td style="text-align: center;">42</td> <td style="text-align: center;">43</td> <td style="text-align: center;">44</td> <td style="text-align: center;">45</td> <td style="text-align: center;">46</td> <td style="text-align: center;">47</td> <td style="text-align: center;">48</td> </tr> </table>									41	42	43	44	45	46	47	48																									
41	42	43	44	45	46	47	48																																			
ZONES 49-56	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">49</td> <td style="text-align: center;">50</td> <td style="text-align: center;">51</td> <td style="text-align: center;">52</td> <td style="text-align: center;">53</td> <td style="text-align: center;">54</td> <td style="text-align: center;">55</td> <td style="text-align: center;">56</td> </tr> </table>									49	50	51	52	53	54	55	56																									
49	50	51	52	53	54	55	56																																			
ZONES 57-64	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">57</td> <td style="text-align: center;">58</td> <td style="text-align: center;">59</td> <td style="text-align: center;">60</td> <td style="text-align: center;">61</td> <td style="text-align: center;">62</td> <td style="text-align: center;">63</td> <td style="text-align: center;">64</td> </tr> </table>									57	58	59	60	61	62	63	64																									
57	58	59	60	61	62	63	64																																			
1*08 FOR 4280 RECEIVER FAULT	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>																					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	88 2nd 4280
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
1*09 FOR 4280 FAULTS	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> <td style="width: 20px; height: 20px;"></td> </tr> <tr> <td style="text-align: center;">89</td> <td style="text-align: center;">90</td> <td style="text-align: center;">91</td> </tr> <tr> <td style="text-align: center;">2nd 4280</td> <td style="text-align: center;">1st 4280</td> <td style="text-align: center;">1st 4280</td> </tr> </table>				89	90	91	2nd 4280	1st 4280	1st 4280	88 & 90= 4280 not receiving transmitter signals. 89 & 91= 4280 not responding; bad connection to panel																															
89	90	91																																								
2nd 4280	1st 4280	1st 4280																																								



## 4140XMP PROGRAMMING FORM (5 of 6)

FIELD FUNCTION	PROGRAMMED VALUES																
<b>1*10-1*13 DESIGNATE RIGHT LOOP FOR ZONES 33-64; See fields *06-*08 for zones 1-32; 1=yes; [0=no]</b>																	
FOR ZONES 33-40	1*10 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr></table>									33	34	35	36	37	38	39	40
33	34	35	36	37	38	39	40										
FOR ZONES 41-48	1*11 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td></tr></table>									41	42	43	44	45	46	47	48
41	42	43	44	45	46	47	48										
FOR ZONES 49-56	1*12 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td></tr></table>									49	50	51	52	53	54	55	56
49	50	51	52	53	54	55	56										
FOR ZONES 57-64	1*13 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td></tr></table>									57	58	59	60	61	62	63	64
57	58	59	60	61	62	63	64										
<b>1*18-1*25 SELECTION OF WIRELESS FOR ZONES 1-63; 1=yes; [0=no]</b>																	
FOR ZONES 1-8	1*18 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td></tr></table>									1	2	3	4	5	6	7	8
1	2	3	4	5	6	7	8										
FOR ZONES 9-16	1*19 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td></tr></table>									9	10	11	12	13	14	15	16
9	10	11	12	13	14	15	16										
FOR ZONES 17-24	1*20 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr></table>									17	18	19	20	21	22	23	24
17	18	19	20	21	22	23	24										
FOR ZONES 25-32	1*21 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td></tr></table>									25	26	27	28	29	30	31	32
25	26	27	28	29	30	31	32										
FOR ZONES 33-40	1*22 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td></tr></table>									33	34	35	36	37	38	39	40
33	34	35	36	37	38	39	40										
FOR ZONES 41-48	1*23 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td></tr></table>									41	42	43	44	45	46	47	48
41	42	43	44	45	46	47	48										
FOR ZONES 49-56	1*24 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td></tr></table>									49	50	51	52	53	54	55	56
49	50	51	52	53	54	55	56										
FOR ZONES 57-63	1*25 <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td></tr></table>								57	58	59	60	61	62	63		
57	58	59	60	61	62	63											
1*26 FIRST 4280 RF EXPANDER SELECT	<input type="checkbox"/> 1=yes; [0=no]																
1*27 SECOND 4280 RF EXPANDER SELECT	<input type="checkbox"/> 1=yes; [0=no]																
1*28 RF TRANSMITTER LOW BATTERY ANNUNCIATION	<input type="checkbox"/> 1=immediate; [0=when disarmed]																
1*29 RF TRANSMITTER LOW BATTERY REPORT ENABLE	<input type="checkbox"/> 1=enable; [0=disable]																
1*30 4280 SUPERVISION CHECK-IN INTERVAL	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> 02-15 times 2 hours; 00 disables 4280 supervision [06]																
1*31 RF TRANSMITTER CHECK-IN INTERVAL	<input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/> 02-15 times 2 hours; 00 disables transmitter supervision [12]																



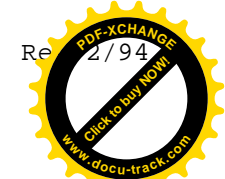
## 4140XMP PROGRAMMING FORM (6 of 6)

FIELD	FUNCTION	PROGRAMMED VALUES
1*33	TOUCHTONE DIAL W/ROTARY BACK-UP ENABLE	<input type="checkbox"/> 1=enable; [0=disable]
1*34	COMMUNICATOR SPLIT REPORT SELECTION	<input type="checkbox"/> [0=no]; 1=alarms primary, others secondary; 2=open/close, test secondary, others primary
1*44	WIRELESS KEYPAD TAMPER DETECT ENABLE	<input type="checkbox"/> 1=enable; [0=disable]
1*45	ENABLE CONSOLE ANNUN. DURING EXIT DELAY	<input type="checkbox"/> 1=enable; [0=disable]
1*46	AUXILIARY OUTPUT ENABLE	<input type="checkbox"/> [0=ground start]; 1=open/close trigger; 2=console sounding
1*47	ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER	<input type="checkbox"/> 1=enable; [0=disable]
1*48	WIRELESS KEYPAD DISABLE	<input type="checkbox"/> 1=disable; [0=enable]
1*49	DISABLE TROUBLE SOUNDER FOR RF SUPERVISION	<input type="checkbox"/> [1=disable]; 0=enable
1*50	BABYSITTER CODE ENABLE	<input type="checkbox"/> 1=enable; [0=disable]; Applies to User 22 only
(1*52)	CANCEL REPORT RESTRICTION	<input type="checkbox"/> 1=no restriction; [0=within Bell Timeout period only]
(1*53)	DOWNLOAD CALLBACK	<input type="checkbox"/> 1=callback not required; [0=callback required]
(1*54)	SECURITY CODE MODE	<input type="checkbox"/> 1=6-digit high security; [0=4-digit normal]

**THIS ENDS THE SECOND SET OF PROGRAMMING FIELDS**

**TO EXIT PROGRAMMING MODE, PRESS \*99 OR \*98:**  
 \*99 allows re-access to programming mode by installer code.  
 \*98 prevents re-access to programming mode by installer code.

NOTE: The following fields are not used: \*20, \*25, \*85, \*89, 1\*06, 1\*07, 1\*14-1\*17, 1\*32, 1\*35-1\*43, 1\*51.



## 4140XMPT PROGRAMMING MODE (1 of 4)

Refer to the Installation Instruction's INDEX OF PROGRAMMING FIELDS for numerical list of program fields. Standard default values are shown in brackets [ ], otherwise default = 0. Fields shown in italics can be programmed using the #93 Menu mode. Parentheses ( ) around a field number indicate differences from 4140xmp programming fields.

### SECURITY ACCESS OPTIONS

**\*00** INSTALLER CODE     **(\*15)** KEYSWITCH ASSIGNMENT   
Enter 4 digits, 0-9 [4140] Enter partition in which keyswitch used, 1-8; [0=disable]

ASSIGN RESPONSE TYPE FOR ZONES (Enter 00-10; see Response Types box below)										
*02	*03	*04	*05	1*01	1*02	1*03	1*04	1*05	1*08	
1 <input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>	28 <input type="text"/>	33 <input type="text"/>	41 <input type="text"/>	49 <input type="text"/>	57 <input type="text"/>	88 <input type="text"/>	2nd RCVR
2 <input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>	29 <input type="text"/>	34 <input type="text"/>	42 <input type="text"/>	50 <input type="text"/>	58 <input type="text"/>	89 <input type="text"/>	2nd RCVR
3 <input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>	30 <input type="text"/>	35 <input type="text"/>	43 <input type="text"/>	51 <input type="text"/>	59 <input type="text"/>	90 <input type="text"/>	1st RCVR
4 <input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0/0 <input type="text"/>	31 <input type="text"/>	36 <input type="text"/>	44 <input type="text"/>	52 <input type="text"/>	60 <input type="text"/>	91 <input type="text"/>	1st RCVR
5 <input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/>	32 <input type="text"/>	37 <input type="text"/>	45 <input type="text"/>	53 <input type="text"/>	61 <input type="text"/>	Use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as troubles (type 5). Enter 00 if no announcement is desired.	
6 <input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/>	(1+0) <input type="text"/>	38 <input type="text"/>	46 <input type="text"/>	54 <input type="text"/>	62 <input type="text"/>		
7 <input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/>	(3+0) <input type="text"/>	39 <input type="text"/>	47 <input type="text"/>	55 <input type="text"/>	63 <input type="text"/>		
8 <input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/>	(8+0) <input type="text"/>	40 <input type="text"/>	48 <input type="text"/>	56 <input type="text"/>	64 <input type="text"/>		

NOTES: 97 = Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

RESPONSE TYPES: 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire; 10 = Interior, Delay;

### DESIGNATE RIGHT LOOP FOR MULTIPLEX EXPANSION 1=yes; [0=no]

*06 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*10 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 10	11	12	13	14	15	16	17	ZONES: 33	34	35	36	37	38	39	40
*07 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*11 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 17	18	19	20	21	22	23	24	ZONES: 41	42	43	44	45	46	47	48
*08 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*12 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 25	26	27	28	29	30	31	32	ZONES: 49	50	51	52	53	54	55	56
*24 4190WH TAMPER DISABLE <input type="checkbox"/>	1=disable; [0=enable]							1*13 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*86 ZONE EXPANDER DEVICE <input type="checkbox"/>	1=only one 4208 installed for zones 10-17; [0=more than one 4208 or other devices]							ZONES: 57	58	59	60	61	62	63	64

### SELECTION OF WIRELESS FOR ZONES 1-63

Enter "1" to enable a zone as wireless; 0=non-wireless

1*18 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 1	2	3	4	5	6	7	8
1*19 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 9	10	11	12	13	14	15	16
1*20 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 17	18	19	20	21	22	23	24
1*21 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 25	26	27	28	29	30	31	32
1*22 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 33	34	35	36	37	38	39	40
1*23 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 41	42	43	44	45	46	47	48
1*24 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 49	50	51	52	53	54	55	56
1*25 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 57	58	59	60	61	62	63	

### MISCELLANEOUS WIRELESS OPTIONS

- 1\*26 FIRST RF RECEIVER SELECT  1=yes; [0=no]
- 1\*27 SECOND RF RECEIVER SELECT  1=yes; [0=no]
- 1\*28 RF TRANSMITTER LOW  1=immediate; [0=when alarmed]  
BATTERY ANNUN. Must be "1" for UL
- 1\*29 RF TRANSMITTER LOW  1=enable; [0=disable]  
BATTERY REPORT ENABLE Must be "1" for UL
- 1\*30 RF RECEIVER SUPERVISION   
CHECK-IN INTERVAL 02-15 times 2 hours;  
00 disables supervision [6] Max. "6" (12 hr) for UL
- 1\*31 RF TRANSMITTER   
CHECK-IN INTERVAL 02-15 times 2 hours;  
00 disables transmitter supervision [12] Max. "8" (12 hr) for UL
- 1\*44 WIRELESS KEYPAD   
TAMPER DETECT ENABLE 1=enable; [0=disable]
- (1\*48) WIRELESS KEYPAD ASSIGNMENT   
0=disable; enter partition in which RF keypad used, 1-8.
- 1\*49 DISABLE TROUBLE SOUNDER   
FOR RF SUPERVISION [1=disable; 0=enable. Must be "0" for UL.

### AC LOSS OPTIONS

- \*17 AC POWER LOSS SOUNDING  1=yes; [0=no]
- \*18 AC POWER LOSS ALARM  1=yes; [0=no]
- \*19 AC RANDOMIZE  1=randomize 10-40 min.; [0=no]
- \*28 POWER UP IN PREVIOUS STATE   
(1=yes; 0=no; "1" for UL.

### 4140XMPT PROGRAMMING MODE (2 of 4)

#### MISCELLANEOUS SYSTEM OPTIONS

- \*14 ZONE 9 FAST/SLOW RESP  1-fast; 2-slow; \* for UL
- \*21 DISABLE FIRE TIME-OUT  1-no timeout; 2-fire timeout
- (\*25) BURGLARY TRIGGER FOR  1-enabled; 0-disable  
ZONE RESPONSE TYPE 8
- \*41 EOLR DISABLE (Zones 2-8)   
[1=N.C. loop; 0=EOLR supervisor; Must be \* for UL]
- 1\*46 AUXILIARY OUTPUT ENABLE   
[0-ground start; 1-open/close trigger; 2-console sounding]

#### TEST TIMER OPTIONS

- \*26 INTELLIGENT TEST REPORTING  Set \* for UL  
1=yes; (no report sent if any other report was recently sent); [0=no]
- \*27 TEST REPORT INTERVAL   
Enter interval in hours, 001-199; 000=no report (024); Max. 024 for UL.
- \*83 FIRST TEST REPORT TIME   
[Day 00; hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59;  
00 in all boxes=instart (Day 01= Monday)
- (\*89) RESTORE REPORT TIMING   
[0=instart]; 1=at bell timeout; 2=at disarm

#### PHONE LINE & COMMUNICATION OPTIONS

- \*30 TOUCH-TONE OR ROTARY DIAL  1=TouchTone; [0=rotary]
- \*31 PABX ACCESS CODE   
00-09; B-F (11-15)
- 1\*33 TOUCH-TONE W/ROTARY BACKUP ENABLE  1=enable; [0-disable]
- \*33 PRIMARY PHONE NUMBER   
Enter 0-9 for each digit
- \*34 SECONDARY PHONE NUMBER   
Enter 0-9 for each digit
- \*42 DIAL TONE PAUSE   
[0=5 seconds; 1=11 seconds; 2=30 seconds; Must be \* for UL]
- \*43 DIAL TONE DETECTION   
[1=wait for true dial tone; 0=pass; then dial]
- \*45 PRIMARY FORMAT   
[0=Low Speed; 1=Compact ID; 2=Ademco High Speed; 3=Ademco Express]
- \*46 LOW SPEED FORMAT (Primary)   
[0=Ademco Low Speed; 1=Seccom/Radianics]
- \*47 SECONDARY FORMAT   
[0=Low Speed; 1=Compact ID; 2=Ademco High Speed; 3=Ademco Express]
- \*48 LOW SPEED FORMAT (Sec.)   
[0=Ademco Low Speed; 1=Seccom/Radianics]
- \*49 CHECKSUM VERIFICATION    
1=yes; [0=no] Primary Secondary
- \*50 SESCOA/RADIONICS SELECT  1=Seccom; [0=Radionics]
- \*51 DUAL REPORTING   
1=yes; [0=no] If used with Split Reporting "1" option (1\*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.
- 1\*34 COMM. SPLIT REPORT SELECTION   
[0=no]; 1=alarms primary, others secondary;  
2=open/close, test secondary, others primary; See \*51 for comments.
- \*52 STANDARD/EXPANDED REPORT FOR PRIMARY   
Alarm Rstr Bypass Trbl Opn/Cls Low Bat  
[0-standard]; 1-expanded; Note: Expanded overrides 4+2 format.
- \*53 STANDARD/EXPANDED REPORT FOR SECONDARY   
Alarm Rstr Bypass Trbl Opn/Cls Low Bat  
[0-standard]; 1-expanded; Note: Expanded overrides 4+2 format.

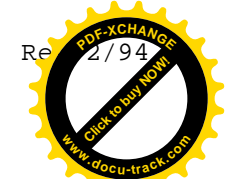
#### DOWNLOADING OPTIONS

- \*35 DOWNLOAD PHONE No.   
Enter 0-9 for each digit
- \*36 DOWNLOAD ID No.   
Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15]
- \*37 DOWNLOAD COMMAND ENABLES    0      
[1=enable; 0=disable]   
See field 1\*53 for Callback disable option  
For UL installations, Upload & Download must be enabled. All others must be disabled.  
Dialer Shutdown System Shutdown Not Used Remote Bypass Remote Disarm Remote Arm Upload Program Download Program
- \*44 RING DETECTION COUNT  1\*53 DOWNLOAD CALLBACK   
01-14; 15=answering machine; [0=no detection] 1=callback not required; [0=callback required]; Must be \* for UL.

#### PARTITIONED SYSTEM PROGRAMMING FIELDS

- (2\*00) NUMBER OF PARTITIONS  Enter 1-8 [1] (2\*19) USE PARTITION DESCRIPTORS  [0-disable]; 1=enable
- NUMBER OF CODES PER PARTITION (2\*17)   
Enter 01-99. Total must be less than or equal to 128. (Default=80 in part. 1; 01 in all other partitions)
- ASSIGN ZONES TO A PARTITION Enter 1-8

(2*01)	(2*02)	(2*03)	(2*04)	(2*05)	(2*06)	(2*07)	(2*08)
1	9	17	25	33	41	49	57
2	10	18	26	34	42	50	58
3	11	19	27	35	43	51	59
4	12	20	28	36	44	52	60
5	13	21	29	37	45	53	61
6	14	22	30	38	46	54	62
7	15	23	31	39	47	55	63
8	16	24	32	40	48	56	64



## 4140XMPT PROGRAMMING MODE (3 of 4)

**ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPV. & RESTORE CODES** (All codes default to 00)

*54 CODE	*55 ID	*56 CODE	*57 ID	*58	*59 CODE	*60 ID	*61 CODE	*62 ID	*63
1		9		Alarm Rst.	17		25		Alarm Rst.
2		10		Trouble	18		26		Trouble
3		11		Trble Rst.	19		27		Trble Rst.
4		12		Bypass	20		28		Bypass
5		13		Bypas Rst.	21		29		Bypas Rst.
6		14			22		30		
7		15			23		31		
8		16			24		32		

**ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPERV. & RESTORE CODES** (All codes default to 00)

*64 CODE	*65 ID	*66 CODE	*67 ID	*68	*69 CODE	*70 ID	*71 CODE	*72 ID	*73
33		41		Alarm Rst.	49		57		Alarm Rst.
34		42		Trouble	50		58		Trouble
35		43		Trble Rst.	51		59		Trble Rst.
36		44		Bypass	52		60		Bypass
37		45		Bypas Rst.	53		61		Bypas Rst.
38		46			54		62		
39		47			55		63		
40		48			56		64		

**ALARM REPORT CODE & ID DIGITS FOR RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES**  
(All codes default to 00)

*74 CODE	*75 ID	*76	*78
88			Alarm Rst.
			Trouble
89			Trble Rst.
90			Bypass
91			Bypas Rst.
			Duress
97			Poll loop short
95		(1 + #)	
96		(3 + #)	
99		(# + #)	

NOTES: 97 = Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

**SYSTEM NON ALARM CODES**

	*81 First Digit	*82 Second Digit
Close		
Open		
Low Battery		
Low Bat Res		
AC Loss		
AC Restore		
Test		
Power		
Cancel		
Prog. Tamp.		

Second digit of each code applies only to 4+2 or expanded (fields \*62 & \*63) formats.

**ZONE TYPE RESTORE ENABLES** 1=enable; [0]=disable

\*79 ZONE TYPES 1-8      \*80 TYPES 9&10

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

**OPEN/CLOSE REPORTING FOR KEYSWITCH**  
(\*40)  1=enable; [0]=disable

**EVENT LOGGING FIELDS**  
(Real time clock must be set-code + [#] + 63)

(1\*70) EVENT LOG TYPES       
1=enable logging; 0=disable    Alm    Chk    Byp    OC    Systm

(1\*71) 12/24 HOUR TIME STAMP FORMAT   
[0]=12 hour; 1=24 hour

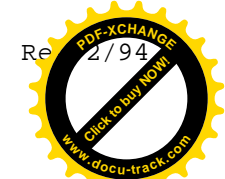
(1\*72) EVENT LOG PRINTER ON-LINE   
[0]=disable; 1=enable

(1\*73) PRINTER BAUD RATE  1=300; [0]=1200

**EVENT LOGGING DIALER CODES**

	1*40 First Digit	1*41 Second Digit
Armed STAY		
Time/Date set or event log reset		
Event log 50% & 90% full		
Event log overflow		





## 4140XMPT PROGRAMMING MODE (4 of 4)

### PARTITION-SPECIFIC PROGRAM FIELDS

(Duplicate this page for the partitions used in the installation.)

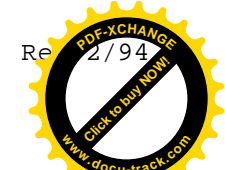
To program these fields, enter a partition-specific field number.

To select the next partition, press \*91.

To return to the global program fields, press \*99.

PARTITION #	PROGRAM FIELDS
*09	ENTRY DELAY #1 <input type="text"/> <input type="text"/> [02] (00-15 times 15 seconds)
*10	EXIT DELAY #1 <input type="text"/> <input type="text"/> [03] (00-15 times 15 seconds)
*11	ENTRY DELAY #2 <input type="text"/> <input type="text"/> [04] (00-15 times 15 seconds)
*12	EXIT DELAY #2 <input type="text"/> <input type="text"/> [05] (00-15 times 15 seconds)
*13	ALARM SOUNDER DURATION <input type="text"/> <input type="text"/> 01-15 times 2 minutes [04]. Minimum 4 minutes for UL.
*16	CONFIRMATION OF ARMING DING <input type="checkbox"/> 1=enable; [0=disable]
*22	CONSOLE PANIC ENABLES <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1=enable; 0=disable [0-0-1]      95 96 99
*23	MULTIPLE ALARMS <input type="checkbox"/> [1=yes]; 0=no
*29	QUICK ARM <input type="checkbox"/> [1=yes]; 0=no
*32	PRIMARY SUBSCRIBER ACCT # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 00-09; B-F (11-15) [15 15 15 15]
*38	INHIBIT BYPASS OF A ZONE <input type="checkbox"/> 01-31; [00 if all zones (except Fire zones) can be bypassed]
*39	ENABLE OPEN/CLOSE REPORT FOR INSTALLER CODE <input type="checkbox"/> 1=enable; [0=disable]
*84	SWINGER SUPPRESSION <input type="text"/> <input type="text"/> 01-15 alarms [15]; Must be "00" (disabled) for UL.
*85	ENABLE DIALER REPORTS FOR PANICS & DURESS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 95 96 99 Duress 1=enable; [0=disable]
*87	ENTRY WARNING <input type="checkbox"/> [1=continuous]; 0-3 beeps
*88	BURG. ALARM COMM. DELAY <input type="text"/> <input type="text"/> 1=15 seconds; [0=no delay]
*90	SECONDARY SUBSCRIBER ACCT # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 00-09; B-F (11-15) [15 15 15 15]
1*43	ENABLE PERM. BACKLIGHT <input type="checkbox"/> 1=enable; [0=disable]
1*45	ENABLE CONSOLE ANNUN. DURING EXIT DELAY <input type="checkbox"/> 1=enable; [0=disable]
1*47	ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER <input type="checkbox"/> 1=enable; [0=disable]
1*52	CANCEL REPORT RESTRICTION <input type="checkbox"/> 1=no restriction; [0=within Bell Timeout period only]
2*18	ENABLE GOTO FOR THIS PARTITION <input type="checkbox"/> 1=enable; [0=disable]

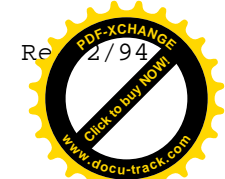
PARTITION #	PROGRAM FIELDS
*09	ENTRY DELAY #1 <input type="text"/> <input type="text"/> [02] (00-15 times 15 seconds)
*10	EXIT DELAY #1 <input type="text"/> <input type="text"/> [03] (00-15 times 15 seconds)
*11	ENTRY DELAY #2 <input type="text"/> <input type="text"/> [06] (00-15 times 15 seconds)
*12	EXIT DELAY #2 <input type="text"/> <input type="text"/> [08] (00-15 times 15 seconds)
*13	ALARM SOUNDER DURATION <input type="text"/> <input type="text"/> 01-15 times 2 minutes [04]. Minimum 4 minutes for UL.
*16	CONFIRMATION OF ARMING DING <input type="checkbox"/> 1=enable; [0=disable]
*22	CONSOLE PANIC ENABLES <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1=enable; 0=disable [0-0-1]      95 96 99
*23	MULTIPLE ALARMS <input type="checkbox"/> [1=yes]; 0=no
*29	QUICK ARM <input type="checkbox"/> [1=yes]; 0=no
*32	PRIMARY SUBSCRIBER ACCT # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 00-09; B-F (11-15) [15 15 15 15]
*38	INHIBIT BYPASS OF A ZONE <input type="checkbox"/> 01-31; [00 if all zones (except Fire zones) can be bypassed]
*39	ENABLE OPEN/CLOSE REPORT FOR INSTALLER CODE <input type="checkbox"/> 1=enable; [0=disable]
*84	SWINGER SUPPRESSION <input type="text"/> <input type="text"/> 01-15 alarms [15]; Must be "00" (disabled) for UL.
*85	ENABLE DIALER REPORTS FOR PANICS & DURESS <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 95 96 99 Duress 1=enable; [0=disable]
*87	ENTRY WARNING <input type="checkbox"/> [1=continuous]; 0-3 beeps
*88	BURG. ALARM COMM. DELAY <input type="text"/> <input type="text"/> 1=15 seconds; [0=no delay]
*90	SECONDARY SUBSCRIBER ACCT # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 00-09; B-F (11-15) [15 15 15 15]
1*43	ENABLE PERM. BACKLIGHT <input type="checkbox"/> 1=enable; [0=disable]
1*45	ENABLE CONSOLE ANNUN. DURING EXIT DELAY <input type="checkbox"/> 1=enable; [0=disable]
1*47	ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER <input type="checkbox"/> 1=enable; [0=disable]
1*52	CANCEL REPORT RESTRICTION <input type="checkbox"/> 1=no restriction; [0=within Bell Timeout period only]
2*18	ENABLE GOTO FOR THIS PARTITION <input type="checkbox"/> 1=enable; [0=disable]



## 4140XMPT2 PROGRAMMING FORM (1 of 5)

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (\*97) values are shown in brackets [ ], otherwise default = 0. Fields bordered by dotted line can be programmed using the #93 Menu mode.

<p><b>*00 INSTALLER CODE</b> <span style="float: right;">[ ][ ][ ][ ]</span> Enter 4 digits, 0-9 [4140]</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p><b>ASSIGN RESPONSE TYPE FOR ZONES</b> (Enter 00-10; see Response Types below) see fields 1*01-1*09 to program response types for zones 28-37.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 25%;">'02</th> <th style="width: 25%;">'03</th> <th style="width: 25%;">'04</th> <th style="width: 25%;">'05</th> </tr> </thead> <tbody> <tr><td>1 [ ][ ]</td><td>9 [ ][ ]</td><td>17 [ ][ ]</td><td>25 [ ][ ]</td></tr> <tr><td>2 [ ][ ]</td><td>10 [ ][ ]</td><td>18 [ ][ ]</td><td>26 [ ][ ]</td></tr> <tr><td>3 [ ][ ]</td><td>11 [ ][ ]</td><td>19 [ ][ ]</td><td>27 [ ][ ]</td></tr> <tr><td>4 [ ][ ]</td><td>12 [ ][ ]</td><td>20 [ ][ ]</td><td>0 0</td></tr> <tr><td>5 [ ][ ]</td><td>13 [ ][ ]</td><td>21 [ ][ ]</td><td>97 [ ][ ] polling loop short</td></tr> <tr><td>6 [ ][ ]</td><td>14 [ ][ ]</td><td>22 [ ][ ]</td><td>95 [ ][ ] (1+* panic)</td></tr> <tr><td>7 [ ][ ]</td><td>15 [ ][ ]</td><td>23 [ ][ ]</td><td>96 [ ][ ] (3+ # panic)</td></tr> <tr><td>8 [ ][ ]</td><td>16 [ ][ ]</td><td>24 [ ][ ]</td><td>99 [ ][ ] (*+ # panic)</td></tr> </tbody> </table> <p><b>RESPONSE TYPES:</b> 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire; 10 = Interior, Delay; 20 = arm stay; 21 = arm away; 22 = disarm; 23= no alarm response</p> </div> <p><b>*09 ENTRY DELAY #1</b> [ ][ ]</p> <p><b>*10 EXIT DELAY #1</b> [ ][ ]</p> <p><b>*11 ENTRY DELAY #2</b> [ ][ ]</p> <p><b>*12 EXIT DELAY #2</b> [ ][ ]</p> <p><b>*13 ALARM SOUNDER DURATION</b> [ ][ ]</p> <p><b>*14 ZONE 9 FAST/SLOW RESPONSE</b> [ ][ ] 1=fast; [0=slow]; *0 for UL.</p> <p><b>*15 KEYSWITCH ASSIGNMENT</b> [ ][ ] Enter partition in which keyswitch used, 1-8; [0=disable]</p> <p><b>*16 CONFIRMATION OF ARMING DING</b> [ ][ ]</p> <p><b>*17 AC POWER LOSS SOUNDING</b> [ ][ ] 1=yes; [0=no]</p> <p><b>*18 AC POWER LOSS ALARM</b> [ ][ ] 1=yes; [0=no]</p> <p><b>*19 AC RANDOMIZE</b> [ ][ ] 1=randomize 10-40 min.; [0=no]</p> <p><b>*21 DISABLE FIRE TIME-OUT</b> [ ][ ] 1=no timeout; [0=fire timeout]</p> <p><b>*22 CONSOLE PANIC ENABLES</b> [95] [95] [99]</p> <p><b>*23 MULTIPLE ALARMS</b> [ ][ ]</p> <p><b>*24 EXPANSION ZONE (RF, RPM) TAMPER DISABLE</b> [ ][ ] 1-disable; [0=enable]</p> <p><b>*25 BURGL. TRIGGER FOR RESPONSE TYPE 8</b> [ ][ ] [1=enable]; 0=disable</p> <p><b>*26 INTELLIGENT TEST REPORTING</b> [ ][ ] Set *0 for UL 1=yes, (no report sent if any other report was recently sent); [0=no]</p> <p><b>*27 TEST REPORT INTERVAL</b> [024] [ ][ ][ ] Enter interval in hours, 001-199; 000=no report; Max. 024 for UL.</p> <p><b>*28 POWER UP IN PREVIOUS STATE</b> [ ][ ] [1=yes] 0=no; *1 for UL.</p>	'02	'03	'04	'05	1 [ ][ ]	9 [ ][ ]	17 [ ][ ]	25 [ ][ ]	2 [ ][ ]	10 [ ][ ]	18 [ ][ ]	26 [ ][ ]	3 [ ][ ]	11 [ ][ ]	19 [ ][ ]	27 [ ][ ]	4 [ ][ ]	12 [ ][ ]	20 [ ][ ]	0 0	5 [ ][ ]	13 [ ][ ]	21 [ ][ ]	97 [ ][ ] polling loop short	6 [ ][ ]	14 [ ][ ]	22 [ ][ ]	95 [ ][ ] (1+* panic)	7 [ ][ ]	15 [ ][ ]	23 [ ][ ]	96 [ ][ ] (3+ # panic)	8 [ ][ ]	16 [ ][ ]	24 [ ][ ]	99 [ ][ ] (*+ # panic)	<p><b>*29 QUICK ARM</b> [ ][ ]</p> <p><b>*30 TOUCH-TONE OR ROTARY DIAL</b> [ ][ ] 1=TouchTone; [0=rotary]</p> <p><b>*31 PABX ACCESS CODE</b> [ ][ ][ ][ ][ ][ ] 00-09; B-F (11-15)</p> <p><b>*32 PRIM. SUBS. ACCT #</b> [ ][ ][ ][ ][ ][ ][ ][ ]</p> <p><b>*33 PRIMARY PHONE NUMBER</b> [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] Enter 0-9 for each digit</p> <p><b>*34 SECONDARY PHONE NUMBER</b> [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] Enter 0-9 for each digit</p> <p><b>*35 DOWNLOAD PHONE No.</b> [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] Enter 0-9 for each digit</p> <p><b>*36 DOWNLOAD ID No.</b> [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ][ ] Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]</p> <p><b>*37 DOWNLOAD COMMAND ENABLES</b> [ ][ ][ 0 ][ ][ ][ ][ ][ ][ ] Dialer System Not Remote Remote Remote Upload Shutdown Shutdown Used Bypass Disarm Arm Program See field 1*53 for Callback disable option; [1=enable]; 0=disable; For UL installations, all options must be disabled.</p> <p><b>*38 INHIBIT BYPASS OF A ZONE</b> [ ][ ]</p> <p><b>*39 OPEN/CLOSE REPORT FOR INSTALLER</b> [ ][ ]</p> <p><b>*40 OPEN/CLOSE REPORTING FOR KEYSWITCH</b> [ ][ ] 1=enable; [0=disable]</p> <p><b>*41 EOLR DISABLE (Zones 2-8)</b> [ ][ ] [1=N.C.loops]; 0=EOLR supervision; Must be *0 for UL.</p> <p><b>*42 DIAL TONE PAUSE</b> [ ][ ] [0=5 seconds]; 1=11 seconds; 2=30 seconds; Must be *0 for UL.</p> <p><b>*43 DIAL TONE DETECTION</b> [ ][ ] [1=wait for true dial tone]; 0=pause, then dial</p> <p><b>*44 RING DETECTION COUNT</b> [ ][ ] 01-14; 15=answering machine; [00=no detection]</p> <p><b>*45 PRIMARY FORMAT</b> [ ][ ] [0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express</p> <p><b>*46 LOW SPEED FORMAT (Primary)</b> [ ][ ] [0=Ademco Low Speed]; 1=Sescoa/Radionics</p> <p><b>*47 SECONDARY FORMAT</b> [ ][ ] [0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express</p> <p><b>*48 LOW SPEED FORMAT (Sec.)</b> [ ][ ] [0=Ademco Low Speed]; 1=Sescoa/Radionics</p> <p><b>*49 CHECKSUM VERIFICATION</b> [ ][ ][ ][ ] 1=yes; [0=no] Prim Scndry</p> <p><b>*50 SESCOA/RADIONICS SELECT</b> [ ][ ] 1=Sescoa; [0=Radionics]</p> <p><b>*51 DUAL REPORTING</b> [ ][ ] 1=yes; [0=no] If used with Split Reporting "1" option (1*34), alarms go to both primary &amp; secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.</p>
'02	'03	'04	'05																																		
1 [ ][ ]	9 [ ][ ]	17 [ ][ ]	25 [ ][ ]																																		
2 [ ][ ]	10 [ ][ ]	18 [ ][ ]	26 [ ][ ]																																		
3 [ ][ ]	11 [ ][ ]	19 [ ][ ]	27 [ ][ ]																																		
4 [ ][ ]	12 [ ][ ]	20 [ ][ ]	0 0																																		
5 [ ][ ]	13 [ ][ ]	21 [ ][ ]	97 [ ][ ] polling loop short																																		
6 [ ][ ]	14 [ ][ ]	22 [ ][ ]	95 [ ][ ] (1+* panic)																																		
7 [ ][ ]	15 [ ][ ]	23 [ ][ ]	96 [ ][ ] (3+ # panic)																																		
8 [ ][ ]	16 [ ][ ]	24 [ ][ ]	99 [ ][ ] (*+ # panic)																																		



# 4140XMPT2 PROGRAMMING FORM (2 of 5)

**\*52 STANDARD/EXPANDED REPORT FOR PRIMARY**  
 Alarm  Rst  Bypass  Trbl  OpnClc  Low Bat  
 (0=standard; 1=expanded; Note: Expanded overrides 4+2 format.)

**\*53 STANDARD/EXPANDED REPORT FOR SECONDARY**  
 Alarm  Rst  Bypass  Trbl  OpnClc  Low Bat  
 (0=standard; 1=expanded; Note: Expanded overrides 4+2 format.)

**ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPV. & RESTORE CODES (All codes default to 00)**

*54 CODE	*55 ID	*56 CODE	*57 ID	*58
1		9		Alarm Rst.
2		10		Trouble
3		11		Trble Rst.
4		12		Bypass
5		13		Bypas Rst.
6		14		
7		15		
8		16		
17		25		Alarm Rst.
18		26		Trouble
19		27		Trble Rst.
20		28		Bypass
21		29		Bypas Rst.
22		30		
23		31		
24		32		

**\*59 CODE \*60 ID \*61 CODE \*62 ID \*63**

Alarm Rst.				
Trouble				
Trble Rst.				
Bypass				
Bypas Rst.				

**ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPV. & RESTORE CODES (All codes default to 00)**

*64 CODE	*65 ID	*66 CODE	*67 ID	*68
33		41		Alarm Rst.
34		42		Trouble
35		43		Trble Rst.
36		44		Bypass
37		45		Bypas Rst.
38		46		
39		47		
40		48		
49		57		Alarm Rst.
50		58		Trouble
51		59		Trble Rst.
52		60		Bypass
53		61		Bypas Rst.
54		62		
55		63		
56		64		

**\*69 CODE \*70 ID \*71 CODE \*72 ID \*73**

Alarm Rst.				
Trouble				
Trble Rst.				
Bypass				
Bypas Rst.				

**ALARM REPORT CODE & ID DIGITS FOR ZONES 81-87, RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES**  
 \*74 CODE \*75 ID \*76 CODE \*77 ID (All codes default to 00)

81		89	
82		90	
83		91	
84			Duress
85		97	Poll loop short
86		95	(panic key 1+)
87		96	(panic key 3+4)
88		99	(panic key * + #)

**\*78**

Alarm Rst.	
Trouble	
Trble Rst.	
Bypass	
Bypas Rst.	

NOTES: 97= Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

**ZONE TYPE RESTORE ENABLES 1=enable; 0=disable**

**\*79 FOR ZONE TYPES 1-8**      **\*80 FOR TYPES 9/10**

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

**SYSTEM NON ALARM CODES**

	*81 First Digit	*82 Second Digit
Close		
Open		
Low Battery		
Low Bat Res		
AC Loss		
AC Restore		
Test		
Power		
Cancel		
Prog. Tamp.		

Second digit of each code applies only to 4+2 or expanded (fields \*52 & \*53) formats.

**\*83 FIRST TEST REPORT TIME**           
 [Day 00; hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59; 00 in all boxes=instant (Day 01= Monday)

**\*84 SWINGER SUPPRESSION**     

**\*85 ENABLE DIALER REPORTS FOR PANICS & DURESS**     

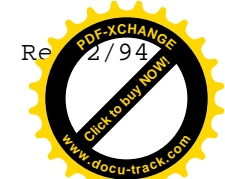
**\*86 4208 MODULE ZONE ASSIGNMENT**        
 1=allows 8 zone numbers (10-17) on one module, but prevents any other polling loop expansion [0=Otherwise]

**\*87 ENTRY WARNING**     

**\*88 BURGLAR ALARM COMM. DELAY**     

**\*89 RESTORE REPORT TIMING**        
 [0=instant; 1=at bell timeout; 2=at disarm]

**\*90 2nd SUBS. ACCT #**



# 4140XMPT2 PROGRAMMING FORM (3 of 5)

## 2nd Page Programming Fields (press \*94)

**ASSIGN RESPONSE TYPE FOR ZONES**  
(Enter 00-10; see Response Types below)

1*01	1*02	1*03	1*04	1*05
28	33	41	49	57
29	34	42	50	58
30	35	43	51	59
31	36	44	52	60
32	37	45	53	61
	38	46	54	62
	39	47	55	63
	40	48	56	64

1*06	1*07	1*08	1*09	
65	73	81	88	2nd RCVR
66	74	82	89	2nd RCVR
67	75	83	90	1st RCVR
68	76	84	91	1st RCVR
69	77	85		
70	78	86		
71	79	87		
72	80			

RESPONSE TYPES: 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire; 10 = Interior, Delay; 20=arm stay; 21=arm away; 22=disarm; 23=no alarm response

NOTES: Use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as troubles (type 5). Enter 00 if no annunciation is desired. 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

- MISCELLANEOUS WIRELESS OPTIONS**
- 1\*26 FIRST 4280 RF RECEIVER SELECT   
1=yes; [0=no]
  - 1\*27 SECOND 4280 RF RECEIVER SELECT   
1=yes; [0=no]
  - 1\*28 RF TX LOW BATTERY ANNUN.   
1=immediate; [0=when disarmed]; Must be "1" for UL
  - 1\*29 RF TX LOW BATTERY REPORT ENABLE   
1=enable; [0=disable]  
Must be "1" for UL
  - 1\*30 RF RCVR CHECK-IN INTERVAL   
02-15 times 2 hours; 00 disables supervision [06]  
Max. "6" (12 hr) for UL
  - 1\*31 RF TRANSMITTER CHECK-IN INTERVAL   
02-15 times 2 hours; 00 disables transmitter supervision [12]  
Max. "6" (12 hr) for UL
  - 1\*32 RF RECEIVER TYPE   
0=4280; 1=4281 ( must have correct revision level); 2=5881
  - 1\*33 TOUCH-TONE W/ROTARY BACKUP ENABLE   
1=enable; [0=disable]
  - 1\*34 COMM. SPLIT REPORT SELECTION   
[0=no]; 1=alarms primary, others secondary;  
2=open/close, test secondary, others primary; See \*51 for comments.

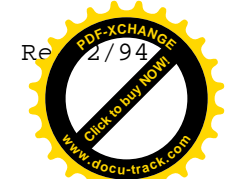
**ALARM REPORT CODE & ID DIGITS FOR ZONES**  
65-80 & SUPV. & RESTORE CODES (codes default to zero)

1*35 CODE	1*36 ID	1*37 CODE	1*38 ID	1*39
65		73		Alarm Rest.
66		74		Trouble
67		75		Trble Rest.
68		76		Bypass
69		77		Bypass Rest.
70		78		
71		79		
72		80		

**DIALER CODES ( Armed Stay, Time Set & Event Logging)**

	1*40	1*41
	First Digit	Second Digit
Armed STAY	<input type="text" value="0"/>	<input type="text" value="0"/>
Time/Date set or event log reset	<input type="text" value="0"/>	<input type="text" value="0"/>
Event log 50% & 90% full	<input type="text" value="0"/>	<input type="text" value="0"/>
Event log overflow	<input type="text" value="0"/>	<input type="text" value="0"/>

- 1\*43 ENABLE PERM. BACKLIGHT
- 1\*44 WIRELESS KEYPAD TAMPER DETECT ENABLE 1=enable; [0=disable]
- 1\*45 CONSOLE ANNUN. DURING EXIT DELAY
- 1\*46 AUXILIARY OUTPUT ENABLE   
[0=ground start]; 1=open/close trigger; 2=console sounding
- 1\*47 CHIME ANNUN. ON EXT ALARM SOUNDER
- 1\*48 WIRELESS KEYPAD ASSIGNMENT   
[0=disable]; enter partition in which RF keypad used, 1-8.
- 1\*49 DISABLE TROUBLE SOUNDER FOR RF SUPERVISION [1=disable]; 0=enable. Must be "0" for UL.
- 1\*52 CANCEL REPORT RESTRICTION
- 1\*53 DOWNLOAD CALLBACK   
1=callback not required; [0=callback required]; Must be "0" for UL.
- 1\*57 ENABLE 5800 RF BUTTON GLOBAL ARM   
Enter "1" to have the system arm/disarm following the button's user's global arm settings. Enter "0" if the button is not to be used to global arm the system.
- 1\*58 ENABLE 5800 RF BUTTON FORCE BYPASS   
If zone is faulted after pressing button, console will beep once. User should press button again within 4 sec. to force bypass those zones.
- 1\*70 EVENT LOG TYPES   
1=enable logging; 0=disable Alarm Chk Bypa O/C System
- 1\*71 12/24 HOUR TIME STAMP FORMAT   
[0=12 hour]; 1=24 hour
- 1\*72 EVENT LOG PRINTER ON-LINE   
[0=disable]; 1=enable
- 1\*73 PRINTER BAUD RATE 1-300; [0=1200]
- 1\*74 RELAY TIMEOUT XX MINUTES   
Enter the relay timeout, 0-127 in multiples of 2 minutes, desired for #80 Menu Mode time driven event relay command numbers "04/09" and #93 Menu Mode Relay Programming output command "56".
- 1\*75 RELAY TIMEOUT YY SECONDS   
Enter the relay timeout, 0-127 seconds, desired for #80 Menu Mode time driven event relay command numbers "05/10" and #93 Menu Mode Relay Programming command "57".
- 1\*76 ACCESS CONTROL FOR PARTITIONS



## 4140XMPT2 PROGRAMMING FORM (4 of 5)

### 3rd Page Programming Fields (press \*94) PARTITIONING SETUP FIELDS

Refer to the PARTITION-SPECIFIC program fields for programming each partition's variable characteristics.

**2\*00** NUMBER OF PARTITIONS    
 Enter 1-8 [1]

**2\*01** DAYLIGHT SAVINGS TIME       
 START/END MONTH Start End   
 00-12; if no daylight savings time, enter 00,00; default-04,10]

**2\*02** DAYLIGHT SAVINGS TIME     
 START/END WEEKEND # Start | End   
 Enter 1-7, 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next to last; 7=3rd from last [1.5: 1st Sunday in April, last in Oct.]

**2\*05** AUTO ARM DELAY

**2\*06** AUTO ARM WARNING PERIOD

**2\*07** AUTO DISARM DELAY

**2\*08** ENABLE FORCE ARM FOR ALL DISARM

**2\*09** ENABLE OPEN/CLOSE REPORT BY EXCEPTION

**2\*10** ALLOW DISARMING OUTSIDE WINDOW    
 ARMING/DISARMING WINDOW

**2\*11** ALLOW DISARM OUTSIDE WINDOW    
 IF ALARM OCCURS   
 Used only if field 2\*10 (partition-specific field) is set to "1". If this field is enabled ("1") the system can be disarmed outside the disarm window if an alarm has occurred. If "0", disarming can only be done during the disarm window. If field 2\*10 is set to "0" for a partition, this field has no effect for that partition.

**2\*17** NUMBER OF CODES PER PARTITION   
 Enter 01-99. Total must be less than or equal to 128. [Default=99 in part. 1; 01 in all other partitions]

1

2

3

4

5

6

7

8

**2\*18** ENABLE GOTO FOR THIS PARTITION

**2\*19** USE PARTITION DESCRIPTORS    
 [0=disable]; 1=enable

**2\*20** ENABLE J7 TRIGGERS BY PARTITION

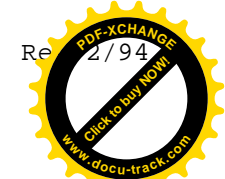
**2\*21** ENABLE SUPERVISION PULSES FOR LRR TRIGGER OUTPUTS      
 F B S   
 Used for supervised connection to 7920SE. Enter 0 to disable or 1 to enable the listed outputs. F= Fire; B= Burglary; S= Silent panic/duress

#### SCHEDULING RELATED DIALER REPORTS

2*13 1st Digit	2*14 2nd Digit	
<input type="text"/>	<input type="text"/>	Early opening report code
<input type="text"/>	<input type="text"/>	Early closing report code
<input type="text"/>	<input type="text"/>	Late opening report code
<input type="text"/>	<input type="text"/>	Late closing report code
<input type="text"/>	<input type="text"/>	No opening (late to open) report code
<input type="text"/>	<input type="text"/>	No closing (late to close) report code
<input type="text"/>	<input type="text"/>	Auto-arm failure report code
<input type="text"/>	<input type="text"/>	Access or date changed report code

#### SUMMARY OF PROGRAMMING COMMANDS

- To enter program mode, enter installer code + [8] + [0] + [0]
- To set standard defaults, press \*97
- To set communication defaults, press \*94 + one of the following: \*80=low speed; \*81=Ademco Express; \*82=Ademco High Speed; \*83=Ademco's Contact ID
- To change to next page of program fields, press \*94
- To return to previous set of fields, press \*99
- To erase account & phone number field entries, press [\*] + field number + [\*]
- To assign zone descriptors, press #93 + follow menu prompts
- To add custom words, press #93 + follow menu prompts
- To enter Installer's Message, press #93 + follow menu prompts
- To exit program mode, press \*99 OR \*98: \*99 allows re-access to programming mode by installer code. \*98 prevents re-access to programming mode by installer code.



## 4140XMPT2 PROGRAMMING FORM (5 of 5)

### PARTITION-SPECIFIC FIELDS

(Duplicate this page for each partition in the installation.)

To program these fields,

1. Press \*91 to select a partition.
2. Enter a partition-specific field number (ex. \*09).
3. Repeat steps 1 & 2 for each partition in the system.
4. To return to the global program fields, press \*99.

### PARTITION # \_\_\_\_\_ PROGRAM FIELDS

**1st Page Fields**

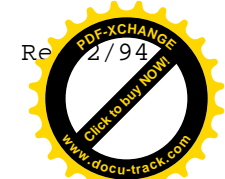
- \*09 ENTRY DELAY #1  [02] (00-15 times 15 seconds)
- \*10 EXIT DELAY #1  [03] (00-15 times 15 seconds)
- \*11 ENTRY DELAY #2  [06] (00-15 times 15 seconds)
- \*12 EXIT DELAY #2  [08] (00-15 times 15 seconds)
- \*13 ALARM SOUNDER DURATION  [04] (01-15 times 2 minutes) Minimum 4 minutes for UL.
- \*16 CONFIRMATION OF ARMING DING  1=enable; [0=disable]
- \*22 CONSOLE PANIC ENABLES  95  96  99 1=enable; 0=disable [0-0-1]
- \*23 MULTIPLE ALARMS  [1=yes]; 0=no
- \*29 QUICK ARM  [1=yes]; 0=no
- \*32 PRIMARY SUBSCRIBER ACCT #     Enter 00-09; B-F (11-15) [15 15 15 15]
- \*38 INHIBIT BYPASS OF A ZONE  [01-04]; [00 if all zones (except Fire zones) can be bypassed]
- \*39 ENABLE OPEN/CLOSE REPORT FOR INSTALLER CODE  1=enable; [0=disable]
- \*84 SWINGER SUPPRESSION  [01-15 alarms [15]; Must be "00" (disabled) for UL.
- \*85 ENABLE DIALER REPORTS FOR PANICS & DURESS  95  96  99 Duress 1=enable; [0=disable]
- \*87 ENTRY WARNING  [1=continuous]; 0=3 beeps
- \*88 BURG. ALARM COMM. DELAY  [1=16 seconds; 0=no delay]
- \*90 SECONDARY SUBSCRIBER ACCT #     Enter 00-09; B-F (11-15) [15 15 15 15]

**2nd Page Fields**

- 1\*43 ENABLE PERM. LCD DISPLAY BACKLIGHT  1=enable; [0=disable] When disabled, display lights when key is pressed, and turns off after period of keypad inactivity.
- 1\*45 ENABLE CONSOLE ANNUN. DURING EXIT DELAY  1=enable; [0=disable] Produces quick beeping during exit if enabled.
- 1\*47 ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER  1=enable; [0=disable]
- 1\*52 CANCEL REPORT RESTRICTION  1=no restriction; [0=within Bell Timeout period only]
- 1\*76 ACCESS CONTROL RELAY FOR PARTITION  Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-16 [00]=none

**3rd Page Fields**

- 2\*05 AUTO-ARM DELAY  Enter the time between the end of the arming window and the start of auto-arming, in values of 1-14 times 4 minutes 00=instant; [15=no auto arm at all]. When this delay expires, the Auto-Arm Warning Period begins.
- 2\*06 AUTO-ARM WARNING PERIOD  This is the time during which the user is warned to exit the premises prior to the auto-arming of the system (beeps every 15 seconds; "ALERT" displayed). Enter 01-15 minutes. 00=instant end of arming delay.
- 2\*07 AUTO-DISARM DELAY  This is the time between the end of the disarming window and the start of auto-disarming. Enter 01-14 times 4 minutes; 00=instant end of window; 15=no auto-disarm.
- 2\*08 ENABLE FORCE ARM FOR AUTO-ARM
- 2\*09 OPEN/CLOSE REPORTS BY EXCEPTION  1=enable; [0=disable]; if enabled, only openings and closings occurring outside the scheduled opening/closing windows will trigger dialer reports. Opening reports will also be suppressed during the closing window, in order to prevent false reports when the user arms the system and then reenters the premises to retrieve a forgotten item.
- 2\*10 ALLOW DISARMING ONLY DURING ARMING/DISARMING WINDOWS  See system-wide field 2\*11 if enabling field 2\*10. This feature adds high security to the installation.
- 2\*18 ENABLE GOTO FOR THIS PARTITION  1=enable; [0=disable]
- 2\*20 ENABLE J7 TRIGGERS by PARTITION  0=disable for displayed partition; [1=enable for displayed partition]



# 4140XMPV PROGRAMMING FORM (1 of 3)

Standard default (\*97) values are shown in brackets [ ], otherwise default = 0.

**\*00 INSTALLER CODE**

Enter 4 digits, 0-9 [4140]

**\*01 MASTER SECURITY CODE**

Enter 4 digits, 0-9 [1234] See \*34 for 6-digit enable

### ASSIGN RESPONSE TYPE FOR ZONES 1-27 & Panics

(Enter 00-10; see Response Types box below)

Hard-Wire zones = 1-9; Pulling Loop zones = 10-32; Wireless zones = 1-93 plus RF Receiver zones 88-91

<b>*02</b>	<b>*03</b>	<b>*04</b>	<b>*05</b>
1 <input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>
2 <input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>
3 <input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>
4 <input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0/0
5 <input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/> Pulling Loop Short
6 <input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/> (1-9)
7 <input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/> (2-9)
8 <input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	98 <input type="text"/> (3-9)

#### RESPONSE TYPES:

00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Peleometer; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire; 10 = Intruder, Delay.

#### DESIGNATE RIGHT LOOP Zones 10-32: Enter 1=yes; [0=no]

<b>*06</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	10	11	12	13	14	15	16
<b>*07</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	17	18	19	20	21	22	23
<b>*08</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	25	26	27	28	29	30	31

**\*09 ENTRY DELAY #1** [00] (00-15 times 15 seconds)

**\*10 EXIT DELAY #1** [00] (00-15 times 15 seconds)

**\*11 ENTRY DELAY #2** [00] (00-15 times 15 seconds)

**\*12 EXIT DELAY #2** [00] (00-15 times 15 seconds)

**\*13 ALARM SOUNDER DURATION**   
01-15 times 2 minutes [00]. Minimum 4 minutes for UL.

**\*14 ZONE 9 FAST/SLOW RESP.** 1=fast; [0=slow]; 0 for UL

**\*15 KEYSWITCH ENABLE** 1=enable; [0-disable]

**\*16 CONFIRMATION OF ARMING DING** 1=enable; [0-disable]

**\*17 AC POWER LOSS SOUNDING** 1=yes; [0=no]

**\*18 AC POWER LOSS ALARM** 1=yes; [0=no]

**\*19 AC RANDOMIZE** 1=customize 10-49 min.; [0=no]

**\*21 DISABLE FIRE TIME-OUT** 1=no timeout; [0-fire timeout]

**\*23 MULTIPLE ALARMS** [1=yes]; 0=no

**\*24 4190WH TAMPER DISABLE** 1=disable; [0-enable]

**\*25 BURGLARY TRIGGER**   
for ZONE RESPONSE TYPE 8 [1=yes]; 0=no

**\*26 INTELLIGENT TEST REPORTING** Set 0 for UL   
1=yes, (no report sent if any other report was recently sent); [0=no]

**\*27 TEST REPORT INTERVAL**

Enter interval in hours, 001-199; 000=no report [024]; Max. 024 for UL.

**\*28 POWER UP IN PREVIOUS STATE**

[1=yes]; 0=no; \*1 for UL.

**\*29 QUICK ARM** [1=yes]; 0=no

**\*30 TOUCH-TONE OR ROTARY DIAL**

1=TouchTone; [0=rotary] See field \*33 for Touch-Tone w/Rotary backup

**\*31 PABX ACCESS CODE**

00-09; B-F (11-15)

**\*32 PRIM. SBSCRBR ACCT #**

Enter 00-09; B-F (11-15) [15 15 15 15]

**\*33 PRIMARY PHONE NUMBER**

Enter 0-9 for each digit

**\*34 SECONDARY PHONE NUMBER**

Enter 0-9 for each digit

**\*35 DOWNLOAD PHONE No.**

Enter 0-9 for each digit

**\*36 DOWNLOAD ID No.**

Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]

**\*37 DOWNLOAD COMMAND ENABLES**

Dialer System Not Remote Remote Remote Upload Download  
Shutdown Shutdown Used Bypass Disarm Arm Program Program  
See field \*53 for Callback disable option; [1=enable]; 0=disable; For UL installations, all options must be disabled.

**\*38 INHIBIT BYPASS OF A ZONE**

01-31; [00 if all zones (except Fire zones) can be bypassed]

**\*39 OPEN/CLOSE REPORTS FOR ZONES 1-8:** 1=yes; 0=no

1 2 3 4 5 6 7 8

**\*40 OPEN/CLOSE REPORTS FOR ZONES 9-16:** 1=yes; 0=no

9 10 11 12 13 14 15 16

**\*41 EOLR DISABLE (Zones 2-8)**

[1=N.C.loops]; 0=EOLR supervision; Must be "0" for UL.

**\*42 DIAL TONE PAUSE** [0-5 sec]; 1=11 sec; 2=30 sec; 0 for UL

**\*43 DIAL TONE DETECT** [1=wait for dial tone]; 0=pause, then dial

**\*44 RING DETECTION COUNT**

01-14; 15=answering machine; [00=no detection, should not be set to 00 if 4284 Voice Module is used]

**\*45 PRIMARY FORMAT**

[0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*46 LOW SPEED FORMAT (Primary)**

[0=Ademco Low Speed]; 1=Seccon/Radionics

**\*47 SECONDARY FORMAT**

[0=Low Speed]; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*48 LOW SPEED FORMAT (Secondary)**

[0=Ademco Low Speed]; 1=Seccon/Radionics

**\*49 CHECKSUM VERIFICATION**

1=yes; [0=no] Primary Scondy

### 4140XMPV PROGRAMMING FORM (2 of 3)

\*50 SESCOA/RADIONICS 1=Secoa; [0=Radionics]

\*51 DUAL REPORTING   
1=yes; [0=no] If used with Split Reporting "1" option (1\*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close & test messages go to both lines, while all other reports go to primary.

\*52 STANDARD/EXPANDED REPORT FOR PRIMARY  
 Alarm  Rstr  Bypass  Trbl  Opn/Cls  Low Bat  
[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.

\*53 STANDARD/EXPANDED REPORT FOR SECONDARY  
 Alarm  Rstr  Bypass  Trbl  Opn/Cls  Low Bat  
[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.

#### ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPERVISORY & RESTORE CODES [All codes default to 00]

*54 CODE	*55 ID	*56 CODE	*57 ID	*58
1	<input type="text"/>	9	<input type="text"/>	<input type="text"/> Alarm Ret.
2	<input type="text"/>	10	<input type="text"/>	<input type="text"/> Trouble
3	<input type="text"/>	11	<input type="text"/>	<input type="text"/> Trble Ret.
4	<input type="text"/>	12	<input type="text"/>	<input type="text"/> Bypass
5	<input type="text"/>	13	<input type="text"/>	<input type="text"/> Bypass Ret.
6	<input type="text"/>	14	<input type="text"/>	
7	<input type="text"/>	15	<input type="text"/>	
8	<input type="text"/>	16	<input type="text"/>	
*59 CODE	*60 ID	*61 CODE	*62 ID	*63
17	<input type="text"/>	25	<input type="text"/>	<input type="text"/> Alarm Ret.
18	<input type="text"/>	26	<input type="text"/>	<input type="text"/> Trouble
19	<input type="text"/>	27	<input type="text"/>	<input type="text"/> Trble Ret.
20	<input type="text"/>	28	<input type="text"/>	<input type="text"/> Bypass
21	<input type="text"/>	29	<input type="text"/>	<input type="text"/> Bypass Ret.
22	<input type="text"/>	30	<input type="text"/>	
23	<input type="text"/>	31	<input type="text"/>	
24	<input type="text"/>	32	<input type="text"/>	

#### ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPERVISORY & RESTORE CODES [All codes default to 00]

*64 CODE	*65 ID	*66 CODE	*67 ID	*68
33	<input type="text"/>	41	<input type="text"/>	<input type="text"/> Alarm Ret.
34	<input type="text"/>	42	<input type="text"/>	<input type="text"/> Trouble
35	<input type="text"/>	43	<input type="text"/>	<input type="text"/> Trble Ret.
36	<input type="text"/>	44	<input type="text"/>	<input type="text"/> Bypass
37	<input type="text"/>	45	<input type="text"/>	<input type="text"/> Bypass Ret.
38	<input type="text"/>	46	<input type="text"/>	
39	<input type="text"/>	47	<input type="text"/>	
40	<input type="text"/>	48	<input type="text"/>	
*69 CODE	*70 ID	*71 CODE	*72 ID	*73
49	<input type="text"/>	57	<input type="text"/>	<input type="text"/> Alarm Ret.
50	<input type="text"/>	58	<input type="text"/>	<input type="text"/> Trouble
51	<input type="text"/>	59	<input type="text"/>	<input type="text"/> Trble Ret.
52	<input type="text"/>	60	<input type="text"/>	<input type="text"/> Bypass
53	<input type="text"/>	61	<input type="text"/>	<input type="text"/> Bypass Ret.
54	<input type="text"/>	62	<input type="text"/>	
55	<input type="text"/>	63	<input type="text"/>	
56	<input type="text"/>	64	<input type="text"/>	

#### ALARM REPORT CODE & ID DIGITS FOR RF RCVRs & PANIC & THEIR SUPV. & RESTORE CODES [All codes default to 00]

*74 CODE	*75 ID	*76 CODE	*77 ID	*78
NU 0 0	0 0	88	<input type="text"/>	<input type="text"/> Alarm Ret.
NU 0 0	0 0	90	<input type="text"/>	<input type="text"/> Trouble
NU 0 0	0 0	91	<input type="text"/>	<input type="text"/> Trble Ret.
NU 0 0	0 0	Dures	<input type="text"/>	<input type="text"/> Bypass
NU 0 0	0 0	97	<input type="text"/>	<input type="text"/> Bypass Ret.
NU 0 0	0 0	95	<input type="text"/>	(1 + #)
87	<input type="text"/>	96	<input type="text"/>	(3 + #)
88	<input type="text"/>	99	<input type="text"/>	(# + #)

NOTES:  
87 = Voice Module supervision; 97 = Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

\*79 ZONE TYPE RESTORE for TYPES 1-8: 1=enable; [0=disable]  
 1  2  3  4  5  6  7  8

\*80 ZONE TYPE RESTORE for TYPES 9 & 10  9  10  
1=enable; [0=disable]

#### SYSTEM NON ALARM CODES

	*81 First Digit	*82 Second Digit	
Close	<input type="text"/>	<input type="text"/>	Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.
Open	<input type="text"/>	<input type="text"/>	
Low Battery	<input type="text"/>	<input type="text"/>	
Low Bat Res.	<input type="text"/>	<input type="text"/>	
AC Loss	<input type="text"/>	<input type="text"/>	
AC Restore	<input type="text"/>	<input type="text"/>	
Test	<input type="text"/>	<input type="text"/>	
Power	<input type="text"/>	<input type="text"/>	
Cancel	<input type="text"/>	<input type="text"/>	
Prog. Tamper	<input type="text"/>	<input type="text"/>	

\*83 FIRST TEST REPORT TIME      
[Day 00; hour 12; min 00] Days 01-07, Hours 00-23, Min 00-59; 00 in all boxes=Instant (Day 01=Monday)

\*84 SWINGER SUPPRESSION   
01-15 alarms [15]; Must be "00" (disabled) for UL.

\*86 ZONE EXPANDER DEVICE 1=only one 4208   
Installed for zones 10-17; [0=more than one 4208 or other devices]

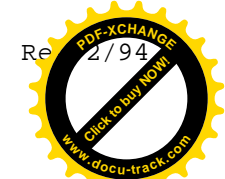
\*87 ENTRY WARNING   
[1=continuous]; 0=3 beeps

\*88 BURGL. ALARM COMM. DELAY   
1=15 seconds; [0=no delay]

\*89 RESTORE REPORT TIMING   
[0=Instant, as zone restores]; 1=after bell timeout if zone restored; 2=when system is subsequently disarmed

\*90 SCNDRY SBSCRBR ACCT #       
Enter 00-08; B-F (11-15) [15 15 15 15]





# 4140XMPV PROGRAMMING FORM (3 of 3)

## 2nd PAGE FIELDS (press \*94)

### ASSIGN RESPONSE TYPES FOR ZONES 28-64

1*01	1*02	1*03	1*04	1*05
28	33	41	49	57
29	34	42	50	58
30	35	43	51	59
31	36	44	52	60
32	37	45	53	61
	38	46	54	62
	39	47	55	63
	40	48	56	64

1\*08 1\*09

NU 0|0 89 2nd RCVR

NU 0|0 90 1st RCVR

NU 0|0 91 1st RCVR

NU 0|0

NU 0|0

NU 0|0

87 4284

88 2nd RCVR

For UL applications, use of 1 or 2 RF RCVRs requires enabling their respective limits (88-91) as applicable (type 8).

NOTES:  
 88 & 90 = RCVR not receiving transmitter signals.  
 89 & 91 = RCVR not responding, bad conn. to panel.  
 87 = 4284 supervision (type 8).

RESPONSE TYPES: 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Followup; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Flag; 10 = Interior, Delay.

DESIGNATE RIGHT LOOP Zones 33-64: Enter 1=yes; [0=no]

1*10							
ZONES:	33	34	35	36	37	38	39
1*11							
ZONES:	41	42	43	44	45	46	47
1*12							
ZONES:	49	50	51	52	53	54	55
1*13							
ZONES:	57	58	59	60	61	62	63

SELECTION OF WIRELESS FOR ZONES 1-63

Enter "1" to enable a zone as wireless; [0=no-wireless]

1*18							
ZONES:	1	2	3	4	5	6	7
1*19							
ZONES:	9	10	11	12	13	14	15
1*20							
ZONES:	17	18	19	20	21	22	23
1*21							
ZONES:	25	26	27	28	29	30	31
1*22							
ZONES:	33	34	35	36	37	38	39
1*23							
ZONES:	41	42	43	44	45	46	47
1*24							
ZONES:	49	50	51	52	53	54	55
1*25							
ZONES:	57	58	59	60	61	62	63

1\*26 FIRST RF RECEIVER SELECT 1=yes; [0=no]

1\*27 SECOND RF RECEIVER SELECT 1=yes; [0=no]

1\*28 RF TRANSMITTER LOW BATTERY ANNUN.   
 1=immediate; [0=when disarmed] Must be "1" for UL

1\*29 RF TRANSMITTER LOW BATTERY REPORT ENABLE 1=enable; [0-disable] Must be "1" for UL

1\*30 RF RECEIVER SUPERVISION CHECK-IN INTERVAL 02-15 times 2 hours; 00 disables supervision [8] Max. "8" (12 hr) for UL

1\*31 RF TRANSMITTER CHECK-IN INTERVAL 02-15 times 2 hours; 00 disables transmitter supervision [12] Max. "8" (12 hr) for UL

1\*32 NOT USED

1\*33 TOUCH-TONE W/ROTARY BACKUP ENABLE 1=enable; [0-disable]

1\*34 COMM. SPLIT REPORT SELECTION [0=no]; 1=alarms primary, others secondary; 2=open/close, test secondary, others primary; See \*51 for comments.

ARMED STAY DIALER REPORT

1\*40 1\*41

First Digit Second Digit

Armed Stay

This report will be sent for any Low Speed format. If Ademco High Speed is used, a normal closing report will be sent. If Contact ID is used, a new code, R441, will be sent. 685 Receivers that do not have revision 4.5 or higher will print an error message in place of the English text.

1\*44 RF KEYPAD TAMPER DETECT 1=yes; [0=no]

1\*45 ENABLE CONSOLE ANNUN. DURING EXIT DELAY 1=enable; [0-disable]

1\*46 AUXILIARY OUTPUT ENABLE [0=ground start]; 1=open/close trigger; 2=console sounding

1\*47 ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER 1=enable; [0-disable]

1\*48 WIRELESS KEYPAD DISABLE 1-disable; [0-enable]

1\*49 DISABLE TROUBLE SOUNDER FOR RF SUPERVISION [1-disable]; 0=enable. Must be "0" for UL.

1\*50 BABYSITTER CODE 1=enable; [0-disable]; (User 22)

1\*51 4281 HOUSE ID Enter 01-31

1\*52 CANCEL REPORT RESTRICTION 1=no restriction; [0=within Bell Timeout period only]

1\*53 DOWNLOAD CALLBACK 1=callback not required; [0=callback required]; Must be "0" for UL.

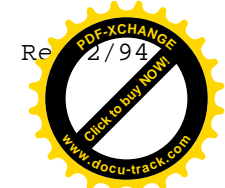
1\*54 HIGH SECURITY MODE 1=8-digit high security; [0=4-digit normal]

1\*66 4284 VOICE MODULE PHONE CODE

1st digit; enter 2 digits, 01-08

2nd digit; enter 11 (for \*) or 12 (for #)

Entry of [00] & [11] will disable the Voice Module



## 4150 [VERSION 1] PROGRAMMING FORM (1 OF 6)

**NOTE:** Program the numbers that you write into the boxes except for double boxes where you program the number preprinted in a box next to the box you check.

### PROM Data Group 1

To program, set Phone No. Selector Switch to "Primary" and Rotary Switch to Position 1 ("Access #") on No. 690 PROM Programmer.

PABX Access Code (Select from 0 --> 9):

**Delay Option:** Check one

Normal Burglary reporting is instantaneous upon tripping of the alarm. It is possible, however, to optionally select a 15 second delay in the reporting of the burglary alarm to the Central Alarm Monitoring Service so as to give the user an opportunity to turn off the system subsequent to a false alarm prior to alerting the Central Alarm Monitoring Service. All closing reports are automatically delayed by 15 seconds. All trouble reports are automatically delayed by 60 seconds.

The standard external Telco dial tone wait period to initiate a telephone connection is 7 seconds. It is possible, however, to optionally select an extended dial tone wait period of 25 seconds for slowly responding Telco systems.

No Delayed Burglary Report, 7 Second Dial Tone Wait:

No Delayed Burglary Report, 25 Second Dial Tone Wait\*:

Delayed Burglary Report, 7 Second Dial Tone Wait\*:

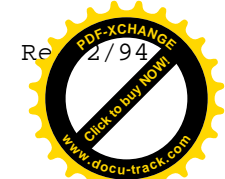
Delayed Burglary Report, 25 Second Dial Tone Wait\*:

\*Note: Follow the procedure given below if it is desired to program less than three PABX digits AND it is desired to program one of these digits (The symbol  $\beta$  means leave unprogrammed). Press down on the PROM PROGRAMMER's "VIEW" button (labeled "\*") and release it when a buzzing sound is heard. Again, press down on the VIEW button, but this time release it only after the display has flashed three times. The programmer is now ready to accept the digit to be programmed (i.e.: 1, 2, or 3).

### PROM Data Group 2

To program, set Phone No. Selector Switch to "Secondary" and Rotary Switch to Position 1 ("Access #") on No. 690 PROM Programmer.

Master Security Code (Select from 0 --> 9 digit set, repeating digits permitted).



## 4150 [VERSION 1] PROGRAMMING FORM (2 OF 6)

PROM Data Group 3

To program, set Phone No. Selector Switch to "Primary" and Rotary Switch to Position 2 ("Main #").

Primary Telco Number (Select from 0 --> 9):

PROM Data Group 4

To program, set Phone No. Selector Switch to "Secondary" and Rotary Switch to Position 2 ("Main #").

Secondary Telco Number (Select from 0 --> 9):

PROM Data Group 5

To program, set Phone No. Selector Switch to "Primary" and Rotary Switch to Position 3 ("Subs ID#").

Primary Subscriber I.D. (Select from 0 --> 9):\*     \*1 (see below)

PROM Data Group 6

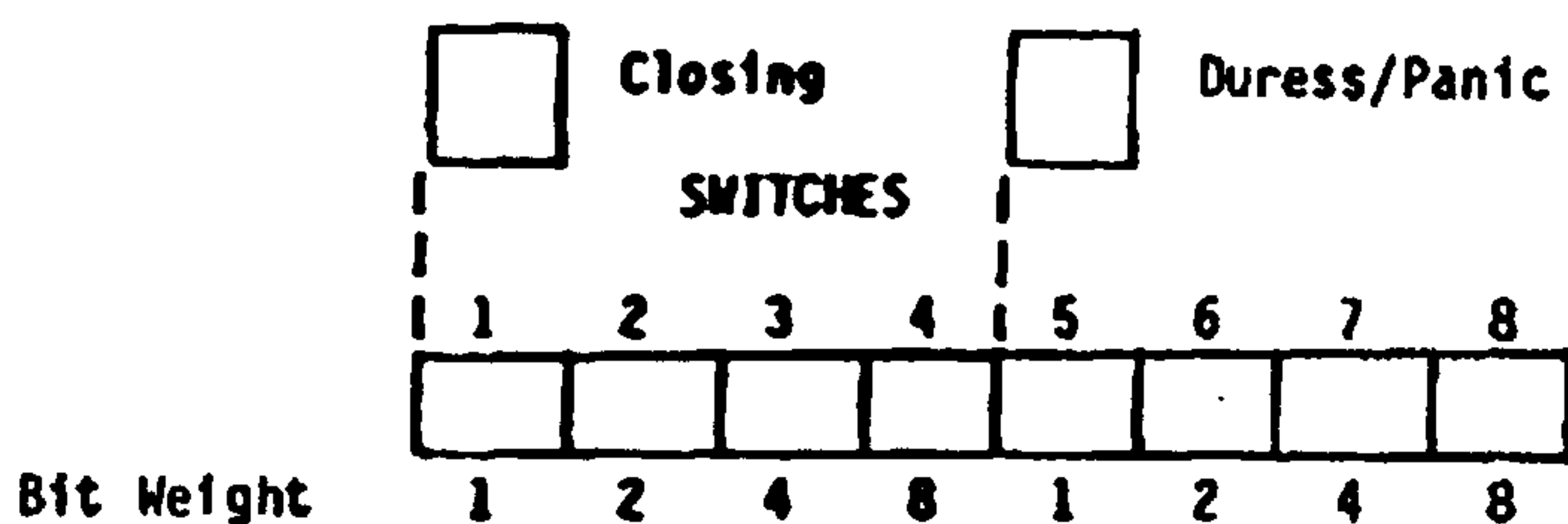
To program, set Phone No. Selector Switch to "Secondary" and Rotary Switch to Position 3 ("Subs ID#").

Secondary Subscriber I.D. (Select from 0 --> 9):\*     \*1 (see below)

PROM Data Group 7

To program, set Rotary Switch to Position 4 ("Not Used") and raise switches for checked boxes representing bits set within the hexadecimal code.

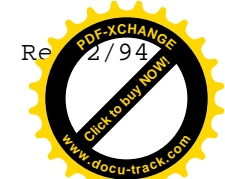
Reporting Codes for Closing and Duress/Panic (Select from 0 --> 9, B --> F):



Bit Weight

(ex: 7 = 1+2+4, B = 1+2+8, C = 4+8, D = 1+4+8, see page 21)

- NOTES:**
- \*1. Leave 4th digit blank if only 3 subscriber I.D. digits are to be reported in the communicator message.
  2. Central station reporting of trouble, burglary alarms, fire and panic alarms, etc... can be disabled if the corresponding reporting code is left blank (i.e. unprogrammed).
  3. If it is desired to have the communicator report all messages to a single receiver, the secondary telco number and subscriber I.D. should be programmed the same as the primary telco number



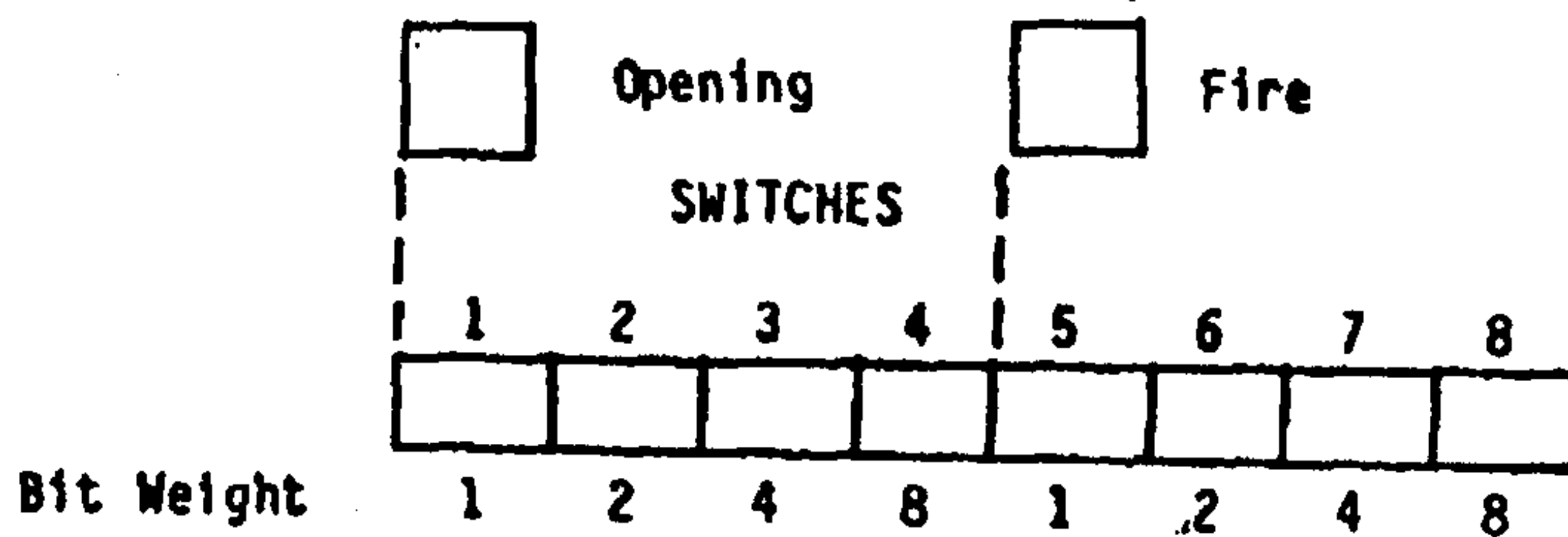
## 4150 [VERSION 1] PROGRAMMING FORM (3 OF 6)

and subscriber I.D. The PROM locations for primary number only and secondary number only reporting options should be left unprogrammed.

### PROM Data Group 8

To program, set Rotary Switch to Position 5 ("Sys Options") and raise switches for checked boxes representing bits set within the hexadecimal code.

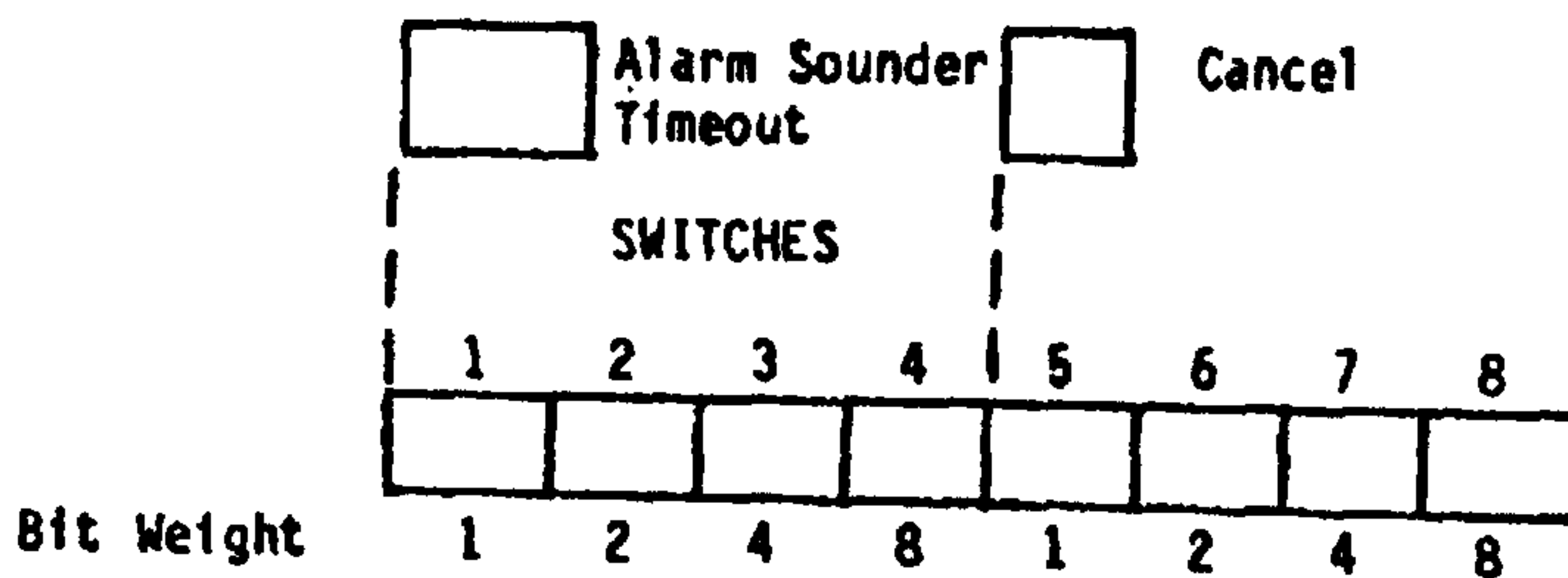
Reporting Codes for Opening and Fire (Select from 0 --> 9, B --> F):



### PROM Data Group 9

To program, set Rotary Switch to Position 6 ("Inverted") and raise switches for checked boxes representing bits set within the hexadecimal code.

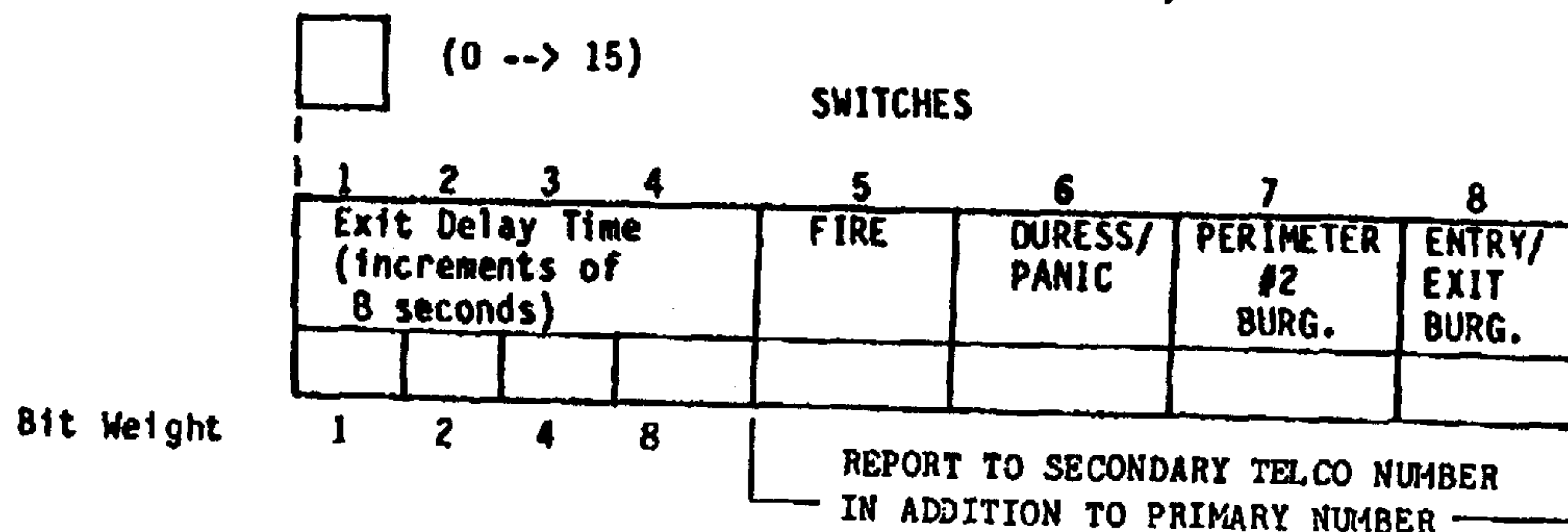
Alarm Sounder Timeout (Select from 0 --> 15 minutes) and Reporting Code for Cancel (Select from 0 --> 9, B --> F):

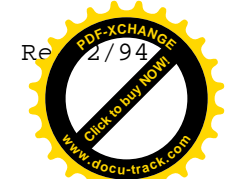


### PROM Data Group 10

To program, set Rotary Switch to Position 7 ("16 sec Delay") and raise switches for checked boxes representing bits set within the hexadecimal code for switches 1 --> 4 and set other switches for checked boxes as indicated.

Exit Delay Time: (Select 0 --> 15 x 8 secs) and Communicator Report to Second Telephone Number ALSO: (Check reports for which desired)





## 4150 [VERSION 1] PROGRAMMING FORM (4 OF 6)

### PROM Data Group 11

To program, set Rotary Switch to Position 8 ("Secondary # Only") and raise switches for checked boxes representing bits set within the hexadecimal code for switches 1 → 4 and set other switches for checked boxes as indicated.

Entry Delay Time: (Select 0 → 15 x 8 secs) and Communicator Report to Second Telephone Number ALSO: (Check reports for which desired)

(0 → 15)

SWITCHES

	1	2	3	4	5	6	7	8
Entry Delay Time (increments of 8 seconds)					NOT USED	PERIM. #1 BURG.	INTER. BURG.	CANCEL
Bit Weight	1	2	4	8	REPORT TO SECONDARY TELCO NUMBER IN ADDITION TO PRIMARY NUMBER			

### PROM Data Group 12

To program, set Rotary Switch to Position 9 ("Open/Close") and set switches for checked boxes.

Reporting Characteristics and Formats and Communicator Report to Primary Telephone Number ALSO (Check as desired):

SWITCHES

	1	2	3	4	5	6	7	8
	PRIMARY TELCO NUMBER FORMAT	SECONDARY TELCO NUMBER FORMAT	EXTENDED REPORTING	EXTENDED REPORTING	OPEN	CLOSE	RESTORE	LOW BATTERY
	SESCOA RADIONICS	SESCOA RADIONICS	PRIMARY TELCO NUMBER	SECONDARY TELCO NUMBER				
BIT SET (RAISE SWITCH)								
BIT NOT SET (SWITCH DOWN)			REPORT TO PRIMARY TELCO NUMBER IN ADDITION TO SECONDARY NUMBER					
	ADEMCO	ADEMCO						



## 4150 [VERSION 1] PROGRAMMING FORM (5 OF 6)

PROM Data Group 13

To program, set Rotary Switch to Position 10 ("Restore") and set switches for checked boxes as indicated.

Miscellaneous Audible Options and Communicator Report to Primary Telephone Number ALSO (Check as desired):

SWITCHES							
1	2	3	4	5	6	7	8
NOT USED	AUDIBLE BURGLARY ALARM	AUDIBLE PANIC ALARM	FIRE ALARM SOUNDING TIMEOUT	NOT USED	TROUBLE	TEST (MANUAL OR 24 HOUR)	24 HOUR TEST REPORT ENABLE

REPORT TO PRIMARY TELCO NUMBER  
 IN ADDITION TO SECONDARY NUMBER

PROM Data Group 14

To program, set Rotary Switch to Position 11 ("Not Used") and raise switches for checked boxes representing bits set within the hexadecimal code.

Reporting Codes for Fire Trouble and Perimeter #1 Burglary (Select from 0 --> 9, B --> F)

Fire Trouble

Perimeter #1 Burglary

SWITCHES								
1	2	3	4	5	6	7	8	
Bit Weight	1	2	4	8	1	2	4	8

PROM Data Group 15

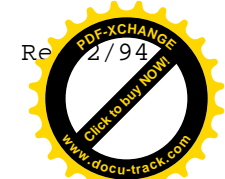
To program, set Rotary Switch to Position 12 ("Not Used") and raise switches for checked boxes representing bits set within the hexadecimal code.

Reporting Codes for Test and Interior Burglary (Select from 0 --> 9, B --> F)

Test

Interior Burglary

SWITCHES								
1	2	3	4	5	6	7	8	
Bit Weight	1	2	4	8	1	2	4	8

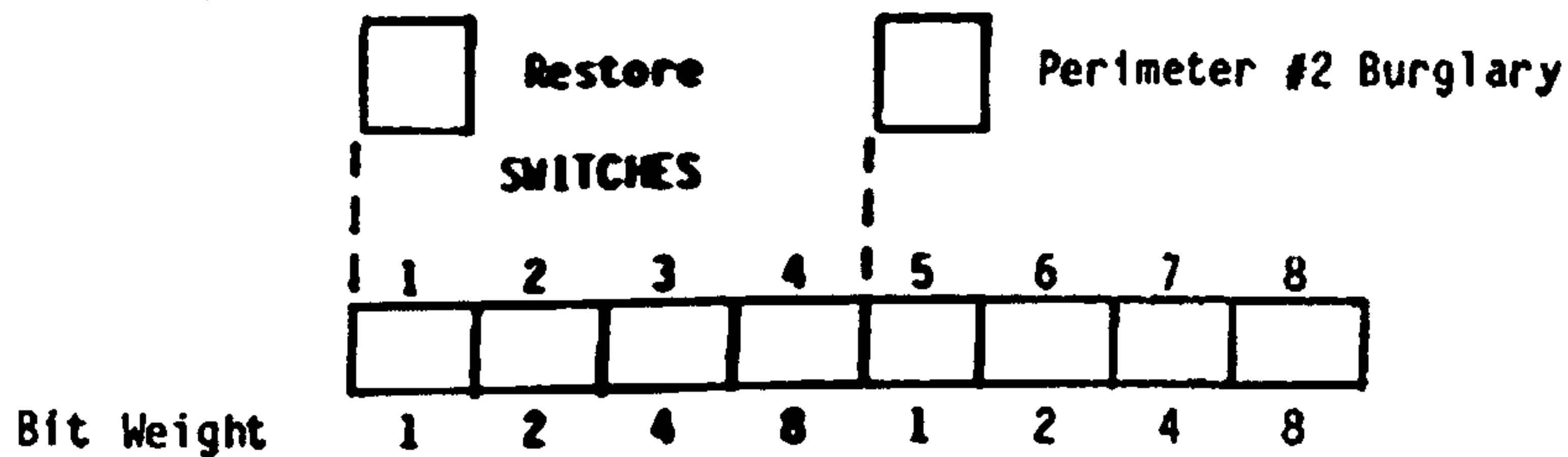


## 4150 [VERSION 1] PROGRAMMING FORM (6 OF 6)

### PROM Data Group 16

To program, set Rotary Switch to Position 13 ("Not Used") and raise switches for checked boxes representing bits set within the hexadecimal code.

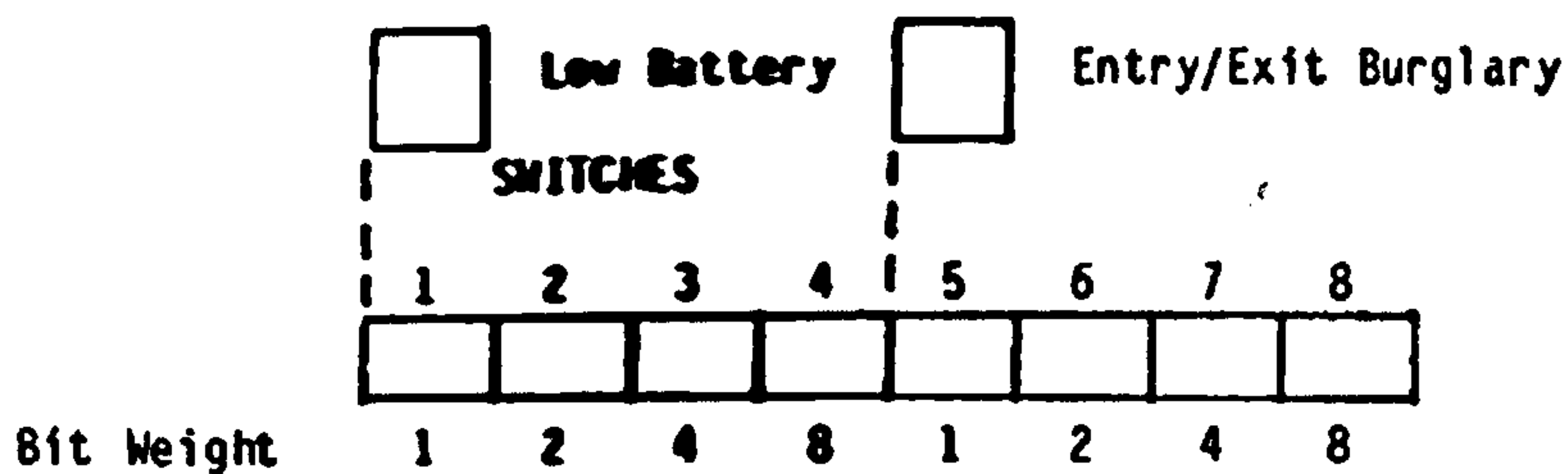
Reporting Codes for Restore and Perimeter #2 Burglary (Select from 0 --> 9, B --> F)



### PROM Data Group 17

To program, set Rotary Switch to Position 14 ("Not Used") and raise switches for checked boxes representing bits set within the hexadecimal code.

Reporting Codes for Low Battery and Entry/Exit Burglary (Select from 0 --> 9, B --> F)



### Hexadecimal Coding Chart

	Bit Weight					Bit Weight			
Code	1	2	4	8	Code	1	2	4	8
0(10)		✓		✓	8				✓
1	✓				9	✓			✓
2		✓			B(11)	✓	✓		✓
3	✓	✓			C(12)			✓	✓
4			✓		D(13)	✓		✓	✓
5	✓		✓		E(14)		✓	✓	✓
6		✓	✓		F(15)	✓	✓	✓	✓
7	✓	✓	✓						

**CAUTION:** Throughout these reporting selections, the ability to select full Hexadecimal reporting codes is indicated. Make sure that the receiver, into which your signals are being reported, is capable of accommodating such reporting. For example, the Ademco No. 660/673 is only capable of accepting 0 --> 9 for all reporting codes.

## 4150 [VERSION 2/3] PROGRAMMING FORM (1 of 2)

FOR DETAILED AND ALTERNATIVE PROGRAMMING INFORMATION, SEE THE INSTALLATION INSTRUCTIONS

PROGRAMMING A No. 691 PROM WITH  
A No. 690 PROM PROGRAMMER

### Data Group 1 (PRI/POS.1)

PABX Access No. (0-9; up to 3 digits)  
LEAVE UNUSED BOXES BLANK AT RIGHT

25 sec Dial Tone Wait instead of 7 sec?  
(1 = Y; 0 = N)

15 sec. Burg. Reporting Delay instead of Instant?  
(2 = Y; 0 = N)

Audible Panic Zone Response instead of Silent?  
(4 = Y; 0 = N)

Suppress Trouble Reporting when arming w/ zone  
bypassed. (8 = Y; 0 = N)

TOTAL:

If total greater than 9, key PABX Access No. and, in this location, key a 2 if total is 10; 3 if total is 11; 4 if 12; 5 if 13; 6 if 14; or 7 if 15 on a first pass. Then, on a second pass, repeat the PABX Access No. and in this location key an 8.

For fewer than 3 PABX digits, see procedure in the instructions.

**Data Group 2 (SEC/POS. 1)**  
Master Security Code (0 - 9; fill in 4 digits)

**Data Group 3 (PRI/POS. 2)**  
Primary Telco No. (0 - 9; up to 12 digits)  
  
LEAVE UNUSED BOXES BLANK AT RIGHT

**Data Group 4 (SEC/POS. 2)**  
Secondary Telco No. (0 - 9; up to 12 digits)  
SEE NOTE 2 UNDER DATA GROUP 6  
  
LEAVE UNUSED BOXES BLANK AT RIGHT

**Data Group 5 (PRI/POS. 3)**  
Primary Subscriber ID (0 - 9; 3 or 4 digits)  
SEE NOTE 1 UNDER DATA GROUP 6

SEC

**Data Group 6 (PRI/POS. 3)**  
Secondary Subscriber ID (0 - 9; 3 or 4 digits)  
NOTES:

1. Leave the 4th box blank if only 3 digits are to be reported.
2. To report all messages to a single receiver, Secondary Telco no. and Sub ID should be the same as primary ones. Also, leave PROM locations for PRI/SEC No. only options unprogrammed.

### Data Group 7 (POS.4)

Report Codes (0 - 9; B - F HEX)

<input type="checkbox"/> CLOSING	<input type="checkbox"/> DURESS/PANIC (ZONE 2)
SW 1 2 3 4	5 6 7 8
BIT 1 2 4 8	1 2 4 8
WGT (SEE HEX CODING CHART)	

### Data Group 8 (POS.5)

Report Codes (0 - 9; B - F HEX)

<input type="checkbox"/> OPENING	<input type="checkbox"/> FIRE (ZONE 1)
SW 1 2 3 4	5 6 7 8
BIT 1 2 4 8	1 2 4 8
WGT (SEE HEX CODING CHART)	

### Data Group 9 (POS.6)

<input type="checkbox"/> ALARM SOUNDER TIMEOUT (0 - 15 min)	<input type="checkbox"/> CANCEL REPORT CODE (0-9; B-F HEX)
SW 1 2 3 4	5 6 7 8
BIT 1 2 4 8	1 2 4 8
WGT (SEE HEX CODING CHART)	

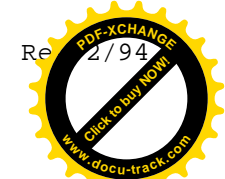
### Data Group 10 (POS.7)

<input type="checkbox"/> ENTRY DELAY TIME 0 - 15 (TIMES # SEC)	
SW 1 2 3 4	5 6 7 8
EXIT DELAY (INCREMENTS OF # SEC)	FIRE (ZONE 1)
DURESS PANIC (ZONE 2)	PERM # 2 BURG (ZONE 3)
ENTRY/ EXIT BURG (ZONE 4)	
1 2 4 8	1 2 4 8
WGT REPORT TO SEC. TELCO # IN ADDITION TO PRIMARY	

### Data Group 11 (POS.8)

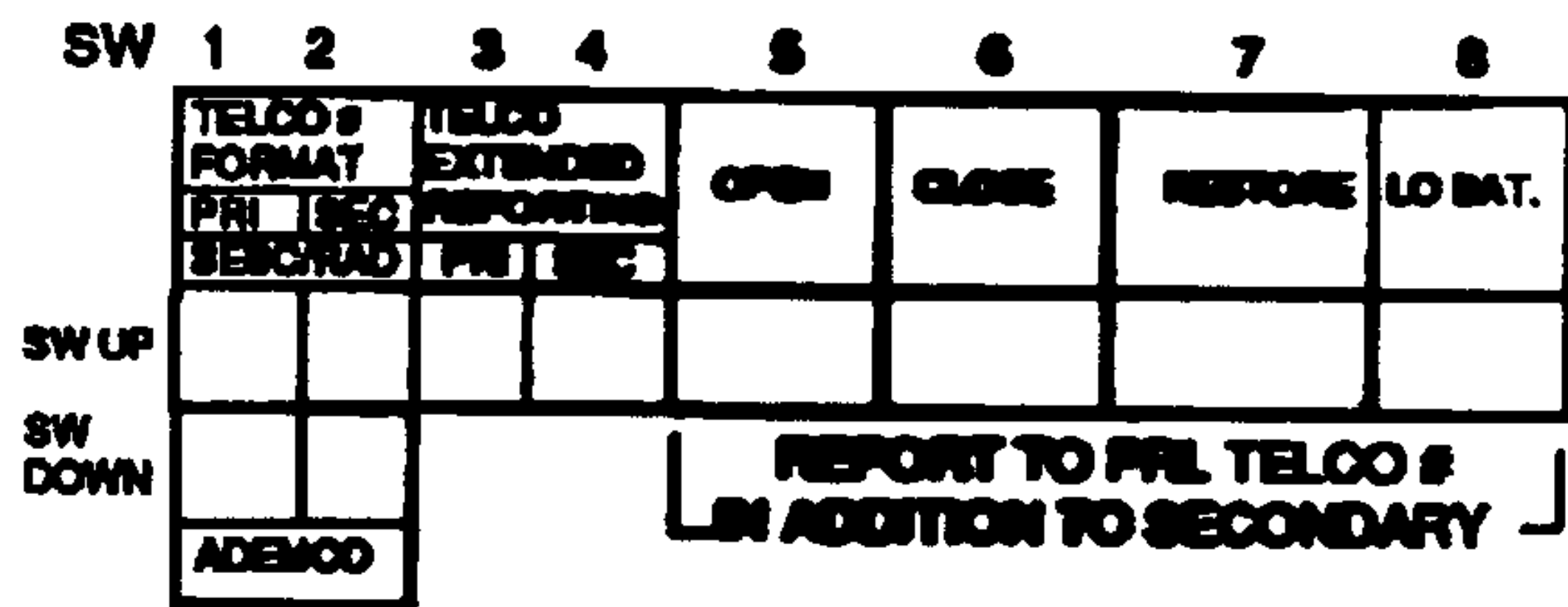
<input type="checkbox"/> ENTRY DELAY TIME 0 - 15 (TIME# # SEC)	
SW 1 2 3 4	5 6 7 8
ENTRY DELAY (INCREMENTS OF # SEC)	PERM # 1 BURG (ZONE 5)
INT BURG (ZONE 6)	KEYPAD EMGY KEYS (ZONE 7)
CANCEL	
1 2 4 8	1 2 4 8
WGT REPORT TO SEC. TELCO # IN ADDITION TO PRIMARY	





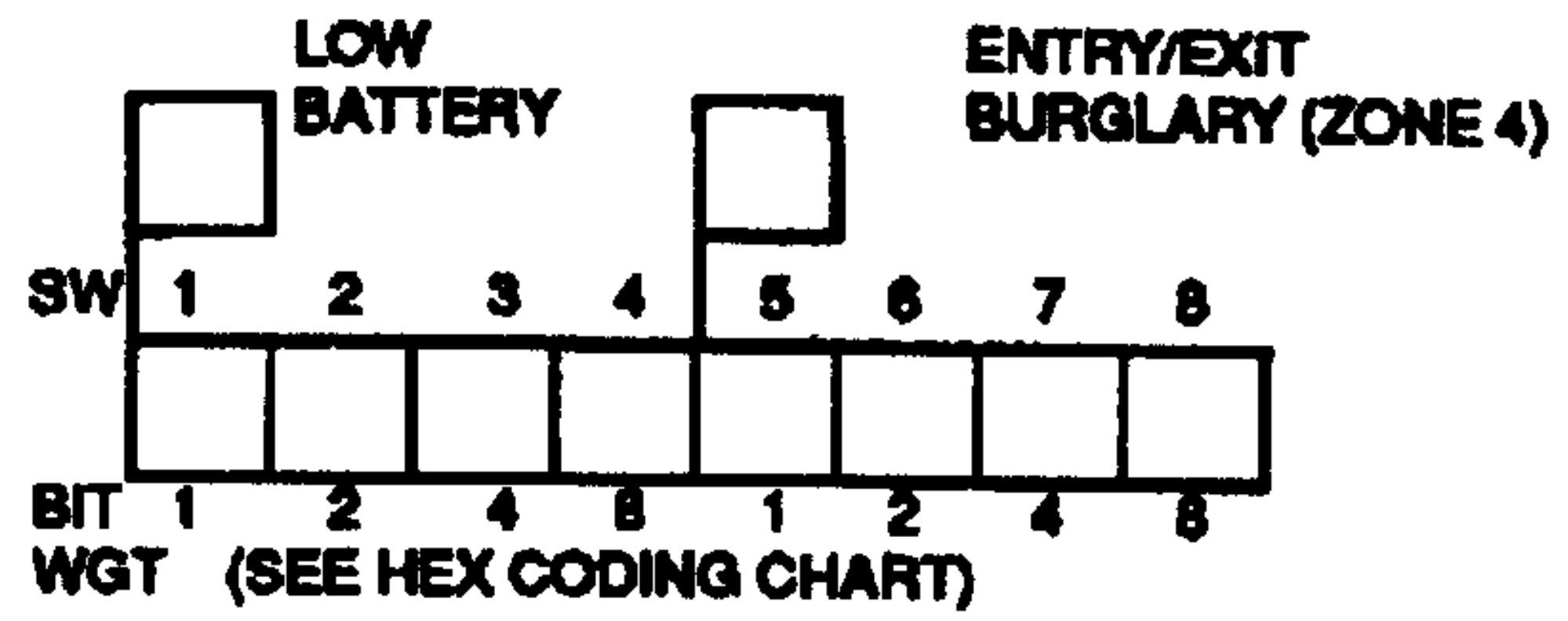
## 4150 [VERSION 2/3] PROGRAMMING FORM (2 of 2)

### Data Group 12 (POS.9)

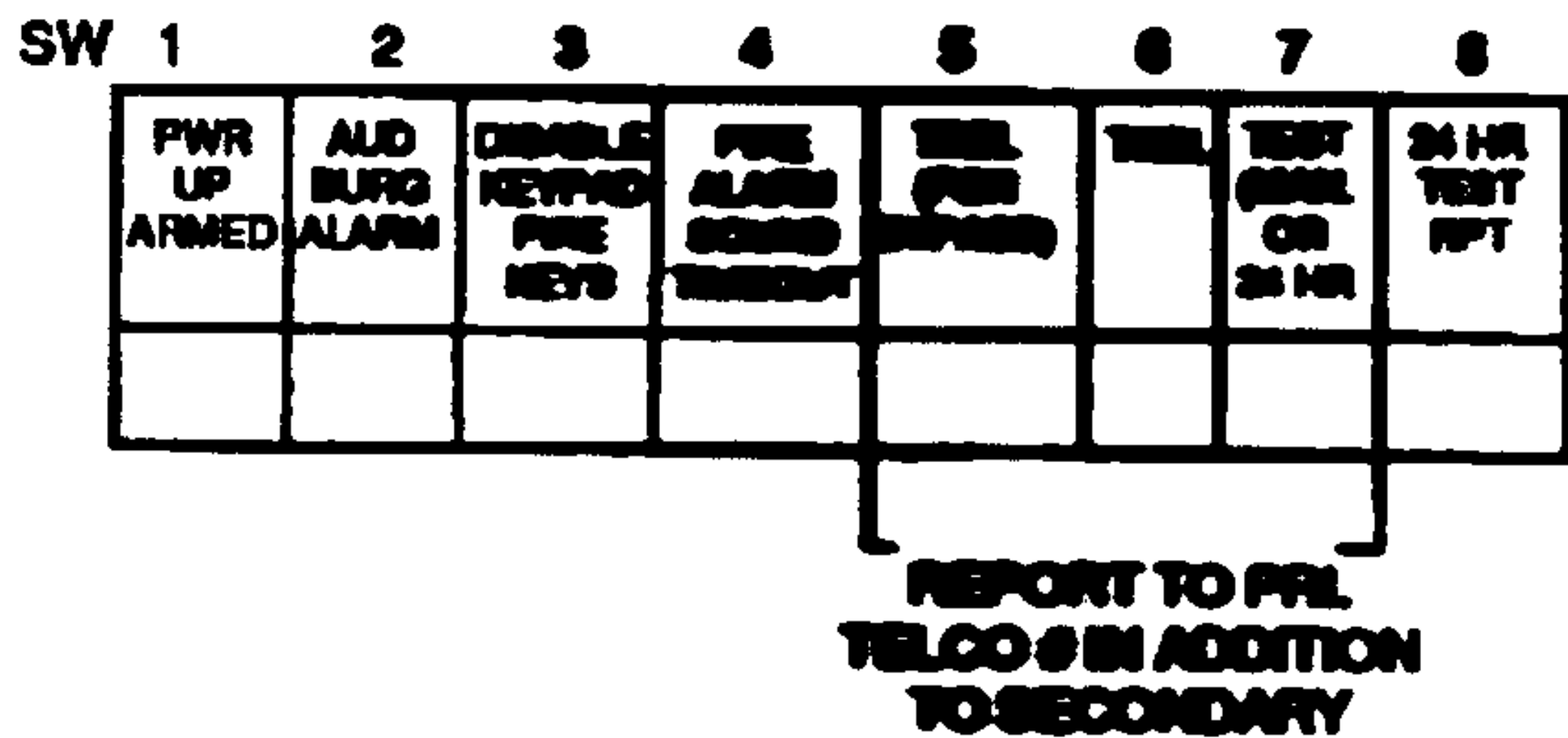


### Data Group 17 (POS.14)

Report Codes (0-9; B-F HEX)

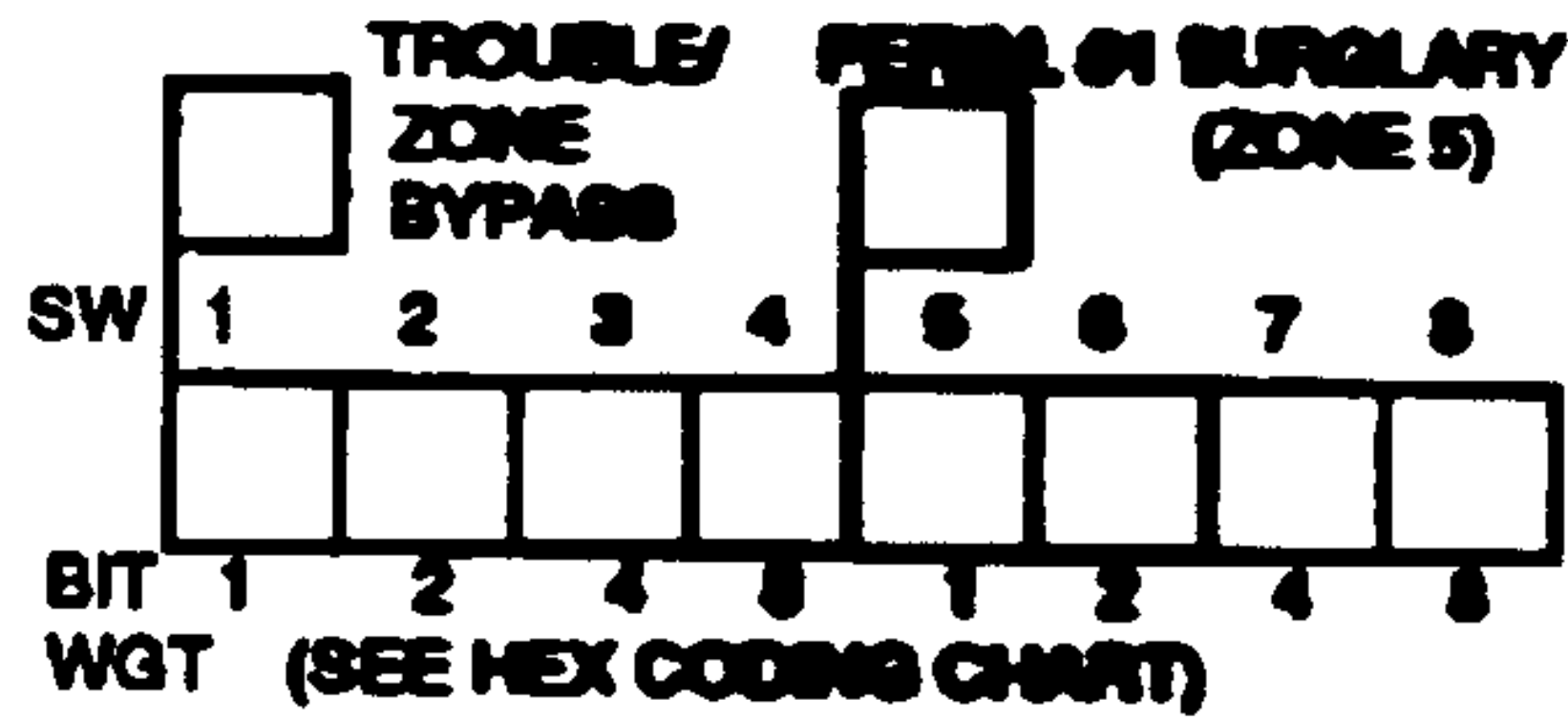


### Data Group 13 (POS.10)



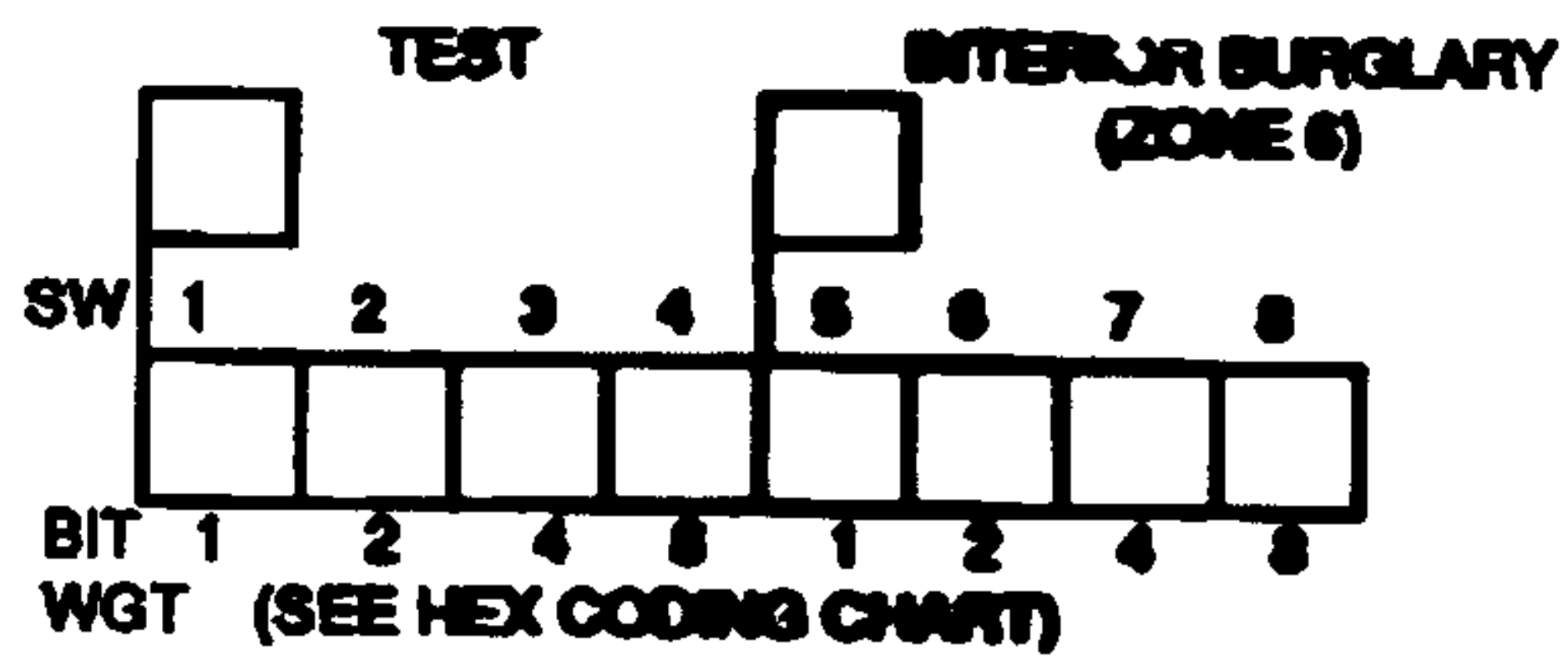
### Data Group 14 (POS.11)

Report Codes (0-9; B-F HEX)



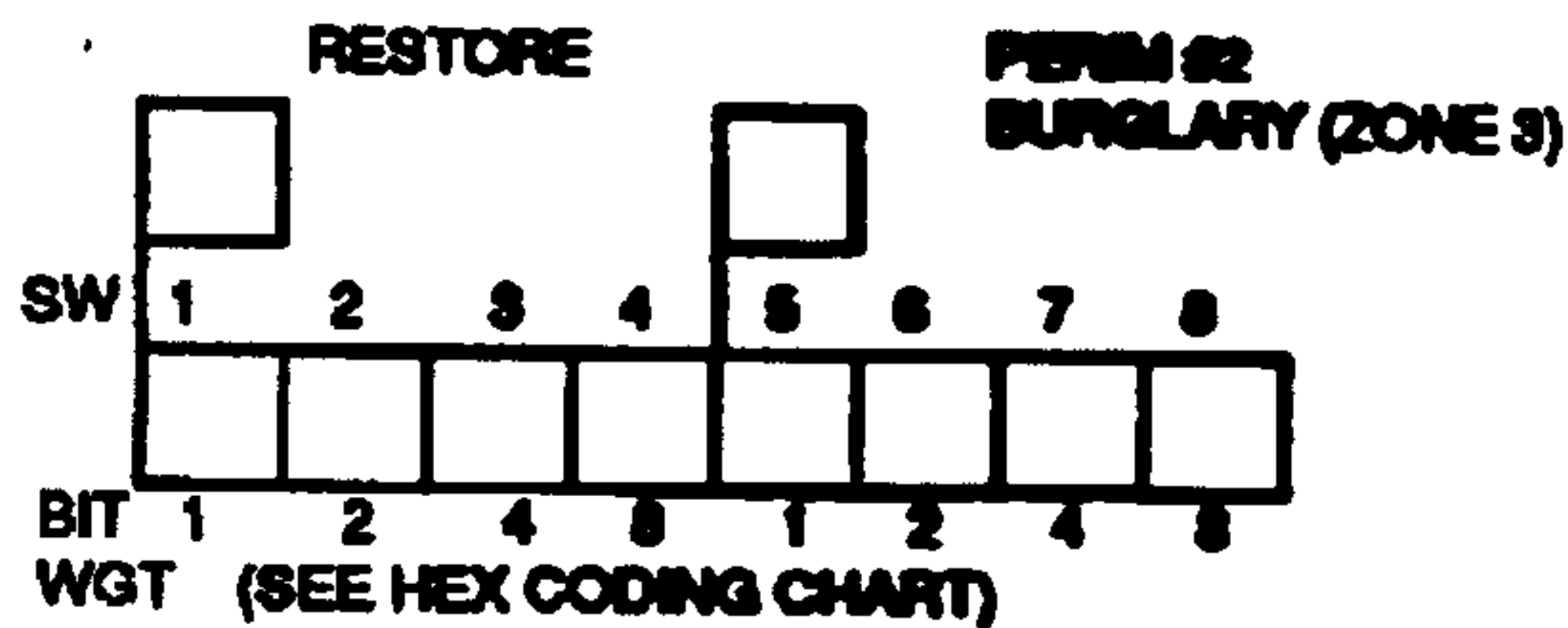
### Data Group 15 (POS.12)

Report Codes (0-9; B-F HEX)

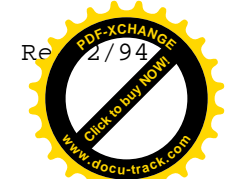


### Data Group 16 (POS.13)

Report Codes (0-9; B-F HEX)



HEX CODING CHART	CODE	BIT WEIGHT				CODE	BIT WEIGHT			
		1	2	4	8		1	2	4	8
0(10)		✓	✓	✓	✓	0	✓	✓	✓	✓
1		✓	✓	✓		1	✓	✓	✓	
2		✓	✓		✓	2	✓	✓		✓
3		✓	✓			3	✓	✓		
4		✓		✓	✓	C(12)	✓	✓	✓	✓
5		✓		✓		D(13)	✓	✓	✓	
6		✓			✓	E(14)	✓	✓		✓
7		✓				F(15)	✓	✓		



### 4152 [VECTOR 2000] PROGRAMMING FORM (1 of 2)

**MASTER SECURITY CODE** 00     (0-9)

**PABX ACCESS CODE** 01   (0-9)

**SUBSCRIBER ACCT. No.** 02      (0-9, B-F)

**PRIMARY PHONE No.** 03         (0-9)

**SECOND PHONE No.** 04         (0-9)

**ASSIGN ZONE (ALARM RESPONSE) TO SENSORS**

0 = UNUSED      4 = D/N  
1 = E/E          5 = 24 HR  
2 = PER          6 = 24 HR  
3 = INT/F        7 = FIRE

05         (1-8)

06         (9-16)

07         (17-24)

08         (25-32)

**DIAL PAUSE (SECS.)** 09  (0=5, 1=11, 2=30)

**DESIGNATE RIGHT LOOP USAGE** (1 = RIGHT LOOP, 0 = OTHER USAGE)

10         (1-8)

11         (9-16)

12         (17-24)

13         (25-32)

**PRIMARY ACK WAIT (secs)** 14  (0=30, 1=60)

**PRIMARY XMIT FORMAT** 15  (0=ADMCO; 1=SESC/RAD)

**SECOND ACK WAIT (secs)** 16  (0=30, 1=60)

**SECOND XMIT FORMAT** 17  (0=ADMCO; 1=SESC/RAD)

**TROUBLE REPORT** 18  (0=STD; 1=EXP)

**BYPASS REPORT** 19  (0=STD; 1=EXP)

**RESTORE REPORT** 20  (0=STD; 1=EXP)

**LOW BATT REPORT** 21  (0=STD; 1=EXP)

**OPEN/CLOSE REPORT** 22  (0=STD; 1=EXP)

**NON-ALARM ROUTING** 23  (0=PRI; 1=SEC)

**BACKUP REPORTING** 24  (0=PRIMARY; 1=Y)

**ARM 'DING' ENABLE** 25  (0=N; 1=Y)

**LOOP MODULE ENABLE** 26  (0=N; 1=Y)

**MULTIPLE ALARMS** 27  (0=N; 1=Y)

**NO FIRE TIME OUT** 28  (0=N; 1=Y)

**CONSOLE BURG SND** 29  (0=N; 1=Y)

**DISABLE TAMPER** 30  (0=N; 1=Y)

**TEST RPT ENABLE** 31  (0=N; 1=Y)

**TEST RPT INTERVAL (HRS)** 32  (0=12; 1=24)

**PWR UP IN PREV STATE** 33  (0=N; 1=Y)

**ZONES 1-8 ALARM REPORT CODE** (0-9; B-F)

34   E/E-ZN1  
  PER-ZN2  
  INT-ZN3  
  D/N-ZN4  
  24 HR-ZN5  
  24 HR-ZN6  
  FIRE-ZN 7  
  DURESS

**OTHER MSG RPTS** (0-9; B-F)

35   TROUBLE  
  TRB (2nd digit)  
  BYPASS  
  BYP (2nd digit)  
  LOW BAT  
  L BAT (2nd digit)  
  RESTORE  
  CLOSE  
  OPEN  
  TEST

**ENTRY DELAY** (00-15 x 15 SECS) 36

**EXIT DELAY** (00-15 x 15 SECS) 37

**SNDR DURATION** (00-15 x 2 mins) 38

**BYPASS IND.** (0=N; 1=Y) 39

**ZN 5 ALARM RESP** (0=AUX; 1=SIL; 2=AUD) 40  2

**ZN 6 ALARM RESP** (0=AUX; 1=SIL; 2=AUD) 41  0

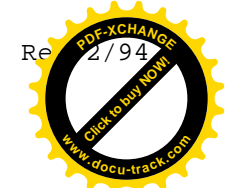
**ALARM RPT** (0=STD; 1=EXP) 42  0

**FIRE INDICATION** (0=N; 1=Y) 43

*Froula*

3  
5  
4  
0  
6  
6  
2  
1

0  
0  
0  
0  
0  
1  
0  
0  
1  
4  
0  
0  
0  
9  
0  
0  
0



## 4152 [VECTOR 2000] PROGRAMMING FORM (2 of 2)

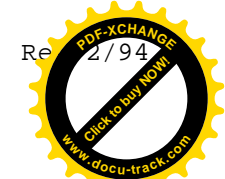
AC LOSS SOUND	46	<input type="checkbox"/>	(P-R: 1-Y)												
16 SEC RPT DELAY	45	<input type="checkbox"/>	(P-R: 1-Y)												
QUICK ARM	45	<input type="checkbox"/>	(P-R: 1-Y)												
ENBL 4 DIGIT SUBS ID	47	<input type="checkbox"/>	(P-R: 1-Y)												
SUBS ID 4th DIGIT	48	<input type="checkbox"/>	(P-R: B-F: SEE TABLE BELOW)												
4+2 XMIT FORMAT	49	<input type="checkbox"/>	(P-R: 1-Y) 0												
NOT USED	50	<input checked="" type="checkbox"/>	(P-R: 0)												
ZN 1 RSTR RPT	51	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 2 RSTR RPT	52	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 3 RSTR RPT	53	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 4 RSTR RPT	54	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 5 RSTR RPT	55	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 6 RSTR RPT	56	<input type="checkbox"/>	(P-R: 1-Y)												
ZN 7 RSTR RPT	57	<input type="checkbox"/>	(P-R: 1-Y)												
<b>SENSORS ASSIGNED TO PULSE COUNT CAPABILITY</b>	58	<table border="1" style="border-collapse: collapse; width: 40px; height: 60px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>													(P-R: 1-15)
DIAL TONE DETECT	59	<input type="checkbox"/>	(P-R: 1-PULSE ONLY)												
4 Hr AC LOSS ALARM	60	<input type="checkbox"/>	(P-R: 1-Y)												
NOT USED	61	<input checked="" type="checkbox"/>	(P-R: 0)												

HEXADECIMAL - TO - DECIMAL ENTRY CORRELATION	
0 = 00	8 = 08
1 = 01	9 = 09
2 = 02	A = 10
3 = 03	B = 11
4 = 04	C = 12
5 = 05	D = 13
6 = 06	E = 14
7 = 07	F = 15

## 4153 [VECTOR 3000] PROGRAMMING FORM (1 of 2)

<p><b>MASTER SECURITY CODE (0-9)</b> 00 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>ASSIGN ZONE (ALARM RESPONSE) TO SENSORS</b></p> <p>0=UNUSED      5= 24HR 1= E/E          6= 24HR 2= PER          7= FIRE 3= INT/F 4= D/N</p> <p><b>DESIGNATE RIGHT LOOP USAGE</b> (1= RIGHT ; 0= OTHER)</p> <p><b>ENTRY DELAY (00-15)</b> 09 <input type="text"/> <input type="text"/> x 10 SECS</p> <p><b>EXIT DELAY (00-15)</b> 10 <input type="text"/> <input type="text"/> x 10 SECS</p> <p><b>SOUNDER DURATION (00-15)</b> 11 <input type="text"/> <input type="text"/> x 2 MINS.</p> <p><b>SENSORS ASSIGNED TO THE PULSE COUNT CAPABILITY (01 - 15)</b></p> <p>12 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>CONF. ARM "DING" ENABLE</b> 13 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>AC LOSS SOUNDING</b> 14 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>LTCHD CNSL SND, BGLRY</b> 15 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>NO FIRE TIME OUT</b> 16 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>FIRE INDICATION</b> 17 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>BYPASS INDICATION</b> 18 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>MULTIPLE ALARMS</b> 19 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>DISABLE TAMPER</b> 20 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>TEST REPORT ENABLE</b> 21 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>TEST REPORT INTERVAL (HRS)</b> 22 <input type="text"/> (1=24; 0=12)</p> <p><b>ZN 5 ALARM RESPONSE</b> 23 <input type="checkbox"/> (0= AUX; 1= SIL; 2= AUD)</p> <p><b>ZN 6 ALARM RESPONSE</b> 24 <input type="checkbox"/> (0= AUX; 1= SIL; 2= AUD)</p> <p><b>PWR-UP IN PREV STATE</b> 25 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>QUICK ARM</b> 26 <input type="checkbox"/> (1-Y; 0-N)</p>	<p>1 2 3 4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27 28 29 30</p> <p>31 32 33 34 35 36 37 38 39 40</p> <p>1 2 3 4 5 6 7 8 9 10</p> <p>11 12 13 14 15 16 17 18 19 20</p> <p>21 22 23 24 25 26 27 28 29 30</p> <p>31 32 33 34 35 36 37 38 39 40</p>	<p><b>LOOP MODULE ENABLE</b> 27 <input type="checkbox"/> (1-Y; 0-N)</p> <p><b>NOT USED</b> 28 <input type="text"/> <input type="text"/></p> <p><b>PABX ACCESS CODE (0-9)</b> 29 <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>SUB ACCT NUMBER (0-9; B-F) 3 or 4 digits</b> 30 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>PRIMARY PHONE # (0-9)</b> 31 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>SECOND PHONE # (0-9)</b> 32 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><b>TOUCHTONE DIALING</b> 33 <input type="checkbox"/> (1-Y, 0= PULSE)</p> <p><b>DIAL PAUSE ( SECS )</b> 34 <input type="text"/> (0=5, 1=11, 2=30)</p> <p><b>DIAL TONE DETECT</b> 35 <input type="checkbox"/> (0=Y, 1=PAUSE)</p> <p><b>RING DETECTOR</b> 36 <input type="text"/> <input type="text"/> (00=NO, 01-15=# of RINGS)</p> <p><b>PRIMRY ACK WAIT (SECS)</b> 37 <input type="text"/> (0=30, 1=60)</p> <p><b>PRIMRY XMIT FORMAT</b> 38 <input type="checkbox"/> (0= ADEMCO 1=SESCOA/RAD.)</p> <p><b>SECOND ACK WAIT (SECS)</b> 39 <input type="text"/> (0=30, 1=60)</p> <p><b>SECOND XMIT FORMAT</b> 40 <input type="checkbox"/> (0=ADEMCO 1=SESCOA/RAD)</p> <p><b>4+2 XMIT FRMT BY SNSR</b> 41 <input type="checkbox"/> (1-Y, 0=N)</p> <p><b>ALARM RPT</b> 42 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>TROUBLE REPORT</b> 43 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>BYPASS REPORT</b> 44 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>RESTORE REPORT</b> 45 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>LOW BTRY RPT</b> 46 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>OPEN/CLOSE RPT</b> 47 <input type="checkbox"/> (0= STD; 1=EXP)</p> <p><b>NON-ALARM ROUTING</b> 48 <input type="checkbox"/> (0= PRI; 1=SEC)</p> <p><b>BACKUP REPORTING</b> 49 <input type="checkbox"/> (1-Y; 0=PRIMARY)</p> <p><b>ZONES 1-8 ALARM REPORT CODE (0-9; B-F)</b> 50 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p>(SEE OTHER SIDE FOR CONVERSION CHART)</p> <p>E/E PER INT D/N 24 HR-ZN5 24HR-ZN6 FIRE DURESS</p>
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## 4160 / 4160-12 PROGRAMMING FORM (1 of 2)

FOR DETAILED PROGRAMMING INFORMATION, SEE THE INSTALLATION INSTRUCTIONS

### A. CONTROL PROM

#### Data Group 1: (SEC/POS.2)

- 1. ENTRY DELAY \_\_\_\_\_ = 15secs X (0-9)
- 2. EXIT DELAY \_\_\_\_\_ = 15secs X (0-9)
- 3. EXIT ALARM SNDR/PRI COMM DELAY \_\_\_\_\_ = 15secs X (0-9)
- 4. ALARM SOUNDER TIMEOUT \_\_\_\_\_ = 4 min X (0-9)
- 5. AC POWER FAIL REACTION DELAY \_\_\_\_\_ = 4 min X (0-9)

#### 6. ENTRY/EXIT DELAY ZONES

Zn 1	1	Zns 1,3	5
Zn 2	2	Zns 2,3	6
Zns 1, 2	3	Zns 1,2,3	7
Zn 3	4	None	0

No. of Box Checked

#### 7. FAST RESPONSE (15msec) ZONES

Zn 1	1	Zns 2,4	5
Zn 3	2	Zns 3,4	6
Zns 2,3	3	Zns 2,3,4	7
Zn 4	4	None	0

No. of Box Checked

#### 8. ZONE 4 TYPE SELECTION

Alarm Timeout: YES	NO
Night Burglary	4
Fire	5
Day/Night Burglary	6

No. of Box Checked

#### 9. ZONES 5&6 TYPE SELECTION

Console Display	ZONE 5	ZONE 6	
On	Sil. Panic	Burg.	0
Off	Sil. Panic	Burg.	4
On	Sil. Panic	Aud. Panic	2
Off	Sil. Panic	Aud. Panic	6
On	Aud. Panic	Burg.	1
On	Aud. Panic	Aud. Panic	3

No. of Box Checked

#### 10. ALARM SOUNDER OPTIONS

A = Armed Output HIGH (TB1-1)  
B = Armed Output LOW (TB1-1)

Rapid, No Ding	0	B	4
Slow, No Ding	1		5
Rapid, Ding	2		6
Slow, Ding	3		7

No. of Box Checked

#### 11. MASTER CODE DOMINANCE

- 1 = Secondary codes usable at any time.
- 0 = Arming with master code inhibits disarming with secondary codes.

#### 12. NOT USED

#### Data Group 2: ( PRI/POS.2)

COMMUNICATOR ALARM CODE/CHANNEL (1-8, OR 0 IF NONE) ASSIGNED TO:

- 1. ZONE 1
- 2. ZONE 2
- 3. ZONE 3
- 4. ZONE 4
- 5. ZONE 5
- 6. ZONE 6
- 7. DUESS
- 8 - 12 NOT USED

#### Data Group 3: ( PRI/POS.3)

MASTER SECURITY CODE ( 0-9, Fill in 4 Digits )

#### Data Group 4: (POS.6)

COMMUNICATOR REPORT SELECTION:

[1] OPEN/CLOSE	[2] SHUNTED ZONES	[3] ZONE 4 TROUB	[4] AC FAIL LO BAT	[5] CANCEL CODE	[6] NOT USED	[7] NOT USED	[8] NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 5: (POS.7)

SECONDARY 16 SECOND COMMUNICATOR REPORT DELAY:

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 4 TRBL	CLOSE RPT
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 6: (POS.8)

COMMUNICATOR RPT TO SECONDARY No. ONLY :

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 4 TRBL	OPEN/CLOSE SHUNTS
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 7: (POS.9)

MISCELLANEOUS COMMUNICATOR REPORT SELECTION:

ALL REPORTS IN ONE CALL	DUESS TO 2ND NUMBER ONLY	AC FAIL LO BATT TEST TO 2ND No.	LO BATT IN HIGH SPEED FORMAT	NOT USED	NOT USED	DUAL REPORT	ALTERNATE BY PAIRS DIALING
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 8: (POS.10)

CENTRAL STATION RESTORE REPORTS:

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 4 TRBL	NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 9: (POS.11)

PERMIT FORCED ARMING SHUNT:

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	NOT USED	NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 10: (POS.12)

PERMIT INDIVIDUAL KEYPAD SHUNT:

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	NOT USED	NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 11: (POS.13)

LOCAL RESTORE (MULTIPLE ALARMS):

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	NOT USED	NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Data Group 12: (POS.14)

DELAY SIREN & COMMUNICATOR AS DESCRIBED IN GR. 1.3:

ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	NOT USED	NOT USED
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ONLY IF BURGL.                      ONLY IF BURGL.

## 4160 / 4160-12 PROGRAMMING FORM (2 of 2)

### B. COMMUNICATION PROBLEMS

**Data Group 1: (POS.1)**  
 Primary PABX No. (0-9; up to 4 digits)

**Data Group 2: (SEC.POS.1)**  
 Secondary PABX No. (0-9; up to 4 digits)

**Data Group 3: (POS.2)**  
 Primary TELCO No. (0-9; up to 12 digits)

**Data Group 4: (SEC.POS.2)**  
 Secondary TELCO No. (0-9; up to 12 digits)

**Data Group 5: (POS.3)**  
 Primary Sub ID (0-9; up to 4 digits)

**Data Group 6: (SEC.POS.3)**  
 Secondary Sub ID (0-9; up to 4 digits)

**Data Group 7: (POS.4)**  
 Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)

SW	TROUBLE				REPAIR			
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8

**Data Group 8: (POS.5)**  
 Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)

SW	OFFLINE				BUSINESS			
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8

**Data Group 9: (POS.6)**  
 Max No. of ATTEMPTS to Dial (1-15)

SW	ATTEMPTS							
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8

**Data Group 10: (POS.7) Ack Wait, Verification, and Reporting Formats for PRI TELCO No. (Check as required):**

	1	2 3 4 5 6	7	8
	ACK WAIT (SEC)	FORMAT	VERIFY CHK SUM HS/RAD	LO SPD RPT EXT/BFSK
SW UP				
SW DN				
	30	(SEE TABLE)	DBL MSG	STD

HEX CODING CHART	CODE	BIT	WGT	CHK	BIT	WGT
	0 (7)				8	
	1				8 (7)	
	2				8 (7)	
	3				8 (7)	
	4				8 (7)	
	5				8 (7)	
	6				8 (7)	
	7				8 (7)	

**Data Group 11: (POS.8) Ack Wait, Verification, and Reporting Formats for SEC TELCO No. (Check as required):**

	1	2 3 4 5 6	7	8
	ACK WAIT (SEC)	FORMAT	VERIFY CHK SUM HS/RAD	LO SPD RPT EXT/BFSK
SW UP				
SW DN				
	30	(SEE TABLE)	DBL MSG	STD

FORMAT	2	3	4	5	6
ADEMCO LOW	↓	↓	↓	↓	↓
SESCOA	↓	↓	↓	↓	↓
RADIONICS	↓	↓	↓	↓	↓
RAD SUP FST	↓	↓	↓	↓	↓
BFSK	↓	↓	↓	↓	↓
ADEMCO HIGH	↑	↑	↑	↑	↑

**Data Group 12: (POS.9) Dialing & Reporting Char.**

	1	2	3	4	5	6	7	8
	4 DIGITS	CHK 1.20 SUM SECS.	YES	TOUCH TONE	30 SEC DIAL TONE WAIT			
SW UP								
SW DN				✓				✓
	3 DIGITS LS SUB	DBL MSG LS	0.5 HS NO JAM	NO ANTI	PULSE DIAL	USE GR. 13 SW. 8		

**Data Group 13: (POS.10) Dialing & Reporting Char.**

	1	2	3	4	5	6	7	8
	YES	YES						5 SEC
SW UP								
SW DN	✓	✓			✓	✓	✓	
			NO 2nd SUB TO 2nd PH#	NO UNL TRY				11 Sec DIAL TONE WAIT

**Data Group 14: (POS.11) Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)**

SW	LOSS OF AC				ALARM RESTORE			
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8

**Data Group 15: (POS.12) Fire Zone Designation for "BFSK" alarm reporting (if Zn 4 selected as a fire zone):**

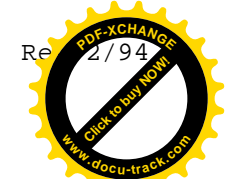
ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	NOT USED	NOT USED

**Data Group 16: (POS.13) Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)**

SW	ZONE BYPASS				BYPASS RESTORE			
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8

**Data Group 17: (POS.14) Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)**

SW	TEST				LOW BATTERY			
	1	2	3	4	5	6	7	8
BIT WGT	1	2	4	8	1	2	4	8



# 4180EC / 4180-12 PROGRAMMING FORM (1 of 2)

FOR DETAILED PROGRAMMING INFORMATION, SEE THE INSTALLATION INSTRUCTIONS

## A. CONTROL PROM

### Data Group 1 (SEC/POS.2)

1. ENTRY DELAY \_\_\_ = 15 secs X (0-9)

2. EXIT DELAY \_\_\_ = 15 secs X (0-9)

3. EXT ALRM SNDR/PRI COMM DELAY \_\_\_ = 15 secs X (0-9)

4. ALRM SNDR TIMEOUT \_\_\_ = 4min X (0-9)

5. AC PWR FAIL REACTION DELAY \_\_\_ = 4 min X (0-9)

6 PWR-UP MODE SELECTION (1 = DISARMED; 0 = ARMED) \_\_\_\_\_

INHIBIT MSTR SEC CODE? (2 = YES; 0 = NO) \_\_\_\_\_

ANSWERS ARMED & NO = 8  
DISARMED OR YES = 0

TOTAL:

7. "TROUBLE" TO 2ND PHONE ONLY? (1 = Y; 0 = N) \_\_\_\_\_

OPENCLOSE & BYPASS TO 2ND PHONE ONLY? (2 = Y; 0 = N) \_\_\_\_\_

18 SEC DELAY REPORTING CLOSINGS? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

8. INHIBIT EXT SNDR IF TELCO FAULTS? (1 = Y; 0 = N) \_\_\_\_\_

CONFIRM OF ARMING DING? (2 = Y; 0 = N) \_\_\_\_\_

ARMING STATUS OUTPUT HIGH? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

9. ALL REPORTS TO ONE NUMBER/CALL? (1 = Y; 0 = N) \_\_\_\_\_

DURESS TO 2ND NUMBER ONLY? (2 = Y; 0 = N) \_\_\_\_\_

AC LOSS; TEST; LO BATT TO 2ND NUMBER ONLY? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

10. ENABLE OPEN/CLOSE REPORTING? (1 = Y; 0 = N) \_\_\_\_\_

ENABLE BYPASS REPORTING? (2 = Y; 0 = N) \_\_\_\_\_

ENABLE TROUBLE REPORTING? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

11. ENABLE ALARM RELAY DURING BURGLAR? (1 = Y; 0 = N) \_\_\_\_\_

ENABLE EXT SIREN DURING BURGLAR? (2 = Y; 0 = N) \_\_\_\_\_

EXT SOUNDERS TO REMAIN ON AFTER TIMEOUT FOR FIRE? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

12. ZONE RESTORE ENABLE (ZONES 1-4) (SEE ZONE COMB. TABLE AT END OF FORM)

OR  1ST +  2ND PASS

### Data Group 2 (PRI/POS.2)

COMMUNICATOR ALARM CODE/ CHANNEL (1 - 8, OR 0 IF NONE) ASSIGNED TO:

1. ZONE 1  5. ZONE 5

2. ZONE 2  6. ZONE 6

3. ZONE 3  7. ZONE 7

4. ZONE 4  8. ZONE 8

9. ENABLE LOW BAT. REPORTING IN ADEMCO HI SPEED OR RADIONICS "BFSK" FORMAT? (1 = Y; 0 = N) \_\_\_\_\_

ENABLE DUAL REPORT? (2 = Y; 0 = N) \_\_\_\_\_

ENABLE ALTERNATE BY PAIRS RPT? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

10. ENABLE AC POWER FAIL & LOW BATT RPT? (1 = Y; 0 = N) \_\_\_\_\_

ENBL ALM SOUNDING AFTER AC LOSS? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

11. ENBL ALM RELAY DURING FIRE? (1 = Y; 0 = N) \_\_\_\_\_

ENBL. EXT. SIREN DURING FIRE? (2 = Y; 0 = N) \_\_\_\_\_

LATCH ALM RLY AFTER TIMEOUT UNTIL NEXT DISARMED? (4 = Y; 0 = N) \_\_\_\_\_

ALL ABOVE ANSWERS "NO"? (8 = ALL NO; 0 = NOT ALL NO) \_\_\_\_\_

TOTAL:

12. ZONE RESTORE ENABLE (ZONES 5-8) (SEE ZONE COMB. TABLE AT END OF FORM)

OR  1ST +  2ND PASS

### Data Group 3: (PRI/POS.3)

MASTER SECURITY CODE (0-9; FILL IN 4 DIGITS)

### Data Group 4 (SEC/POS.3)

1. CONSOLE "FIRE" KEYS ASS'D TO ZONE (1-8; OR 0 TO DISABLE)

2. CONSOLE "POLICE" KEYS ASS'D TO ZONE (1-8; OR 0 TO DISABLE)

3. CONSOLE "EMERG" KEYS ASS'D TO ZONE (1-8; OR 0 TO DISABLE)

4. FAST RESPONSE ENBL (ZONES 5-8) (SEE ZONE COMB TABLE AT END OF FORM)

OR  1ST +  2ND PASS

### Data Group 5: (POS. 5)

TBL ON OPEN SELECT

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 6: (POS. 4)

24 HOUR ZONE SELECT

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 7: (POS. 13)

FIRE ZONE SELECT

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 8: (POS.14)

ENTRY/EXIT ZONE SELECT

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 9: (POS. 11)

CHIME ENABLE

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 10: (POS. 12)

EXTERIOR ALRM SNDR/ PRIMARY COMMUNICATOR DELAY ENABLE

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 11: (POS. 6)

INTERIOR ZONE SELECT

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 12: (POS. 7)

BYPASS ENABLE

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 13: (POS. 8)

16 SEC DIALR DLY ENABLE

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

### Data Group 14: (POS. 9)

DIALER CALL 2ND # ONLY

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8



# 4180EC / 4180-12 PROGRAMMING FORM (2 of 2)

**Data Group 18: (POS. 18)**

Zn 1	Zn 2	Zn 3	Zn 4	Zn 5	Zn 6	Zn 7	Zn 8

**Data Group 19: (POS. 19)**  
(SEE ZONE COMB. TABLE)

1. LITES ON ENABLE (ZONES 1-4)

OR  SET -

2. EXT SNDR B-CHRT (ZONES 1-4)

OR  SET -

3. CONSOLE SOUNDER (ZONES 1-4)

OR  SET -

4. TRBL ON SHORF (ZONES 1-4)

OR  SET -

**Data Group 17: (POS. 17)**  
(SEE ZONE COMB. TABLE)

1. LITES ON ENABLE (ZONES 1-4)

OR  SET -

2. EXT SNDR B-CHRT (ZONES 1-4)

OR  SET -

3. CONSOLE SOUNDER (ZONES 1-4)

OR  SET -

4. TRBL ON SHORF (ZONES 1-4)

OR  SET -

**B. COMMUNICATIONS**

**Data Group 1: (POS. 1)**  
Primary PASK No. (0 - 9; up to 4 digits)

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**Data Group 2: (POS. 2)**  
Secondary PASK No. (0 - 9; up to 4 digits)

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**Data Group 3: (POS. 3)**  
Primary TELCO No. (0 - 9; up to 8 digits)

--	--	--	--	--	--	--	--

**Data Group 4: (POS. 4)**  
Secondary TELCO No. (0 - 9; up to 12 digits)

--	--	--	--	--	--	--	--	--	--	--	--

**Data Group 5: (POS. 5)**  
Primary Sub ID (0 - 9; up to 4 digits)

--	--	--	--

**Data Group 6: (POS. 6)**  
Secondary Sub ID (0 - 9; up to 4 digits)

--	--	--	--

**Data Group 7: (POS. 4)**  
Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)

TROUBLE  TROUBLE RESTORE

--	--	--	--	--	--	--	--

WGT (SEE HEX CODING CHART)

**Data Group 8: (POS. 5)**  
Ademco Lo/SESC/Rad Report Codes (0 - 9; B-F HEX)

OPENING  CLOSING

--	--	--	--	--	--	--	--

WGT (SEE HEX CODING CHART)

**Data Group 9: (POS. 6)** Max No. of Attempts to Dial (1-15) and Ademco Lo/SESC/Rad Reporting Code (0 - 9; B-F HEX)

ATTEMPTS  DURESS CODE

--	--	--	--	--	--	--	--

WGT (SEE HEX CODING CHART)

**Data Group 10: (POS. 7)** Ack Wait, Verification, and Reporting Formats for PRI TELCO No. (check as reqd)

--	--	--	--	--	--	--	--

WGT (SEE TABLE) DBLE MSG STD

**Data Group 11: (POS. 8)** Ack Wait, Verification, and Reporting Formats for SEC TELCO No. (Check as reqd)

--	--	--	--	--	--	--	--

WGT (SEE TABLE) DBLE MSG STD

FORMAT	2	3	4	5	6
ADEMCO LOW	↓	↓	↓	↓	↓
MECOA	↓	↓	↓	↓	↓
WADRONCS	↓	↓	↓	↓	↓
WAD SUP FST	↓	↓	↓	↓	↓
WPAK	↓	↓	↓	↓	↓
ADEMCO HIGH	↑	↑	↑	↑	↑

**Data Group 12: (POS. 9)**  
Dialing & Reporting Characteristics.

1 2 3 4 5 6 7 8

CHK 40ST SUM 1.28 YES TT 30

--	--	--	--	--	--	--	--

SEND DIAL 0.5 NO PULSE NEXT  
LS MSG HS ANTI DIAL DIAL  
SUB LS NO JAM TONE WAIT

**Data Group 13: (POS. 10)**  
Dialing and Reporting Characteristics.

--	--	--	--	--	--	--	--

SW UP YES YES 5 SEC  
SW DN NO NO 11 SEC  
2nd UNL DIAL  
SUB TRY TONE  
TO WAIT  
2nd PH#

**Data Group 14: (POS. 11)**  
Ademco Lo/SESC/Rad Reporting Codes (0-9; B-F HEX)

LOSS OF AC  ALARM RESTORE

--	--	--	--	--	--	--	--

BIT 1 2 4 8 1 2 4 8  
WGT (SEE HEX CODING CHART)

**Data Group 15: (POS. 12)**  
Fire Zone Designation for "BFSK" alarm reporting.

--	--	--	--	--	--	--	--

**Data Group 16: (POS. 13)**  
Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)

ZONE BYPASS  BYPASS RESTR

--	--	--	--	--	--	--	--

BIT 1 2 4 8 1 2 4 8  
WGT (SEE HEX CODING CHART)

**Data Group 17: (POS. 14)**  
Ademco Lo/SESC/Rad Report Codes (0-9; B-F HEX)

TEST  LOW BATTERY

--	--	--	--	--	--	--	--

BIT 1 2 4 8 1 2 4 8  
WGT (SEE HEX CODING CHART)

**HEXADECIMAL CODING CHART**

CODE	BIT WEIGHT	CODE	BIT WEIGHT
	1 2 4 8		1 2 4 8
0 (10)		8	
1	✓	9	✓
2	✓	B (11)	✓
3	✓	C (12)	✓
4	✓	D (13)	✓
5	✓	E (14)	✓
6	✓	F (15)	✓
7	✓		

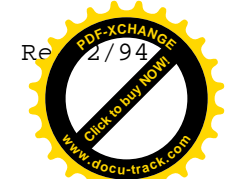
**ZONE COMBINATION TABLE**

ZONE COMBINATIONS		PROGRAM THESE VALUES
ZONES 1-4	ZONES 5-8	
1	5	1
2	6	2
3	7	4
4	8	8
1,2	5,6	3
1,3	5,7	5
1,4	5,8	9
1,2,3	5,6,7	7
2,3	6,7	6

USE 2-PASS PROCEDURE		FIRST PASS	SECOND PASS
2,4	6,8	2	8
1,2,4	5,6,8	3	8
3,4	7,8	4	8
1,3,4	5,7,8	5	8
2,3,4	6,7,8	6	8
1,2,3,4	5,6,7,8	7	8

NOTE: If option not desired, skip to next programming item.



### 5140XM PROGRAMMING FORM (1 of 4)

[SQUARE BRACKETS INDICATE STANDARD \*97 DEFAULT VALUES; OTHERWISE DEFAULT = 0]

**\*00 INSTALLER CODE** [5140]

Enter 4 digits, 0-9

**ASSIGN RESPONSE TYPE FOR ZONES**  
(Enter 00-19; see list below)

	*02	*03	*04	*05
1[09]	<input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>
2[09]	<input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>
3[03]	<input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>
4[03]	<input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0 0
5[03]	<input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/> Poll Loop Short [19]
6[03]	<input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/> (1+)
7[03]	<input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/> (3+ #)
8[03]	<input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/> (*+ #) [06]

NOTE: Non-zero entries act like Type 19 for zone 97

**Response Types:** 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire w/o alarm verification; 10 = Interior Delay; 16 = Fire with alarm verification; 17 = Fire Water Flow; 18 = Fire Supervisory; 19 = 24 hour Trouble

**\*09 ENTRY DELAY #1** 00-15 times 15 seconds [02]

**\*10 EXIT DELAY #1** 00-15 times 15 seconds [03]

**\*11 ENTRY DELAY #2** 00-15 times 15 seconds [03]

**\*12 EXIT DELAY #2** 00-15 times 15 seconds [04]

**\*13 BELL 1 TIMEOUT** 00-15 times 2 minutes; 00=no timeout [08]

**\*15 KEYSWITCH ENABLE** [0]

0=disable; 1=arms/disarms & silences alarm bells; 2= Silences alarms only if fire alarm present

**\*16 BELL 1 CONFIRMATION OF ARMING DING** [1]

1=enable; 0=disable

**\*17 AC PWR LOSS CONSOLE SOUNDING** [1]

1=yes; 0=no

**\*18 BELL 1 AC POWER LOSS ALARM** [0]

1=yes; 0=no

**\*19 AC RANDOMIZE** [2]

1=randomize 10-40 min.; 0=no; 2= randomize 6hr.-12hr.

**\*23 MULTIPLE ALARMS** [1]

1=yes; 0=no

**\*24 4190WH TAMPER DISABLE** [0]

1=disable; 0=enable

**\*25 BURGLARY TRIGGER FOR ZONE RESPONSE TYPE 8** [1]

1=enable; 0=disable

**\*26 INTELLIGENT TEST REPORTING** [0]

1=yes, (no report sent if any other report was recently sent); 0=no

**\*27 TEST REPORT INTERVAL** [024]

Enter interval in hours, 001-199; 000=no report

**\*28 POWER UP IN PREVIOUS STATE** [1]

1=yes; 0=no

**\*29 QUICK ARM** [1]

1=yes; 0=no

**\*30 MAIN DIALER TOUCHTONE/ROTARY** [0]

1=TouchTone; 0=rotary

**\*31 PABX ACCESS CODE**

00-09; B-F (11-15)

**\*32 PRIMARY SUBSCRIBER ACCT #**

Enter 00-09; B-F (11-15) [15 15 15 15]

**\*33 PRIMARY PHONE NUMBER**

Enter 0-9 for each digit

**\*34 SECONDARY PHONE NUMBER**

Enter 0-9 for each digit

**\*35 DOWNLOAD PHONE No.** Enter 0-9 for each digit:

**\*36 DOWNLOAD ID No.**

Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15]

**\*37 DOWNLOAD COMMAND ENABLES** (1=enable; 0=disable)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dialer Shutdown	System Shutdown	Not Used	Remote Bypass	Remote Disarm	Remote Arm	Upload Program	Download Program

See field 1\*53 for Callback disable option

**\*38 INHIBIT BYPASS OF ONE ZONE** [00]

01-64, 00 if all zones (except Fire & system zones) can be bypassed Applies to installer and all users

**\*39 OPEN/CLOSE REPORT FOR INSTALLER** [0]

1=yes; 0=no

**\*40 OPEN/CLOSE REPORT FOR KEYSWITCH** [0]

1=yes; 0=no

**\*41 EOLR DISABLE (Zones 3-8)** [0]

1=N.C.loops; 0=EOLR supervision

**\*42 DIAL TONE PAUSE** [0]

0=5 seconds; 1=11 seconds; 2=30 seconds

**\*43 DIAL TONE DETECTION** [1]

1=wait for true dial tone; 0=pause, then dial

**\*44 RING DETECTION COUNT** [00]

01-14; 15=answering machine; 00=no detection

**\*45 PRIMARY FORMAT** [0]

0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*46 LOW SPEED FORMAT (Primary)** [0]

0=Ademco Low Speed; 1=Sescoa/Radionics

**\*47 SECONDARY FORMAT** [0]

0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*48 LOW SPEED FORMAT (Sec.)** [0]

0=Ademco Low Speed; 1=Sescoa/Radionics

**\*49 CHECKSUM VERIFICATION** [0, 0]

1=yes; 0=no Prim Second

**\*50 SESCOA/RADIONICS** [0]

1=Sescoa; 0=Radionics

**\*51 DUAL REPORTING** [0]

1=yes; 0=no; If used with Split Reporting "1" option (1\*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, all reports go to primary, while only open/close and test messages go to secondary.

**\*52 STANDARD/EXPANDED REPORT FOR PRIMARY**

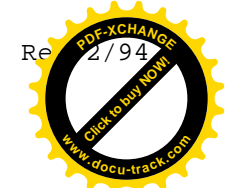
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm	Rstr	Bypass	Trbl	Opn/Cls	Low Bat
Fire Supv					Walk Test

[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.

**\*53 STANDARD/EXPANDED REPORT FOR SECONDARY**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alarm	Rstr	Bypass	Trbl	Opn/Cls	Low Bat
Fire Supv					Walk Test

[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.



### 01400000 PROGRAMMING FORM (2 of 4)

**REPORT CODES** **1-32**

**\*54 CODE** **\*55**

1	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>
6	<input type="checkbox"/>	<input type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>
8	<input type="checkbox"/>	<input type="checkbox"/>

**\*58 CODE** **\*59**

17	<input type="checkbox"/>	<input type="checkbox"/>
18	<input type="checkbox"/>	<input type="checkbox"/>
19	<input type="checkbox"/>	<input type="checkbox"/>
20	<input type="checkbox"/>	<input type="checkbox"/>
21	<input type="checkbox"/>	<input type="checkbox"/>
22	<input type="checkbox"/>	<input type="checkbox"/>
23	<input type="checkbox"/>	<input type="checkbox"/>
24	<input type="checkbox"/>	<input type="checkbox"/>

**\*68**

<input type="checkbox"/>	Alm/Supv Rst.
<input type="checkbox"/>	Trouble
<input type="checkbox"/>	Trble Rst.
<input type="checkbox"/>	Bypass
<input type="checkbox"/>	Bypas Rst.

**\*79 ZONE TYPE RESTORE ENABLE FOR ZONE TYPES 1-8**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8

1=enable; [0=disable]

**\*80 ZONE TYPE RESTORE FOR TYPES 9 & 10**

<input type="checkbox"/>	<input type="checkbox"/>
9	10

1=enable; [0=disable]

#### SYSTEM NON ALARM CODES

	<b>*81</b>	<b>*82</b>
	First Digit	Second Digit
Close	<input type="checkbox"/>	<input type="checkbox"/>
Open	<input type="checkbox"/>	<input type="checkbox"/>
Low Battery	<input type="checkbox"/>	<input type="checkbox"/>
Low Bat Res.	<input type="checkbox"/>	<input type="checkbox"/>
AC Loss	<input type="checkbox"/>	<input type="checkbox"/>
AC Restore	<input type="checkbox"/>	<input type="checkbox"/>
Communicator Test	<input type="checkbox"/>	<input type="checkbox"/>
Power Up	<input type="checkbox"/>	<input type="checkbox"/>
Cancel	<input type="checkbox"/>	<input type="checkbox"/>
Prog. Temper	<input type="checkbox"/>	<input type="checkbox"/>

Second digit of each code applies only to 4+2 or expanded (fields \*52 & \*53) formats.

**REPORT CODES** **33-64**

**\*64 CODE** **\*65**

33	<input type="checkbox"/>	<input type="checkbox"/>
34	<input type="checkbox"/>	<input type="checkbox"/>
35	<input type="checkbox"/>	<input type="checkbox"/>
36	<input type="checkbox"/>	<input type="checkbox"/>
37	<input type="checkbox"/>	<input type="checkbox"/>
38	<input type="checkbox"/>	<input type="checkbox"/>
39	<input type="checkbox"/>	<input type="checkbox"/>
40	<input type="checkbox"/>	<input type="checkbox"/>

**\*68 CODE** **\*69**

40	<input type="checkbox"/>	<input type="checkbox"/>
50	<input type="checkbox"/>	<input type="checkbox"/>
51	<input type="checkbox"/>	<input type="checkbox"/>
52	<input type="checkbox"/>	<input type="checkbox"/>
53	<input type="checkbox"/>	<input type="checkbox"/>
54	<input type="checkbox"/>	<input type="checkbox"/>
55	<input type="checkbox"/>	<input type="checkbox"/>
56	<input type="checkbox"/>	<input type="checkbox"/>

**\*73**

<input type="checkbox"/>	Alm/Supv Rst.
<input type="checkbox"/>	Trouble
<input type="checkbox"/>	Trble Rst.
<input type="checkbox"/>	Bypass
<input type="checkbox"/>	Bypas Rst.

**\*83 FIRST TEST REPORT TIME**

[Day 00; hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59; 00 in all boxes=instant (Day 01= Monday)

**\*84 SWINGER SUPPRESSION** [15]

01-15 alarms

**\*87 ENTRY WARNING** [1]

1=continuous; 0=3 beeps

**\*88 BURGL. ALARM COMM. DELAY** [0]

1=16 seconds; 0=no delay

**\*89 RESTORE REPORT TIMING** [0]

0=instant; 1=at corresponding bell timeout; 2=at disarm

NOTE: When option "1" selected, a restore report is sent when any output (bells or aux. relay) times out.

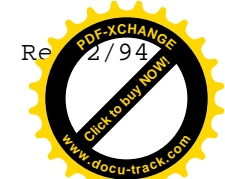
**\*90 SCNDRY SUBSCRIBER ACCT #**

Enter 00-09; B-F (11-15) [15 15 15 15]

**REPORT CODES** **70-99**

**(Keypad)** **\*78 CODE** **\*79**

NJ	<input type="checkbox"/>	<input type="checkbox"/>
NJ	<input type="checkbox"/>	<input type="checkbox"/>
NJ	<input type="checkbox"/>	<input type="checkbox"/>
Dues	<input type="checkbox"/>	<input type="checkbox"/>
97	<input type="checkbox"/>	<input type="checkbox"/>
98	<input type="checkbox"/>	<input type="checkbox"/>
99	<input type="checkbox"/>	<input type="checkbox"/>



### 5140XM PROGRAMMING FORM (3 of 4)

#### 2nd Page Fields

##### ASSIGN RESPONSE TYPE FOR ZONES 28-64

1*01	1*02	1*03	1*04	1*05
28	33	41	49	57
29	34	42	50	58
30	35	43	51	59
31	36	44	52	60
32	37	45	53	61
	38	46	54	62
	39	47	55	63
	40	48	56	64

1\*33 TOUCH-TONE W/ROTARY BACKUP  [0]

1=enable; 0=disable

1\*34 COMM. SPLIT REPORT SELECTION  [0]

0=no; 1=alarms primary, others secondary;  
2=open/close, test secondary, others primary

##### SYSTEM NON-ALARM CODES

	1*40	1*41
	First Digit	Second Digit
Armed STAY	<input type="checkbox"/>	<input type="checkbox"/>
Timer/Date set or event log reset	<input type="checkbox"/>	<input type="checkbox"/>
Event log 50% & 90% full	<input type="checkbox"/>	<input type="checkbox"/>
Event log overflow	<input type="checkbox"/>	<input type="checkbox"/>

1\*43 ENABLE PERM. BACKLIGHT  [0]

1=enable; 0=disable

1\*45 ENABLE CONSOLE  [0]

ANNUN. DURING EXIT DELAY 1=enable; 0=disable

1\*47 ENABLE CHIME ANNUN. ON BELL 1  [0]

1=enable; 0=disable

1\*52 CANCEL REPORT RESTRICTION  [0]

1=no restriction; 0=within bell timeout period only. If zone is mapped to more than one output, shortest timeout applies

1\*53 DOWNLOAD CALLBACK  [0]

1=callback not required; 0=callback required

##### EVENT LOGGING FIELDS

(Real time clock must be set: User code + [#] + 63)

1\*70 EVENT LOG TYPES

1=enable logging; [0]=disable Alarm Chk Byp O/C System & Fire Supv.

1\*71 12/24 HOUR TIME STAMP FORMAT  [0]

0=12 hour; 1=24 hour

1\*72 EVENT LOG PRINTER ON-LINE MODE  [0]

0=disable; 1=enable

1\*73 PRINTER BAUD RATE 1=300; 0=1200  [0]

#### 3rd Page Fields

##### 3\*10 RESPONSE TYPE ASSIGNMENT

70  Bell 1

71  Bell 2 [19]

72  Earth Grd [19]

73  J2IN 1 [19]

74  Dialer 1 [19]

75  Dialer 2

NU  0 | 0

NU  0 | 0

**Response Types:**

00 = Disabled zone

01 = Entry/Exit #1

02 = Entry/Exit #2

03 = Perimeter

04 = Interior Follower

05 = Day/Night

06 = 24 hour Silent Alarm

07 = 24 hour Audible Alarm

08 = 24 hour Auxiliary

09 = Fire w/o alarm verification

10 = Interior Delay

16 = Fire with alarm verification

17 = Fire Water Flow

18 = Fire Supervisory

19 = 24 hour Trouble

3\*15 ALARM BELL SOUND  [1,0]

0=pulsed; 1=steady Bell 1 Bell 2

3\*16 DELAY for ZONE TYPES 17 & 18  [00]

(Waterflow & Fire Supv) Enter 00-15 times 2 seconds

3\*17 ALTERNATE FUNCTION (TAMPER)  [0]

FOR ZONE 6 0=disabled; 1=enabled

3\*19 ENABLE J2 HEADER PRINTER PORT  [0]

0=pins 5&9 function as per field 3\*20; 1=pins 5&9 act as printer RXD & DTR

3\*20 TRIGGER OUTPUTS SELECTION  [0]

0=LORRA full connection & Remote Console Sounder; 1=LORRA limited conn. & Keyswitch LEDs; 2=LORRA fire only conn. & 5140LED

3\*21 MAX # OF DIALER RETRIES  [8]

1-8

3\*30 DIALER SELECTION  [1,0]

1=enabled; 0=disabled Main Backup

3\*31 BACKUP DIALER TOUCHTONE/ROTARY  [0]

1=TouchTone; 0=Rotary

##### REPORT CODES/ID DIGITS FOR ZONES 70-77

3*40 CODE	3*41 ID	3*42	
70	<input type="checkbox"/>	<input type="checkbox"/>	Alarm Rst.
71	<input type="checkbox"/>	<input type="checkbox"/>	Trouble
72	<input type="checkbox"/>	<input type="checkbox"/>	Trble Rst.
73	<input type="checkbox"/>	<input type="checkbox"/>	Bypass
74	<input type="checkbox"/>	<input type="checkbox"/>	Bypas Rst.
75	<input type="checkbox"/>	<input type="checkbox"/>	
76	<input type="checkbox"/>	<input type="checkbox"/>	
77	<input type="checkbox"/>	<input type="checkbox"/>	

3\*50 ZONE TYPE RESTORE ENABLE FOR ZONE TYPES 16-18

16 17 18

NON-ALARM CODES 3\*51 3\*52

	First Digit	Second Digit
Fire/Burg. Walk Test Start	<input type="checkbox"/>	<input type="checkbox"/>
Fire/Burg. Walk Test End	<input type="checkbox"/>	<input type="checkbox"/>

3\*57 BELL 2 & Aux. RELAY CONFIRM ARM DING

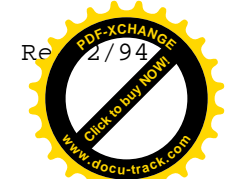
1=enable; [0]=disable Bell 2 Aux

3\*58 BELL 2 & Aux. RELAY AC POWER LOSS ALARM

1=yes; [0=no] Bell 2 Aux. Relay

3\*59 ENABLE BELL 2 & Aux. RELAY CHIME ANNUNCIATION

1=enable; [0]=disable Bell 2 Aux



### 514000 PROGRAMMING FORM (4 of 4)

3\*60 BELL 2 & AUX. RELAY TIMEOUT      
00-15 min. 20 min. 25 min. 30 min. 35 min. 40 min. 45 min. 50 min. 55 min. 60 min. 65 min. 70 min. 75 min. 80 min. 85 min. 90 min. 95 min. 100 min. Bell 2 Aux

3\*61 AUX. RELAY FUNCTION  (1)   
0-Test/programming; 1-Alarm, silenced by code; 2-Alarm, silenced by code; 3-Alarm, silenced by code; 4-Alarm, silenced by code; 5-Alarm, silenced by code; 6-Alarm, silenced by code; 7-Alarm, silenced by code; 8-Alarm, silenced by code; 9-Alarm, silenced by code.

**BELL 1, BELL 2 & AUX. RELAY ACTIVATION**  
 These fields apply to the Aux. Relay only if alarm function is enabled in Bell 1/2.

**BELL/RELAY ACTIVATION OPTIONS**  
 1-Bell 1; 2-Bell 2;  
 3-Bell 1 & 2; 4-Aux. Relay; 5-Bell 1 & Relay;  
 6-Bell 2 & Relay;  
 7-Bells 1 & 2 & Relay

3*70	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	1	2	3	4	5	6	7	8
3*71	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	9	10	11	12	13	14	15	16
3*72	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	17	18	19	20	21	22	23	24
3*73	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	25	26	27	28	29	30	31	32
3*74	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	33	34	35	36	37	38	39	40
3*75	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	41	42	43	44	45	46	47	48
3*76	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	49	50	51	52	53	54	55	56
3*77	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	57	58	59	60	61	62	63	64
3*78	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	65	66	67	68	69	70	71	72
3*79	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	73	74	75	76	77	78	79	80
3*81	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES:	81	82	83	84	85	86	87	88

3\*82 ENABLE BELL/RELAY  (1)   
1-Enable; 2-Disable; 3-Enable; 4-Enable; 5-Enable; 6-Enable; 7-Enable; 8-Enable; 9-Enable; 10-Enable; 11-Enable; 12-Enable; 13-Enable; 14-Enable; 15-Enable; 16-Enable; 17-Enable; 18-Enable; 19-Enable; 20-Enable; 21-Enable; 22-Enable; 23-Enable; 24-Enable; 25-Enable; 26-Enable; 27-Enable; 28-Enable; 29-Enable; 30-Enable; 31-Enable; 32-Enable; 33-Enable; 34-Enable; 35-Enable; 36-Enable; 37-Enable; 38-Enable; 39-Enable; 40-Enable; 41-Enable; 42-Enable; 43-Enable; 44-Enable; 45-Enable; 46-Enable; 47-Enable; 48-Enable; 49-Enable; 50-Enable; 51-Enable; 52-Enable; 53-Enable; 54-Enable; 55-Enable; 56-Enable; 57-Enable; 58-Enable; 59-Enable; 60-Enable; 61-Enable; 62-Enable; 63-Enable; 64-Enable; 65-Enable; 66-Enable; 67-Enable; 68-Enable; 69-Enable; 70-Enable; 71-Enable; 72-Enable; 73-Enable; 74-Enable; 75-Enable; 76-Enable; 77-Enable; 78-Enable; 79-Enable; 80-Enable; 81-Enable; 82-Enable; 83-Enable; 84-Enable; 85-Enable; 86-Enable; 87-Enable; 88-Enable; 89-Enable; 90-Enable; 91-Enable; 92-Enable; 93-Enable; 94-Enable; 95-Enable; 96-Enable; 97-Enable; 98-Enable; 99-Enable; 100-Enable.

3\*85 ENABLE FIRE SYSTEM ZONE BYPASS  (1)   
0-Disable; 1-Enable; 2-Enable; 3-Enable; 4-Enable; 5-Enable; 6-Enable; 7-Enable; 8-Enable; 9-Enable; 10-Enable; 11-Enable; 12-Enable; 13-Enable; 14-Enable; 15-Enable; 16-Enable; 17-Enable; 18-Enable; 19-Enable; 20-Enable; 21-Enable; 22-Enable; 23-Enable; 24-Enable; 25-Enable; 26-Enable; 27-Enable; 28-Enable; 29-Enable; 30-Enable; 31-Enable; 32-Enable; 33-Enable; 34-Enable; 35-Enable; 36-Enable; 37-Enable; 38-Enable; 39-Enable; 40-Enable; 41-Enable; 42-Enable; 43-Enable; 44-Enable; 45-Enable; 46-Enable; 47-Enable; 48-Enable; 49-Enable; 50-Enable; 51-Enable; 52-Enable; 53-Enable; 54-Enable; 55-Enable; 56-Enable; 57-Enable; 58-Enable; 59-Enable; 60-Enable; 61-Enable; 62-Enable; 63-Enable; 64-Enable; 65-Enable; 66-Enable; 67-Enable; 68-Enable; 69-Enable; 70-Enable; 71-Enable; 72-Enable; 73-Enable; 74-Enable; 75-Enable; 76-Enable; 77-Enable; 78-Enable; 79-Enable; 80-Enable; 81-Enable; 82-Enable; 83-Enable; 84-Enable; 85-Enable; 86-Enable; 87-Enable; 88-Enable; 89-Enable; 90-Enable; 91-Enable; 92-Enable; 93-Enable; 94-Enable; 95-Enable; 96-Enable; 97-Enable; 98-Enable; 99-Enable; 100-Enable.

#### COMMAND FUNCTIONS

To enter program mode:  
 enter installer code + [8] + [0] + [0]

To set standard defaults:  
 press \*97

To set communication defaults:  
 press \*94 + one of the following: \*80=low speed;  
 \*81=Ademco Express; \*82=Ademco High Speed;  
 \*83=Ademco's Contact ID

To change to next page of program fields:  
 press \*94

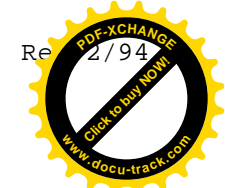
To return to previous page of fields:  
 press \*99

To erase account & phone number data entries:  
 press [\*] + field number + [\*]

To exit program mode:  
 press \*99 OR \*98: \*99 allows re-access to programming mode by installer code. \*98 prevents re-access to programming mode by installer code.

#### PROGRAM FIELD GROUPS

- A. ASSIGN RESPONSE TYPES FOR ZONES  
 Fields \*02-\*05, 1\*01-1\*05 & 3\*10
- B. SOUNDER, BELL & AUXILIARY RELAY OPTIONS  
 Fields \*13, \*16, \*23, 1\*47, 3\*15, 3\*57, 3\*59-3\*61
- C. BELL 1, BELL 2 & AUXILIARY RELAY ACTIVATION  
 Fields 3\*70-3\*81
- D. EXIT/ENTRY DELAYS & ACCESS OPTIONS  
 Fields \*00, \*09-\*12, \*15, \*29, \*87, 1\*45
- E. MISCELLANEOUS SYSTEM OPTIONS  
 Fields \*17-\*19, \*24, \*25-\*28, \*38, \*41, \*83, 1\*43, 3\*16-3\*20, 3\*58, 3\*82, 3\*85
- F. PHONE LINE & COMMUNICATOR OPTIONS  
 Fields \*30-\*34, \*42-\*53, \*84, \*88-\*90, 1\*33, 1\*34, 1\*52, 3\*30, 3\*31
- G. ALARM REPORT CODES  
 Fields \*54-\*78, 3\*40-3\*42
- H. SYSTEM NON-ALARM CODES  
 Fields \*81, \*82, 1\*40, 1\*41, 3\*51, 3\*52
- I. ZONE TYPE RESTORE ENABLES  
 Fields \*79, \*80, 3\*50
- J. OPEN/CLOSE REPORT ENABLES  
 Fields \*39, \*40
- K. EVENT LOGGING OPTIONS  
 Fields 1\*70-1\*73
- L. DOWNLOADING OPTIONS  
 Fields \*35-\*37, \*44, 1\*53



### 5620 (Alert II) PROGRAMMING FORM (1 of 4)



Access - AC Loss  
 Main - Misc 1  
 Subs ID - Not Used  
 Not Used - Misc 2  
 Sys Option - House ID  
 Inverted - Misc 3  
 16 Sec - Entry Ex 1  
 Sec - Entry Ex Last  
 Op/Cl - Int First  
 Restore - Int Last  
           - Per Fir  
           - Per Last  
           - Fire First

Use with:           **No. 690 PROM Programmer  
and  
No. 690-1 PROM Programmer Overlay**

To program:       **No. 691 Type PROM**

See installation instructions for Alert II 5600 Wireless Alarm System for full explanation of system options, and No. 690 PROM Programmer (and its supplement re No. 5620) for detailed programming procedure.

<b>AC LOSS</b>	Enter selection in box 1 below. When programming, turn rotary switch to AC LOSS position, hold PROGRAM switch down and program selection via KEYPAD.
<b>AC POWER LOSS WARNING DELAY:</b> ..... 4 min. x <input type="text"/> (Select digit from 1 thru 8, or 0 for no delay. 9 eliminates warning)	

<b>MISC 1</b>	Enter selections in boxes 2-13 below. When programming, turn rotary switch to MISC 1 position, hold PROGRAM switch down and program selections via KEYPAD.
<b>MASTER (PERMANENT) ACCESS CODE:</b> ..... <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> (Select any 4 digits)	
<b>AMBUSH DIGIT:</b> ..... <input type="text"/> (Select digit different from last digit of Master Access Code)	
<b>ENTRY DELAY:</b> ..... 15 secs. x <input type="text"/> (Select digit from 1 thru 8, 0 for No Delay, 9 gives Infinite Delay; DO NOT USE. Select 3 max. for UL Listed household fire/burglary use.)	
<b>EXIT DELAY:</b> ..... 15 secs. x <input type="text"/> (Select digit from 1 thru 8, 0 for No Delay, 9 gives Infinite Delay; DO NOT USE. Select 4 max. for UL Listed household fire/burglary use.)	
<b>DELAY TO EXTERIOR BURGLARY SIREN/BELL &amp; DIALER TRIGGER:</b> ..... 15 secs. x <input type="text"/> (Select digit 1 thru 8, 0 for No Delay, 9 gives Infinite Delay; DO NOT USE.)	
<b>SIREN/BELL SOUNDING DURATION:</b> ..... 4 min. x <input type="text"/> (Select digit 1 thru 8, 9 for No Cutoff, 0 gives No Sounding, Dialer Trigger or Internal Response; DO NOT USE.)	
<b>CHECK-IN MONITORING INTERVAL:</b> ..... 2 min. x <input type="text"/> <input type="text"/> <input type="text"/> (Select 3 digit number from 120 thru 998...999 eliminates monitoring...720 [24 hour interval] is recommended...maximum 360 [12 hour interval] permitted for UL Listed Household Fire/Burglary installation).	

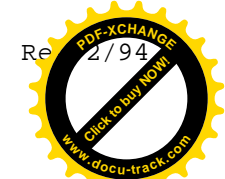


### 5620 (Alert II) PROGRAMMING FORM (2 of 4)

<b>MISC. 2</b>	Check selections in boxes below. When programming, turn rotary switch to MISC. 2 position and set slide switches ON or OFF as indicated (record switch settings on chart below). Then pull down and release PROGRAM switch:																											
<b>SLIDE SWITCHES</b>	<b>SELECTIONS</b>																											
<b>A</b>	<b>LEAVE IN OFF POSITION</b>																											
<b>B</b>	<b>LOW BATTERY/LOSS OF CHECK-IN ANNUNCIATION</b> (Check one): 24 hr. <input type="checkbox"/> (ON)                                      While disarmed only <input type="checkbox"/> (OFF) 24 Hr. selection mandatory for UL Listed Household Fire/Burglary installation.																											
<b>C</b>	<b>BYPASS</b> (Check one): Automatic at arming <input type="checkbox"/> (ON)                                      Selectable at arming <input type="checkbox"/> (OFF)																											
<b>D</b>	<b>EXTERNAL BURGLARY/POLICE (AUDIBLE/EMERGENCY SIREN SOUND)</b> (Check one): Slowly alternating 2-tone ..... <input type="checkbox"/> (ON) Rapidly alternating 2-tone ..... <input type="checkbox"/> (OFF) (Note: FIRE/AUXILIARY is always pulsed, rapidly alternating 2-tone)																											
<b>E</b>	<b>SOUNDER (&amp; DIALER TRIGGER) RESPONSE TO AUXILIARY</b> (Check one): Applicable only if AUXILIARY FUNCTION "triggers alarm" option is selected below. Internal sounder only ..... <input type="checkbox"/> (ON) Internal and external sounder (& dialer trigger, if otherwise programmed) ..... <input type="checkbox"/> (OFF)																											
<b>F</b>	<b>DELAY TO LIGHTS-ON OUTPUT</b> (Check one):* Same as delay to external alarm sounder ..... <input type="checkbox"/> (ON) Same as internal alarm sounder ..... <input type="checkbox"/> (OFF)																											
<b>G</b>	<b>AUXILIARY FUNCTION</b> (Check one): Auxiliary provides lights on output, without alarm** ..... <input type="checkbox"/> (ON) Auxiliary triggers alarm ..... <input type="checkbox"/> (OFF)																											
<b>H</b>	<b>RESPONSE OF LIGHTS TO ENTRY WHEN ARMED "AWAY"</b> (Check one): * Lights on output <input type="checkbox"/> (ON)                                      No lights on output <input type="checkbox"/> (OFF)																											
*Utilization of Lights On output not applicable to UL Listed household fire/burglary installation, but check either one.																												
<b>MISC. 2 Position: SLIDE SWITCH SETTING CHART:</b>	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border: none;">A</td><td style="border: none;">B</td><td style="border: none;">C</td><td style="border: none;">D</td><td style="border: none;">E</td><td style="border: none;">F</td><td style="border: none;">G</td><td style="border: none;">H</td><td style="border: none;"></td> </tr> <tr> <td style="border: none;">↓</td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: none;">ON OFF</td> </tr> </table>	A	B	C	D	E	F	G	H		↓								ON OFF									
A	B	C	D	E	F	G	H																					
↓								ON OFF																				
<b>HOUSE I.D.</b>	Enter I.D. number selection in boxes below (select any number from 00 to 31 that is not used nearby, except avoid 7, 15, 23 or 31 in areas with high RF interference).																											
HOUSE I.D. ....	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/> <input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>																											
When programming, turn rotary switch to HOUSE I.D. position. Set slide switches A, B, C OFF. Set slide switches D-H so that ON setting "values" add up to selected I.D. number. Example: For I.D. number of 18, set switches D(16) and G(2) ON (16 + 2 = 18). Record switch settings on chart below. Then pull down and release PROGRAM switch.																												
<b>HOUSE I.D. Position: SLIDE SWITCH SETTING CHART:</b>	<table style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="border: none;">A</td><td style="border: none;">B</td><td style="border: none;">C</td><td style="border: none;">D</td><td style="border: none;">E</td><td style="border: none;">F</td><td style="border: none;">G</td><td style="border: none;">H</td><td style="border: none;"></td> </tr> <tr> <td style="border: none;"></td><td style="border: none;"></td><td style="border: none;"></td><td style="border: none; text-align: center;">(16)</td><td style="border: none; text-align: center;">(8)</td><td style="border: none; text-align: center;">(4)</td><td style="border: none; text-align: center;">(2)</td><td style="border: none; text-align: center;">(1)</td><td style="border: none;"></td> </tr> <tr> <td style="border: none;">↓</td><td style="border: none;">↓</td><td style="border: none;">↓</td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: 1px solid black; width: 20px; height: 20px;"></td><td style="border: none;">ON OFF</td> </tr> </table>	A	B	C	D	E	F	G	H					(16)	(8)	(4)	(2)	(1)		↓	↓	↓						ON OFF
A	B	C	D	E	F	G	H																					
			(16)	(8)	(4)	(2)	(1)																					
↓	↓	↓						ON OFF																				







### 5620 (Alert II) PROGRAMMING FORM (4 of 4)

**TRANSMITTER I.D. ASSIGNMENT** Enter I.D. number selections in boxes below, in accordance with guidelines in system's installation instructions.

ZONE	TRANSMITTER I.D. NUMBERS		
	AVAILABLE	*ASSIGNED	
		FIRST	LAST
Everyday	01 - 25 (01 - 29 if Fire/Gas zone not used)	<input type="text"/>	<input type="text"/>
Interior		<input type="text"/>	<input type="text"/>
Perimeter		<input type="text"/>	<input type="text"/>
Fire/Gas	26-29	<input type="text"/>	<input type="text"/>

*\*Use I.D. numbers as applicable.  
Leave blank areas not used.*

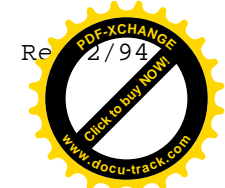
When programming, set switches to appropriate position, make sure slide switches A, B, C are OFF and set slide switches D through H to "values" add up to selected I.D. number. Example: For I.D. number of 10, set switches E=8 and G=2 = 10. Record switch settings on chart below. Then pull down and release PROGRAM switch.

Switch Positions



	A	B	C	D	E	F	G	H	
				(16)	(8)	(4)	(2)	(1)	
EVERYDAY .....	↓	↓	↓						ON OFF
INTERIOR .....	↓	↓	↓						ON OFF
PERIMETER .....	↓	↓	↓						ON OFF
FIRE/GAS .....	↓	↓	↓						ON OFF
FIRE/GAS .....	↓	↓	↓						ON OFF
FIRE/GAS .....	↓	↓	↓						ON OFF
FIRE/GAS .....	↓	↓	↓						ON OFF
FIRE/GAS .....	↓	↓	↓						ON OFF

o > Supervision  
o > Reset



# 5720 (Alert III) PROGRAMMING FORM (1 of 4)



**PROM PROGRAMMING FORM**  
for  
**ALERT III No. 5720**  
**RECEIVER/CONTROL**

**FOR USE WITH:** No. 690 PROM Programmer  
and No. 690-1 PROM Programmer Overlay  
**TO PROGRAM:** No. 691 Type PROM

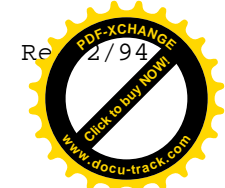
**IMPORTANT:** This PROM Programmer Form is specifically designed for use with the ALERT III, and differs from the Form previously supplied for use with the ALERT II. Areas of this Form which differ from the ALERT II have been marked with a ●.

See Installation Instructions for Alert III 5700 Wireless Alarm System for full explanation of system options, and No. 690 PROM Programmer (and its supplement) for detailed programming procedure.

<b>AC LOSS</b>	Enter selection in box 1 below. When programming, turn rotary switch to AC LOSS position, hold PROGRAM switch down and program selection via KEYPAD.
<b>AC POWER LOSS WARNING DELAY:</b>	..... 4 min. x <input type="checkbox"/> (Select digit from 1 thru 8, or 0 for no delay. 9 eliminates warning)

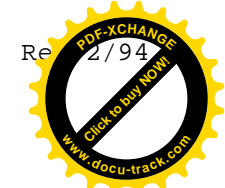
<b>MISC 1</b>	Enter selections in boxes 2-13 below. When programming, turn rotary switch to MISC 1 position, hold PROGRAM switch down and program selections via KEYPAD.
<b>MASTER (PERMANENT) ACCESS CODE:</b>	..... <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Select any 4 digits)
<b>AMBUSH DIGIT:</b>	..... <input type="checkbox"/> (Select digit different from last digit of Master Access Code)
<b>ENTRY DELAY:</b>	..... 15 secs. x <input type="checkbox"/> (Select digit from 1 thru 8, 0 for No Delay. 9 gives Infinite Delay; DO NOT USE. Select 3 max. for UL Listed household burglary use.)
<b>EXIT DELAY:</b>	..... 15 secs. x <input type="checkbox"/> (Select digit from 1 thru 8, 0 for No Delay. 9 gives Infinite Delay; DO NOT USE. Select 4 max. for UL Listed household burglary use.)
<b>DELAY TO EXTERIOR BURGLARY SIREN/BELL &amp; DIALER TRIGGER:</b>	..... 15 secs. x <input type="checkbox"/> (Select digit 1 thru 8, 0 for No Delay. 9 gives Infinite Delay; DO NOT USE.)
<b>SIREN/BELL SOUNDING DURATION:</b>	..... 4 min. x <input type="checkbox"/> (Select digit 1 thru 8, 9 for No Cutoff. 0 gives No Sounding, Dialer Trigger or Internal Response; DO NOT USE.)
<b>CHECK-IN MONITORING INTERVAL:</b>	..... 2 min. x <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> (Select 3 digit number from 120 thru 998...999 eliminates monitoring...720 [24 hour interval] is recommended...maximum 360 [12 hour interval] permitted for UL Listed Household Fire/Burglary installation).





### 5720 (Alert III) PROGRAMMING FORM (3 of 4)

<b>MISC. 3</b>	Check selections in boxes below. When programming, turn rotary switch to MISC. 3 position and set slide switches ON or OFF as indicated. Record switch settings on chart below. Then pull down and release PROGRAM switch:																								
<b>SLIDE SWITCHES</b>	<b>SELECTIONS</b>																								
● <b>A</b>	<b>NOT USED (OFF)</b>																								
<b>B</b>	<b>DIALER BURGLARY OUTPUT(S) (Check one):</b>  Three burglary zone outputs: entry/exit, interior, perimeter. Note: Auxilliary output is eliminated and loss of check-in is combined with low battery ..... <input type="checkbox"/> (ON)  One burglary output, common to entry/exit, interior, perimeter ..... <input type="checkbox"/> (OFF)																								
● <b>C,D,E</b>	<b>WIRED LOOP FUNCTION (Check one):</b> <table style="width: 100%; margin-left: 20px;"> <tr> <td></td> <td style="text-align: center;"><b>C</b></td> <td style="text-align: center;"><b>D</b></td> <td style="text-align: center;"><b>E</b></td> </tr> <tr> <td>Entry/exit (also select if wired loop not used) .....</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Interior (select only if transmitter is also used in interior zone) .....</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Perimeter .....</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Police .....</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> <tr> <td>Emergency .....</td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> <td style="text-align: center;"><input type="checkbox"/></td> </tr> </table>		<b>C</b>	<b>D</b>	<b>E</b>	Entry/exit (also select if wired loop not used) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Interior (select only if transmitter is also used in interior zone) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Perimeter .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Police .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Emergency .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>C</b>	<b>D</b>	<b>E</b>																						
Entry/exit (also select if wired loop not used) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Interior (select only if transmitter is also used in interior zone) .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Perimeter .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Police .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
Emergency .....	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																						
<b>F</b>	<b>LEAVE IN OFF POSITION</b>																								
<b>G</b>	<b>RESPONSE TO POLICE ALARM (Check one):</b>  Silent (dialer output only) ..... <input type="checkbox"/> (ON) Audible (internal and external sounder) ..... <input type="checkbox"/> (OFF)																								
<b>H</b>	<b>ALARMS TRIGGERED PER TRANSMITTER PER ARMED PERIOD</b>  (Check one):            Multiple <input type="checkbox"/> (ON)            Single <input type="checkbox"/> (OFF)																								
<b>MISC. 3 Position: SLIDE SWITCH SETTING CHART:</b>	<table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">●</td> <td style="text-align: center;">A</td> <td style="text-align: center;">B</td> <td style="text-align: center;">C</td> <td style="text-align: center;">D</td> <td style="text-align: center;">E</td> <td style="text-align: center;">F</td> <td style="text-align: center;">G</td> <td style="text-align: center;">H</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">↓</td> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> <td style="text-align: center;">↓</td> <td style="text-align: center;">□</td> <td style="text-align: center;">□</td> <td style="text-align: center;">ON OFF</td> </tr> </table>	●	A	B	C	D	E	F	G	H			↓	□	□	□	□	↓	□	□	ON OFF				
●	A	B	C	D	E	F	G	H																	
	↓	□	□	□	□	↓	□	□	ON OFF																



### 5720 (Alert III) PROGRAMMING FORM (4 of 4)

**TRANSMITTER I.D. ASSIGNMENT** Enter I.D. number selections in boxes below, in accordance with guidelines in system's installation instructions.

ZONE	TRANSMITTER I.D. NUMBERS		
	AVAILABLE	*ASSIGNED	
		FIRST	LAST
Entry/Exit	01-47	<input type="text"/>	<input type="text"/>
Interior**		<input type="text"/>	<input type="text"/>
Perimeter		<input type="text"/>	<input type="text"/>
Fire**	48-58	<input type="text"/>	<input type="text"/>
Auxiliary	59-61	<input type="text"/>	<input type="text"/>

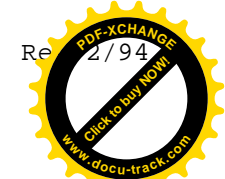
\*Use initial transmission applicable.      \*\*No. 5775 PIR DET/TX LIMITED TO 32-47.  
 Leave blank if none assigned.      \*\*\*No. 5706 SMOKE DET/TX LIMITED TO 48-55.  
**NOTE: 32-47 HAS 3-MINUTE LOCKOUT BETWEEN TRANSMISSIONS (BATTERY SAVER).**

When programming, turn entry switch to appropriate position. make sure slide switches A and B are OFF and set slide switches C-H so that the resulting "values" add up to selected I.D. number. **Example:** For I.D. number of 10, set switches E (8) and G (2) = 10. Record switch settings on chart below. Then pull down and release PROGRAM switch.

**Entry Switch Position**

↓

	A	B	C	D	E	F	G	H	
	(32)	(16)	(8)	(4)	(2)	(1)			
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF
EELEENT .....	↓	↓							ON OFF



## 5720XR (Alert III) PROGRAMMING FORM (1 of 4)

**USE WITH:** No. 690 PROM Programmer with No. 690-1 PROM Programmer Overlay  
**TO PROGRAM:** No. 691 Type PROM

**Important:** This PROM Programming Form is specifically designed for use with an ALERT III system which employs the No. 5720XR Receiver/Control, and differs substantially from the Form previously supplied for use with the ALERT III (Form part No. N4631V1 5/89).

See the Installation Instructions for Alert III 5700XR Wireless Alarm System (N4471V3) for a full explanation of system options, and No. 690 PROM Programmer (and its supplement) for detailed programming procedure.

### AC LOSS POSITION

Enter selection in box 1 below. When programming, turn rotary switch to the AC LOSS position, hold PROGRAM switch down and program selection via the KEYPAD.

**AC POWER LOSS WARNING DELAY:** ..... 4 min x   
 (Select digit from 1 thru 8, or 0 for no delay; 9 eliminates warning - not for UL Listed household fire/burglary use) 1

### MISC 1 POSITION

Enter selections in boxes 2-13 below. When programming, turn rotary switch to MISC 1 position, hold PROGRAM switch down and program selections via KEYPAD.

**MASTER (PERMANENT) ACCESS CODE:** .....      
 (Select any 4 digits) 2 3 4 5

**AMBUSH DIGIT:** .....   
 Select digit different from last digit of Master Access Code. 6

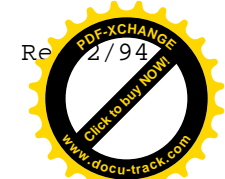
**ENTRY DELAY:** ..... 15 secs. x   
 Select digit 1-8, 0 for No Delay. 9 gives Infinite Delay - DO NOT USE.  
 Select "3" max. for UL Listed household burglary use. 7

**EXIT DELAY:** ..... 15 secs. x   
 Select digit 1-8, 0 for No Delay. 9 gives Infinite Delay - DO NOT USE.  
 Select "4" max. for UL Listed household burglary use. 8

**DELAY TO EXTERIOR BURGLARY SIREN/BELL & DIALER TRIGGER:** ..... 15 secs. x   
 Select digit 1-8, 0 for No Delay. 9 gives Infinite Delay - DO NOT USE.  
 Select "0" for UL Listed household fire/burglary use. 9

**SIREN/BELL SOUNDING DURATION:** ..... 4min. x   
 Select digit 1-8, 9 for No Cutoff. 0 gives No Sounding, Dialer Trigger or Internal Sounder Response - DO NOT USE  
 Select 9 for UL Listed household fire use. 10

**CHECK-IN MONITORING INTERVAL:** ..... 2 min. x     
 Select 3 digit number from 120 thru 998, 999 eliminates monitoring - 720 [24 hour interval] is recommended, 360 is required for UL Listed household fire/burglary use. 11 12 13



## 5720XR (Alert III) PROGRAMMING FORM (2 of 4)

### MISC. 2 POSITION

Check selections in boxes below. When programming, turn rotary switch to MISC. 2 position and set slide switches ON or OFF as indicated (record switch settings on chart below). Then pull down and release PROGRAM switch.

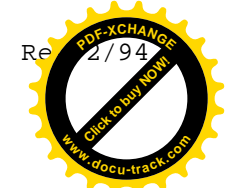
Slide Switch	Selection
--------------	-----------

- |          |   |                              |
|----------|---|------------------------------|
| <b>A</b> | LEAVE IN OFF POSITION.....  | <input type="checkbox"/> OFF |
| <b>B</b> | AUDIBLE ANNUNCIATION FOR LOW BATTERY/LOSS OF CHECK-IN/LOSS OF AC (Check one):<br>IMMEDIATE <input type="checkbox"/> ON                      DELAYED <input type="checkbox"/> OFF<br>Immediate, regardless of armed status      Delayed until disarmed<br>Select IMMEDIATE for UL Listed household fire/burglary installation.   |                              |
| <b>C</b> | BYPASS (Check one):<br>Automatic at arming <input type="checkbox"/> ON      DO NOT USE.<br>Manually Selectable at arming <input type="checkbox"/> OFF<br>(Required for UL Listed household fire/burglary use).  |                              |
| <b>D</b> | EXTERNAL BURGLARY/POLICE (AUDIBLE)/EMERGENCY SIREN SOUND (Check one):<br>Slowly alternating 2-tone ..... <input type="checkbox"/> ON<br>Rapidly alternating 2-tone ..... <input type="checkbox"/> OFF<br>(Note: FIRE/AUXILIARY is always pulsed, rapidly alternating 2-tone)  |                              |
| <b>E</b> | SOUNDER (AND DIALER TRIGGER) RESPONSE TO AUXILIARY (Check one):<br>Applicable to all 24-hour auxiliary zones; also applicable to<br>KEYPAD AUXILIARY FUNCTION below (G) if "triggers alarm" is selected.<br>Internal sounder only (& dialer trigger) ..... <input type="checkbox"/> ON<br>Internal and external sounder (& dialer trigger) ..... <input type="checkbox"/> OFF |                              |
| <b>F</b> | DELAY TO LIGHTS-ON OUTPUT (Check One):†<br>Same as delay to external alarm sounder ..... <input type="checkbox"/> ON<br>Same as internal alarm sounder (instant) ..... <input type="checkbox"/> OFF   |                              |
| <b>G</b> | KEYPAD AUXILIARY FUNCTION (Check one):<br>Auxiliary key provides lights-on output without alarm* ..... <input type="checkbox"/> ON<br>Auxiliary key triggers alarm ..... <input type="checkbox"/> OFF   |                              |
| <b>H</b> | RESPONSE OF LIGHTS TO ENTRY WHEN ARMED "AWAY" (Check one)‡:<br>Lights-on Output <input type="checkbox"/> ON      No Lights-on Output <input type="checkbox"/> OFF   |                              |

\* In a UL Listed installation, program for "lights-on" but do not use X10 (BA284) lights module.  
 † "Lights-on" function not permitted in a UL Listed household fire/burglary installation.

MISC. 2 Position: SLIDE SWITCH SETTING CHART

A	B	C	D	E	F	G	H	
↓	□	□	□	□	□	□	□	ON OFF



## 5720XR (Alert III) PROGRAMMING FORM (3 of 4)

### HOUSE ID POSITION

Enter ID number selection in boxes below (select any number from 01 to 31 that is not used nearby).

HOUSE ID .....

When programming, turn rotary switch to HOUSE ID position. Set slide switches A, B, C to "OFF". Set slide switches D-H so that ON setting "values" add up to selected ID number. Example: For ID number of 18, set switches D (16) and G (2) "ON" (16 + 2 = 18). Record switch settings on chart below. Then pull down and release PROGRAM switch.

HOUSE ID Position: SLIDE SWITCH SETTING CHART:

A	B	C	D (16)	E (8)	F (4)	G (2)	H (1)	
↓	↓	↓						ON OFF

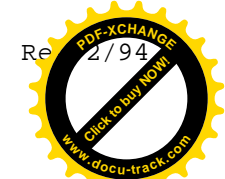
### MISC. 3 POSITION

Check selections in boxes below. When programming, turn rotary switch to MISC. 3 position and set slide switches ON or OFF as indicated. Record switch settings on Misc. 3 slide switch setting chart. Then pull down and release PROGRAM switch.

**Slide Switch Selection**

- A RESPONSE TO INTERIOR INTRUSION (Check one):**  
 Delayed (same as entry/exit)  ON Follower  OFF
- B DIALER TRIGGER CONFIGURATION (Check one):**  
 Three burglary zone outputs: entry/exit, interior, perimeter. ....  ON  
*Note: Auxiliary output is eliminated and loss of check-in is combined with low battery*  
 One burglary output, common to entry/exit, interior, perimeter .....  OFF
- C, D, E WIRED LOOP FUNCTION (Check one):**
- |                  |                          |               |          |
|------------------|--------------------------|---------------|----------|
|                  | <b>C</b>                 | <b>D</b>      | <b>E</b> |
| None .....       | <input type="checkbox"/> | OFF, OFF, OFF |          |
| Entry/Exit ..... | <input type="checkbox"/> | OFF, OFF, ON  |          |
| Interior .....   | <input type="checkbox"/> | OFF, ON, OFF  |          |
| Perimeter .....  | <input type="checkbox"/> | OFF, ON, ON   |          |
| Police .....     | <input type="checkbox"/> | ON, OFF, OFF  |          |
| Emergency .....  | <input type="checkbox"/> | ON, OFF, ON   |          |
| Auxiliary .....  | <input type="checkbox"/> | ON, ON, OFF   |          |
- F LEAVE IN OFF POSITION** .....  OFF
- G RESPONSE TO POLICE ALARM (Check one):**  
 Silent (dialer output only) .....  ON  
 Audible (internal and external sounder) .....  OFF





## 5720XR (Alert III) PROGRAMMING FORM (4 of 4)

**H ALARMS TRIGGERED PER TRANSMITTER PER ARMED PERIOD**  
 (Check one): Multiple  ON      Single  OFF

**MISC. 3** Position: SLIDE SWITCH SETTING CHART

A	B	C	D	E	F	G	H	ON OFF
					↓			

### TRANSMITTER ID ASSIGNMENTS

Enter ID number selections in boxes, below, in accordance with guidelines in the system's installation instructions.

ZONE	TRANSMITTER ID NUMBERS		
	AVAILABLE IDs	ASSIGNED	
		Use initial zeros where applicable. Leave blank if zone not used.	
		FIRST	LAST
Entry/Exit	01-47	□□	□□
Interior*		□□	□□
Perimeter		□□	□□
Fire**	48-55	□□	† □□
Auxiliary	56-61		

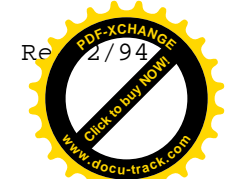
\* No. 5775 PIR DET/TX Limited to 32-47. **Note:** ID 32-47 has a 3-minute lockout between transmissions (battery saver).

\*\* No. 5706 SMOKE DET/TX Limited to 48-55.

† ID assignments for Fire and Aux must be contiguous. Example: 2 Fire and 2 Aux Transmitters in the system:  
 Correct ID assignments are then as follows: Fire: 54, 55; Aux: 56, 57  
 Entries for the example would be: *First: 54, Last: 57*

When programming, turn rotary switch to appropriate position, make sure slide switches A and B are OFF and set slide switches C-H so that ON setting "values" add up to selected ID number. Example: For ID number of 10, set switches E (8) and G (2) "ON" (8 + 2 = 10). Record switch settings on chart below. Then pull down and release PROGRAM switch.

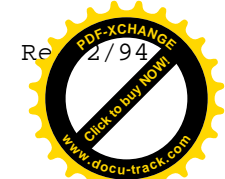
	A	B	C (32)	D (16)	E (8)	F (4)	G (2)	H (1)	
<b>ENTRY/EXIT FIRST</b> .....	↓	↓							ON
<b>ENTRY/EXIT LAST</b> .....	↓	↓							OFF
<b>INTERIOR FIRST</b> .....	↓	↓							ON
<b>INTERIOR LAST</b> .....	↓	↓							OFF
<b>PERIMETER FIRST</b> .....	↓	↓							ON
<b>PERIMETER LAST</b> .....	↓	↓							OFF
<b>FIRE/AUX FIRST</b> .....	↓	↓							ON
<b>FIRE/AUX LAST</b> .....	↓	↓							OFF



## VIA-16 PROGRAMMING FORM (1 of 2)

FIELD	FUNCTION	PROGRAMMED VALUES				
<b>SYSTEM ARMING (*20-*24)</b>						
*20	MASTER SECURITY CODE	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 4 digits, 0-9				
*21	QUICK ARM ENABLE	† <input type="checkbox"/> 0 = no, 1 = yes				
*23	FORCED BYPASS ENABLE	† <input type="checkbox"/> 0 = no, 1 = yes				
*24	RF RECEIVER HOUSE ID CODE	<input type="text"/> <input type="text"/> Enter 01-31 House ID				
<b>ZONE RESPONSE PROGRAMMING (*29-*38)</b>						
*29	FIRE TIMEOUT DISABLE	† <input type="checkbox"/> 0 = no, 1 = yes				
*30	ALARM BELL TIMEOUT	†† <input type="checkbox"/> 0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">ZONE TYPES for PROGRAMMING FIELDS *35-*37 &amp; *92</th> </tr> </thead> <tbody> <tr> <td style="width: 50%; vertical-align: top;">                     0 (or undefined) = Zone Disabled                      1 = ENTRY/EXIT, Burglary                      2 = not used                      3 = PERIMETER, Burglary                      4 = INTERIOR/FOLLOWER, Burglary                 </td> <td style="width: 50%; vertical-align: top;">                     5 = TROUBLE BY DAY/                      ALARM BY NIGHT, Burg.                      6 = 24 Hr (Silent)                      7 = 24 Hr (Audible)                      8 = 24 Hr (Auxiliary)                      9 = FIRE (Fields *35, *37 &amp; *92 only)                 </td> </tr> </tbody> </table>			ZONE TYPES for PROGRAMMING FIELDS *35-*37 & *92		0 (or undefined) = Zone Disabled 1 = ENTRY/EXIT, Burglary 2 = not used 3 = PERIMETER, Burglary 4 = INTERIOR/FOLLOWER, Burglary	5 = TROUBLE BY DAY/ ALARM BY NIGHT, Burg. 6 = 24 Hr (Silent) 7 = 24 Hr (Audible) 8 = 24 Hr (Auxiliary) 9 = FIRE (Fields *35, *37 & *92 only)
ZONE TYPES for PROGRAMMING FIELDS *35-*37 & *92						
0 (or undefined) = Zone Disabled 1 = ENTRY/EXIT, Burglary 2 = not used 3 = PERIMETER, Burglary 4 = INTERIOR/FOLLOWER, Burglary	5 = TROUBLE BY DAY/ ALARM BY NIGHT, Burg. 6 = 24 Hr (Silent) 7 = 24 Hr (Audible) 8 = 24 Hr (Auxiliary) 9 = FIRE (Fields *35, *37 & *92 only)					
*35	ZONE 5 RESPONSE TYPE	<input type="checkbox"/>				
*36	ZONE 6 RESPONSE TYPE	<input type="checkbox"/>				
*37	ZONE 7 RESPONSE TYPE	<input type="checkbox"/> CONSOLE PANIC. Only zone types 0, 6, 7, 8, 9 applicable.				
*38	ENTRY DELAY	†† <input type="checkbox"/> 0 = 0 sec; 1 = 20 sec; 2 = 30 sec; 3 = 45 sec EXIT Delay = ENTRY Delay + 15 sec				
<b>DIALER PROGRAMMING (*40-*48)</b>						
*40	PABX ACCESS CODE	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing * (and press 41, if entering next field). To clear entries from field, press *40*.				
*41	PRIMARY PHONE No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 42, if entering next field). To clear entries from field, press *41*.				
*42	SECONDARY PHONE No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 43, if entering next field). To clear entries from field, press *42*.				
*43	SUBSCRIBER ACCOUNT No.	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. Enter * as 4th digit, if 3+1 dialer reporting is to be used. If only 3 digits used, exit by pressing * (and press 44, if entering next field). To clear entries from field, press *43*. Examples: For Acct No. 1234, enter: <input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 For Acct No. 8234, enter: <input type="text"/> #+11 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 For Acct No. 123, enter: <input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> *				
*44	REPORT FORMAT	<input type="checkbox"/> 0 = 3+1, 4+1 ADEMCO L/S STANDARD      6 or undefined = 4+2 ADEMCO EXPRESS 1 = 3+1, 4+1 RADIONICS STANDARD      7 = ADEMCO CONTACT ID REPORTING 2 = 4+2 ADEMCO L/S STANDARD      8 = 3+1, 4+1 ADEMCO L/S EXPANDED 3 = 4+2 RADIONICS STANDARD      9 = 3+1, 4+1 RADIONICS EXPANDED				
*45	PHONE SYSTEM SELECT	†† <input type="checkbox"/> If Cent. Sta. IS NOT on a WATS line: 0 = Pulse Dial; 1 = Tone Dial If Cent. Sta. IS on a WATS line: 2 = Pulse Dial; 3 = Tone Dial				
*46	SESCOARADIONICS SELECT	† <input type="checkbox"/> 0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting) Select 0 for all other formats.				
*47	15 SEC DIALER DELAY (BURG)	† <input type="checkbox"/> 0 = no, 1 = yes				
*48	24 HR TEST MESSAGE	† <input type="checkbox"/> 0 = no, 1 = yes (enter Test Code in field *64)				

† If a number other than 0 or 1 is entered, even numbers = same as 0; odd numbers = same as 1.  
 †† If a number greater than 3 is entered, the control will subtract multiples of 4 to get to the allowable program range.



### VIA-16 PROGRAMMING FORM (2 of 2)

#### TO PROGRAM REPORT CODES FOR ALARM, SYSTEM STATUS, RESPONSE, AND XMTR IDs (\*55-\*91):

With a 3+1 or 4+1 Standard Format: Enter a code in the first box: 1-A, 2-B, 3-C, 4-E, or F. Enter (#+10) for 0, (#+11) for B, (#+12) for C, (#+13) for D, (#+14) for E, (#+15) for F.

A [0] (not #+10) in the status will disable a report.

A [0] (not #+10) in the response will result in automatic advance to the next field when programming.

With an Expanded or 4+2 Format: Enter codes in both boxes (1st and 2nd digit) for 1-A, 2, or B-F, as described above.

A [0] (not #+10) in the status box will eliminate the expanded message for that report.

A [0] (not #+10) in the response will disable the report.

With Advance Contact ID Reporting: Enter any digit (other than 0) in the first box, to enable zone to report (entries in the second box will be ignored).

A [0] (not #+10) in the status will disable the report.

Example: For Code 30, enter:

For Code 22, enter:

For Code 511, enter:

#### ALARM RESPONSE CODES (\*55-\*59)

- \*55 ZONE 1 ALARM REPORT CODE
- \*56 ZONE 2 ALARM REPORT CODE
- \*57 ZONE 3 ALARM REPORT CODE
- \*58 ZONE 4 ALARM REPORT CODE
- \*59 ZONE 5 ALARM REPORT CODE

#### SYS STATUS RPT CODES (\*60-\*66)

- \*60 TROUBLE REPORT CODE
- \*61 BYPASS REPORT CODE
- \*62 AC BATT REPORT CODE
- \*63 LOW BATT REPORT CODE
- \*64 RESPONSE CODE
- \*65 OPEN REPORT CODE  †††
- \*66 CLOSE REPORT CODE  †††

††† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.

- \*67 RF XMIT REPORT RPT CODE
- \*68 CANCEL REPORT CODE

#### RESTORE RPT CODES (\*69-\*75)

- \*69 GROUP RESTORES FOR TROUBLE, RF LOW BAT, BYPASS
- \*70 ALARM RESTORE RPT CODE
- \*71 TROUBLE RESTORE RPT CODE

- \*72 BYPASS RESTORE RPT CODE
- \*73 AC RESTORE RPT CODE
- \*74 LOW BAT RESTORE RPT CODE
- \*75 RF XMTR LO BAT RST RPT CODE

#### RF XMTR ID / RPT CODES (\*76-\*92)

XMTR ID	Zone Type	XMTR ID	Zone Type
10-13	ENTRY/EXIT, Burg.	56-61	TROUBLE BY DAY/
14-29	PERIMETER, Burg.		ALARM BY NITE, Burg.
30-47	INTERIOR, Burg.	62	24 hr. (audible)
48-55	FIRE	63	Programmed by field *92

Note: 4281H can use \*76-\*92. (4281M cannot use \*84-\*91, 4281L cannot use \*80-\*91)

- \*76 1st RF XMTR ID / RPT CODE
- \*77 2nd RF XMTR ID / RPT CODE
- \*78 3rd RF XMTR ID / RPT CODE
- \*79 4th RF XMTR ID / RPT CODE
- \*80 5th RF XMTR ID / RPT CODE
- \*81 6th RF XMTR ID / RPT CODE
- \*82 7th RF XMTR ID / RPT CODE
- \*83 8th RF XMTR ID / RPT CODE
- \*84 9th RF XMTR ID / RPT CODE
- \*85 10th RF XMTR ID / RPT CODE
- \*86 11th RF XMTR ID / RPT CODE
- \*87 12th RF XMTR ID / RPT CODE
- \*88 13th RF XMTR ID / RPT CODE
- \*89 14th RF XMTR ID / RPT CODE
- \*90 15th RF XMTR ID / RPT CODE
- \*91 16th RF XMTR ID / RPT CODE
- \*92 ZONE RESPONSE OF XMTR ID 63 (if used)

#### DOWNLOAD INFO (\*94-\*97)

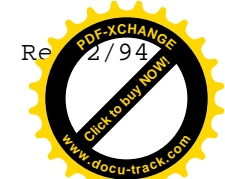
\*94 DOWNLOAD PHONE No.

Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit field by pressing \* (and press 95, if entering next field). To clear entries from field, press \*94\*.

- \*95 RING DET COUNT FOR DOWNLOADING
- \*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DWNLOAD
- \*97 ZEROS ALL PROGRAM FIELDS

#### TO EXIT PROGRAM MODE (\*98 or \*99)

- Press \*98 or \*99 if exiting programming, or next field number if continuing.
- \*98 EXITS PROGRAMMING MODE and prevents re-entry by: Master Code + Code + 0.
- \*99 EXITS PROGRAMMING MODE and allows re-entry by: Master Code + Code + 0.



## VIA-30 PROGRAMMING FORM (1 of 4)

[ ] = Default Value

---

**FIELD FUNCTION** **PROGRAMMED VALUES**

**SYSTEM ARMING (\*20-\*25)**

- \*20 MASTER CODE ↑     Enter 4 digits, 0-9...[4] [1] [1] [1]
- \*21 QUICK ARM ENABLE ↑  [0 = no]; 1 = yes
- \*22 RF SYSTEM TYPE ↑  [0 = none]; 1 = 5700 (4281); 2 = 5800 (5881)
- \*23 FORCED BYPASS FUNCTION ↑  [0 = none]; 1 = bypass open zones
- \*24 RF HOUSE ID CODE [0][0] ↑   MUST enter (01-31) for 5700 System; Enter also for 5827 keypad.
- \*25 WIRED EXPANSION RELAY USED ↑  [0 = none]; 1 = 4219; 2 = 4229; 3 = 4204

**ZONE SOUNDS AND TIMING (\*28-\*38)**

- \*28 SINGLE ALARM SOUNDING/ZONE ↑  [0 = no]; 1 = yes
- \*29 FIRE SOUNDER TIMEOUT DISABLE ↑  [0 = no]; 1 = yes
- \*30 ALARM BELL TIMEOUT ↑  0 = none; [1 = 4 min]; 2 = 8 min; 3 = 12 min
- \*38 ENTRY DELAY ↑  0 = 0 sec; 1 = 20 sec; [2 = 30 sec]; 3 = 45 sec  
EXIT Delay = ENTRY Delay + 15 sec

**DIALER PROGRAMMING (\*40-\*50)**

- \*40 PABX ACCESS CODE ↑     Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing \* (and press 41, if entering next field). To clear entries from field, press \*40\*.
- \*41 PRIMARY PHONE No. ↑             Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing \* (and press 42, if entering next field). To clear entries from field, press \*41\*.
- \*42 SECONDARY PHONE No. ↑             Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing \* (and press 43, if entering next field). To clear entries from field, press \*42\*.
- \*43 SUBSCRIBER ACCT No. ↑     Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; (#+15 for F). Enter \* as 4th digit, if 3+1 dialer reporting is to be used. If only 3 digits used, exit by pressing \* (and press next field). To clear entries from field, press \*43\*.

Examples: For Acct No. 1234, enter:  1  2  3  4  
 For Acct No. B234, enter:  #+11  2  3  4  
 For Acct No. 123, enter:  1  2  3  \*

- \*45 PHONE SYSTEM SELECT ↑  If Cent. Sta. IS NOT on a WATS line: [0 = Pulse Dial]; 1 = Tone Dial  
If Cent. Sta. IS on a WATS line: 2 = Pulse Dial; 3 = Tone Dial

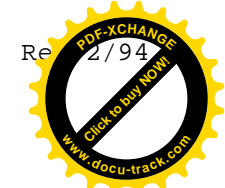
- \*46 REPORT FORMAT ↑  [0 = 3+1, 4+1 ADEMCO L/S STANDARD] 6 or undefined = 4+2 ADEMCO EXPRESS  
1 = 3+1, 4+1 RADIONICS STANDARD 7 = ADEMCO CONTACT ID REPORTING  
2 = 4+2 ADEMCO L/S STANDARD 8 = 3+1, 4+1 ADEMCO L/S EXPANDED  
3 = 4+2 RADIONICS STANDARD 9 = 3+1, 4+1 RADIONICS EXPANDED

- \*47 SPLIT/DUAL REPORTING ↑  [0 = Disable (Backup report only)]

<u>TO PRIMARY</u>	<u>TO SECONDARY</u>
1 = Alarms, Restore, Cancel	Others
2 = All except Open/Close, Test	Open/Close, Test
3 = Alarms, Restore, Cancel	All
4 = All except Open/Close, Test	All
5 = All	All

- \*48 15 SEC DIALER DELAY (BURG) ↑  [0 = no]; 1 = yes
- \*49 PERIODIC TEST MESSAGE ↑  [0 = none]; 1 = 24 hours; 2 = weekly (enter Test Code in field \*64)
- \*50 SESCO/RADIONICS SELECT ↑  [0 = Radionics (0-9, B-F reporting)]; 1 = SESCOA (0-9 only reporting)  
Select 0 for all other formats.
- \*51 CONFIRMATION OF ARMING DING ↑  [0 = no]; 1 = yes

↑ Entry of a number other than one specified will give unpredictable results.

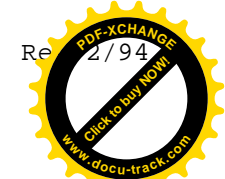


## VIA-30 PROGRAMMING FORM (2 of 4)

**\* 56 ZONE ASSIGNMENT/ALARM REPORT CODES** (See explanation on next page) →

ZONE DESCRIPTION	ZONE No. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	INPUT DEVICE (In)	LEARNED RF INPUT (L)
<b>ZONES ON CONTROL:</b>					
Zones 1-4 are not present					
Wired Zone 5	0 5			HW	--
Wired Zone 6	0 6			HW	--
Console Pads (7 & 8)	0 7			--	--
Door	0 8	--		--	--
Tamper	0 9	0 5		--	--
Console Pads (1 & 4)	0 5			--	--
Console Pads (3 & 6)	0 6			--	--

EXPANSION ZONES:		Assign Zone Numbers (Zn) 10-17 to 4210/4220 Auxiliary Wired Loops A-H, if used. RF can use (Zn) 10-69 if 4210/4220 IS NOT used, (Zn) 10-63 if 4210/4220 IS used			ENTER FOR 5800 ONLY	
4210/4220 Loop A,	1st Expn Zone					
	B, 2nd					
	C, 3rd					
	D, 4th					
	E, 5th					
	F, 6th					
	G, 7th					
	H, 8th					
	9th					
	10th					
	11th					
	12th					
	13th					
	14th					
	15th					
	16th					
	17th					
	18th					
	19th					
	20th					
	21st					
	22nd					
	23rd					
	24th					
	25th					
	26th					
	27th					
	28th					
	29th					
	30th					



## VIA-30 PROGRAMMING FORM (3 of 4)

**IN THE PREVIOUS PAGE'S ZONE ASSIGNMENT TABLE :**

**Zn = ZONE NUMBER** Zone Nos. are from 05 to 63, 95, 98. Some are pre-assigned.  
 With Field \*25 set for auxiliary wired loops (4219 or 4229), use Zone Nos. 10-17 for loops A-H.  
 With Field \*22 set for RF (5700 or 5800), use Zone Nos. 18-63 if 4219/4229 is ALSO used,  
 or 10-63 if 4219/4229 is NOT used.

**ZT = ZONE TYPE**

00 = Not Used	05 = Trouble Day/Alarm Night	10 = Interior w/Delay
01 = Entry/Exit	06 = 24 Hr Silent	20 = Arm-Stay
02 = Not Used	07 = 24 Hr Audible	21 = Arm-Away
03 = Perimeter	08 = 24 Hr Aux	22 = Disarm
04 = Interior Follower	09 = Fire	23 = No Alarm Response

DEFAULT VALUES				
Zn: 05	06	07	95	98
ZT: [09]	[07]	[06]	[00]	[00]

**RC = ALARM REPORT CODE** Two Hex Digits. For each Hex Digit, enter: 00-09 for 0-9, 10 for A, 11 for B; 12 for C, 13 for D, 14 for E, 15 for F.

If "0" is entered in the first box, there will be no report for that zone.  
 For contact ID reporting, this is enabling code only. Enter any digit (other than 0) in the first box.  
 The second box is ignored.

**In = LOOP INPUT DEVICE**

HW: Hard Wire	Enter 3 for RF: Supervised RF
AW: Aux Wire (4219 or 4229)	Enter 4 for UR: Unsupervised RF
	Enter 5 for BR: Button Type RF

These are automatically assigned, except "UR" and "BR" for 5800 RF.

**L = LEARNED RF INPUT** Used with self-learning (5800) RF Loop Input Devices. Record transmitter input number.

**TO PROGRAM SYSTEM STATUS, & RESTORE REPORT CODES (\*60-\*75):**  
 With a 3+1 or 4+1 Standard Format: Enter a code in the first box: 1-9, 0, B, C, D, E, or F. Enter "#+10" for 0, "#+11" for B, "#+12" for C, "#+13" for D, "#+14" for E, "#+15" for F.  
 A "0" (not "#+10") in the first box will disable a report.  
 A "0" (not "#+10") in the second box will result in automatic advance to the next field when programming.  
 With an Expanded or 4+2 Format: Enter codes in both boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.  
 A "0" (not "#+10") in the second box will eliminate the expanded message for that report.  
 A "0" (not "#+10") in both boxes will disable the report.  
 With Ademco Contact ID Reporting: Enter any digit (other than "0") in the first box, to enable zone to report (entries in the second boxes will be ignored).  
 A "0" (not "#+10") in the first box will disable the report.

Examples: For Code 3 (Single Digit), enter:    
 For Code 32 (Two Digits), enter:    
 For Code B2 (Hexadecimal) enter:

- SYSTEM STATUS REPORT CODES (\*60-\*69)**
- |                             |                      |                      |
|-----------------------------|----------------------|----------------------|
| *60 TROUBLE REPORT CODE     | <input type="text"/> | <input type="text"/> |
| *61 BYPASS REPORT CODE      | <input type="text"/> | <input type="text"/> |
| *62 AC LOSS REPORT CODE     | <input type="text"/> | <input type="text"/> |
| *63 LOW BATTERY REPORT CODE | <input type="text"/> | <input type="text"/> |
| *64 TEST REPORT CODE        | <input type="text"/> | <input type="text"/> |
| *65 OPEN REPORT CODE        | <input type="text"/> | ††                   |
| *66 CLOSE REPORT CODE       | <input type="text"/> | ††                   |

†† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.

- \*67 RF XMTR LOW BAT REPORT CODE    
 \*68 CANCEL REPORT CODE

**RESTORE REPORT CODES (\*69-\*75)**

\*69 GROUP RESTORES for TROUBLE,   
 RF LOW BAT, BYPASS: [0 = no (report for each restore)],  
 1 = yes (report after all zones restored)  
 Note: "1" not applicable to Contact ID reporting.

- \*70 ALARM RESTORE REPORT CODE   
 2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*56, if expanded or 4+2 reporting is selected.
- \*71 TROUBLE RESTORE REPORT CODE
- \*72 BYPASS RESTORE REPORT CODE
- \*73 AC RESTORE REPORT CODE
- \*74 LOW BAT RESTORE REPORT CODE
- \*75 RF XMTR LO BAT RST REPORT CODE

- \*80 OUTPUT RELAYS
- \*81 ZONE LISTS FOR OUTPUT RELAYS Program only if Relays are to be used. See next page.
- \*82 CUSTOM ALPHA EDITING: (Also entered from field \*56): See procedure in instructions.
- \*83 ADD/DELETE 5800 RF INPUT IDs: (Also can be accomplished from field \*56): See procedure in instructions, under field \*56.

**DOWNLOAD INFO (\*94, \*95)**

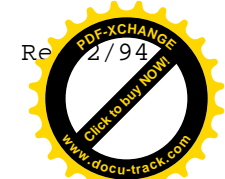
\*94 DOWNLOAD PHONE No.              
 Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit field by pressing \* (and press 9t if entering next field). To clear entries from field, press \*94\*

- \*95 RING DET COUNT FOR DOWNLOADING   
 [0=Disable Station Initiated Download]; 1-14=number of rings (1-9, #+10=10, #+11=11, #+12=12, #+13=13, #+14=14); 15=answering machine defeat (#+15=15)
- \*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DOWNLOAD: No entry required.
- \*97 SETS ALL PROGRAM FIELDS TO DEFAULT VALUES: No entry required.

**TO EXIT PROGRAM MODE (\*98 or \*99)**  
 Press \*98 or \*99 if exiting programming, or next field number if continuing.

\*98 EXITS PROGRAMMING MODE and prevents re-entry by: Master Code + Code + 0.

\*99 EXITS PROGRAMMING MODE and allows re-entry by: Master Code + Code + 0 or by: Power-up + "" + "#".



## VIA-30 PROGRAMMING FORM (4 of 4)

**OUTPUT RELAYS (R00, \*80) Applicable only if relays are to be used.**

**\*80 OUTPUT RELAYS**

- Notes:** 1. Field \*25 must be programmed for a 4229 (Relays 01 and 02) or a 4204 (Relays 01 to 04).  
 2. Tripers of contacts or expansion units cannot be used to operate relays.

OUTPUT RELAY	RELAY ADDRESS (R)	START ← either or both →			STOP ← either or both →	
		EVENT (EV)	ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)	RESTORE of ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)
01	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
03	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
04	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Where: **A = RELAY ADDRESS** 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off  
**EV = EVENT** 0 = None; 1 = Alarm; 2 = Fault; 3 = Trouble  
**ZL = ZONE LIST** 1, 2, or 3 (from Field \*81) or 0 = Not Used.  
**\*START ZONE LIST:** Upon alarm, fault, or trouble of ANY zone on this list, relay action will START.  
**\*STOP RESTORE of ZONE LIST:** Upon restore of ALL zones on this list, relay action will STOP. It need not be same list as used for START.

**ZT = ZONE PERFORMANCE OPERATION**

Options for Zone Types are:

- 00 = No Response (Not Used)
- 01 = Burglar
- 02 = Fire
- 03 = Trouble
- 04 = Trouble/Fault
- 05 = Trouble/Alarm Night

- 06 = 24 Hr Silent
- 07 = 24 Hr Audible
- 08 = 24 Hr Aux
- 09 = Fire
- 10 = Interior w/Delay

**Note:** Any zone in "ZT" going into alarm, fault, or trouble will actuate relay. Any zone of that type that restores will stop relay action.

Options for System Operation are:

- 33 = Any Burglary Alarm
- 34 = Code + # + 7 Key Entry
- 35 = Code + # + 8 Key Entry
- 36 = At Bell Timeout\*\*
- 37 = 2 times Bell Timeout\*\*

- 38 = Chime
- 39 = Any Fire Alarm
- 40 = Bypassing
- 41 = AC Power Failure
- 42 = System Battery Low

\*\*Whichever, whichever occurs earlier.

**\*81 ZONE LISTS FOR OUTPUT RELAYS** Any list may include any or all of system's zone numbers.

**Zone List 1:** Started or stopped by zone numbers (enter 00 to end entries).

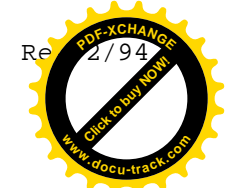
...etc.

**Zone List 2:** Started or stopped by zone numbers (enter 00 to end entries).

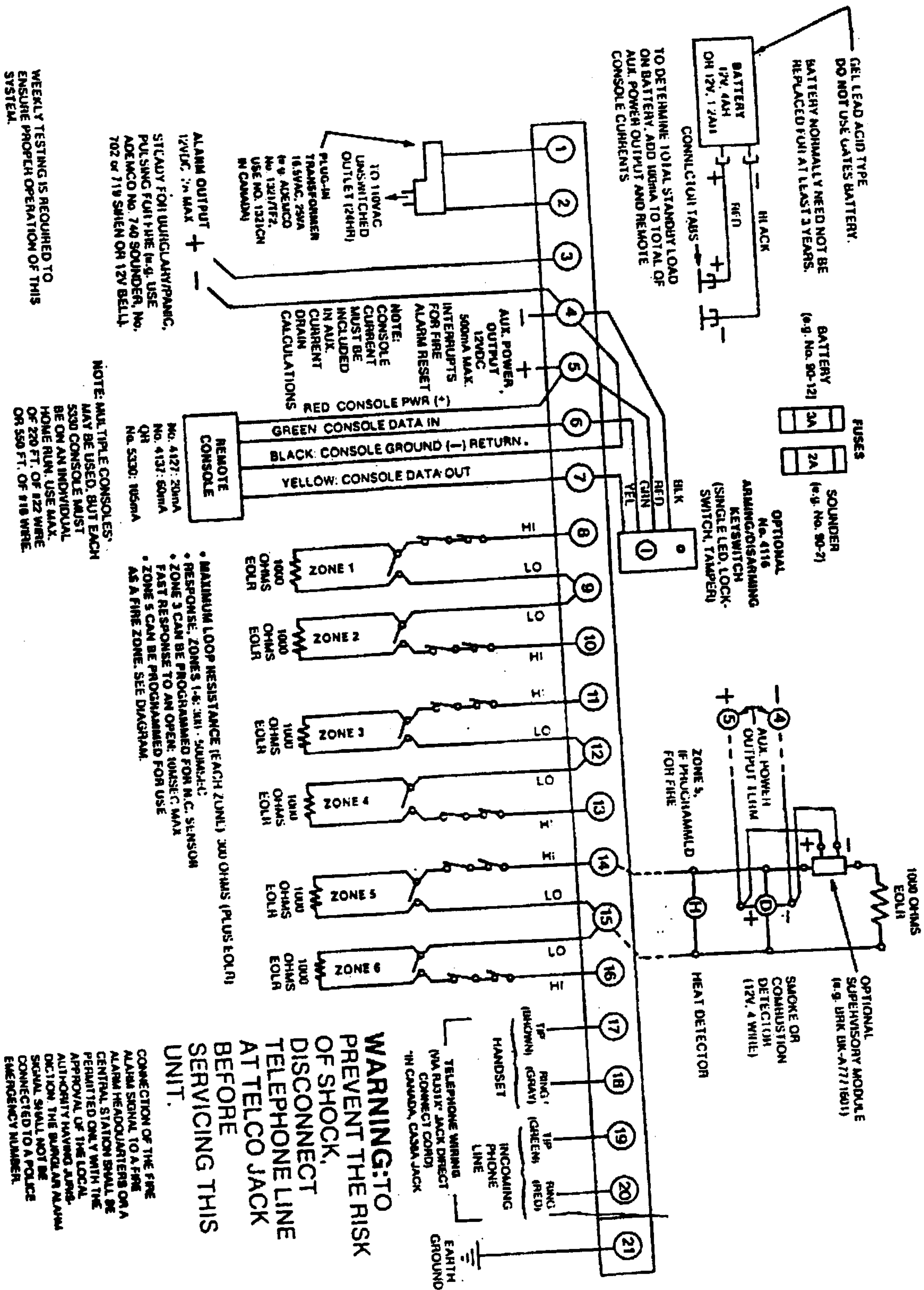
...etc.

**Zone List 3:** Started or stopped by zone numbers (enter 00 to end entries).

...etc.

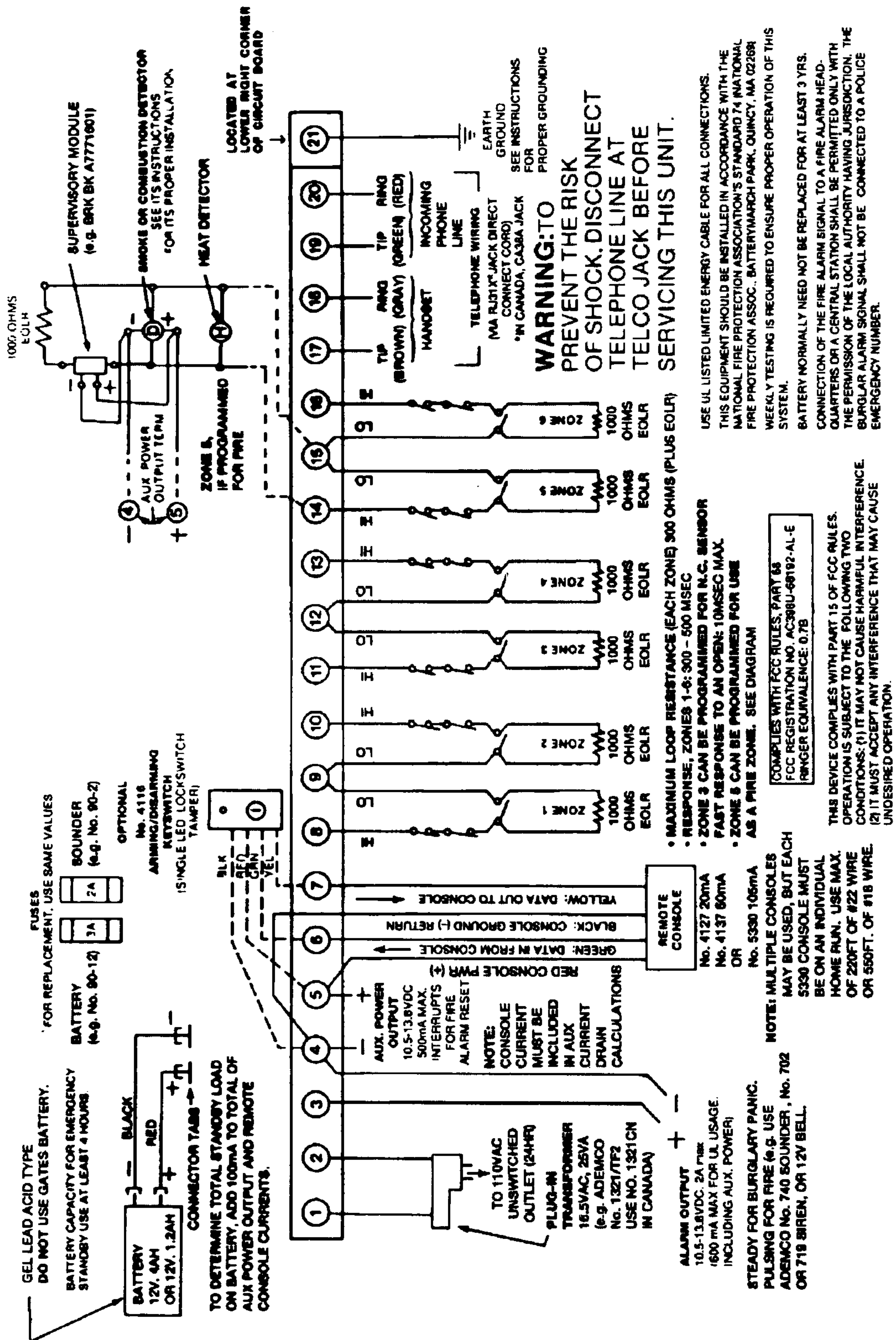


# 4110 SUMMARY OF CONNECTIONS





## 4110DL SUMMARY OF CONNECTIONS



**WARNING: TO PREVENT THE RISK OF SHOCK, DISCONNECT TELEPHONE LINE AT TELCO JACK BEFORE SERVICING THIS UNIT.**

USE UL LISTED LIMITED ENERGY CABLE FOR ALL CONNECTIONS. THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION'S STANDARD 74 (NATIONAL FIRE PROTECTION ASSOC., BATTERY MARCH PARK, QUINCY, MA 02268). WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM. BATTERY NORMALLY NEED NOT BE REPLACED FOR AT LEAST 3 YRS. CONNECTION OF THE FIRE ALARM SIGNAL TO A FIRE ALARM HEAD-QUARTERS OR A CENTRAL STATION SHALL BE PERMITTED ONLY WITH THE PERMISSION OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE BURGLAR ALARM SIGNAL SHALL NOT BE CONNECTED TO A POLICE EMERGENCY NUMBER.

**MAXIMUM LOOP RESISTANCE (EACH ZONE) 300 OHMS (PLUS EOLR)**

- RESPONSE, ZONES 1-6: 300 - 500 MSEC
- ZONE 3 CAN BE PROGRAMMED FOR N.C. SENSOR
- FAST RESPONSE TO AN OPEN: 10MSEC MAX.
- ZONE 5 CAN BE PROGRAMMED FOR USE AS A FIRE ZONE. SEE DIAGRAM

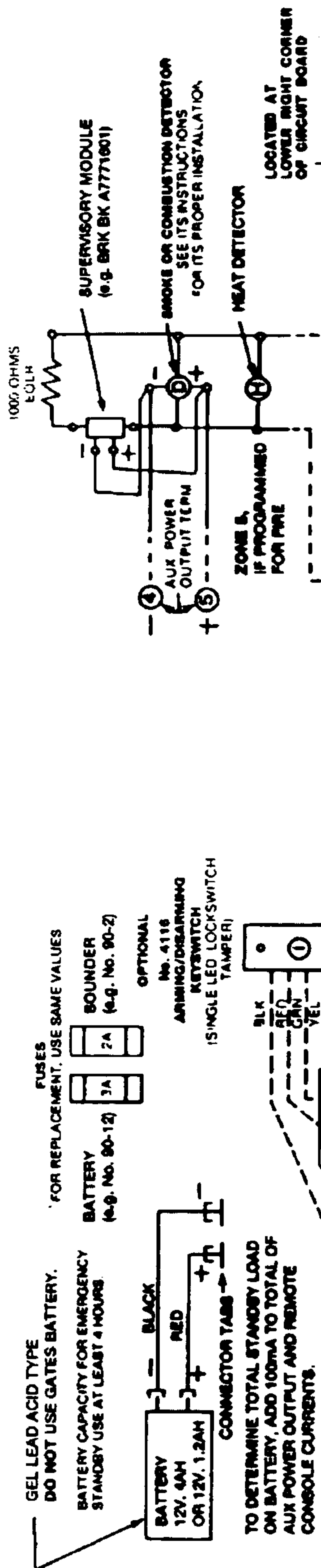
**COMPLIES WITH FCC RULES, PART 68**  
 FCC REGISTRATION NO. AC398U-68182-AL-E  
 RINGER EQUIVALENCE: 0.78

THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) IT MAY NOT CAUSE HARMFUL INTERFERENCE. (2) IT MUST ACCEPT ANY INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

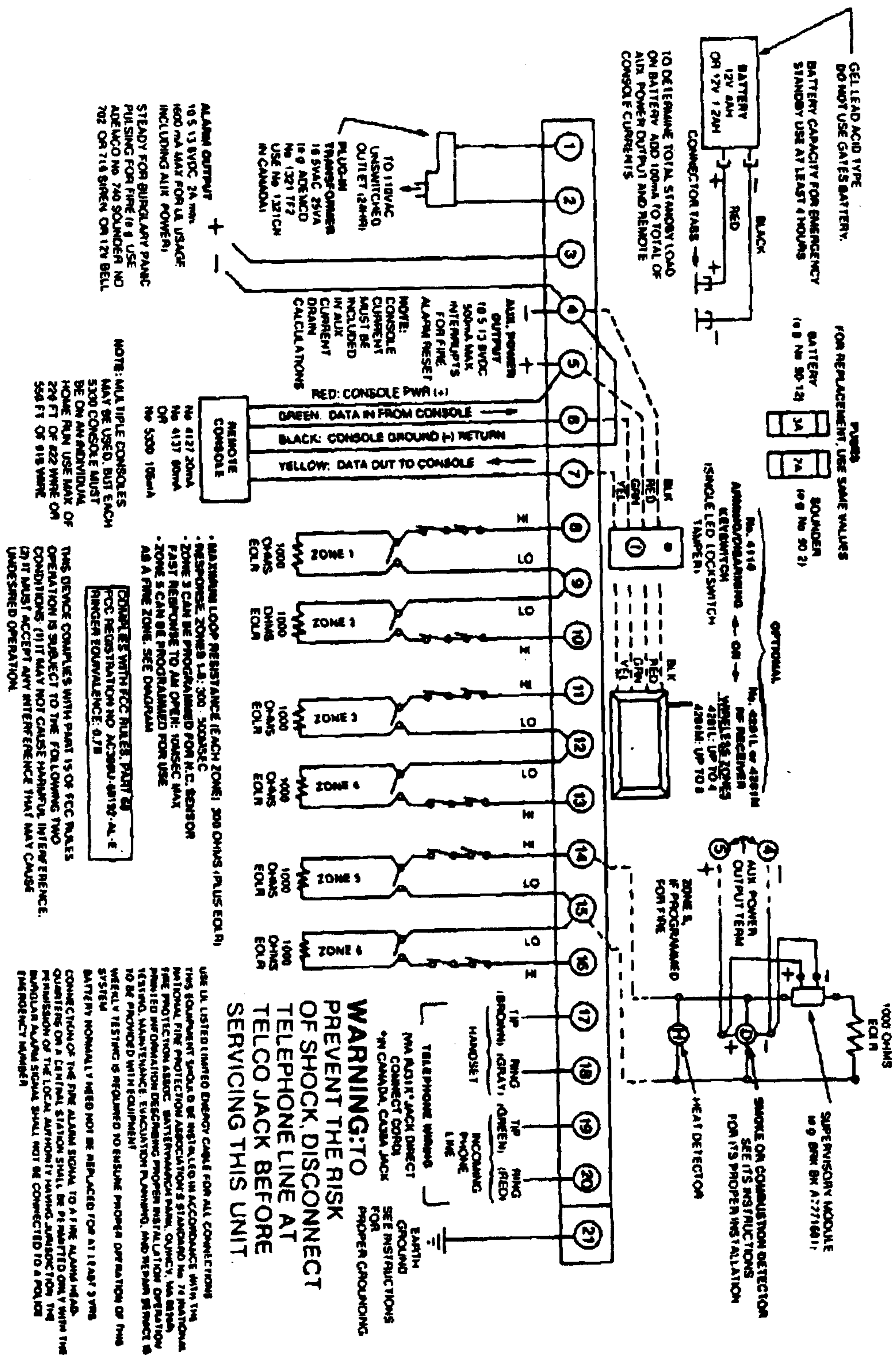
**ALARM OUTPUT**  
 10.5-13.8VDC, 2A FUSE  
 1600 mA MAX FOR UL USAGE, INCLUDING AUX. POWER)

**STEADY FOR BURGLARY PANIC.**  
 PULSING FOR FIRE (e.g. USE ADEMCO No. 740 SOUNDER, No. 702 OR 718 SIREN, OR 12V BELL.

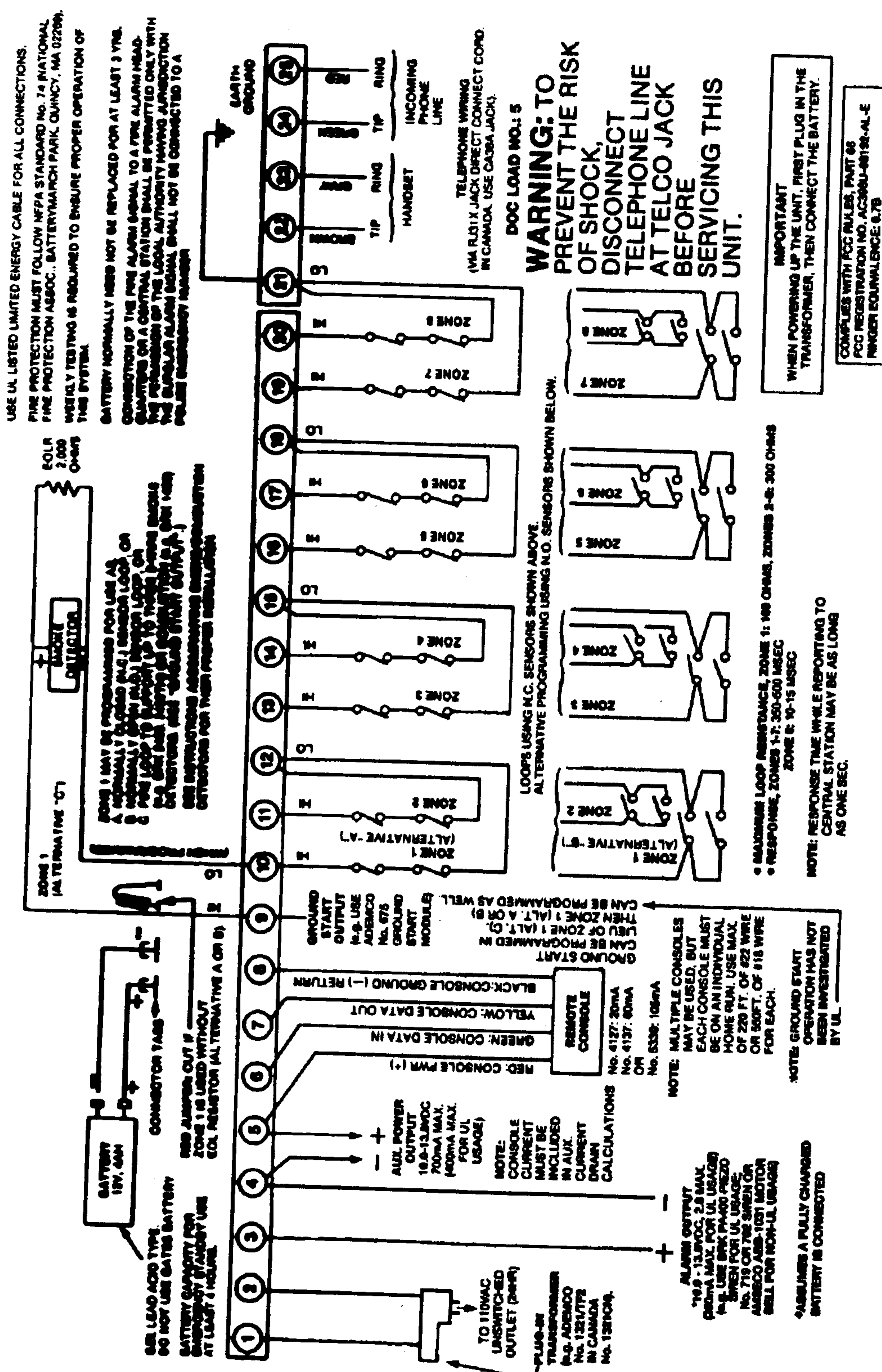
**NOTE: MULTIPLE CONSOLES MAY BE USED, BUT EACH 5330 CONSOLE MUST BE ON AN INDIVIDUAL HOME RUN. USE MAX. OF 220FT OF #22 WIRE OR 550FT. OF #18 WIRE.**



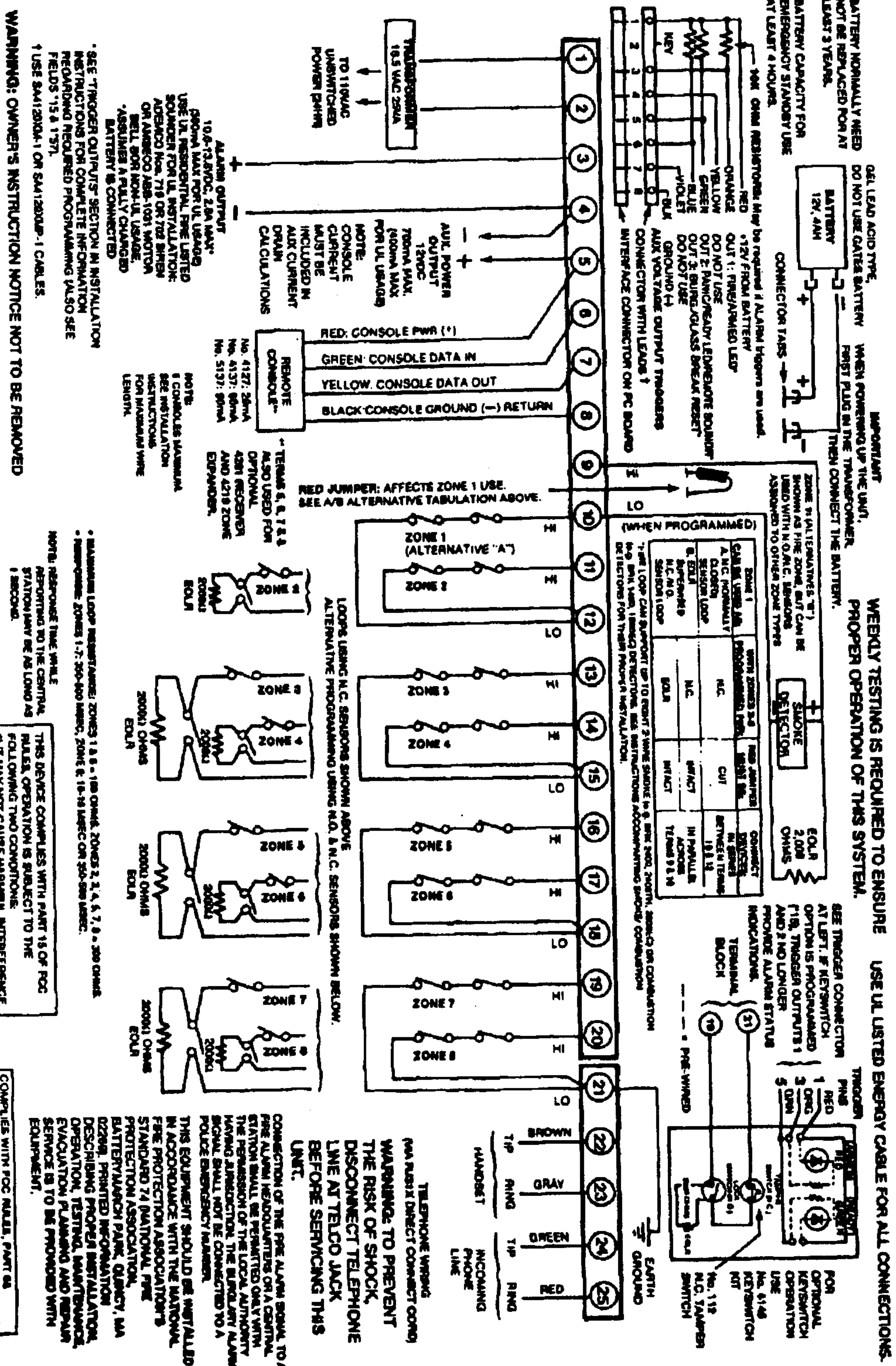
# 4110XM SUMMARY OF CONNECTIONS



# 4120EC SUMMARY OF CONNECTIONS



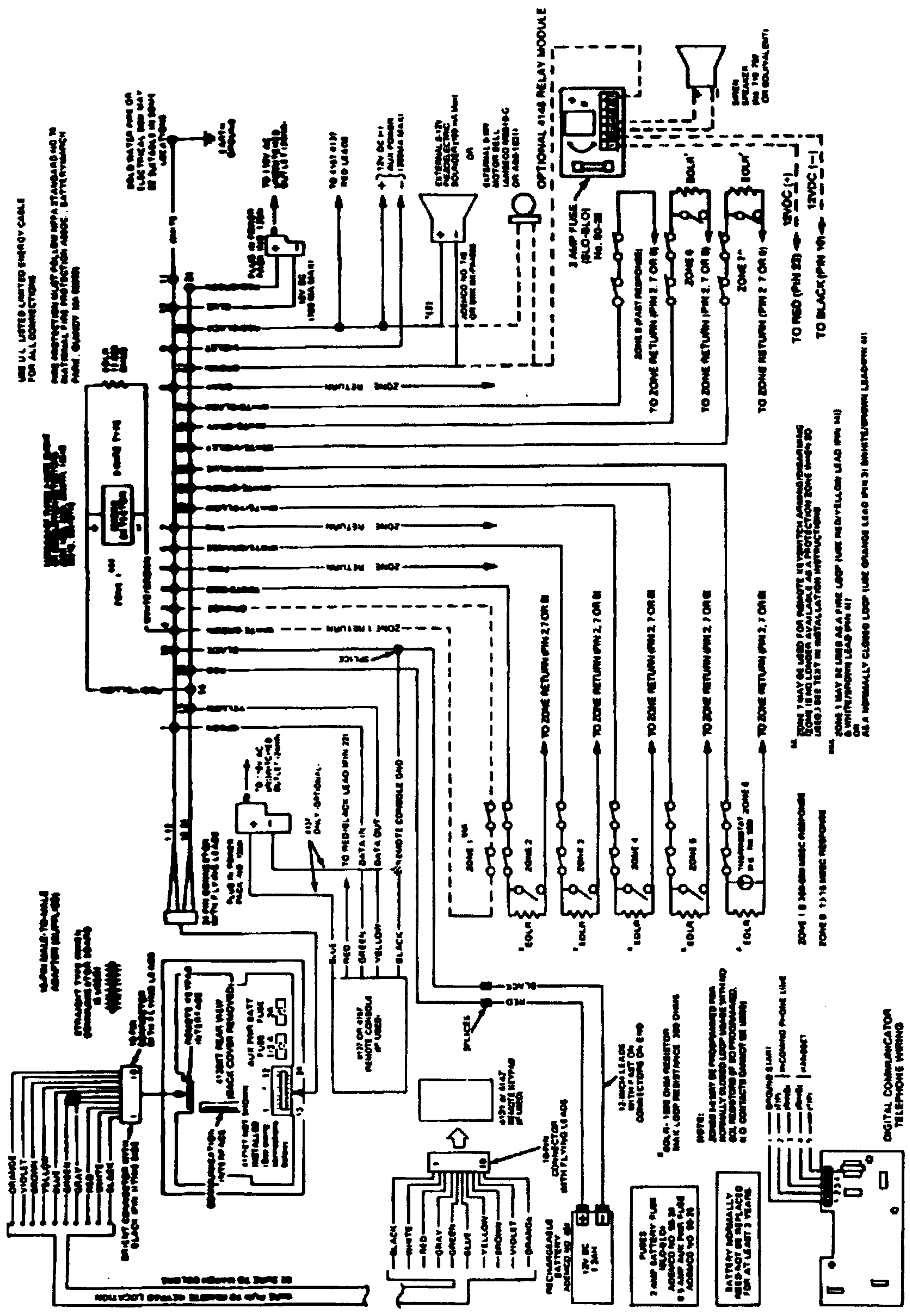
# 4120XM SUMMARY OF CONNECTIONS







# 4130XT / 5130XT SUMMARY OF CONNECTIONS

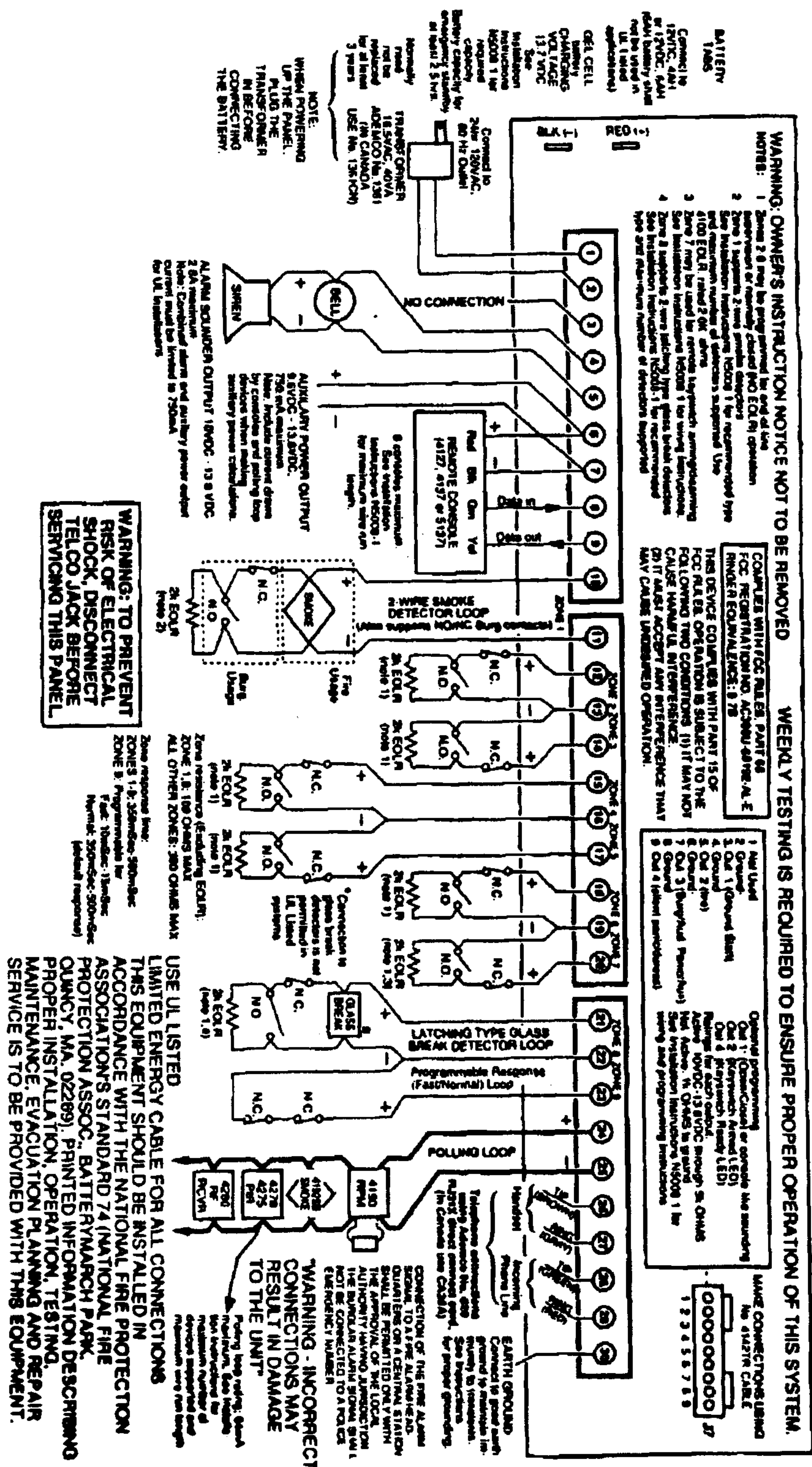








# 4140XMP SUMMARY OF CONNECTIONS



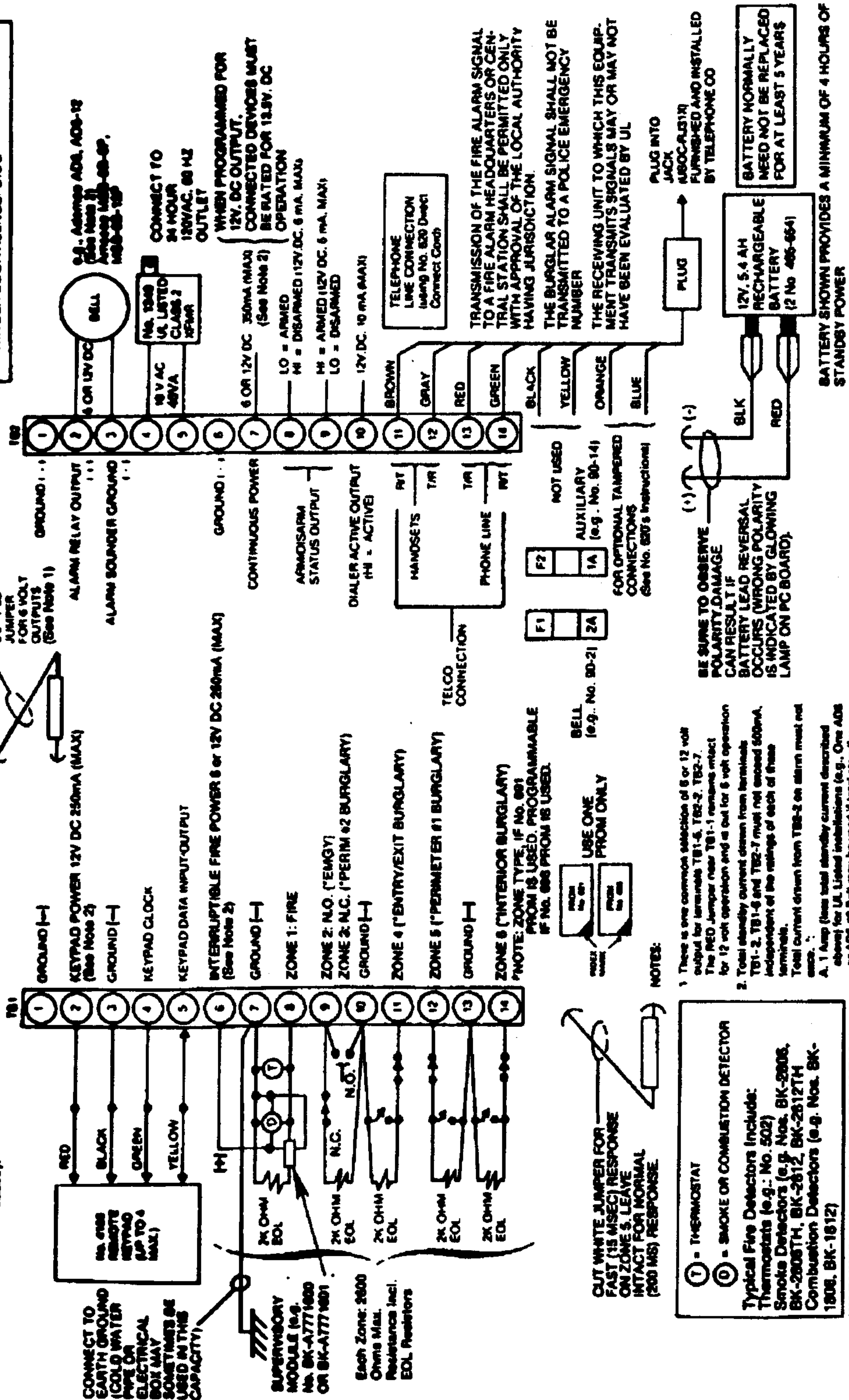




# 4150 (VERSION 2/3) SUMMARY OF CONNECTIONS

FOR COMPLETE INFORMATION SEE TEXT AND USER'S MANUAL P887-2V1. ALL INTERCONNECTIONS MUST BE MADE USING UL LISTED LIMITED ENERGY CABLE. FIRE PROTECTION INSTALLATION MUST FOLLOW REQUIREMENTS OF NFPA STANDARD NO. 74 (NATIONAL FIRE PROTECTION ASSOCIATION, BATTERYMAN PARK, QUINCY, MA 02269).

COMPLIES WITH FCC RULES, PART 68  
FCC REGISTRATION NO. CFSADL-71824-AL-R  
RINGER EQUIVALENCE 0.08



**NOTES:**

- There is one common selection of 6 or 12 volt output for terminals TB1-6, TB2-2, TB2-7. The RED jumper near TB1-1 remains intact for 12 volt operation and is cut for 6 volt operation.
- Total standby current drawn from terminals TB1-2, TB1-6 and TB2-7 must not exceed 600mA, independent of the ratings of each of these terminals. Total current drawn from TB2-2 on alarm must not exceed 1.5 Amps.

**WARNING:** OWNER'S INSTRUCTION NOTICES NOT TO BE REMOVED BY ANYONE EXCEPT OCCUPANT.



## 4153 (VECTOR 3000) SUMMARY OF CONNECTIONS

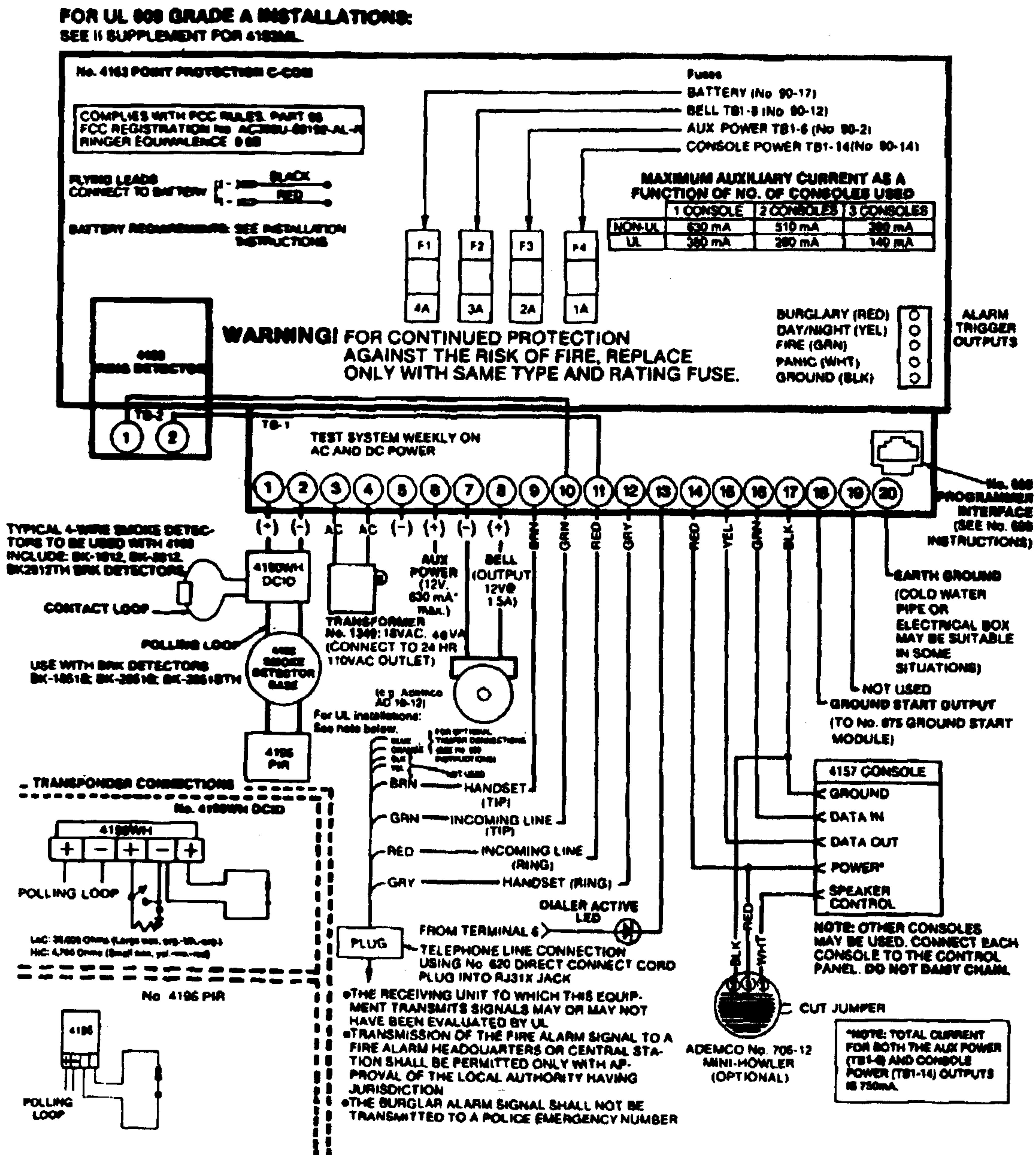


DIAGRAM 5. No. 4153 SUMMARY OF CONNECTIONS

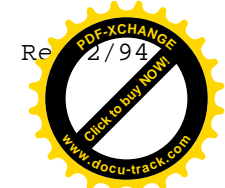
**Note regarding UL installations:**

1. Sounding devices must be listed per UL 464 and have a marked rating of 85 Decibels or more.
2. UL 609 installations: Sounding device must be listed "Burglar Alarm Sounding Device For Use In Listed Housing" and the bell housing must be listed Grade A.
3. Maximum bell output power is 12V. at 1.5A.

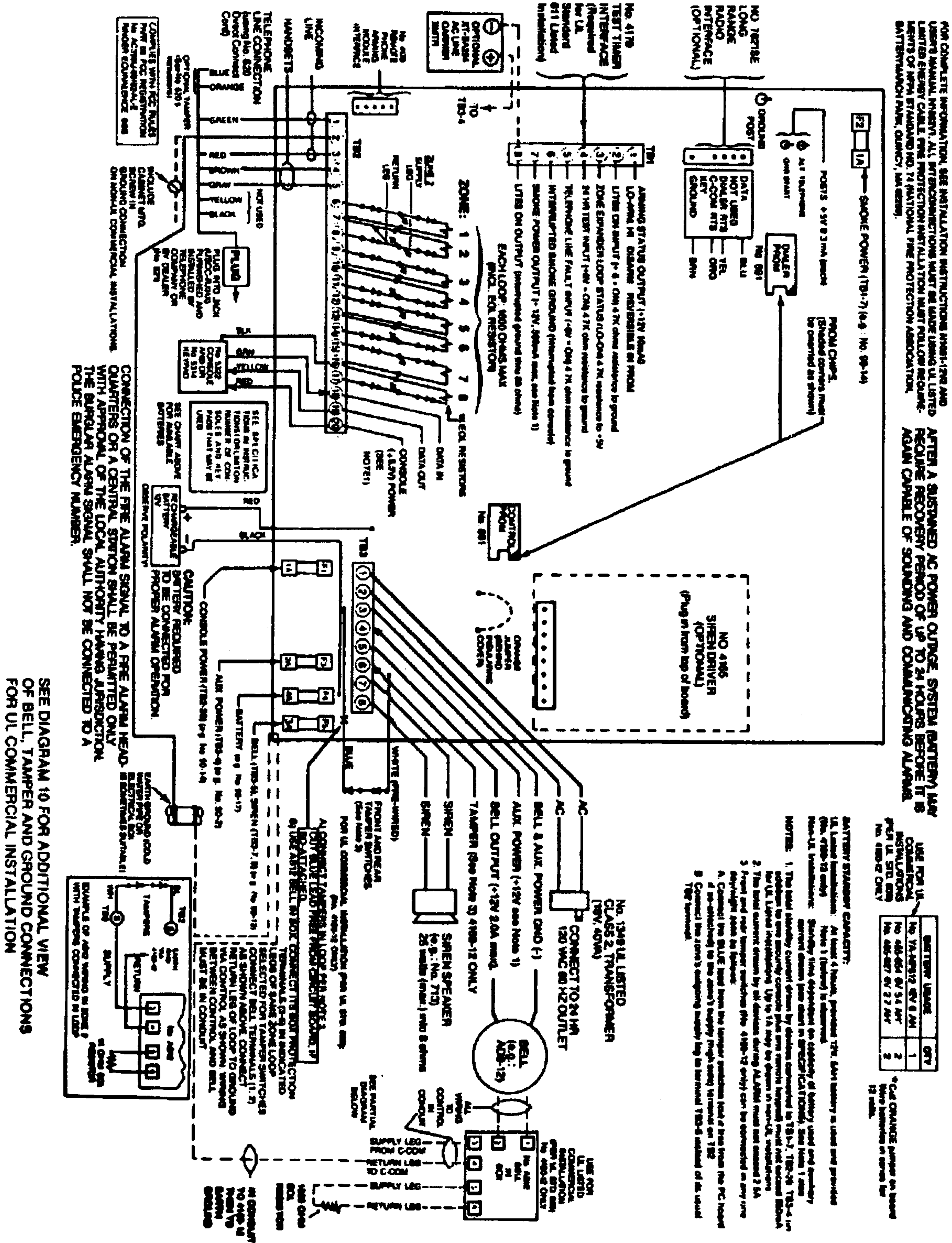








# 4180-12 / 4180EC SUMMARY OF CONNECTIONS



# 5140XM SUMMARY OF CONNECTIONS

**WARNING: OWNER'S INSTRUCTION NOTICE NOT TO BE REMOVED**  
REFER TO INSTRUCTIONS 48019 FOR ADDITIONAL INFORMATION

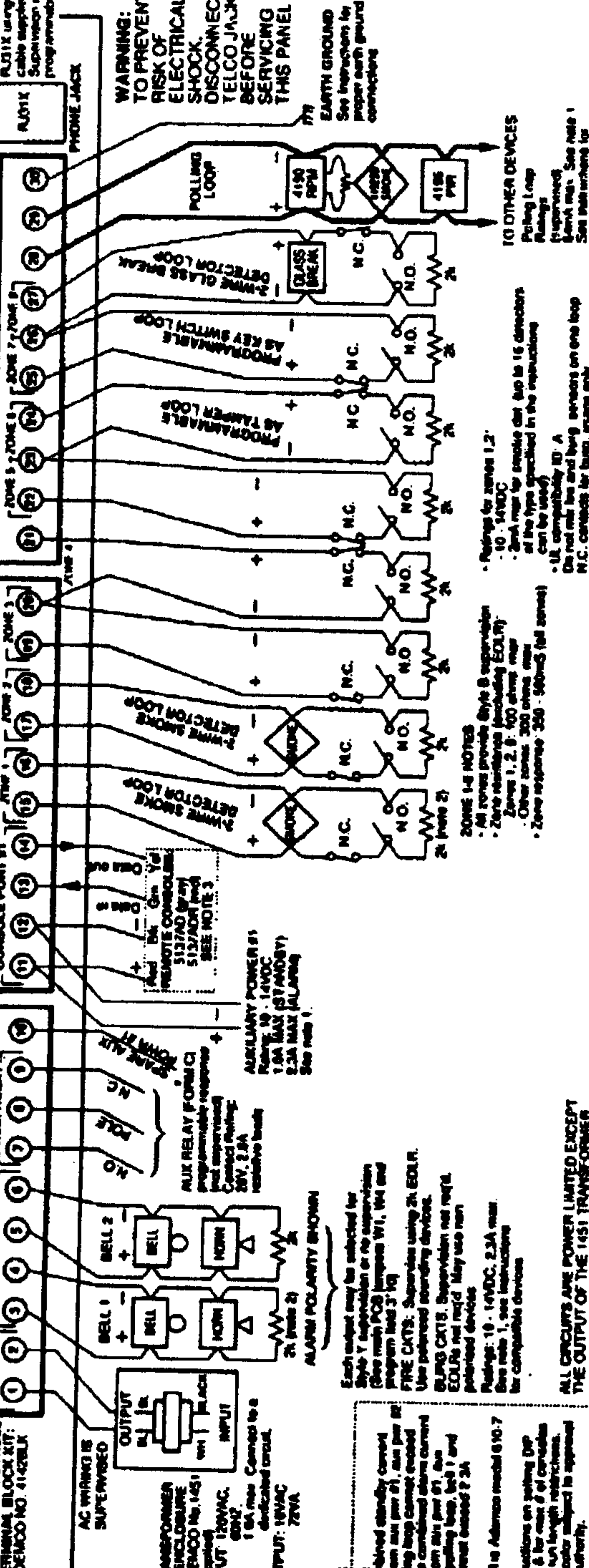
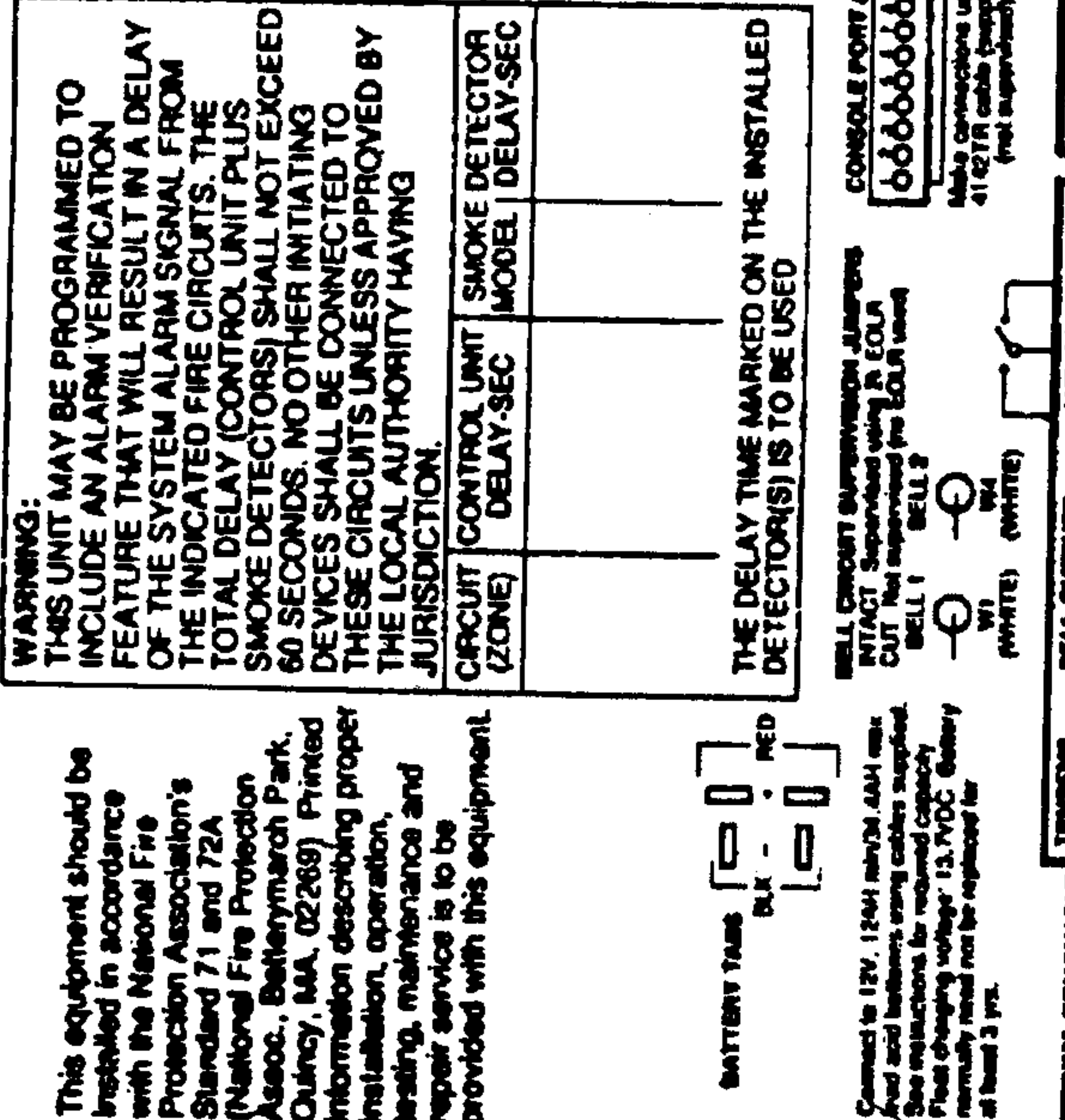
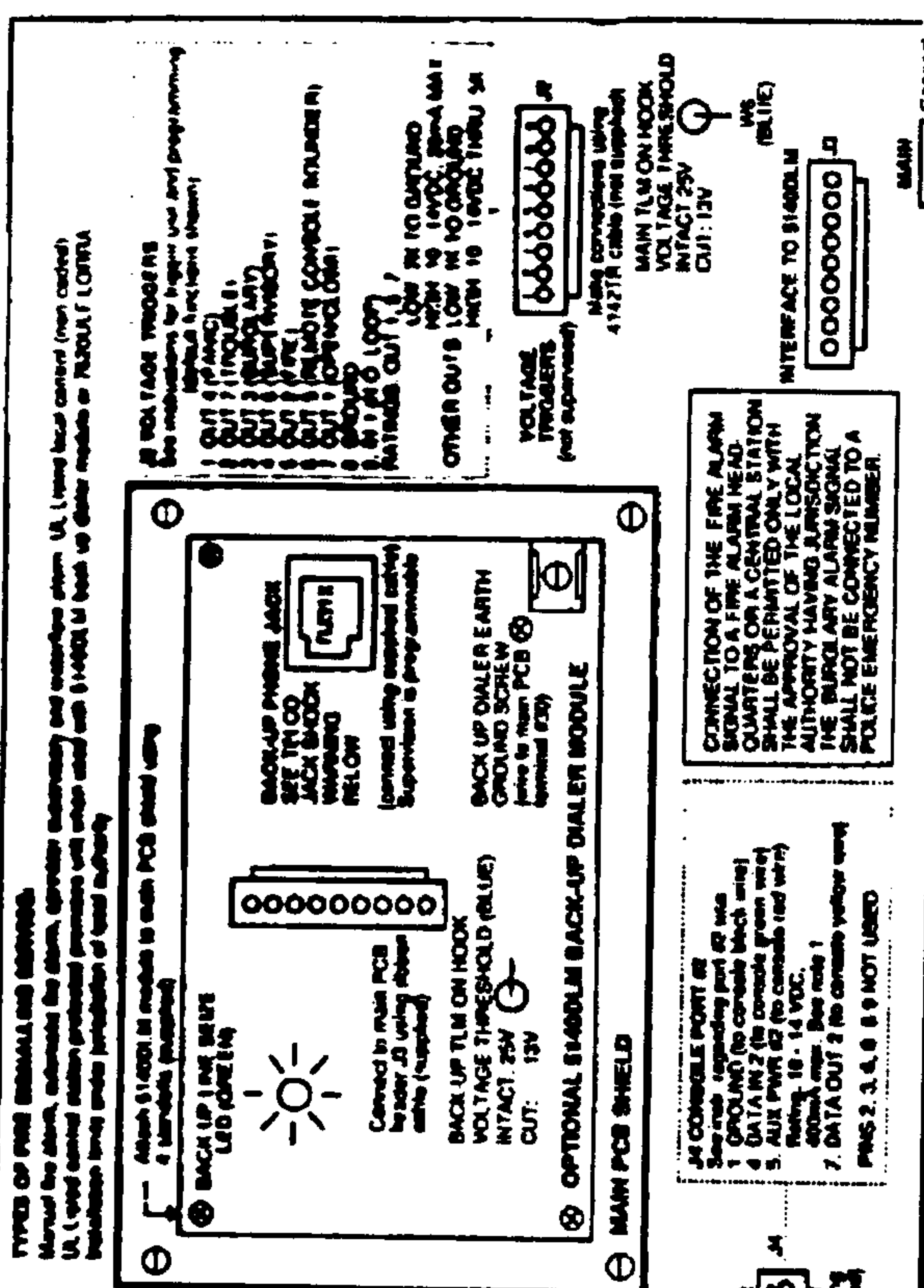
This equipment should be installed in accordance with the National Fire Protection Association's Standard 71 and 72A (National Fire Protection Assoc., Batterymarch Park, Quincy, MA, 02269) Printed information describing proper installation, operation, testing, maintenance and repair service is to be provided with this equipment.

**WARNING:**  
THIS UNIT MAY BE PROGRAMMED TO INCLUDE AN ALARM VERIFICATION FEATURE THAT WILL RESULT IN A DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED FIRE CIRCUITS. THE TOTAL DELAY (CONTROL UNIT PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS. NO OTHER INITIATING DEVICES SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

CIRCUIT CONTROL UNIT (ZONE)	SMOKE DETECTOR MODEL	DELAY-SEC

THE DELAY TIME MARKED ON THE INSTALLED DETECTOR(S) IS TO BE USED

## TEST BURGLARY SYSTEM WEEKLY



**NOTE 1:** The combined standby current drawn from any one of the four 1.5A. The combined standby current drawn from any one of the four 1.5A. The combined standby current drawn from any one of the four 1.5A. The combined standby current drawn from any one of the four 1.5A.

**NOTE 2:** The EOLR is address coded 610.7. See instructions on page 10P for details on setting DIP switches & the location of controls and wire length restrictions. Consult only equipment approved by local authority.

**NOTE 3:** The EOLR is address coded 610.7. See instructions on page 10P for details on setting DIP switches & the location of controls and wire length restrictions. Consult only equipment approved by local authority.

**NOTE 4:** All zones provide Style B supervision. Zone 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 are supervised. Zone 11, 12, 13, 14, 15, 16 are not supervised. Zone 17, 18, 19, 20 are not supervised. Zone 21, 22, 23, 24 are not supervised.

**NOTE 5:** Ratings for zones 1, 2: - 10 - 14VDC. - 2.5A max (standby) 1.5A max (alarm). Zone 3, 4, 5, 6, 7, 8, 9, 10: - 10 - 14VDC. - 2.5A max (standby) 1.5A max (alarm). Zone 11, 12, 13, 14, 15, 16: - 10 - 14VDC. - 2.5A max (standby) 1.5A max (alarm). Zone 17, 18, 19, 20: - 10 - 14VDC. - 2.5A max (standby) 1.5A max (alarm). Zone 21, 22, 23, 24: - 10 - 14VDC. - 2.5A max (standby) 1.5A max (alarm).

**NOTE 6:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 7:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 8:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 9:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 10:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 11:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 12:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 13:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 14:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 15:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 16:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 17:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 18:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 19:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 20:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 21:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 22:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 23:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 24:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 25:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 26:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 27:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 28:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 29:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 30:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 31:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 32:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 33:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 34:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 35:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 36:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 37:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 38:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 39:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 40:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 41:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 42:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 43:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 44:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 45:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 46:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 47:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 48:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 49:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 50:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 51:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 52:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 53:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 54:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 55:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 56:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 57:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 58:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 59:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 60:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 61:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 62:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 63:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 64:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 65:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 66:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 67:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 68:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 69:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 70:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 71:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 72:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 73:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 74:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 75:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 76:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 77:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 78:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 79:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 80:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 81:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 82:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 83:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 84:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 85:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 86:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 87:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 88:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 89:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 90:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 91:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 92:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 93:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 94:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 95:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

**NOTE 96:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

**NOTE 97:** Ratings: 10 - 14VDC, 2.5A max. See instructions for compatible devices.

**NOTE 98:** All circuits are power limited except the output of the 1451 transformer.

**NOTE 99:** Each output may be subjected for Style Y supervision or no supervision (See main PCB program W1, W4 and program lead 3-10).

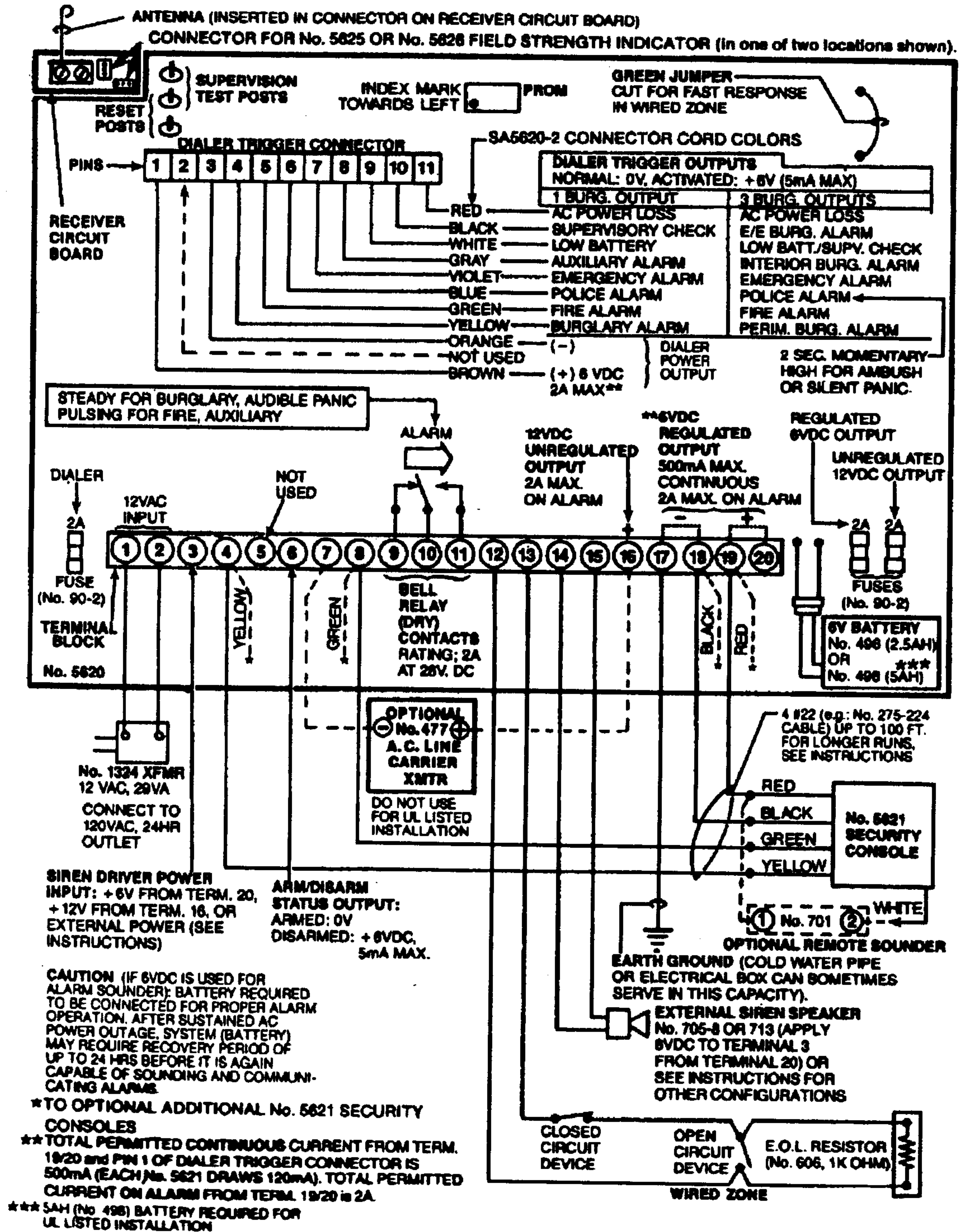
**NOTE 100:** FIRE CIRTS: Supervision using 24 EOLR. Use polarized supervising devices. BUNG CIRTS: Supervision not req'd. EOLR is not req'd. May use non-polarized devices.

## 5620 (Alert II) SUMMARY OF CONNECTIONS

FOR COMPLETE INFORMATION, SEE TEXT

ALL INTERCONNECTIONS MUST BE MADE USING U.L. LISTED LIMITED ENERGY CABLE. IF FIRE PROTECTION IS IMPLEMENTED, FOLLOW INSTALLATION REQUIREMENTS OF NFPA STANDARD No. 74 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.)

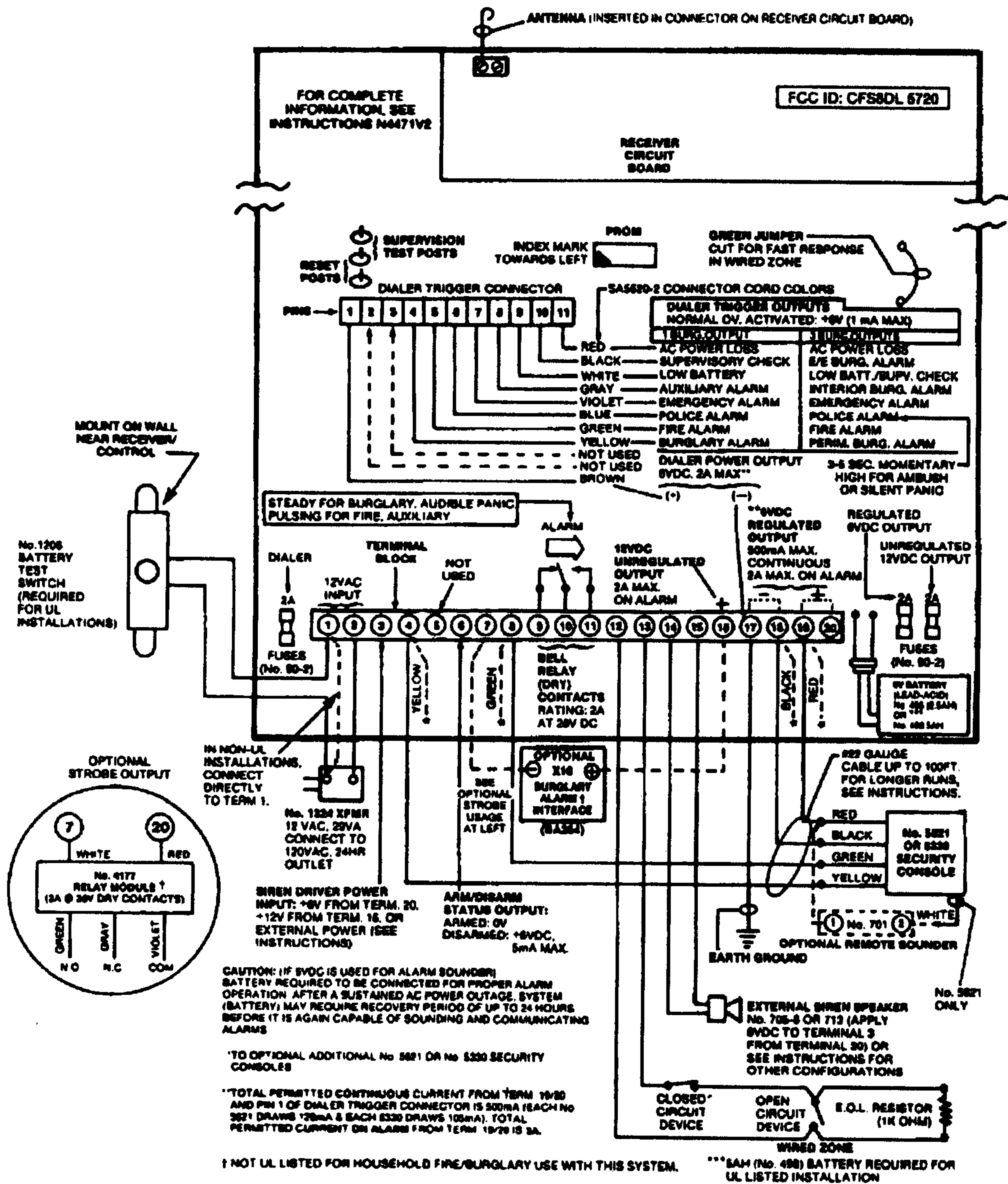
TWISTED WIRING IS RECOMMENDED FOR ALL RUNS.



### 5720 (Alert III) SUMMARY OF CONNECTIONS

ALL INTERCONNECTIONS MUST BE MADE USING U.L. LISTED LIMITED ENERGY CABLE. IF FIRE PROTECTION IS IMPLEMENTED, FOLLOW INSTALLATION REQUIREMENTS OF NFPA STANDARD No. 74 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.)

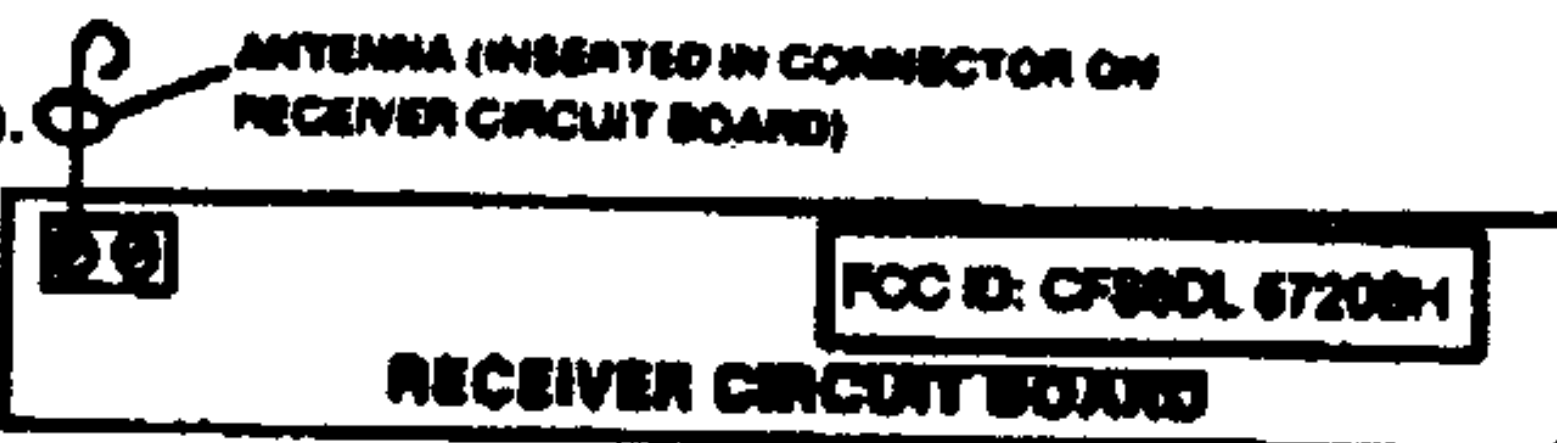
TWISTED WIRING IS RECOMMENDED FOR ALL RUNS.



# 5720XR (Alert III) SUMMARY OF CONNECTIONS

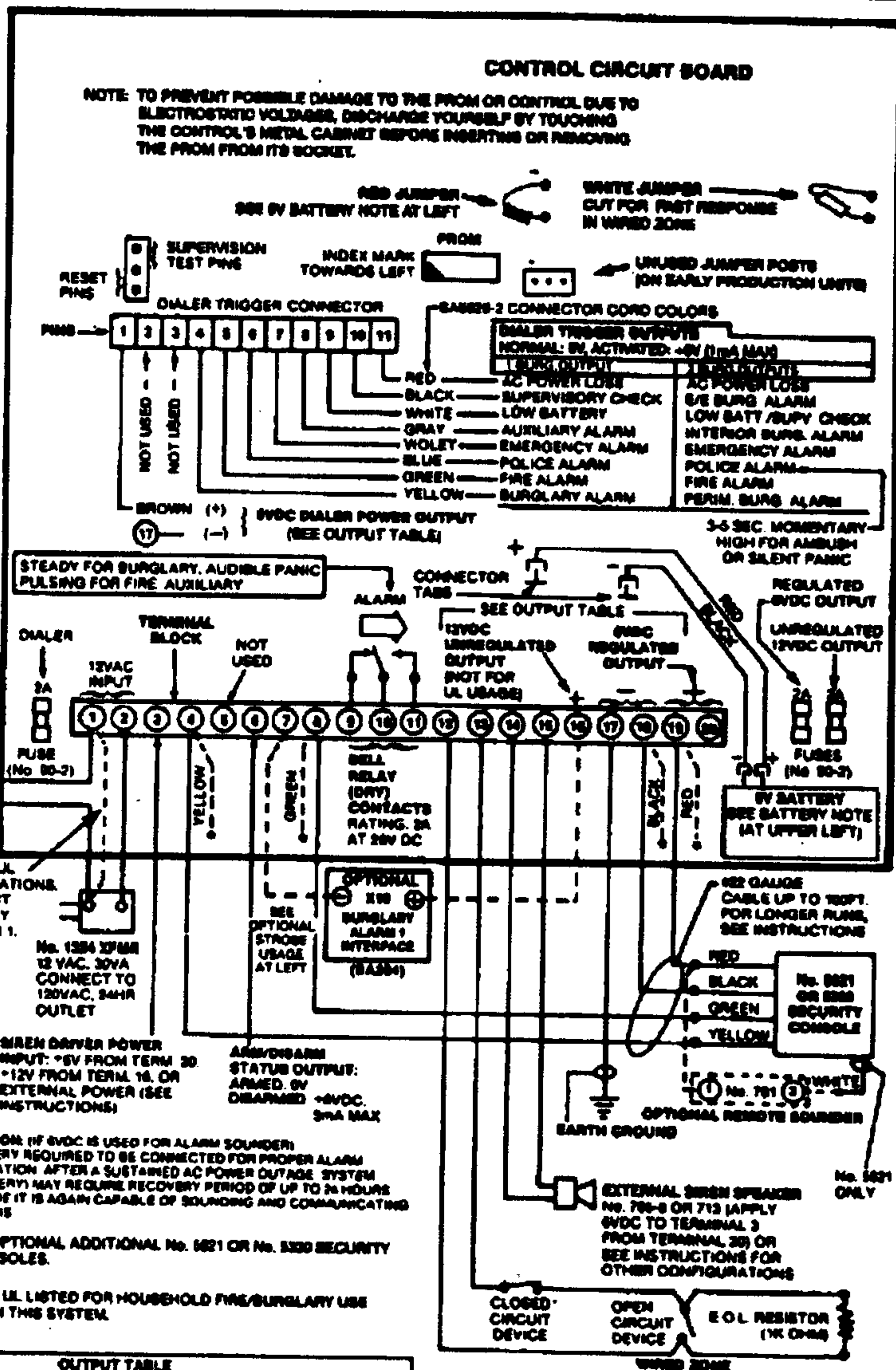
TWISTED WIRING IS RECOMMENDED FOR ALL RUNS.

ALL INTERCONNECTIONS MUST BE MADE USING U.L. LISTED LIMITED ENERGY CABLE. IF FIRE PROTECTION IS IMPLEMENTED, FOLLOW INSTALLATION REQUIREMENTS OF NFPA STANDARD No. 74 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269.)

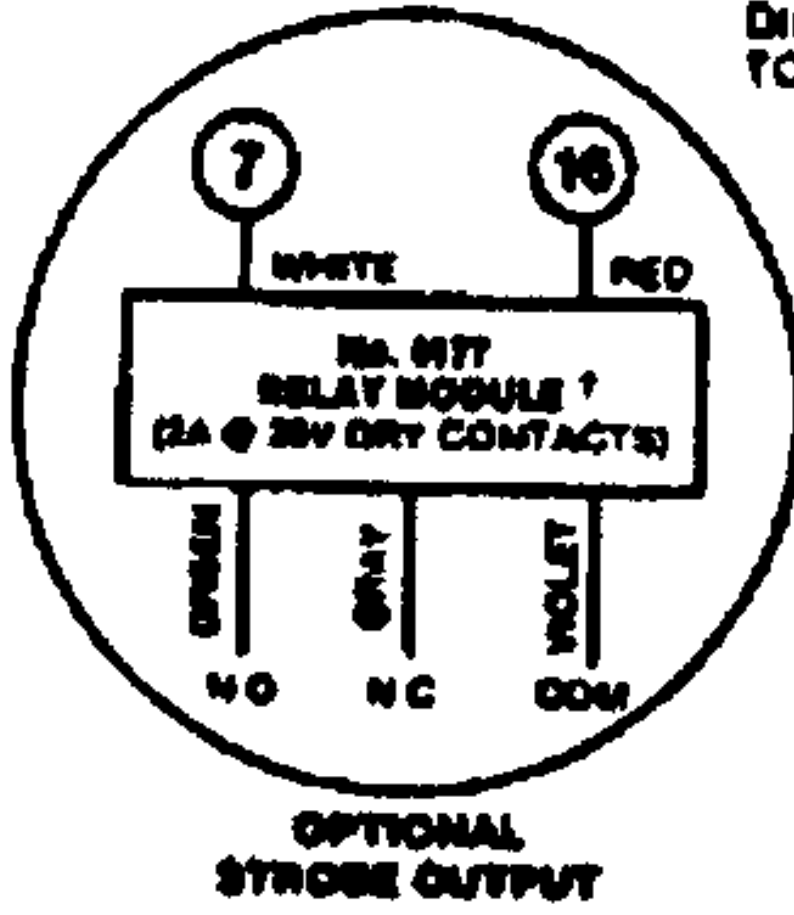


**OF BATTERY NOTE**

WITH RED JUMPER INTACT, USE GATES MONOBLOC BATTERY No. 485-627 (2.7AH) OR No. 485-684 (3.4AH) REQUIRED FOR UL INSTALLATION CUT RED JUMPER TO USE GEL TYPE SEALED LEAD ACID BATTERY (NON-UL INSTALLATIONS ONLY) SUCH AS: YUASA YA-NP268 (6V, 2.6AH) OR YA-NP48 (6V, 4.8AH)



No. 1886 BATTERY TEST SWITCH (N.C. MOMENTARY) (REQUIRED FOR UL INSTALLATIONS) MOUNT ON WALL NEAR RECEIVER/CONTROL



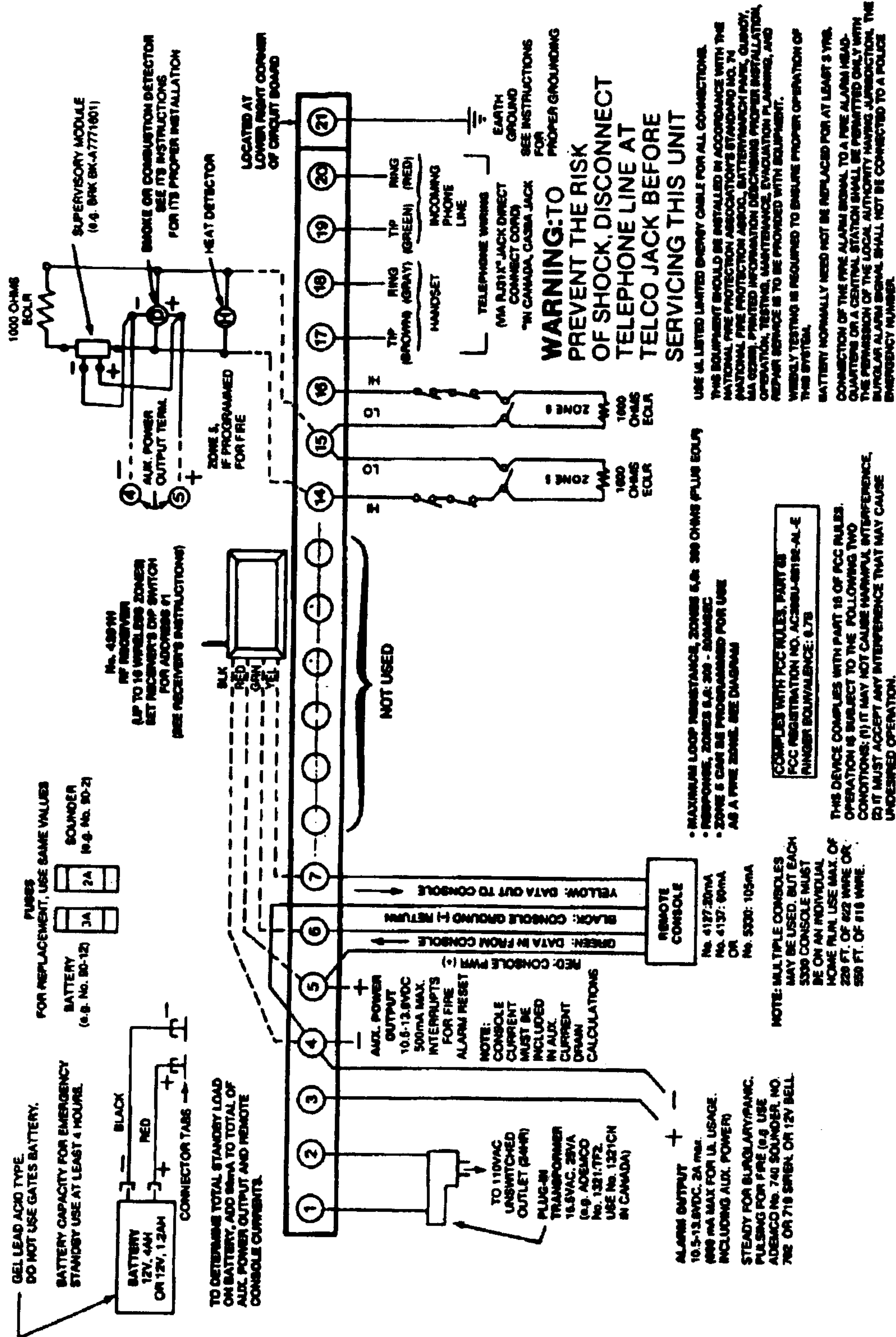
CAUTION: IF 6VDC IS USED FOR ALARM SOUNDER, BATTERY REQUIRED TO BE CONNECTED FOR PROPER ALARM OPERATION AFTER A SUSTAINED AC POWER OUTAGE SYSTEM (BATTERY) MAY REQUIRE RECOVERY PERIOD OF UP TO 24 HOURS BEFORE IT IS AGAIN CAPABLE OF SOUNDING AND COMMUNICATING ALARMS  
TO OPTIONAL ADDITIONAL No. 821 OR No. 830 SECURITY CONSOLES.  
NOT UL LISTED FOR HOUSEHOLD FIRE/BURGLARY USE WITH THIS SYSTEM.

OUTPUT	No. 5720XR TERMINALS	MAX. PERMISSIBLE CURRENT LOADINGS	
		NON-UL	UL
-6VDC REGULATED	15, 20	500mA CONTINUOUS 2A ON ALARM	500mA
-6VDC DIALER POWER	PIN 1 OF DIALER CONNECTOR	125mA	
-12VDC UNREGULATED	18	2A ON ALARM	NO UL USAGE
DIALER TRIGGER	PINS 4-11 OF DIALER CONNECTOR	1mA AT 6VDC EACH PIN	
ARM/DISARM STATUS	6	ARMED BY SHARDED 6VDC, 2mA	

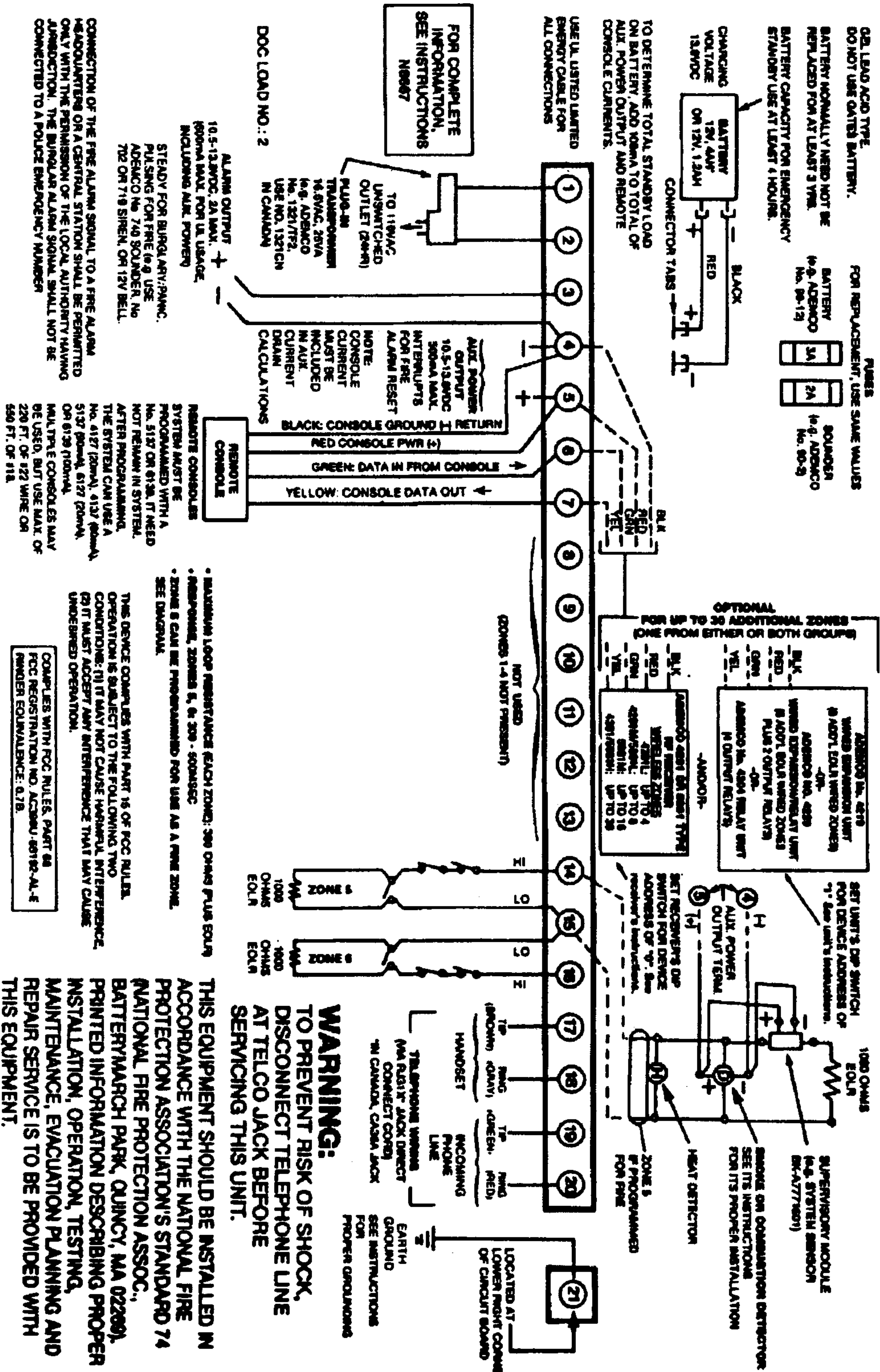
NOTE: "6VDC" AND "12VDC" ARE NOMINAL OUTPUT RATINGS FOR VOLTAGE RANGES OF 6-7.5VDC AND 9-10.5VDC RESPECTIVELY.

THE TOTAL CONTINUOUS OUTPUT CURRENT FROM TERMINALS 15, 20 ON THE TERMINAL BLOCK AND PIN 1 OF THE DIALER TRIGGER CONNECTOR MUST NOT EXCEED 800mA. EACH No. 821 DRAWS 125mA AND EACH No. 830 DRAWS 100mA.  
THE MAXIMUM TOTAL OUTPUT CURRENT ON ALARMS FROM THESE SAME POINTS IS 2A FOR NON-UL INSTALLATIONS AND 0.5A FOR UL INSTALLATIONS.

## VIA-16 SUMMARY OF CONNECTIONS



# VIA-30 SUMMARY OF CONNECTIONS



WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM.



### 5600 WIRELESS DIP SWITCH TABLE

I.D. #	SWITCH POSITIONS									
	1	2	3	4	5	6	7	8	9	10
1	OFF	OFF	OFF	OFF	ON					
2	OFF	OFF	OFF	ON	OFF					
3	OFF	OFF	OFF	ON	ON					
4	OFF	OFF	ON	OFF	OFF					
5	OFF	OFF	ON	OFF	ON					
6	OFF	OFF	ON	ON	OFF					
7	OFF	OFF	ON	ON	ON					
8	OFF	ON	OFF	OFF	OFF					
9	OFF	ON	OFF	OFF	ON					
10	OFF	ON	OFF	ON	OFF					
11	OFF	ON	OFF	ON	ON					
12	OFF	ON	ON	OFF	OFF					
13	OFF	ON	ON	OFF	ON					
14	OFF	ON	ON	ON	OFF					
15	OFF	ON	ON	ON	ON					
16	ON	OFF	OFF	OFF	OFF					
17	ON	OFF	OFF	OFF	ON					
18	ON	OFF	OFF	ON	OFF					
19	ON	OFF	OFF	ON	ON					
20	ON	OFF	ON	OFF	OFF					
21	ON	OFF	ON	OFF	ON					
22	ON	OFF	ON	ON	OFF					
23	ON	OFF	ON	ON	ON					
24	ON	ON	OFF	OFF	OFF					
25	ON	ON	OFF	OFF	ON					
26	ON	ON	OFF	ON	OFF					
27	ON	ON	OFF	ON	ON					
28	ON	ON	ON	OFF	OFF					
29	ON	ON	ON	ON	OFF					
30	ON	ON	ON	ON	OFF					
31	ON	ON	ON	ON	ON					

**SWITCHES 1-5 ARE ON ALL TRANSMITTERS AND ARE USED FOR SETTING HOUSE I.D. NUMBERS 1-31 (TO SET "0", POSITION ALL 5 SWITCHES "OFF"). No. 5627 HAS ONLY 5 SWITCHES (FOR HOUSE I.D.).**

**SWITCHES 6-10 ARE ON BURGLARY TRANSMITTERS NOS. 5603, 5610, 5611, 5614, 5650 AND ARE USED FOR SETTING TRANSMITTER I.D. NUMBERS 1-25 (1-29 IF FIRE NOT USED).**

HOUSE I.D.      TRANSMITTER I.D.

SHOWN SET FOR HOUSE I.D.: 31  
TRANSMITTER I.D.: 6

**SWITCHES 6 AND 7 ARE ON NO. 5605 SMOKE DETECTOR ADAPTER/TRANSMITTER AND ARE USED FOR SETTING TRANSMITTER I.D. NUMBERS 26, 27, 28, 29 AS SHOWN.**

HOUSE I.D.      TRANSMITTER I.D.

SHOWN SET FOR HOUSE I.D.: 31  
TRANSMITTER I.D.: 28

**SWITCH 6 IS ON NO. 5601 EMERGENCY (PANIC) TRANSMITTER AND IS USED TO SET THE TRANSMITTER FOR EMERGENCY PANIC (SWITCH ON, ALARM ALWAYS AUDIBLE, LOW BATTERY TRANSMITTER I.D.: 31) OR POLICE PANIC. (SWITCH OFF, ALARM AUDIBLE OR SILENT AS PROM PROGRAMMED, LOW BATTERY TRANSMITTER I.D.: 30).**

HOUSE I.D.

SHOWN SET FOR HOUSE I.D.: 23  
AND EMERGENCY PANIC (ON, I.D.: 31)

**SWITCH POSITIONS**

6	7
OFF	OFF
OFF	ON
ON	OFF
ON	ON
OFF	ON

NOTE: See separate installation instructions for No. 5615 Universal Transmitter

# 5700 WIRELESS DIP SWITCH TABLE

### House ID Switch Setting for All Devices Except 5716

HOUSE ID	DIP SWITCH SETTINGS				
	1	2	3	4	5
1	UP	UP	UP	UP	dn
2	UP	UP	UP	dn	UP
3	UP	UP	UP	dn	dn
4	UP	UP	dn	UP	UP
5	UP	UP	dn	UP	dn
6	UP	UP	dn	dn	UP
7	UP	UP	dn	dn	dn
8	UP	dn	UP	UP	UP
9	UP	dn	UP	UP	dn
10	UP	dn	UP	dn	UP
11	UP	dn	UP	dn	dn
12	UP	dn	dn	UP	UP
13	UP	dn	dn	UP	dn
14	UP	dn	dn	dn	UP
15	UP	dn	dn	dn	dn
16	dn	UP	UP	UP	UP
17	dn	UP	UP	UP	dn
18	dn	UP	UP	dn	UP
19	dn	UP	UP	dn	dn
20	dn	UP	dn	UP	UP
21	dn	UP	dn	UP	dn
22	dn	UP	dn	dn	UP
23	dn	UP	dn	dn	dn
24	dn	dn	UP	UP	UP
25	dn	dn	UP	UP	dn
26	dn	dn	UP	dn	UP
27	dn	dn	UP	dn	dn
28	dn	dn	dn	UP	UP
29	dn	dn	dn	UP	dn
30	dn	dn	dn	dn	UP
31	dn	dn	dn	dn	dn
BIT VALUE:	16	8	4	2	1

### 5701 Panic Xmtr.

HOUSE ID (1 SHOWN)

1 2 3 4 5 6

POS. 6: UP = XMTR ID 62  
dn = XMTR ID 63

### 5706 Smoke Detector/Transmitter

HOUSE ID (1 SHOWN)

1 2 3 4 5 6 7 8

XMTR ID (48 SHOWN)

XMTR ID	DIP SWITCH SETTINGS		
	6	7	8
48	UP	UP	UP
49	UP	UP	dn
50	UP	dn	UP
51	UP	dn	dn
52	dn	UP	UP
53	dn	UP	dn
54	dn	dn	UP
55	dn	dn	dn

### 5775 PIR Detector/Transmitter

HOUSE ID (1 SHOWN)

1 2 3 4 5 6 7 8 9 10

XMTR ID (32 SHOWN)

UP = PULSE COUNT  
dn = INST. MODE

XMTR ID	DIP SWITCH SETTINGS		
	6	7	8
32	UP	UP	UP
33	UP	UP	dn
34	UP	UP	dn
35	UP	UP	dn
36	UP	UP	dn
37	UP	dn	UP
38	UP	dn	UP
39	UP	dn	dn
40	UP	dn	dn
41	dn	UP	UP
42	dn	UP	UP
43	dn	UP	dn
44	dn	dn	UP
45	dn	dn	UP
46	dn	dn	dn
47	dn	dn	dn

### 5715 Universal Xmtr.

POS. 1: UP = NORMAL RESPONSE  
dn = FAST RESPONSE

POS. 2: UP = NO COVER TAMPER  
dn = COVER TAMPER (use N.C. setting)

### 5711/5711WM Door/Window Transmitter

HOUSE ID (1 SHOWN)

1 2 3 4 5 6 7 8 9 10 11 12

XMTR ID (33 SHOWN)

POS. 12: UP = N.O.  
dn = N.C. (Avoid ID 32-37 with N.O.)

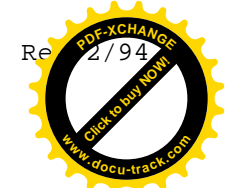
XMTR ID	DIP SWITCH SETTINGS					
	6	7	8	9	10	11
33	dn	UP	UP	UP	UP	dn
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36	dn	UP	UP	dn	UP	UP
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57	dn	dn	dn	UP	dn	dn
58	dn	dn	dn	dn	UP	UP
59	dn	dn	dn	dn	UP	dn
60	dn	dn	dn	dn	dn	UP
61	dn	dn	dn	dn	dn	dn
62	dn	dn	dn	dn	dn	dn
63	dn	dn	dn	dn	dn	dn
BIT VALUE:	32	16	8	4	2	1

### 5716 Door/Window Transmitter

IMPORTANT SET SWITCHES WITH BATTERY REMOVED

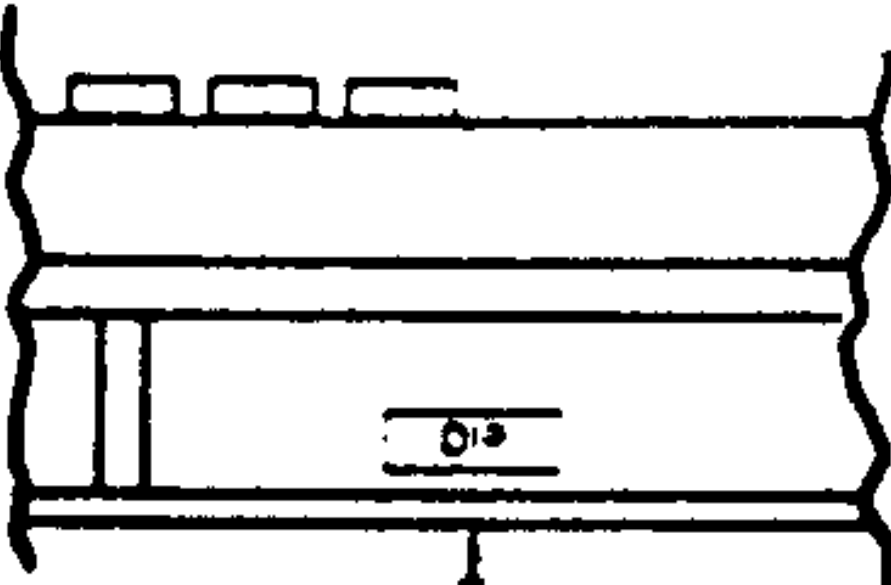
POS. 6: UP = N.O.  
dn = N.C.

HOUSE ID	DIP SWITCH SETTINGS					
	6	5	4	3	2	1
1	dn	UP	UP	UP	UP	UP
2	dn	UP	UP	UP	UP	dn
3	dn	UP	UP	UP	dn	UP
4	UP	UP	UP	UP	UP	UP
5	dn	UP	UP	UP	UP	UP
6	UP	UP	UP	UP	UP	UP
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54	UP	UP	UP	UP	dn	UP
55	dn	UP	UP	UP	dn	UP
56	UP	UP	UP	UP	dn	UP
57	dn	UP	UP	UP	dn	UP
58	UP	UP	UP	UP	dn	UP
59	dn	UP	UP	UP	dn	UP
60	UP	UP	UP	UP	dn	UP
61	dn	UP	UP	UP	dn	UP
62	UP	UP	UP	UP	dn	UP
63	dn	UP	UP	UP	dn	UP
BIT VALUE:	1	2	4	8	16	32

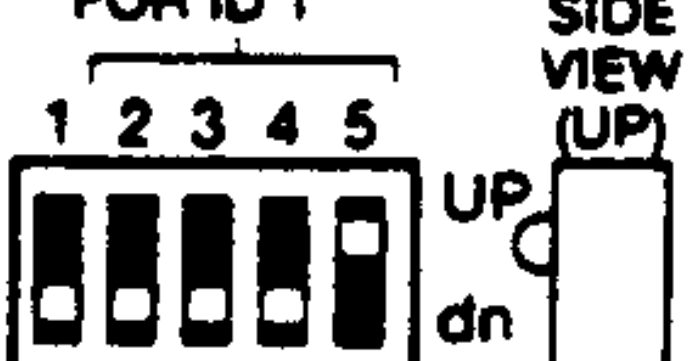


## DIP SWITCH TABLES - 4208, 4196, 4275, and ADDRESSABLE CONSOLES

**Addressable Consoles**  
(e.g. 5137AD)



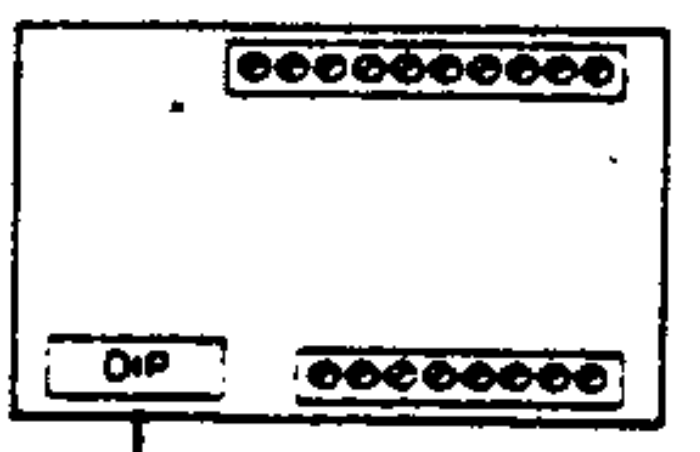
**SHOWN SET FOR ID 1**



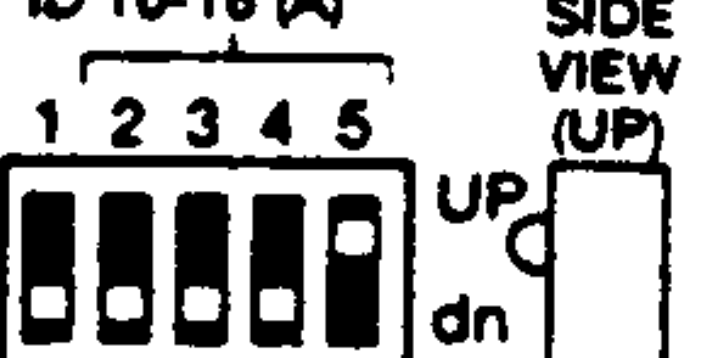
**SIDE VIEW (UP)**

↑ **IMPORTANT: USE ID 31 FOR APPLICATIONS NOT REQUIRING ADDRESSABLE CONSOLES.**

**4208 Zone Expander**



**SHOWN SET FOR ID 10-16 (A)**

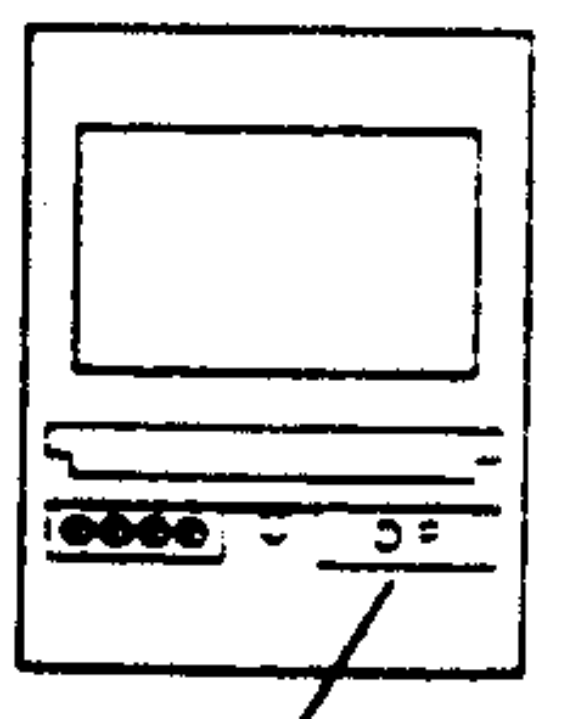


**POS. 1: LOOPS 1 & 2**


**RESPONSE TIME:**

W/TABLE	FAST	SLOW
A	UP	dn
B	dn	UP

**4196PIR**

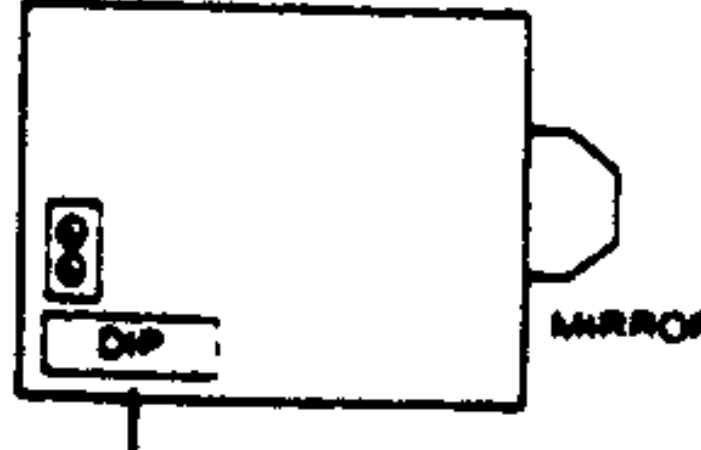


**SHOWN SET FOR ID 10**




**POS. 1: MUST BE UP**

**4275 PIR**



**SHOWN SET FOR ID 10 (A)**



**POS. 6: UP (A), dn (B) = INST. MODE**  
dn (A), UP (B) = PULSE COUNT

**POS. 7: UP (A), dn (B) = WALK TEST**  
dn (A), UP (B) = W/T DISABLE

DEVICE ID	DIP SWITCH POSITION				
	1	2	3	4	5
0	dn	dn	dn	dn	dn
1	dn	dn	dn	dn	UP
2	dn	dn	dn	UP	dn
3	dn	dn	dn	UP	UP
4	dn	dn	UP	dn	dn
5	dn	dn	UP	dn	UP
6	dn	dn	UP	UP	dn
7	dn	dn	UP	UP	UP
8	dn	UP	dn	dn	dn
9	dn	UP	dn	dn	UP
10	dn	UP	dn	UP	dn
11	dn	UP	dn	UP	UP
12	dn	UP	UP	dn	dn
13	dn	UP	UP	dn	UP
14	dn	UP	UP	UP	dn
15	dn	UP	UP	UP	UP
16	UP	dn	dn	dn	dn
17	UP	dn	dn	dn	UP
18	UP	dn	dn	UP	dn
19	UP	dn	dn	UP	UP
20	UP	dn	UP	dn	dn
21	UP	dn	UP	dn	UP
22	UP	dn	UP	UP	dn
23	UP	dn	UP	UP	UP
24	UP	UP	dn	dn	dn
25	UP	UP	dn	dn	UP
26	UP	UP	dn	UP	dn
27	UP	UP	dn	UP	UP
28	UP	UP	UP	dn	dn
29	UP	UP	UP	dn	UP
30	UP	UP	UP	UP	dn
31	UP	UP	UP	UP	UP

↑ **BIT VALUE: 16 8 4 2 1**

**THIS TABLE FOR DIPS WITH WORD "OFF"**

DEVICE ID	DIP SWITCH POSITION			
	2	3	4	5
10-16	dn	dn	dn	UP
17-24	dn	dn	UP	dn
25-32	dn	dn	UP	UP
33-40	dn	UP	dn	dn
41-48	dn	UP	dn	UP
49-56	dn	UP	UP	dn
57-64	dn	UP	UP	UP
65-72	UP	dn	dn	dn
73-80	UP	dn	dn	UP
81-88	UP	dn	UP	dn

**THIS TABLE FOR DIPS WITH WORD "ON"**

DEVICE ID	DIP SWITCH POSITION			
	2	3	4	5
10-16	UP	UP	UP	dn
17-24	UP	UP	dn	UP
25-32	UP	UP	dn	dn
33-40	UP	dn	UP	UP
41-48	UP	dn	UP	dn
49-56	UP	dn	dn	UP
57-64	UP	dn	dn	dn
65-72	dn	UP	UP	UP
73-80	dn	UP	UP	dn
81-88	dn	UP	dn	UP

DEVICE ID	DIP SWITCH POSITION							
	2	3	4	5	6	7	8	
10	UP	UP	UP	dn	UP	dn	UP	
11	UP	UP	UP	dn	UP	dn	dn	
12	UP	UP	UP	dn	UP	dn	UP	
13	UP	UP	UP	dn	UP	dn	dn	
14	UP	UP	UP	dn	UP	dn	UP	
15	UP	UP	UP	dn	UP	dn	dn	
16	UP	UP	UP	dn	UP	dn	UP	
17	UP	UP	UP	dn	UP	dn	dn	
18	UP	UP	UP	dn	UP	dn	UP	
19	UP	UP	UP	dn	UP	dn	dn	
20	UP	UP	UP	dn	UP	dn	UP	
21	UP	UP	UP	dn	UP	dn	dn	
22	UP	UP	UP	dn	UP	dn	UP	
23	UP	UP	UP	dn	UP	dn	dn	
24	UP	UP	UP	dn	UP	dn	UP	
25	UP	UP	UP	dn	UP	dn	dn	
26	UP	UP	UP	dn	UP	dn	UP	
27	UP	UP	UP	dn	UP	dn	dn	
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29	UP	UP	UP	dn	UP	dn	dn	
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35	UP	UP	UP	dn	UP	dn	dn	
36	UP	UP	UP	dn	UP	dn	UP	
37	UP	UP	UP	dn	UP	dn	dn	
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40	UP	UP	UP	dn	UP	dn	UP	
41	UP	UP	UP	dn	UP	dn	dn	
42	UP	UP	UP	dn	UP	dn	UP	
43	UP	UP	UP	dn	UP	dn	dn	
44	UP	UP	UP	dn	UP	dn	UP	
45	UP	UP	UP	dn	UP	dn	dn	
46	UP	UP	UP	dn	UP	dn	UP	
47	UP	UP	UP	dn	UP	dn	dn	
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49	UP	UP	UP	dn	UP	dn	dn	
50	UP	UP	UP	dn	UP	dn	UP	
51	UP	UP	UP	dn	UP	dn	dn	
52	UP	UP	UP	dn	UP	dn	UP	
53	UP	UP	UP	dn	UP	dn	dn	
54	UP	UP	UP	dn	UP	dn	UP	
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61	UP	UP	UP	dn	UP	dn	dn	
62	UP	UP	UP	dn	UP	dn	UP	
63	UP	UP	UP	dn	UP	dn	dn	
64	UP	UP	UP	dn	UP	dn	UP	
65	UP	UP	UP	dn	UP	dn	dn	
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67	UP	UP	UP	dn	UP	dn	dn	
68	UP	UP	UP	dn	UP	dn	UP	
69	UP	UP	UP	dn	UP	dn	dn	
70	UP	UP	UP	dn	UP	dn	UP	
71	UP	UP	UP	dn	UP	dn	dn	
72	UP	UP	UP	dn	UP	dn	UP	
73	UP	UP	UP	dn	UP	dn	dn	
74	UP	UP	UP	dn	UP	dn	UP	
75	UP	UP	UP	dn	UP	dn	dn	
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78	UP	UP	UP	dn	UP	dn	UP	
79	UP	UP	UP	dn	UP	dn	dn	
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81	UP	UP	UP	dn	UP	dn	dn	
82	UP	UP	UP	dn	UP	dn	UP	
83	UP	UP	UP	dn	UP	dn	dn	
84	UP	UP	UP	dn	UP	dn	UP	
85	UP	UP	UP	dn	UP	dn	dn	
86	UP	UP	UP	dn	UP	dn	UP	
87	UP	UP	UP	dn	UP	dn	dn	
88	UP	UP	UP	dn	UP	dn	UP	
89	UP	UP	UP	dn	UP	dn	dn	

↑ **BIT VALUE: 64 32 16 8 4 2 1**

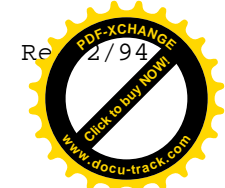
**THIS TABLE FOR DIPS WITH WORD "OFF"**

DEVICE ID	DIP SWITCH POSITION				
	1	2	3	4	5
10	dn	UP	dn	UP	dn
11	dn	UP	dn	UP	UP
12	dn	UP	UP	dn	dn
13	dn	UP	UP	dn	UP
14	dn	UP	UP	UP	dn
15	dn	UP	UP	UP	UP
16	UP	dn	dn	dn	dn
17	UP	dn	dn	dn	UP
18	UP	dn	dn	UP	dn
19	UP	dn	dn	UP	UP
20	UP	dn	UP	dn	dn
21	UP	dn	UP	dn	UP
22	UP	dn	UP	UP	dn
23	UP	dn	UP	UP	UP
24	UP	UP	dn	dn	dn
25	UP	UP	dn	dn	UP
26	UP	UP	dn	dn	UP
27	UP	UP	dn	UP	UP
28	UP	UP	UP	dn	dn
29	UP	UP	UP	dn	UP
30	UP	UP	UP	UP	dn
31	UP	UP	UP	UP	UP

**THIS TABLE FOR DIPS WITH WORD "ON"**


DEVICE ID	DIP SWITCH POSITION				
	1	2	3	4	5
10	UP	dn	UP	dn	UP
11	UP	dn	UP	dn	dn
12	UP	dn	dn	UP	UP
13	UP	dn	dn	UP	dn
14	UP	dn	dn	dn	UP
15	UP	dn	dn	dn	dn
16	dn	UP	UP	UP	UP
17	dn	UP	UP	UP	dn
18	dn	UP	UP	dn	UP
19	dn	UP	UP	dn	dn
20	dn	UP	dn	UP	UP
21	dn	UP	dn	UP	dn
22	dn	UP	dn	dn	UP
23	dn	UP	dn	dn	dn
24	dn	dn	UP	UP	UP
25	dn	dn	UP	UP	dn
26	dn	dn	UP	dn	UP
27	dn	dn	UP	dn	dn
28	dn	dn	dn	UP	UP
29	dn	dn	dn	UP	dn
30	dn	dn	dn	dn	UP
31	dn	dn	dn	dn	dn

↑ **BIT VALUE: 16 8 4 2 1**

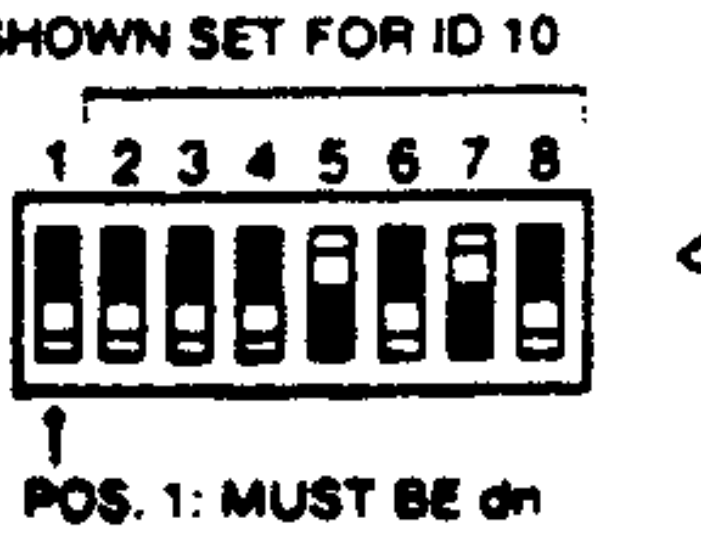


## DIP SWITCH TABLE - 4192SD, 4190WH, 4278, 4194, 7500, and 9500

### 4192SD/4192SDT/4192CP Smoke Detectors



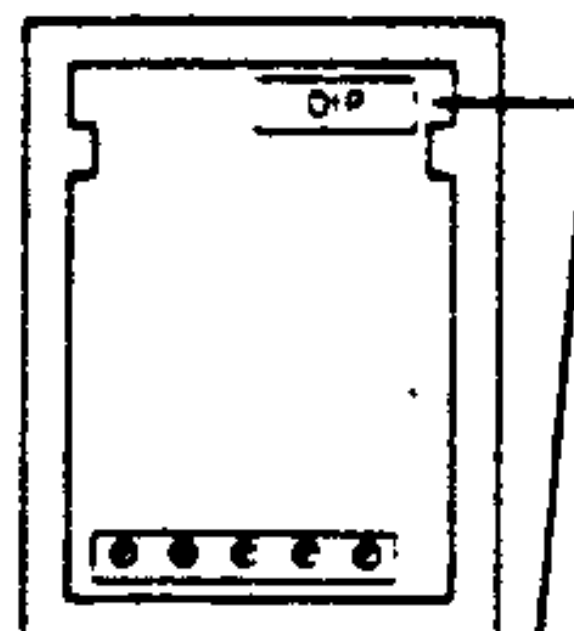
APPLIES TO TABLE A ONLY  
SHOWN SET FOR ID 10



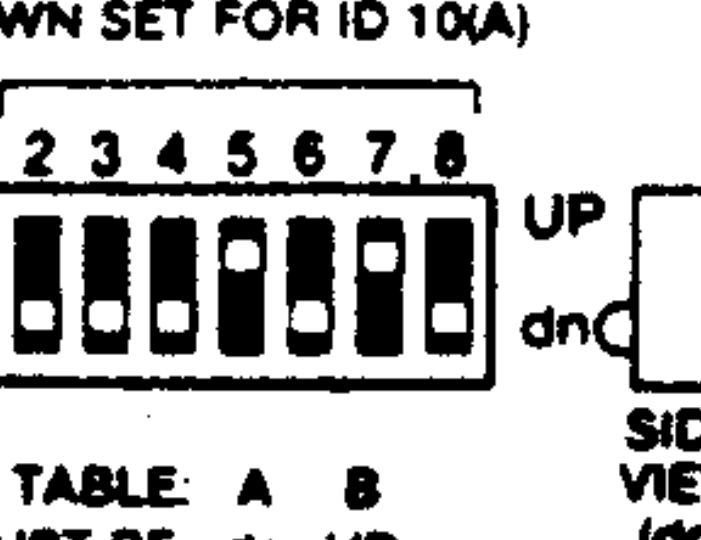
POS. 1: MUST BE dn

SIDE VIEW (UP)  
SIDE VIEW (dn)

### 4190WH Zone Expander



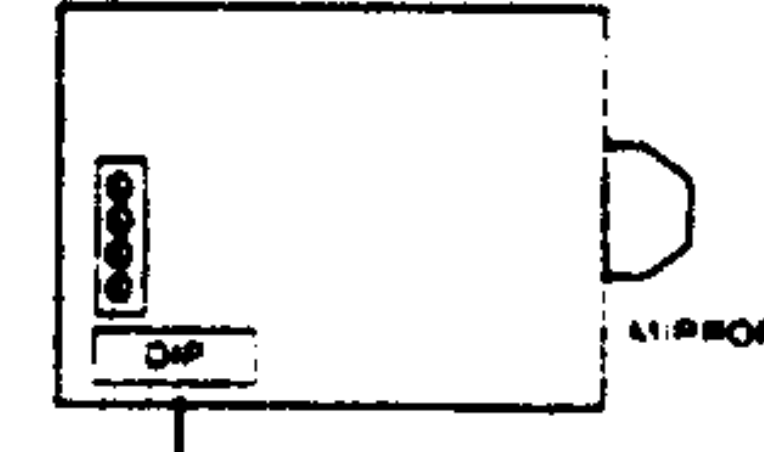
APPLIES TO TABLES A & B  
SHOWN SET FOR ID 10(A)



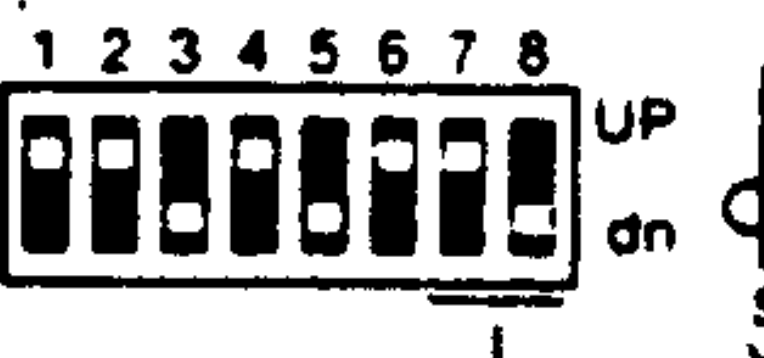
WITH TABLE: A B  
POS. 1 MUST BE: dn UP

SIDE VIEW (dn)  
SIDE VIEW (dn)

### 4278 PIR




SHOWN SET FOR ID 10



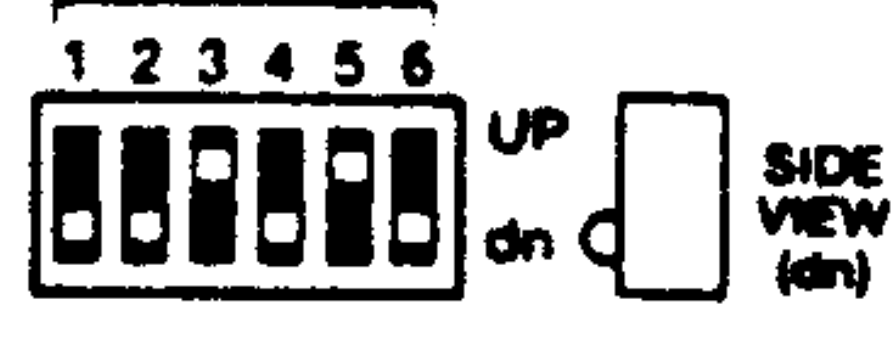
POS. 7: UP = NORMAL MODE  
dn = INSTANT MODE  
POS. 8: UP = W/T DISABLE  
dn = WALK TEST

SIDE VIEW (dn)

### 4194 Reed Contact (Surface Mount)



SHOWN SET FOR ID 10



SIDE VIEW (dn)

**THIS TABLE FOR DIPS WITH WORD "OFF"**

DEVICE ID	2	3	4	5	6	7	8
10	dn	dn	dn	UP	dn	UP	dn
11	dn	dn	dn	UP	dn	UP	UP
12	dn	dn	dn	UP	UP	dn	dn
13	dn	dn	dn	UP	UP	dn	UP
14	dn	dn	dn	UP	UP	dn	dn
15	dn	dn	dn	UP	UP	dn	UP
16	dn	dn	UP	dn	dn	dn	dn
17	dn	dn	UP	dn	dn	dn	UP
18	dn	dn	UP	dn	dn	dn	dn
19	dn	dn	UP	dn	dn	dn	UP
20	dn	dn	UP	dn	dn	dn	dn
21	dn	dn	UP	dn	dn	dn	UP
22	dn	dn	UP	dn	dn	dn	dn
23	dn	dn	UP	dn	dn	dn	UP
24	dn	dn	UP	dn	dn	dn	dn
25	dn	dn	UP	dn	dn	dn	UP
26	dn	dn	UP	dn	dn	dn	dn
27	dn	dn	UP	dn	dn	dn	UP
28	dn	dn	UP	dn	dn	dn	dn
29	dn	dn	UP	dn	dn	dn	UP
30	dn	dn	UP	dn	dn	dn	dn
31	dn	dn	UP	dn	dn	dn	UP
32	dn	dn	UP	dn	dn	dn	dn
33	dn	dn	UP	dn	dn	dn	UP
34	dn	dn	UP	dn	dn	dn	dn
35	dn	dn	UP	dn	dn	dn	UP
36	dn	dn	UP	dn	dn	dn	dn
37	dn	dn	UP	dn	dn	dn	UP
38	dn	dn	UP	dn	dn	dn	dn
39	dn	dn	UP	dn	dn	dn	UP
40	dn	dn	UP	dn	dn	dn	dn
41	dn	dn	UP	dn	dn	dn	UP
42	dn	dn	UP	dn	dn	dn	dn
43	dn	dn	UP	dn	dn	dn	UP
44	dn	dn	UP	dn	dn	dn	dn
45	dn	dn	UP	dn	dn	dn	UP
46	dn	dn	UP	dn	dn	dn	dn
47	dn	dn	UP	dn	dn	dn	UP
48	dn	dn	UP	dn	dn	dn	dn
49	dn	dn	UP	dn	dn	dn	UP
50	dn	dn	UP	dn	dn	dn	dn
51	dn	dn	UP	dn	dn	dn	UP
52	dn	dn	UP	dn	dn	dn	dn
53	dn	dn	UP	dn	dn	dn	UP
54	dn	dn	UP	dn	dn	dn	dn
55	dn	dn	UP	dn	dn	dn	UP
56	dn	dn	UP	dn	dn	dn	dn
57	dn	dn	UP	dn	dn	dn	UP
58	dn	dn	UP	dn	dn	dn	dn
59	dn	dn	UP	dn	dn	dn	UP
60	dn	dn	UP	dn	dn	dn	dn
61	dn	dn	UP	dn	dn	dn	UP
62	dn	dn	UP	dn	dn	dn	dn
63	dn	dn	UP	dn	dn	dn	UP
64	dn	dn	UP	dn	dn	dn	dn
65	dn	dn	UP	dn	dn	dn	UP
66	dn	dn	UP	dn	dn	dn	dn
67	dn	dn	UP	dn	dn	dn	UP
68	dn	dn	UP	dn	dn	dn	dn
69	dn	dn	UP	dn	dn	dn	UP
70	dn	dn	UP	dn	dn	dn	dn
71	dn	dn	UP	dn	dn	dn	UP
72	dn	dn	UP	dn	dn	dn	dn
73	dn	dn	UP	dn	dn	dn	UP
74	dn	dn	UP	dn	dn	dn	dn
75	dn	dn	UP	dn	dn	dn	UP
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77	dn	dn	UP	dn	dn	dn	UP
78	dn	dn	UP	dn	dn	dn	dn
79	dn	dn	UP	dn	dn	dn	UP
80	dn	dn	UP	dn	dn	dn	dn
81	dn	dn	UP	dn	dn	dn	UP
82	dn	dn	UP	dn	dn	dn	dn
83	dn	dn	UP	dn	dn	dn	UP
84	dn	dn	UP	dn	dn	dn	dn
85	dn	dn	UP	dn	dn	dn	UP
86	dn	dn	UP	dn	dn	dn	dn
87	dn	dn	UP	dn	dn	dn	UP
88	dn	dn	UP	dn	dn	dn	dn
89	dn	dn	UP	dn	dn	dn	UP
90	dn	dn	UP	dn	dn	dn	dn
91	dn	dn	UP	dn	dn	dn	UP
92	dn	dn	UP	dn	dn	dn	dn
93	dn	dn	UP	dn	dn	dn	UP
94	dn	dn	UP	dn	dn	dn	dn
95	dn	dn	UP	dn	dn	dn	UP
96	dn	dn	UP	dn	dn	dn	dn
97	dn	dn	UP	dn	dn	dn	UP
98	dn	dn	UP	dn	dn	dn	dn
99	dn	dn	UP	dn	dn	dn	UP
100	dn	dn	UP	dn	dn	dn	dn

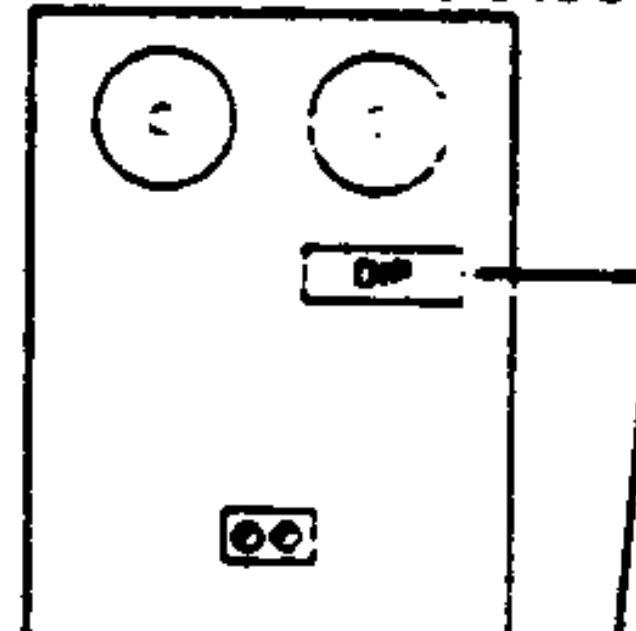
BIT VALUE: 64 32 16 8 4 2 1

**THIS TABLE FOR DIPS WITH WORD "ON"**

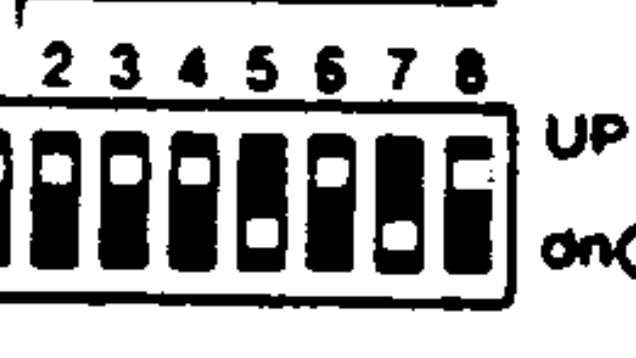
DEVICE ID	2	3	4	5	6	7	8
10	UP	UP	UP	dn	UP	dn	UP
11	UP	UP	UP	dn	UP	dn	dn
12	UP	UP	UP	dn	UP	dn	UP
13	UP	UP	UP	dn	UP	dn	dn
14	UP	UP	UP	dn	UP	dn	UP
15	UP	UP	UP	dn	UP	dn	dn
16	UP	UP	dn	dn	dn	dn	dn
17	UP	UP	dn	dn	dn	dn	UP
18	UP	UP	dn	dn	dn	dn	dn
19	UP	UP	dn	dn	dn	dn	UP
20	UP	UP	dn	dn	dn	dn	dn
21	UP	UP	dn	dn	dn	dn	UP
22	UP	UP	dn	dn	dn	dn	dn
23	UP	UP	dn	dn	dn	dn	UP
24	UP	UP	dn	dn	dn	dn	dn
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29	UP	UP	dn	dn	dn	dn	UP
30	UP	UP	dn	dn	dn	dn	dn
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32	UP	UP	dn	dn	dn	dn	dn
33	UP	UP	dn	dn	dn	dn	UP
34	UP	UP	dn	dn	dn	dn	dn
35	UP	UP	dn	dn	dn	dn	UP
36	UP	UP	dn	dn	dn	dn	dn
37	UP	UP	dn	dn	dn	dn	UP
38	UP	UP	dn	dn	dn	dn	dn
39	UP	UP	dn	dn	dn	dn	UP
40	UP	UP	dn	dn	dn	dn	dn
41	UP	UP	dn	dn	dn	dn	UP
42	UP	UP	dn	dn	dn	dn	dn
43	UP	UP	dn	dn	dn	dn	UP
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47	UP	UP	dn	dn	dn	dn	UP
48	UP	UP	dn	dn	dn	dn	dn
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50	UP	UP	dn	dn	dn	dn	dn
51	UP	UP	dn	dn	dn	dn	UP
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53	UP	UP	dn	dn	dn	dn	UP
54	UP	UP	dn	dn	dn	dn	dn
55	UP	UP	dn	dn	dn	dn	UP
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58	UP	UP	dn	dn	dn	dn	dn
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61	UP	UP	dn	dn	dn	dn	UP
62	UP	UP	dn	dn	dn	dn	dn
63	UP	UP	dn	dn	dn	dn	UP
64	UP	UP	dn	dn	dn	dn	dn
65	UP	UP	dn	dn	dn	dn	UP
66	UP	UP	dn	dn	dn	dn	dn
67	UP	UP	dn	dn	dn	dn	UP
68	UP	UP	dn	dn	dn	dn	dn
69	UP	UP	dn	dn	dn	dn	UP
70	UP	UP	dn	dn	dn	dn	dn
71	UP	UP	dn	dn	dn	dn	UP
72	UP	UP	dn	dn	dn	dn	dn
73	UP	UP	dn	dn	dn	dn	UP
74	UP	UP	dn	dn	dn	dn	dn
75	UP	UP	dn	dn	dn	dn	UP
76	UP	UP	dn	dn	dn	dn	dn
77	UP	UP	dn	dn	dn	dn	UP
78	UP	UP	dn	dn	dn	dn	dn
79	UP	UP	dn	dn	dn	dn	UP
80	UP	UP	dn	dn	dn	dn	dn
81	UP	UP	dn	dn	dn	dn	UP
82	UP	UP	dn	dn	dn	dn	dn
83	UP	UP	dn	dn	dn	dn	UP
84	UP	UP	dn	dn	dn	dn	dn
85	UP	UP	dn	dn	dn	dn	UP
86	UP	UP	dn	dn	dn	dn	dn
87	UP	UP	dn	dn	dn	dn	UP
88	UP	UP	dn	dn	dn	dn	dn
89	UP	UP	dn	dn	dn	dn	UP
90	UP	UP	dn	dn	dn	dn	dn
91	UP	UP	dn	dn	dn	dn	UP
92	UP	UP	dn	dn	dn	dn	dn
93	UP	UP	dn	dn	dn	dn	UP
94	UP	UP	dn	dn	dn	dn	dn
95	UP	UP	dn	dn	dn	dn	UP
96	UP	UP	dn	dn	dn	dn	dn
97	UP	UP	dn	dn	dn	dn	UP
98	UP	UP	dn	dn	dn	dn	dn
99	UP	UP	dn	dn	dn	dn	UP
100	UP	UP	dn	dn	dn	dn	dn

BIT VALUE: 64 32 16 8 4 2 1

### 9500 Glassbreak Detector



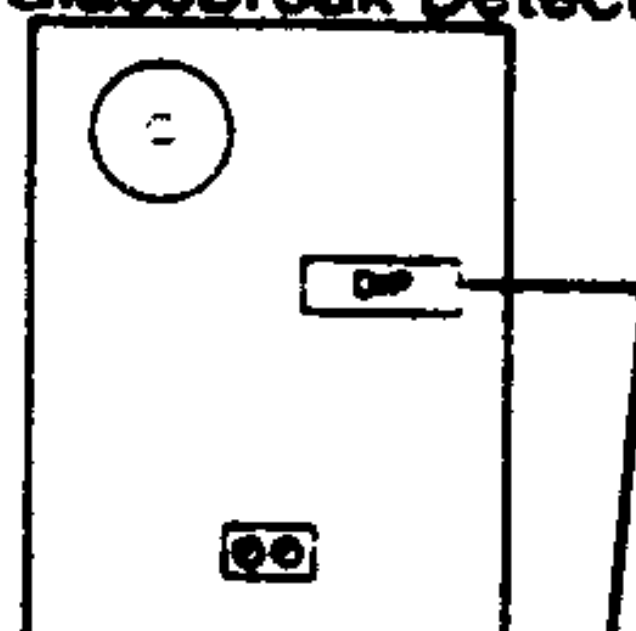
SHOWN SET FOR ID 10



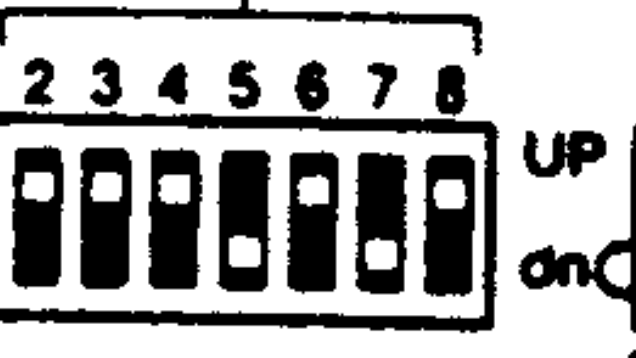
POS. 1 MUST BE: UP

SIDE VIEW (dn)

### 7500 Glassbreak Detector



SHOWN SET FOR ID 10

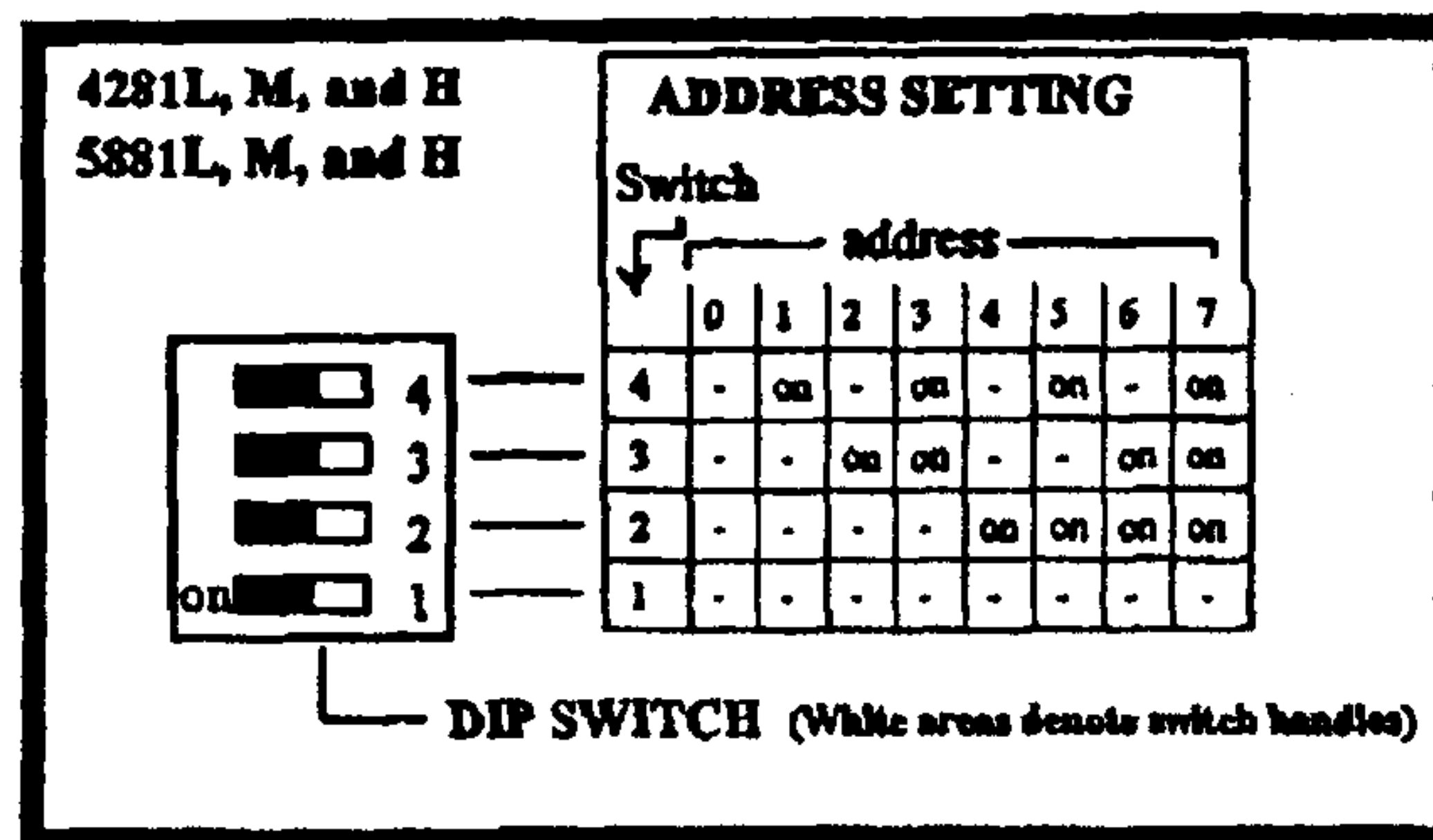
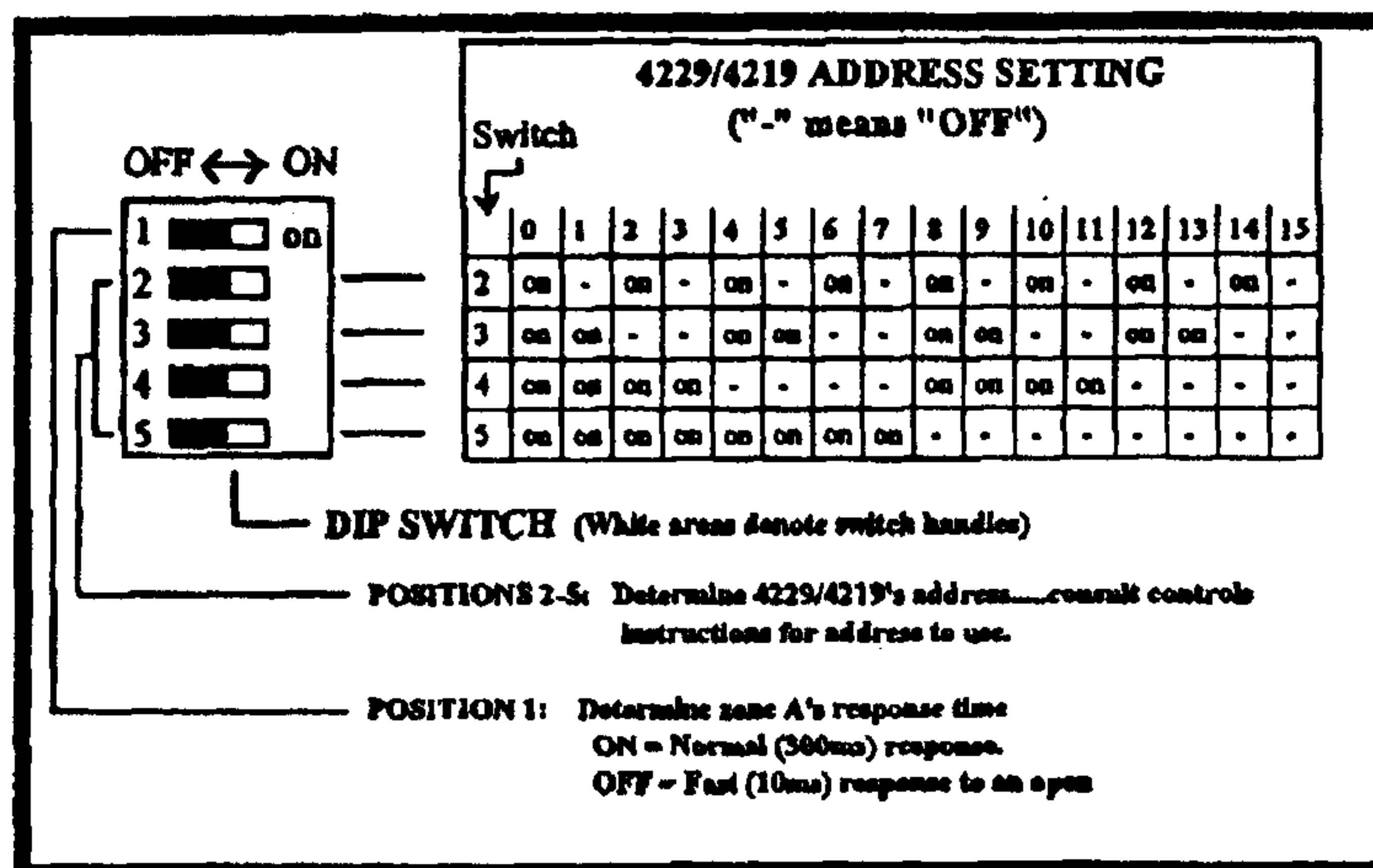
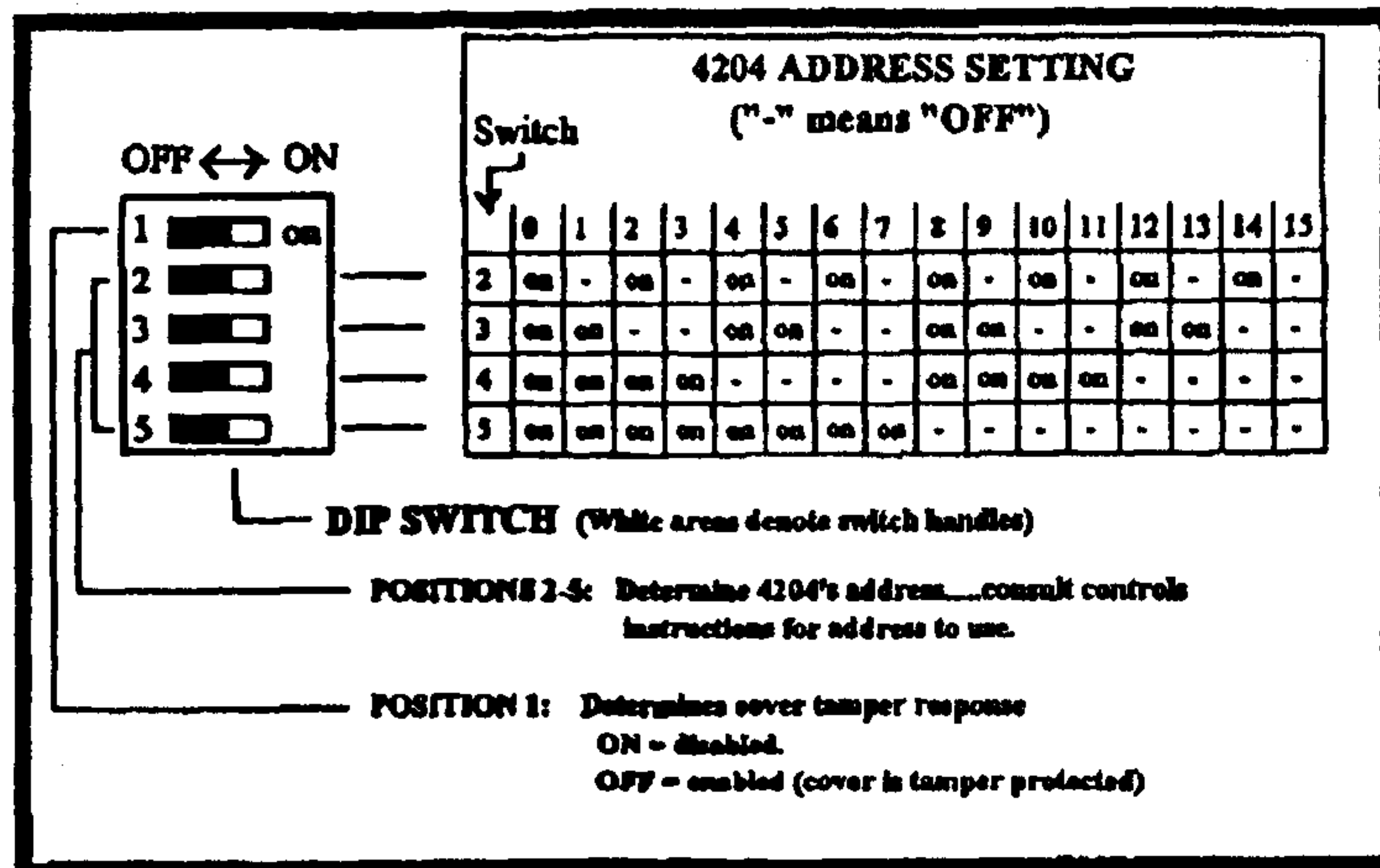


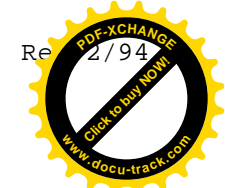
POS. 1 MUST BE: UP

SIDE VIEW (dn)

**FOR DIP SWITCH SETTINGS, USE TABLE B ABOVE LEFT**

## DIP SWITCH TABLE - 4204, 4229, 4219, 4281, and 5881





## ENTERING TEMPORARY USER CODES

### 5620 (Alert II) and 5720 (Alert III)

Each control has one additional temporary user code.

To program:

- ◆ Enter master code + "CODE" key + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key + master code.

NOTE: Allow 3-4 seconds before attempting to use temporary code.

### 4150 Control/Communicator

Control has 2 temporary user codes plus a duress code.

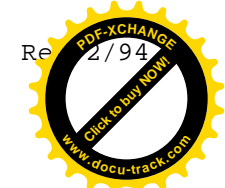
To program:

- ◆ Press "PRGRM" or "CODE" key + master code + 1-3 (user #) + new temporary code.

To erase:

- ◆ Press "PRGRM" or "CODE" key + master code + 1-3 (user #)....wait 10 seconds before entering another key.

NOTE: User #3 is a duress code.



## ENTERING TEMPORARY USER CODES

### 4160 Control/Communicator

Version 1 control - has only 1 temporary user code.

To program:

- ◆ Enter master code + "CODE" key + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key + master code.

Version 2 and 3 controls - both have 7 temporary codes:

To program:

- ◆ Enter master code + "CODE" key + 2-8 (user #) + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key + 2-8 (user #) + master code.

### 4180-12/4180EC Control/Communicator

Control has 7 temporary user codes.

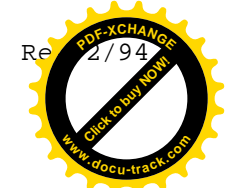
To program:

- ◆ Enter master code + "CODE" key + 2-8 (user #) + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key + 2-8 (user #) + master code.

*NOTE: Some controls may have the "Inhibit Master Code" option enabled in the program programming. If so, after user #2 is programmed, it replaces the master code and should be used to enter additional temporary codes.*



## ENTERING TEMPORARY USER CODES

### Vista-XM 4130XM/5130XM/4140XM

Each Control has 20 temporary user codes.

To program:

- ◆ Enter master code + "CODE" key + 03-22 (user #) + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key + 03-22 (user #) + master code.

NOTE: *NOTE: User #3 can enter temporary codes 04-21.*

### 4110/4110DL/4110XM and VIA-16/VIA-30

Each control has 3 temporary user codes.

To program:

- ◆ Enter master code + "CODE" key 2-4 (user #) + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key 2-4 (user #) + master code.

### 4120EC

Control has 6 temporary user codes.

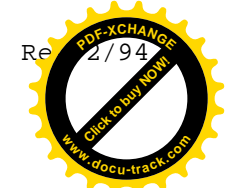
To program:

- ◆ Enter master code + "CODE" key 3-8 (user #) + new temporary code.

To erase:

- ◆ Enter master code + "CODE" key 2-4 (user #) + master code.





## ENTERING TEMPORARY USER CODES

### 4140XMP/4140XMPV and 4120XM

Control has 68 temporary codes.

To program:

- ♦ Enter master code + "CODE" key + 03-70 (user #) + new temporary code.

To erase:

- ♦ Enter master code + "CODE" key + 03-70 (user #) + master code.

NOTE: User #3 can program temporary codes for users 04-69.

### 4152 (Vector 2000) and 4153 (Vector 3000)

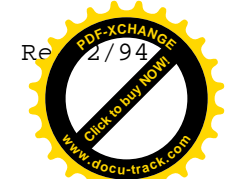
Controls have 7 temporary codes.

To program:

- ♦ Enter master code + "CODE" key + 2-8 (user #) + new temporary code

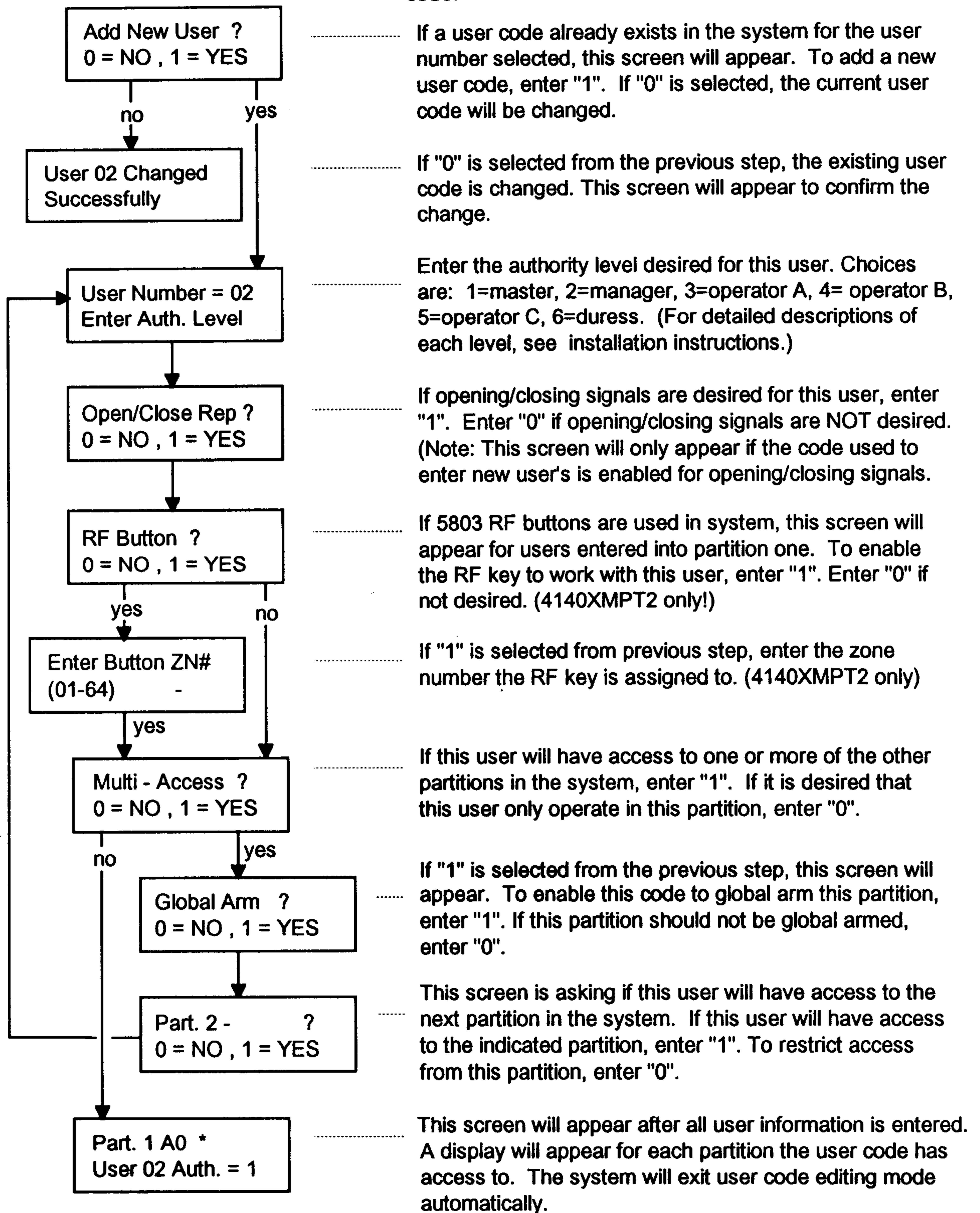
To erase:

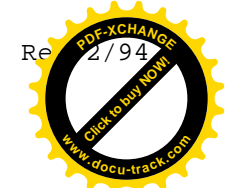
- ♦ Enter master code + "CODE" key + 2-8 (user #) + master code



## ENTERING TEMPORARY USER CODES

Enter user code + [8] + new user # (02-99) + new user's code.

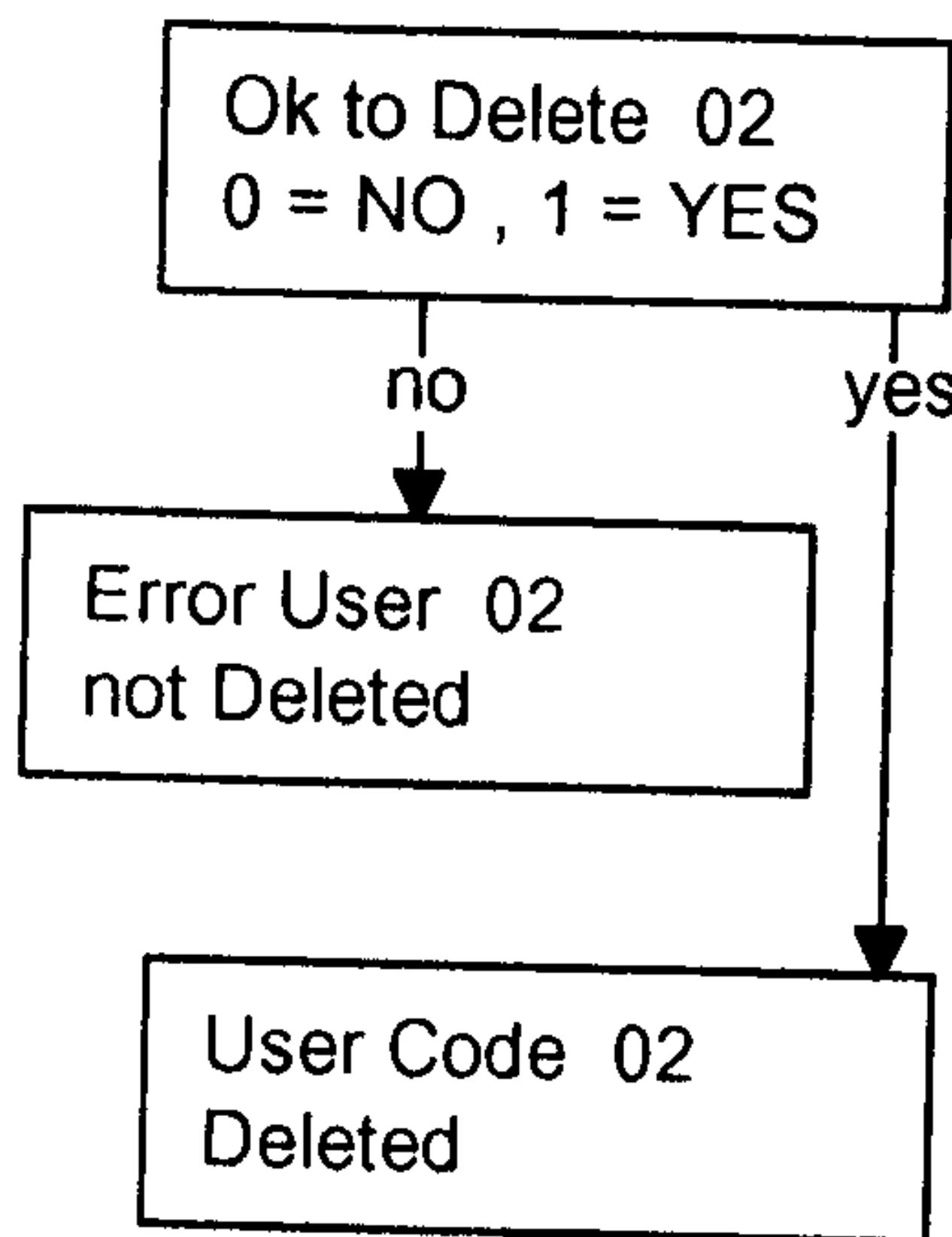




## ENTERING TEMPORARY USER CODES

### Delete User Code

Enter \*user code + [8] + user code # to delete (01-99) + \*user code  
 (\*Only installer, master, or manager can delete codes.)



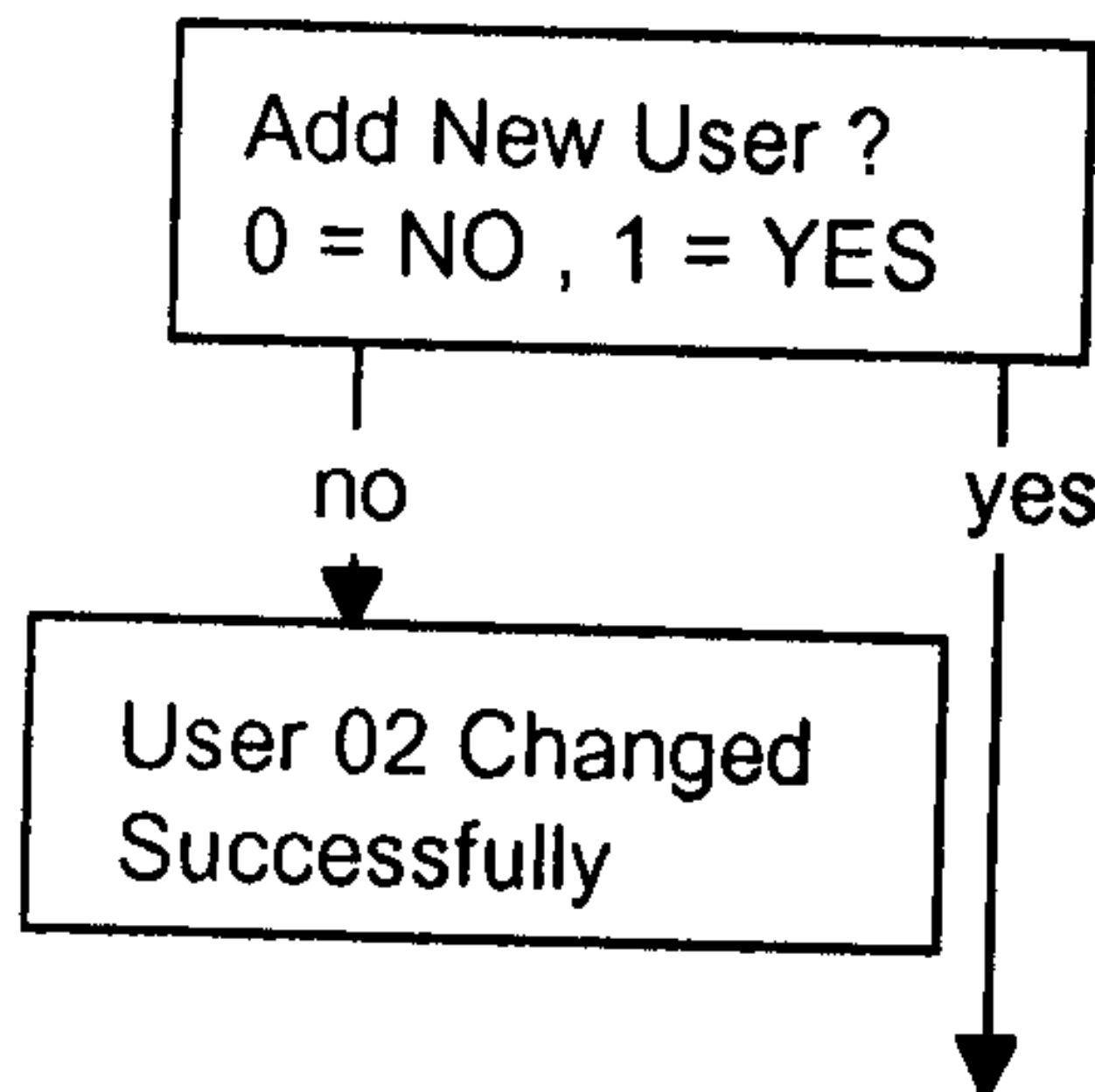
..... To delete the user code, enter "1". Enter "0" to skip.

..... If "0" is selected from the previous step, this screen will appear. This screen confirms that the user has been deleted.

..... If "1" is selected from first step, this screen will appear. This screen confirms the the user code was deleted.

### Change User Code.....

Enter \*user code + [8] + user code to change (01-99) + new user code  
 (Only installer, master, or manager codes can change user codes)



..... To change the user code, enter "0". If "1" is entered, procee to the Adding New User Codes section.

..... If "0" is selected in previous step, this screen will appear cinfirring that the user code has been changed successfully.

Proceed to "Adding New Users Section"