

4+2 By Channel SETUP

## 4130XM/4140XM/5130XM 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 = 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

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

ZONES 1 2 3 4  
\*02

ZONES 5 6 7 8

ZONES 9 10 11 12  
\*03

ZONES 13 14 15 16

ZONES 17 18 19 20  
\*04

ZONES 21 22 23 24

ZONES 25 26 27 28  
\*05

ZONES 29 30 31 32

ZONES 33 34 35 36

ZONES 37 38 39 40

ZONES 41 42 43 44

ZONES 45 46 47 48

ZONES 49 50 51 52

ZONES 53 54 55 56

ZONES 57 58 59 60

ZONES 61 62 63 64

ZONES 65 66 67 68

ZONES 69 70 71 72

ZONES 73 74 75 76

ZONES 77 78 79 80

ZONES 81 82 83 84

ZONES 85 86 87 88

ZONES 89 90 91 92

ZONES 93 94 95 96

ZONES 97 98 99 100

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

**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

**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  0
- 4 REMOTE BYPASS
- 5 REMOTE DISARM
- 6 REMOTE ARM
- 7 UPLINK PROGRAM
- 8 DOWNLOAD PROGRAM

**DESIGNATE RIGHT  
ZONE USAGE**  
0 or 1; 0 for 4206, 4199,  
4191, 4192SD, 4194, 4275 usage  
and for left loop on 4190WH and  
PIR on 4198; 1 for right loop on  
4190WH and auxiliary loop on  
4198.

\*06

**ENTRY DELAY #1**  
X 15 secs (00 - 15)

\*07

**EXIT DELAY #1**  
X 15 secs (00 - 15)

\*08

**ENTRY DELAY #2**  
X 15 secs (00 - 15)

\*09

**EXIT DELAY #2**  
X 15 secs (00 - 15)

\*10

**ALARM SOUNDER  
TIME DURATION**  
X 2 mins. (01 - 15)

\*11

**NOT USED**

\*12  0

**MUST BE 0.**

**KEYSWITCH ENABLE**  
1 = Yes, 0 = No

\*13

**CONFIRMATION OF  
ARMING DING ENABLE**  
1 = Yes, 0 = No

\*14

**AC LOSS TRBL SOUND**  
1 = Yes, 0 = No

\*15

**AC PWR LOSS ALARM**  
1 = Yes, 0 = No

\*16

**CONTROL ALARM  
SOUNDER DISABLE**  
1 = Yes, 0 = No Makes no difference for 4140

\*17

**NOT USED  
(MUST BE ZERO)**

\*18  0

**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/RAD  
2 = ADEMCO HI SPEED

**SEC ACK WAIT** \*47

0 = 30 SECS; 1 = 60 SECS.

**SEC XMIT FORMAT** \*48

0 = ADEMCO LO; 1 = SESC/RAD  
2 = ADEMCO HI SPEED

**CHECKSUM VERIFY** \*49

1 = Yes, 0 = No

**SESCOA/RADIONICS SELECTION** \*50

**DUAL REPORTING** \*51

1 = Yes, 0 = No

**OPEN/CLOSE REPORT ENABLE** \*52

1 = Yes, 0 = No

**4+2 ZONE (MAX. OF 27 ZONES)** \*53  0

**FORMAT SELECTION**

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)** \*54  1

**FORMAT SELECTION**

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 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  
0 1 | 0 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 7 | 0 8

ZONE 9 10 11 12 13 14 15 16  
0 9 | 1 0 | 1 1 | 1 2 | 1 3 | 1 4 | 1 5 | 0 1

ZONE 17 18 19 20 21 22 23 24  
0 2 | 0 3 | 0 4 | 0 5 | 0 6 | 0 7 | 0 8 | 0 9

ZONE 25 26 27 DURESS SHORT 1 & \* 3 & # \* & #  
1 0 | 1 1 | 1 2 | 1 0 | 1 4 | 1 1 | 1 1 | 1 2

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

CH1	0 3	CH9	0 3
CH2	0 3	CH10	0 2
CH3	0 3	CH11	0 2
CH4	0 3	CH12	0 2
CH5	0 3	CH13	0 3
CH6	0 3	CH14	0 3
CH7	0 3	CH15	0 3
CH8	0 3	NOT USED	0 0

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

AC LOSS	0 8	OPEN	1 1
AC LOSS 2nd DIGIT	0 8	CLOSE	1 2
TRBL	1 5	LO BAT	0 9
TRBL RESTR	1 4	L BAT 2nd #	0 9
BYPASS	0 6	TEST	1 0
BYPASS RESTR	0 0	PWR UP	0 0
RESTR CODE FOR ALRM, AC, LO BAT	1 4	CANCEL	0 0

NOTE: The 2nd digit of the Test, Pwr Up, and Cancel report is a 0!

**ZONE TYPES 1-10 RESTORE REPORT ENABLE** \*69

(1 = YES; 0 = NO)

**4+2 EXPANDED FORMAT ZONES 1-8 REPORTS** \*70

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

**ALARM** \*72

**TRBL** \*76

**BYPASS**

**ALRM RESTR**

**TRBL RESTR**

**BYPASS RESTR**

1 2 3 4

5 6 7 8

9 10

1st DIGIT

2nd DIGIT

Z1

Z2

Z3

Z4

Z5

Z6

Z7

Z8

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

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

	*73 1st DIGIT	*77 2nd DIGIT
ALRM	Z9	Z9
TRBL	Z10	Z10
BYPASS	Z11	Z11
ALRM RESTR	Z12	Z12
TRBL RESTR	Z13	Z13
BYPASS RESTR	Z14	Z14
	Z15	Z15
	Z16	Z16

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

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

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

**DO NOT USE \*85**

**ZONE EXPANDER TYPE \*86**  
1 = No. 4208.  
0 = other VECTOR type RPM's

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

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

**NOT USED \*89**

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	must be zero
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0	must be zero
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**4+2 EXPANDED  
FORMAT ZONES 17-24  
REPORTS**

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

	*74 1st DIGIT	*78 2nd DIGIT
ALRM	Z17	Z17
TRBL	Z18	Z18
BYPASS	Z19	Z19
ALRM RESTR	Z20	Z20
TRBL RESTR	Z21	Z21
BYPASS RESTR	Z22	Z22
	Z23	Z23
	Z24	Z24

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

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ACCESS THE FOLLOWING ADDRESSES (100 - 149) BY ENTERING '91 WHILE IN THE PROGRAMMING MODE. ONLY THE LAST 2 DIGITS OF EACH ADDRESS MUST BE KEYED.

**OPEN/CLOSE  
REPORT ENABLE \*100**  
1 = YES, 0 = NO

USER	17	18	19	20	21	22

**4+2 EXPANDED  
FORMAT KEYPAD  
PANICS/ZONES 25-27/  
XPDR SUPVSRV**

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

	*75 1st DIGIT	*79 2nd DIGIT
ALRM	Z25	Z25
TRBL	Z26	Z26
BYPASS	Z27	Z27
ALRM RESTR		DURESS
TRBL RESTR		WIRING SHORT, ZONE EXP.
BYPASS RESTR		1 & # PANIC
		3 & # PANIC
		* & # PANIC

**ASSIGN RESPONSE TYPE FOR ZONES: (SEE FLD6.02 - 06)**

*101 ZNS 28 - 32	*102 ZNS 33 - 40	*103 ZNS 41 - 48
Z28	Z33	Z41
Z29	Z34	Z42
Z30	Z35	Z43
Z31	Z36	Z44
Z32	Z37	Z45
	Z38	Z46
	Z39	Z47
	Z40	Z48

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

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

	*80 1st DIGIT	2nd DIGIT
CLOSE REPORT		
OPEN REPORT		
LOW BATT REPORT		
LOW BATT RESTORE RPT		
TEST REPORT		

**\*104 ZNS 49 - 56**

Z49
Z50
Z51
Z52
Z53
Z54
Z55
Z56

**\*105 ZNS 57 - 64**

Z57
Z58
Z59
Z60
Z61
Z62
Z63
Z64

**\*108 ASSIGN RESP.  
TYPE 2ND 4280**

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

2nd 4280  
NOT REC  
XMTR SIG

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

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

	*81 1st DIGIT	2nd DIGIT
POWER-UP REPORT		
AC LOSS REPORT		
AC RESTORE REPORT		
CANCEL REPORT		

**\*106 NOT USED \*107 NOT USED**

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

Z89
Z90
Z91

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

**DESIGNATE RIGHT ZONE USAGE (SEE \*06 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 MON. INTRV   X 2 HOURS  
 01 - 15

\*131 RF XMTR CHK-IN MON. INTRV   X 2 HOURS  
 01 - 15

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

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

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

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

\*138 ZNS 49 - 56  
 Z49 [0][7]  
 Z50 [0][8]  
 Z51 [0][9]  
 Z52 [1][0]  
 Z53 [1][1]  
 Z54 [1][2]  
 Z55 [1][3]  
 Z56 [1][4]

\*139 ZNS 57 - 64  
 Z57 [1][5]  
 Z58 [0][1]  
 Z59 [0][2]  
 Z60 [0][3]  
 Z61 [0][4]  
 Z62 [0][5]  
 Z63 [0][6]  
 Z64 [0][7]

\*140, \*141 NOT USED

\*142 ASSIGN CHNNL TO 2ND RCVR FAULT  
 Z88 [0][0]  
 [0][0]  
 [0][0]  
 [0][0]  
 [0][0]  
 [0][0]  
 [0][0]  
 [0][0]  
 [0][8] 2ND 4280 NOT RECEIVING XMTR SIGNAL

\*143 CHANNEL ASSIGNED TO RF RCVR FAULTS  
 Z89 [0][9] 2ND 4280 NOT RESPONDING/BAD CONN. TO PANE  
 Z90 [1][0] 1ST 4280 NOT RECEIVING XMTR SIGNAL  
 Z91 [1][1] 1ST 4280 NOT RESPONDING/BAD CONN. TO PANE

\*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

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

\*135 ZN 28 - 32  
 Z28 [0][1]  
 Z29 [0][2]  
 Z30 [0][3]  
 Z31 [0][4]  
 Z32 [0][5]

\*136 ZN 33 - 40  
 Z33 [0][6]  
 Z34 [0][7]  
 Z35 [0][8]  
 Z36 [0][9]  
 Z37 [1][0]  
 Z38 [1][1]  
 Z39 [1][2]  
 Z40 [1][3]

\*137 ZN 41 - 48  
 Z41 [1][4]  
 Z42 [1][5]  
 Z43 [0][1]  
 Z44 [0][2]  
 Z45 [0][3]  
 Z46 [0][4]  
 Z47 [0][5]  
 Z48 [0][6]

**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 A = 10 B = 11 C = 12 D = 13 E = 14 F = 15  
 A = 10 (CS ID only)