4110XM PROGRAMMING FORM

THIS PROGRAMMING FORM INCORPORATES SYSTEM ENHANCEMENTS
AND SHOULD BE USED TO PROGRAM CONTROLS SUPPORTING THOSE ENHANCEMENTS.

FIELD FUNCTION [ ] = Default Value

SYSTEM OPTIONS (*20-*28)

***20** MASTER SECURITY CODE ☐☐☐☐ [4] [1] [1] [0]
Enter 4 digits, 0-9 (entry of all 4 is mandatory).
Use of a "9" in the last position inhibits the Ambush feature.

***21** QUICK ARM ENABLE † ☐ [0],
0 = no; 1 = yes. If enabled, [#] key can be used instead of security code when arming the system.

***22** KEYSWITCH ENABLE † ☐ [0]
0 = no; 1 = yes (if 4281 used, keyswitch can't be used)

***23** FORCE BYPASS FUNCTION † ☐ [0]
0 = no; 1 = yes. Allows all faulted zones to be bypassed by entering [Security Code] + [Bypass]. Zones that are bypassed by this function will be displayed after the bypass is initiated.

***24** RF RECEIVER HOUSE ID CODE ☐☐
With 4281, enter 01-31 House ID. Otherwise enter [00].

***27** AUDIBLE EXIT WARNING ☐ [1]
0 = no; 1 = yes. If selected, beeping occurs during exit time and changes from slow to rapid beeping during last 5 seconds of exit delay.

***28** CONFIRMATION OF ARMING DING ☐ [0]
0 = no; 1 = yes. If selected, external sounder will sound for approx. 1 second at end of exit time or at time of kissoff of closing report, if programmed.

***29** FIRE SOUNDER TIMEOUT † ☐ [0]
0 = sounder timeout, 1 = no sounder timeout. Enter 0 if sounder timeout for fire zones is desired (uses time programmed in field *30).

***30** ALARM SOUNDER TIMEOUT † ☐ [1]
Enter time for external sounder to shut off after alarm occurs.
0 = no timeout; 1 = 4 min; 2 = 8 min; 3 = 12 min

PROGRAMMING HARDWIRE ZONES

***31** ZONE 1 RESPONSE TYPE ☐ [1]

***32** ZONE 2 RESPONSE TYPE ☐ [4]

***33** ZONE 3 RESPONSE TYPE ☐ [3]

***34** ZONE 4 RESPONSE TYPE ☐ [3]

***35** ZONE 5 RESPONSE TYPE ☐ [9]

***36** ZONE 6 RESPONSE TYPE ☐ [7]

ZONE TYPES FOR PROGRAMMING FIELDS *31-37

0 = DISABLED (or Undefined)	6 = 24 HR (Silent)
1 = ENTRY/EXIT, Burglary	7 = 24 HR (Audible)
2 = *not used*	8 = 24 HR (Auxiliary)
3 = PERIMETER, Burglary	9 = FIRE (Fields *35 and *37 only)
4 = INTERIOR/FOLLOWER,	10 = INTERIOR W/DELAY, Burglary (To program, enter # + 10)
5 = TROUBLE BY DAY/ ALARM BY NIGHT, Burglary	

***37** ZONE 7 RESPONSE TYPE ☐ [6]
Console Panic: Key B or ✳ & # . Only zone types 0, 6, 7, 8, 9 apply.

***38** ENTRY DELAY † ☐ [2]
0 = 0 sec ; 1 = 20 sec; 2 = 30 sec; 3 = 45 sec; 4 = 60 sec; 5 = 90 sec.
EXIT Delay = ENTRY Delay + 15 sec

***39** ZONE 3 RESPONSE TO OPEN † ☐ [0]
0 = 400 ms nominal; 1 = 10 ms nominal

† Entry of a number other than one specified will give unpredictable results.

DIALER PROGRAMMING (*40-*49)

For fields *40-*42, enter digits 0-9, or # + 11 for [✳], # + 12 for [#], # + 13 for 2 second pause. If fewer than the maximum number of digits is entered, exit the field by pressing [✳] followed by the next field number to be programmed.

***40** PABX ACCESS CODE

☐☐☐☐
Enter 4 digits. To clear entries from field, press ✳40✳.

***41** PRIMARY PHONE No.

☐☐☐☐☐☐☐☐☐☐☐☐
Enter up to 12 digits. Do not fill unused spaces.
To clear entries from field, press ✳41✳.

***42** SECONDARY PHONE No.

☐☐☐☐☐☐☐☐☐☐☐☐
Enter up to 12 digits. Do not fill unused spaces.
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]. 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:	1	2	3	4
	For Acct No. **B234**, enter:	#+11	2	3	4
	For Acct No. **123**, enter:	1	2	3	*

***44** REPORT FORMAT

☐ [0]

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
7 = ADEMCO CONTACT ID REPORTING
8 = 3+1, 4+1 ADEMCO L/S EXPANDED
9 = 3+1, 4+1 RADIONICS EXPANDED

***45** PHONE SYSTEM SELECT

† ☐ [0]

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]

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]

0 = no, 1 = yes

***48** PERIODIC TEST MESSAGE

† ☐ [0]

0 = none, 1 = 24 hrs; 2 = weekly (enter Test Code in field *64)
(Initial report is sent 12 hrs. after exiting programming or downloading.)

***49** SPLIT/DUAL REPORTING

☐ [0]

	TO PRIMARY PHONE No.	**TO SECONDARY PHONE No.**
0 =	All	Backup Report Only
1 =	Alarms, Restore, Cancel	Other Reports
2 =	All Reports except Open/Close, Test	Open/Close, Test
3 =	Alarms, Restore, Cancel	All Reports
4 =	All Reports except Open, Close, Test	All Reports
5 =	All Reports (Dual Reporting)	All Reports

	TO PRIMARY PHONE No.	**TO PAGER No.†† (secondary)**
6 =	All reports except open/close	Alarms, Open/Close, Trouble
7 =	All reports	Alarms, Troubles
8 =	All reports	Alarms, Open/Close, Troubles

† Entry of a number other than one specified will give unpredictable results.

†† Can only be used if primary reporting format is Ademco Contact ID.

ALARM REPORT CODES (*50-*59)

***50** 1st DIGIT OF Zn 95, Zn 96 (Keypad Panics) ☐☐ (95) (96)

Enter 1-9, 0, B-F as described in box below.
An entry of "0" will disable report.

2nd Digit of each (for expanded or 4+2 reporting) is same as for field *57.

Zone 95 is Console Silent Panic (Key A or 1 & ✻).

Zone 96 is Console Audible Panic (Key C or 3 & #).

***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: Key B or ✻&#)

***58** ZONE 8 ALARM RPT CODE (Duress) ☐☐

***59** ZONE 9 ALARM RPT CODE ☐☐
(RF supervision)

TO PROGRAM REPORT CODES FOR ALARM, SYSTEM STATUS, RESTORE, & WIRELESS ZONES (*51–*83)

For 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.

For Expanded or 4+2 Format:

Enter codes in *both* boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.

For Ademco Contact ID Format:

Enter any digit (other than "0") in the *first* box, to enable zone to report. This is an "enabling" code only and is not the actual report sent to the central office. Entries in the *second* box will be ignored.

SYSTEM STATUS REPORT 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 REPORT CODE ☐☐

***68** CANCEL REPORT CODE ☐☐

An entry of "0" in the *first* box for any report format will ***disable*** a report. An entry of "0" in the *second* box will result in automatic advance to the next field when programming. ***To send "0" as a digit, you must enter # + 10.***

Examples:

For Code 3 (Single Digit), enter:	3	0
For Code 32 (Two Digits), enter:	3	2
For Code B2 (Hexadecimal) enter:	#11	2

RESTORE REPORT CODES (*69-*75)

***69** GROUP RESTORES for TROUBLE, RF LOW BATTERY, BYPASS ☐ [0]
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 *50-*59 and *76-*83, 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 RSTR RPT CODE ☐☐

PROGRAMMING WIRELESS ZONES

XMTR ID (ZONE NO.) / REPORT CODES (*76-*92)

[When Using:]	[These Fields Can Be Used:]
4281L	*76-*79 plus *92
4281M or H	*76-*83 plus *92

		XMITTER ID (ZONE NO.)	/	REPORT CODE
***76**	1st Transmitter	☐☐	/	☐☐
***77**	2nd Transmitter	☐☐	/	☐☐
***78**	3rd Transmitter	☐☐	/	☐☐
***79**	4th Transmitter	☐☐	/	☐☐
***80**	5th Transmitter	☐☐	/	☐☐
***81**	6th Transmitter	☐☐	/	☐☐
***82**	7th Transmitter	☐☐	/	☐☐
***83**	8th Transmitter	☐☐	/	☐☐

NOTE: Transmitter IDs programmed must match Transmitter ID DIP switches.

NO.)	
10-13	ENTRY/EXIT, Burg.
14-29	PERIMETER, Burg.
30-43	INT/FOLLOWER, Burg.
44, 45	INT W/DELAY, Burg.
46, 47	PERIMETER, Burg.
48-55	FIRE
56-61	TROUBLE BY DAY/ ALARM BY NITE, Burg.
62	24 HR. AUDIBLE
63	PROGRAMMED BY FIELD *92

***92** ZONE RESPONSE OF XMTR ID 63 (if used). ☐ [0]
Only zone types 0, 6, 7, 8, 9 applicable.

***93** REPORTS PER ARMED PERIOD ☐ [0]
0 = 10 max total alarm + alarm restores; 1 = Unlimited

DOWNLOAD INFORMATION (*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). Enter # + 11 for [✳], # + 12 for [#] and # + 13 for 2 second pause.
To clear entries from field, press *94*.

***95** RING DET COUNT FOR DOWNLOADING ☐ [0]
[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** AND **SUBSCRIBER ACCOUNT No.** FOR FIRST TIME DOWNLOAD (THIS ***MUST BE DONE BEFORE FIRST DOWNLOAD. ONCE INITIALIZED, DO NOT RE-ENTER ANOTHER SUBSCRIBER ACCOUNT No. MANUALLY. THIS WOULD VOID THE *96 COMMAND.

***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 *Prevents* re-entry by: [Master Code] + [Code] key + [0].

***99** EXITS PROGRAMMING MODE *Allows* re-entry by: [Master Code] + [Code] key + [0].

ADEMCO

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