

# 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 HARDWARE 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]
- \*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.

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

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

**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.

\* 4 0 PABX ACCESS CODE

Enter 4 digits. To clear entries from field, press \*40\*.

\* 4 1 PRIMARY PHONE No.

Enter up to 12 digits. Do not fill unused spaces.

To clear entries from field, press \*41\*.

\* 4 2 SECONDARY PHONE No.

Enter up to 12 digits. Do not fill unused spaces.

To clear entries from field, press \*42\*.

\* 4 3 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  \*

\* 4 4 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

\* 4 5 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

\* 4 6 SESCOA/RADIONICS SELECT

†  [0]

0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting)  
 Select 0 for all other formats.

\* 4 7 15 SEC DIALER DELAY (BURG)

†  [0]

0 = no, 1 = yes

\* 4 8 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.)

\* 4 9 SPLIT/DUAL REPORTING

[0]

**TO PRIMARY PHONE No.**

0 = All  
 1 = Alarms, Restore, Cancel  
 2 = All Reports except Open/Close, Test  
 3 = Alarms, Restore, Cancel  
 4 = All Reports except Open, Close, Test  
 5 = All Reports (Dual Reporting)

**TO SECONDARY PHONE No.**

Backup Report Only  
 Other Reports  
 Open/Close, Test  
 All Reports  
 All Reports  
 All Reports

**TO PRIMARY PHONE No.**

6 = All reports except open/close  
 7 = All reports  
 8 = All reports

**TO PAGER No. †† (secondary)**

Alarms, Open/Close, Trouble  
 Alarms, Troubles  
 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. 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 (Keypad) Zone 96 is Console Audible Panic (Keypad)

- \* 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 \*B#)
- \* 58 ZONE 8 ALARM RPT CODE (Duress)
- \* 59 ZONE 9 ALARM RPT CODE (RF supervision)

**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

**TO PRO SYSTEM**

**For 3+1**  
Enter 1-9, 0, B, C, D, E, or F. Enter "B, "#+12" for C, "#+15" for F.

**For Expanded Report ID Format:**  
Enter 1-9, 0, B, C, D, E, or F. Enter "B, "#+12" for C, "#+15" for F.

**For Address Report ID Format:**  
Enter 1-9, 0, B, C, D, E, or F. Enter "B, "#+12" for C, "#+15" for F.

**For Alarm Report ID Format:**  
Enter 1-9, 0, B, C, D, E, or F. Enter "B, "#+12" for C, "#+15" for F.

**For Release Report ID Format:**  
Enter 1-9, 0, B, C, D, E, or F. Enter "B, "#+12" for C, "#+15" for F.

**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 / REPORT  
 (ZONE NO.) / 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].



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