®ADEMCO

SECURITY SYSTEM

4110DL

Programming Form • Programming Form • Programming Form

4110DL PROGRAMMING FORM

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).

*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

*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.

*27 AUDIBLE EXIT WARNING   ☐ [1]

0 = no, 1 = yes. If enabled, beeping will occur during exit time and will change from slow to rapid beeping during last 5 seconds of exit delay (Rev 6 and above only).

*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

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

PROGRAMMING HARDWIRE ZONES

Field	Description	Value
*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

DIALER PROGRAMMING (*40-*49)

In fields ✷40, ✷41, ✷42, enter up to the number of digits shown. Do not fill unused spaces. Enter 0-9; #+11 for ✷; #+12 for #; #+13 for a pause.

*40   PABX ACCESS CODE

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.

If fewer than 12 digits entered, exit by pressing ✷ (and press 42, if entering next field). To clear entries from field, press ✷41✷.

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

*42   SECONDARY PHONE No.

☐☐☐☐☐☐☐☐☐☐☐☐

If fewer than 12 digits entered, exit by pressing ✳ (and press 43, if entering next field). To clear entries from field, press ✳42✳.

Seconday phone number can be used for pager. See *49 (Rev 6 and above only).

*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.

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

*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 PAGING No. ***
6 =	All Reports except open/close	Alarms, Open/Close, Troubles
7 =	All Reports	Alarms, Troubles
8 =	All Reports	Alarms, Open/Close, Troubles

(6,7 & 8, Rev 6 and above only)

* Can only be used if Primary Reporting is ADEMCO Contact ID.

Touch tone codes sent to pager are: 1911 = alarm, 1001 = open, 1002 = close, 1811 = trouble

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 on next page.
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 & #).

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

*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 (Tamper)	☐ ☐

TO PROGRAM REPORT CODES FOR ALARM, SYSTEM STATUS, & RESTORE (*51–*74)

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 (Sent at random delay up to 1 hour, Rev 6 and above; otherwise sent immediately)	☐ ☐
*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.	
*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 (1 Digit), enter: ☐ 3 ☐ 0

For Code 32 (2 Digits), enter: ☐ 3 ☐ 2

For Code B2 (Hex) enter: ☐ #11 ☐ 2

RESTORE REPORT CODES (*69-*93)

*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, 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   ☐☐

*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. Enter # + 11 for "*", # + 12 for "#", # + 13 for 2 sec. pause. 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]

[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].