



[®]**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

*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 = <i>not used</i>	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.

*** 4 2** 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).

*** 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:

For Acct No. **B234**, enter:

For Acct No. **123**, enter:

*** 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.

† 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.

- 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 PRIMARY PHONE No.

- 6 = All Reports except open/close
- 7 = All Reports
- 8 = All Reports
- (6,7 & 8, Rev 6 and above only)

TO SECONDARY PHONE No.

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

To PAGING No. *

- Alarms, Open/Close, Troubles
- Alarms, Troubles
- Alarms, Open/Close, Troubles

* 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)

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 ☐ ☐

RESTORE REPORT CODES (*69-*93)

- *69 GROUP RESTORES for TROUBLE, RF LOW BATTERY, BYPASS ☐ [0]
- *70 ALARM RESTORE REPORT CODE ☐
- *71 TROUBLE RESTORE REPORT CODE ☐ ☐

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.



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:

For Code 32 (2 Digits), enter:

For Code B2 (Hex) enter:

0 = no (report for each restore),
1 = yes (report after all zones restored)

Note: "1" not applicable to Contact ID reporting.

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.

- *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].



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