

Dear Tech-Man Subscriber:

ADEMCO apologizes for any misunderstanding that has arisen due to our recent decision to have our technical information removed from the Tech-Man web site. You may appreciate that one of our key concerns is to provide installing security dealers with timely and accurate information on our products, and we were concerned about the data posted to the Tech-Man web site. For obvious reasons, we also do not wish unauthorized individuals to have access to information on installing and configuring ADEMCO systems. These concerns were what prompted us to ask Tech-Man to stop posting ADEMCO installation instructions and user manuals.

Several of you have written us to ask that we reconsider this decision. We have. We will not require Tech-Man to remove the ADEMCO data. ADEMCO, however, is not responsible for the operation and maintenance of this site - thus we cannot guarantee the timeliness or accuracy of the information posted on the Tech-Man web site.

The ADEMCO web site is located at [www.ademco.com](http://www.ademco.com) and contains accurate timely data about our products. You may request a PIN number for access to the ADEMCO Technical Support web site and FAXBACK system.

If you need assistance on troubleshooting, or if you have other technical questions about our products not addressed in the information posted at our web site, please contact ADEMCO Technical Support at 800-645-7492.

Thank you for understanding.

Sincerely,

Herb Lustig

## 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:

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.

† 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 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  
(6,7 & 8, Rev 6 and above only)

**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)

**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:

For Code 32 (2 Digits), enter:

For Code B2 (Hex) enter:

**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)
- \* 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

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

- \*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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