FA120C PROGRAMMING FORM

THIS PROGRAMMING FORM INCORPORATES SYSTEM ENHANCEMENTS INVOLVING FIELDS *38, *48, and *93,
AND MAY ONLY BE USED TO PROGRAM CONTROLS WITH THOSE ENHANCEMENTS.

FIELD FUNCTION   [ ] = Default Value

SYSTEM OPTIONS (*20-*30)

*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/
ZONE EXPANDER ENABLE**

☐☐

With 4281, enter 01-31 House ID. With 4219, enter 90. Otherwise enter
[00].

*28 CONFIRMATION OF ARMING DING

☐ [0]

0 = no, 1 = yes. If selected, external sounder will sound for approx. 1/2
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 =   8 = 24 HR (Auxiliary)
3 = PERIMETER Burglary   9 = FIRE (Fields *35 and *37 only)
4 = INTERIOR FOLLOWER Burglary   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 of those specified will give unpredictable results.

DIALER PROGRAMMING (*40-*49)

*40 PABX ACCESS CODE

☐☐☐☐

Enter 4 digits, 0-9. If fewer than 4 digits entered, exit by pressing *(and ng next field). To clear entries from field, press *40*.

*41 PRIMARY PHONE No.

☐☐☐☐☐☐☐☐☐☐☐

Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 42, if entering next field). To clear entries from field, press *41*.

*42 SECONDARY PHONE No.

☐☐☐☐☐☐☐☐☐☐

Enter up to 12 digits, 0-9. Do not fill unused spaces. If fewer than 12 digits entered, exit by pressing * (and press 43, if entering next field). 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	6 or undefined = 4+2 ADEMCO EXPRESS
1 = 3+1, 4+1 RADIONICS STANDARD	7 = ADEMCO CONTACT ID REPORTING
2 = 4+2 ADEMCO L/S STANDARD	8 = 3+1, 4+1 ADEMCO L/S EXPANDED
3 = 4+2 RADIONICS STANDARD	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

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

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 & #).

Field	Description	
*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)	□□
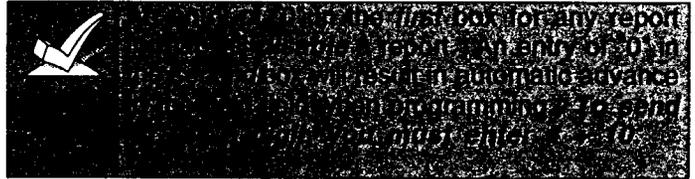
SYSTEM STATUS REPORT CODES
(*60-*68)

Field	Description	
*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.

Field	Description	
*67	RF XMTR LOW BAT REPORT CODE	□□
*68	CANCEL REPORT CODE	□□

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.

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,   □ [0]
         RF LOW BATTERY, BYPASS
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.

Field	Description	
*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)

		XMITTER ID or 4219 LOOP ZONE	REPORT CODE
*76	1st Transmitter or Loop A	☐☐ /	☐☐
*77	2nd Transmitter or Loop B	☐☐ /	☐☐
*78	3rd Transmitter or Loop C	☐☐ /	☐☐
*79	4th Transmitter or Loop D	☐☐ /	☐☐
*80	5th Transmitter or Loop E	☐☐ /	☐☐
*81	6th Transmitter or Loop F	☐☐ /	☐☐
*82	7th Transmitter or Loop G	☐☐ /	☐☐
*83	8th Transmitter or Loop H	☐☐ /	☐☐
*84	9th Transmitter	☐☐ /	☐☐
*85	10th Transmitter	☐☐ /	☐☐
*86	11th Transmitter	☐☐ /	☐☐
*87	12th Transmitter	☐☐ /	☐☐
*88	13th Transmitter	☐☐ /	☐☐
*89	14th Transmitter	☐☐ /	☐☐
*90	15th Transmitter	☐☐ /	☐☐
*91	16th Transmitter	☐☐ /	☐☐

NOTE: Transmitter IDs programmed must match Transmitter ID dipswitches.

*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). 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)

*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].