PROGRAMMING FORM
and
SYSTEM LAYOUT
WORKSHEETS

FA1340C
FA1340C-UL

PARTITIONED SECURITY SYSTEM
with SCHEDULING

First Alert
*PROFESSIONAL
SECURITY SYSTEMS*

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.
Fields bordered by dotted line can be programmed using the #93 Menu mode.

*00 INSTALLER CODE ☐ ☐ ☐
Enter 4 digits, 0-9 [4140]

ASSIGN RESPONSE TYPE FOR ZONES 1-27, 95-99
(Enter 00-10) see fields 1*01-1*09 for response types for zones 28-87.

*02		*03		*04		*05		
1	☐	9	☐	17	☐	25	☐	
2	☐	10	☐	18	☐	26	☐	
3	☐	11	☐	19	☐	27	☐	
4	☐	12	☐	20	☐		0|0	
5	☐	13	☐	21	☐	97	☐	polling loop short
6	☐	14	☐	22	☐	95	☐	(1 + * panic)
7	☐	15	☐	23	☐	96	☐	(3 + # panic)
8	☐	16	☐	24	☐	99	☐	(* + # panic)

RESPONSE TYPES: 00 = Disabled zone; 01 = Entry/Exit #1;
02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower;
05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm;
08 = 24 hour Auxiliary; 09 = Fire; 10 = Interior, Delay; 11= 24 hr. burg.
20 = arm stay; 21 = arm away; 22 = disarm; 23= no alarm response

*09 ENTRY DELAY #1 ☐
*10 EXIT DELAY #1 ☐
*11 ENTRY DELAY #2 ☐
*12 EXIT DELAY #2 ☐
*13 ALARM SOUNDER DURATION ☐

*14 ZONE 9 RESPONSE TIME [0] ☐
0= normal; "0" for UL.; 1=fast;

*15 KEYSWITCH ASSIGNMENT [0] ☐
Enter partition in which keyswitch used, 1-8; 0=disable

*16 CONFIRMATION OF ARMING DING ☐

*17 AC LOSS KEYPAD SOUNDING [0] ☐
0=no; 1=yes

*18 UL AC LOSS SIREN [0] ☐
0=no; 1=yes

*19 RANDOMIZE AC LOSS REPORT [0] ☐
0=no; 1=randomize 10-40 min.

*20 VOICE MODULE PHONE CODE [00] ☐ ☐
Enter 01-09 for 1st digit; 11 (for *) or 12 (for #) for 2nd digit.
To disable voice module, enter 1st digit = 00 & 2nd digit = 11
Must be disabled for UL Listed installations.

*21 PREVENT FIRE TIME-OUT [0] ☐
0=fire timeout; 1=no timeout;

*22 KEYPAD PANIC ENABLES 95 96 99

*23 MULTIPLE ALARMS ☐

*24 IGNORE EXPANSION ZONE TAMPER [0] ☐
0=enable for RF and RPMs; 1=yes

*25 BURG.TRIGGER FOR RESPONSE TYPE 8 [1] ☐
0=disable; 1=enable

*26 INTELLIGENT TEST REPORTING [0] ☐
0=no; Set "0" for UL; 1=yes, (no report sent if any other report was recently sent)

*27 TEST REPORT INTERVAL [024] ☐ ☐
Enter interval in hours, 001-199; 000=no report ; Max. 024 for UL.

*28 POWER UP IN PREVIOUS STATE [1] ☐
0=no; 1=yes; "1" for UL.

*29 QUICK ARM ☐

*30 TOUCH-TONE OR ROTARY DIAL [0] ☐
0=rotary; 1=TouchTone;

*31 PABX ACCESS CODE ☐ ☐ ☐ ☐
00-09; B-F (11-15)

*32 PRIM. SUBS. ACCT # ☐ ☐ ☐ ☐

*33 PRIMARY PHONE NUMBER ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Enter 0-9 for each digit

*34 SECONDARY PHONE NUMBER ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Enter 0-9 for each digit

*35 DOWNLOAD PHONE No. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Enter 0-9 for each digit

*36 DOWNLOAD ID No. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]

*37 DOWNLOAD COMMAND ENABLES

Dialer Shutdwn	System Shutdwn	Not Used 0	Remote Bypass	Remote Disarm	Remote Arm	Upload Program	Download Program

See field 1*53 for Callback disable option; [1=enable]; 0=disable; For UL installations, all options must be disabled.

*38 PREVENT ZONE XX BYPASS ☐

*39 OPEN/CLOSE REPORT FOR INSTALLER ☐

*40 OPEN/CLOSE REPORT FOR KEYSWITCH [0] ☐
0=disable; 1=enable

*41 NORMALLY CLOSED or EOLR (Zones 2-8) [1] ☐
0=EOLR supervision; Must be "0" for UL.; 1=N.C.loops;

*42 DIAL TONE PAUSE [0] ☐
0=5 seconds; 1=11 seconds; 2=30 seconds; Must be "0" for UL.

*43 DIAL TONE DETECTION [1] ☐
0=pause, then dial; 1=wait for true dial tone;

*44 RING DETECTION COUNT [00] ☐
01-14; 15=answering machine; 00=no detection

*45 PRIMARY FORMAT [0] ☐
0=Low Speed; 1=Contact ID; 2=Ademco High Speed;
3=Ademco Express

*46 LOW SPEED FORMAT (Primary) [0] ☐
0=Ademco Low Speed; 1=Sescoa/Radionics

*47 SECONDARY FORMAT [0] ☐
0=Low Speed; 1=Contact ID; 2=Ademco High Speed;
3=Ademco Express

*48 LOW SPEED FORMAT (Sec.) [0] ☐
0=Ademco Low Speed; 1=Sescoa/Radionics

*49 CHECKSUM VERIFICATION [0] [0] ☐ ☐
0=no; 1=yes; PrimScndry

*50 SESCOA/RADIONICS SELECT [0] ☐
0=Radionics; 1=Sescoa;

*51 DUAL REPORTING [0] ☐
0=no; 1=yes; If used with Spilt Reporting "1" option (1*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, alarms go to both, open/close and test messages go to secondary only, while all other reports go to primary.

*52 STANDARD/EXPANDED REPORT FOR PRIMARY

☐ ☐ ☐ ☐ ☐ ☐ [0]
Alarm　Rstr　Bypass　Trbl　Opn/Cls　Low Bat
0=standard; 1=expanded;　Note: Expanded overrides 4+2 format.

*53 STANDARD/EXPANDED REPORT FOR SECONDARY

☐ ☐ ☐ ☐ ☐ ☐ [0]
Alarm　Rstr　Bypass　Trbl　Opn/Cls　Low Bat
0=standard; 1=expanded;　Note: Expanded overrides 4+2 format.

ALARM REPORT CODE & ID DIGITS FOR ZONES 1-32 & SUPV. & RESTORE CODES [All codes default to 00]

*54 CODE	*55 ID	*56 CODE	*57 ID	*58	
1		9			Alarm Rst.
2		10			Trouble
3		11			Trble Rst.
4		12			Bypass
5		13			Bypss Rst.
6		14			
7		15			
8		16			

*59 CODE	*60 ID	*61 CODE	*62 ID	*63	
17		25			Alarm Rst.
18		26			Trouble
19		27			Trble Rst.
20		28			Bypass
21		29			Bypss Rst.
22		30			
23		31			
24		32			

ALARM REPORT CODE & ID DIGITS FOR ZONES 33-64 & SUPV. & RESTORE CODES [All codes default to 00]

*64 CODE	*65 ID	*66 CODE	*67 ID	*68	
33		41			Alarm Rst.
34		42			Trouble
35		43			Trble Rst.
36		44			Bypass
37		45			Bypss Rst.
38		46			
39		47			
40		48			

*69 CODE	*70 ID	*71 CODE	*72 ID	*73	
49		57			Alarm Rst.
50		58			Trouble
51		59			Trble Rst.
52		60			Bypass
53		61			Bypss Rst.
54		62			
55		63			
56		64			

ALARM REPORT CODE & ID DIGITS FOR ZONES 81-87, RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES
*74 CODE ***75** ID ***76** CODE ***77** ID [All codes default=00]

	*74 CODE	*75 ID		*76 CODE	*77 ID	
81			89			
82			90			
83			91			
84						Duress
85			97			Poll loop short
86			95			(panic key 1+*)
87			96			(panic key 3+#)
88			99			(panic key * + #)

*78

	Alarm Rst.
	Trouble
	Trble Rst.
	Bypass
	Bypss Rst.

NOTES: 97= Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel. 87 = Voice Module supervision.

ZONE TYPE RESTORE ENABLES
[0=disable]; 1=enable;

*79 FOR ZONE TYPES 1-8

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
1　2　3　4　5　6　7　8

*80 FOR TYPES 9-11

☐ ☐ ☐
9　10　11

SYSTEM NON ALARM CODES

	*81 First Digit	*82 Second Digit
Close		
Open		
Low Battery		
Low Bat Res		
AC Loss		
AC Restore		
Test		
Power		
Cancel		
Prog. Tamp.		

Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.

*83 FIRST TEST REPORT TIME ☐ ☐ ☐
[Day 00; hour 12; min 00]　Days 01-07　Hours 00-23 Min 00-59; 00 in all boxes=instant (Day 01= Monday)

*84 SWINGER SUPPRESSION ☐

*85 ENABLE DIALER REPORTS FOR PANICS & DURESS ☐ ☐ ☐ ☐
95　96　99　Duress

*86 4208 MODULE ZONE ASSIGNMENT [0] ☐
1=allows 8 zone numbers (10-17) on one module, but prevents any other expansion; 0=Otherwise

*87 ENTRY WARNING ☐

*88 BURG. ALARM COMM. DELAY ☐

*89 RESTORE REPORT TIMING [0] ☐
0=instant; 1=at bell timeout; 2=at disarm

*90 2nd SUBS. ACCT # ☐ ☐ ☐ ☐

ASSIGN RESPONSE TYPE FOR ZONES
(Enter 00-10; see Response Types below)

1*01	1*02	1*03	1*04	1*05
28	33	41	49	57
29	34	42	50	58
30	35	43	51	59
31	36	44	52	60
32	37	45	53	61
	38	46	54	62
	39	47	55	63
	40	48	56	64

1*06	1*07	1*08	1*09	
65	73	81	88	2nd RCVR
66	74	82	89	2nd RCVR
67	75	83	90	1st RCVR
68	76	84	91	1st RCVR
69	77	85		
70	78	86		
71	79	87		Voice Module
72	80			

RESPONSE TYPES: 00 = Disabled zone; 01 = Entry/Exit #1; 02 = Entry/Exit #2; 03 = Perimeter; 04 = Interior Follower; 05 = Day/Night; 06 = 24 hour Silent Alarm; 07 = 24 hour Audible Alarm; 08 = 24 hour Auxiliary; 09 = Fire; 10 = Interior, Delay; 11= 24 hr. burg. 20=arm stay; 21=arm away; 22=disarm; 23=no alarm response

NOTES: If using 1 or 2 RF RCVRs, enable their respective faults (88-91) as troubles (type 5) to provide trouble annunciation. Enter 00 if no annunciation is desired. 88 & 90 = RCVR not receiving transmitter signals. 89 & 91 = RCVR not responding, bad conn. to panel.

MISCELLANEOUS WIRELESS OPTIONS

1*26 FIRST 4280 RF RECEIVER SELECT [0]
0=no; 1=yes; If yes, refer to field 1*32.

1*27 SECOND 4280 RF RECEIVER SELECT [0]
0=no; 1=yes;

1*28 RF TX LOW BATTERY SOUND [0]
0=when disarmed; 1=immediate; Must be "1" for UL

1*29 RF TX LOW BATTERY REPORT ENABLE [0]
0=disable; 1=enable;
Must be "1" for UL

1*30 RF RCVR CHECK-IN INTERVAL [06]
02-15 times 2 hours; 00 disables supervision
Max. "6" (12 hr) for UL

1*31 RF TRANSMITTER CHECK-IN INTERVAL [12]
02-15 times 2 hours; 00 disables transmitter supervision
Max. "6" (12 hr) for UL

1*32 RF RECEIVER TYPE [0]
0=4280; 1=4281; 2=5881
(Field 1*26 must be enabled if using any type RF receiver)

1*33 TOUCH-TONE W/ROTARY BACKUP [0]
0=disable; 1=enable;

1*34 COMM. SPLIT REPORT SELECTION [0]
0=no; 1=alarms primary, others secondary;
2=open/close, test secondary, others primary; See *51 for comments.

ALARM REPORT CODE & ID DIGITS FOR ZONES
65-80 & SUPV. & RESTORE CODES [codes default to zero]

1*35 CODE	1*36 ID	1*37 CODE	1*38 ID	1*39	
65		73			Alarm Rst.
66		74			Trouble
67		75			Trble Rst.
68		76			Bypass
69		77			Bypss Rst.
70		78			
71		79			
72		80			

NON-ALARM DIALER CODES (Armed Stay, Time Set & Event Logging)

	1*40 First Digit	1*41 Second Digit
Armed STAY		
Time/Date set or event log reset		
Event log 50% & 90% full		
Event log overflow		

1*43 PERM. KEYPAD BACKLIGHT

1*44 WIRELESS KEYPAD [0]
TAMPER DETECT ENABLE 1=enable; 0=disable

1*45 EXIT DELAY SOUNDING

1*46 AUXILIARY OUTPUT MODE [0]
0=ground start; 1=open/close trigger; 2=keypad sounding
3=Audio Alarm Verification (AAV) trigger

1*47 CHIME ON EXT. SIREN

1*48 WIRELESS KEYPAD ASSIGNMENT [0]
0=disable; enter partition in which RF keypad used, 1-8.

1*49 SUPPRESS TX SUPERVISION SOUND [1]
0=enable. Must be "0" for UL.; 1=disable;

1*52 SEND CANCEL IF ALARM + OFF

1*53 DOWNLOAD CALLBACK [0]
0=callback required; Must be "0" for UL.; 1=callback not required;

1*57 5800 RF BUTTON GLOBAL ARM [0]
Enter "0" if the button is not to be used to global arm the system. Enter "1" to have the system arm/disarm following the button user's global arm settings.

1*58 5800 RF BUTTON FORCE BYPASS [0]
Enter "0" to disable. Enter "1" to enable. If a zone is faulted after pressing button, console will beep once. User should press button again within 4 sec. to force bypass those zones.
Must be disabled for UL Listed installations.

1*60 ZONE 5/AUDIO ALARM VERIFICATION [0]
Enter 0 if two-way audio is not used. Enter 1 if audio alarm verification is desired (AAV). If selected, zone 5 is no longer available as a protection zone.

1*61 SILENT BURGLARY ALARM

1*62 SILENT BURG.ALARM AUDIBLE UPON: [0]
0 = upon communication failure; 1 = upon alarm sounder timeout

1*63 ZONE 1-9 RESPONSE TIME [0]
0 = 360mS; 1 = 720mS; Note that field *14 Fast/Slow Response for zone 9 supersedes this selection if *14 is set for fast response. If set for slow response, this field defines the type of slow response.

1*64 DELAY EXTERNAL SOUNDER

1*65 PROGRAM MODE AT POWER UP [0] ☐

Enter 0 to allow entry to program mode via power up method.
Enter 1 to disable (prohibit) entry into program mode from the
keypad using the [*] + [#] keys within 30 seconds of power up
method. Entry to program mode can then be gained by entering
the installer code + 8-0-0, provided that exit from program mode
was via *99. **IMPORTANT:** If exit from program mode was via
*98, and this option is selected, the only way to access program
mode is via the downloader.

1*70 EVENT LOG TYPES ☐ ☐ ☐ ☐ ☐

0=disable; 1=enable logging; Alrm Chck Byps O/C Systm

1*71 12/24 HOUR TIME STAMP FORMAT [0] ☐

0=12 hour; 1=24 hour

1*72 EVENT LOG PRINTER ON-LINE [0] ☐

0=disable; 1=enable

1*73 PRINTER BAUD RATE 1=300; 0=1200 [0] ☐

1*74 RELAY TIMEOUT XX MINUTES [000] ☐☐

Enter the relay timeout, **0-127** in multiples of 2 minutes, desired for
#80 Menu Mode time driven event relay command numbers "04/09"
and #93 Menu Mode Relay Programming output command "56".

1*75 RELAY TIMEOUT YY SECONDS [000] ☐☐

Enter the relay timeout, **0-127** seconds, desired for #80 Menu
Mode time driven event relay command numbers "05/10" and
#93 Menu Mode Relay Programming command "57".

1*76 ACCESS CONTROL FOR PARTITIONS

3rd Page Programming Fields
(press *94) PARTITIONING SETUP FIELDS

**Refer to the PARTITION-SPECIFIC program fields
for programming each partition's variable
characteristics.**

2*00 NUMBER OF PARTITIONS [1] ☐

Enter 1-8

2*01 DAYLIGHT SAVINGS TIME [04, 10] ☐ ☐

START/END MONTH   Start   End
00-12; if no daylight savings time, enter 00,00

2*02 DAYLIGHT SAVINGS TIME [1, 5] ☐

START/END WEEKEND #   Start I End
Enter 1-7. 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next to
last; 7=3rd from last [1,5; 1st Sunday in April, last in Oct.]

2*05 AUTO-ARM DELAY ☐

2*06 AUTO-ARM WARNING PERIOD ☐

2*07 AUTO-DISARM DELAY ☐

2*08 ENABLE FORCE ARM FOR AUTO-ARM ☐

**2*09 ENABLE OPEN/CLOSE REPORTS
BY EXCEPTION** ☐

**2*10 ALLOW DISARMING ONLY DURING
ARMING/DISARMING WINDOWS** ☐

2*11 ALLOW DISARM OUTSIDE WINDOW [0] ☐

IF ALARM OCCURS
Used only if field 2*10 (partition-specific field) is set to "1". If
this field is enabled ("1") the system can be disarmed outside
the disarm window if an alarm has occurred. If "0", disarming
can only be done during the disarm window. If field 2*10 is set
to "0" for a partition, this field has no effect for that partition.

SCHEDULING RELATED DIALER REPORTS

2*13   2*14
1st Digit 2nd Digit .

☐	☐	Early opening report code
☐	☐	Early closing report code
☐	☐	Late opening report code
☐	☐	Late closing report code
☐	☐	No opening (late to open) report code
☐	☐	No closing (late to close) report code
☐	☐	Auto-arm failure report code
☐	☐	Access schedule changed report code

2*17 NUMBER OF CODES PER PARTITION

Enter 01-99. Total must be less than or equal to 128.

1 ☐ [99]
2 ☐ [01]
3 ☐ [01]
4 ☐ [01]
5 ☐ [01]
6 ☐ [01]
7 ☐ [01]
8 ☐ [01]

2*18 ENABLE GOTO FOR THIS PARTITION ☐

2*19 USE PARTITION DESCRIPTORS [0] ☐

0=disable; 1=enable

2*20 ENABLE J7 TRIGGERS BY PARTITION ☐

2*21 ENABLE SUPERVISION PULSES FOR LRR

TRIGGER OUTPUTS [000] ☐☐

Used for supervised connection to 7920SE.   F   B   S
Enter 0 to disable or 1 to enable the listed outputs.
F= Fire; B= Burglary; S= Silent panic/duress

SUMMARY OF PROGRAMMING COMMANDS

- **To enter program mode,** enter installer code +
  [8] + [0] + [0]
- **To set standard defaults,** press *97
- **To set communication defaults,** press *94 +
  one of the following: *80=low speed; *81=Ademco
  Express; *82=Ademco High Speed;
  *83=Ademco's Contact ID
- **To change to next page of program fields,**
  press *94
- **To return to previous set of fields,** press
  *99
- **To erase account & phone number field
  entries,** press [*] + field number + [*]
- **To assign zone descriptors,** press #93 +
  follow menu prompts
- **To add custom words,** press #93 + follow
  menu prompts
- **To enter Installer's Message,** press #93 +
  follow menu prompts
- **To exit program mode,** press *99 OR *98: *99
  allows re-access to programming mode by installer
  code. *98 prevents re-access to programming
  mode by installer code.

PARTITION-SPECIFIC FIELDS

(Duplicate this page for each partition in the installation.)

To program these fields,
1. Press *91 to select a partition.
2. Enter a partition-specific field number (ex. *09).
3. Repeat steps 1 & 2 for each partition in the system.
4. To return to the global program fields, press *99.

PARTITION #____ PROGRAM FIELDS

| 1st Page Fields |

*09   ENTRY DELAY #1   [02] [I]
00-15 times 15 seconds
Maximum 3 for UL Listed installations.

*10   EXIT DELAY #1   [03] [I]
00-15 times 15 seconds
Maximum 4 for UL Listed installations.

*11   ENTRY DELAY #2   [06] [I]
00-15 times 15 seconds
Maximum 3 for UL Listed installations.

*12   EXIT DELAY #2   [08] [I]
00-15 times 15 seconds
Maximum 4 for UL Listed installations.

*13   ALARM SOUNDER DURATION   [04] [I]
01-15 times 2 minutes. Minimum 4 minutes for UL.

*16   CONFIRMATION OF ARMING DING   [0] [ ]
0=disable; 1=enable;

*22   KEYPAD PANIC ENABLES   [001] [ ] [ ] [ ]
0=disable ; 1=enable;   95   96   99

*23   MULTIPLE ALARMS   [1] [ ]
0=no ; 1=yes;

*29   QUICK ARM   [1] [ ]
0=no ; 1=yes;

*32   PRIMARY SUBSCRIBER ACCT #
[I] [I] [I] [I]
Enter 00-09; B-F (11-15)   [15 15 15 15]

*38   PREVENT ZONE XX BYPASS   [00] [I]
01-86; 00 if all zones (except Fire zones) can be bypassed

*39   ENABLE OPEN/CLOSE REPORT   [0] [ ]
     FOR INSTALLER CODE
0=disable; 1=enable;

*84   SWINGER SUPPRESSION   [15] [I]
01-15 alarms; Must be "00" (disabled) for UL.

*85   ENABLE DIALER REPORTS   [0] [ ] [ ] [ ] [ ]
     FOR PANICS & DURESS   95 96 99 Duress
0=disable; 1=enable;

*87   ENTRY WARNING   [1] [ ]
0=3 beeps; 1=continuous;

*88   BURG. ALARM COMM. DELAY   [0] [I]
0=no delay; 1=16 seconds;

*90   SECONDARY SUBSCRIBER ACCT #
[I] [I] [I] [I]
Enter 00-09; B-F (11-15)   [15 15 15 15]

| 2nd Page Fields |

1*43   PERM. KEYPAD BACKLIGHT   [0] [ ]
0=disable ; 1=enable; When disabled, display lights when any
key is pressed, and turns off after period of keypad inactivity.

1*45   EXIT DELAY SOUNDING   [0] [ ]
0=disable ; 1=enable; Produces quick beeping during exit
delay if enabled.

1*47   CHIME ON EXTERNAL SIREN   [0] [ ]
0=disable; 1=enable;

1*52   SEND CANCEL IF ALARM + OFF   [0] [ ]
0=within Bell Timeout period only; 1=no restriction;

1*61   SILENT BURGLARY ALARM   [0] [ ]
0 = external sounding; Enter 1 for silent alarms;

1*64   DELAYED EXTERNAL SOUNDER   [0] [ ]
0 = instant sounding; 1 = 16 seconds;

1*76   ACCESS CONTROL RELAY FOR PART.[00] [I]
Relay will be pulsed for 2 seconds whenever code + [0] is
pressed. Enter 00-16; 00=none

| 3rd Page Fields |

2*05   AUTO-ARM DELAY   [15] [ ]
Enter the time between the end of the arming window and the
start of auto-arming warning period, in values of 1-14 times 4
minutes 00=instant; [15=no auto arm at all]. When this delay
expires, the Auto-Arm Warming Period begins.

2*06   AUTO-ARM WARNING PERIOD   [00] [ ]
This is the time during which the user is warned to exit the
premises prior to the auto-arming of the system (beeps every
15 seconds; "ALERT" displayed). Enter 01-15 minutes.
00=instant at end of arming delay .

2*07   AUTO-DISARM DELAY   [15] [ ]
This is the time between the end of the disarming window and
the start of auto-disarming. Enter 01-14 times 4 minutes;
00=instant at end of window; 15=no auto-disarm.

2*08   ENABLE FORCE ARM FOR AUTO-ARM   [0] [ ]
0=disable; 1=enable

2*09   OPEN/CLOSE REPORTS BY EXCEPTION [0] [ ]
0=disable; 1=enable; If enabled, only openings and closings
occurring outside the scheduled opening/closing windows will
trigger dialer reports. Opening reports will also be suppressed
during the closing window, in order to prevent false reports
when the user arms the system and then reenters the
premises to retrieve a forgotten item.

2*10   ALLOW DISARMING ONLY DURING   [0] [ ]
     ARMING/DISARMING WINDOWS
See system-wide field 2*11 if enabling field 2*10. This feature
adds high security to the installetion.
0=disable; 1=enable

2*18   ENABLE GOTO FOR THIS PARTITION   [0] [ ]
                              1=enable; 0=disable

2*20   ENABLE J7 TRIGGERS by PARTITION   [1] [ ]
0=disable for displayed partition; 1=enable for displayed
partition

(Duplicate this page for each partition in the installation.)

To program these fields,

1. Press *91 to select a partition.
2. Enter a partition-specific field number (ex. *09).
3. Repeat steps 1 & 2 for each partition in the system.
4. To return to the global program fields, press *99.

PARTITION #_____ PROGRAM FIELDS

1st Page Fields

***09 ENTRY DELAY #1** [02] [ ]
00-15 times 15 seconds
Maximum 3 for UL Listed installations.

***10 EXIT DELAY #1** [03] [ ]
00-15 times 15 seconds
Maximum 4 for UL Listed installations.

***11 ENTRY DELAY #2** [06] [ ]
00-15 times 15 seconds
Maximum 3 for UL Listed installations.

***12 EXIT DELAY #2** [08] [ ]
00-15 times 15 seconds
Maximum 4 for UL Listed installations.

***13 ALARM SOUNDER DURATION** [04] [ ]
01-15 times 2 minutes. Minimum 4 minutes for UL.

***16 CONFIRMATION OF ARMING DING** [0] [ ]
0=disable; 1=enable;

***22 KEYPAD PANIC ENABLES** [001] [ ] [ ] [ ]
0=disable ; 1=enable;   95   96   99

***23 MULTIPLE ALARMS** [1] [ ]
0=no ; 1=yes;

***29 QUICK ARM** [1] [ ]
0=no ; 1=yes;

***32 PRIMARY SUBSCRIBER ACCT #**
[ ] [ ] [ ] [ ]
Enter 00-09; B-F (11-15) [15 15 15 15]

***38 PREVENT ZONE XX BYPASS** [00] [ ]
01-86; 00 if all zones (except Fire zones) can be bypassed

***39 ENABLE OPEN/CLOSE REPORT** [0] [ ]
FOR INSTALLER CODE
0=disable; 1=enable;

***84 SWINGER SUPPRESSION** [15] [ ]
01-15 alarms; Must be "00" (disabled) for UL.

***85 ENABLE DIALER REPORTS** [0] [ ] [ ] [ ]
FOR PANICS & DURESS   95 96 99 Duress
0=disable; 1=enable;

***87 ENTRY WARNING** [1] [ ]
0=3 beeps; 1=continuous;

***88 BURG. ALARM COMM. DELAY** [0] [ ]
0=no delay; 1=16 seconds;

***90 SECONDARY SUBSCRIBER ACCT #**
[ ] [ ] [ ] [ ]
Enter 00-09; B-F (11-15) [15 15 15 15]

2nd Page Fields

1*43 PERM. KEYPAD BACKLIGHT [0] [ ]
0=disable ; 1=enable; When disabled, display lights when any
key is pressed, and turns off after period of keypad inactivity.

1*45 EXIT DELAY SOUNDING [0] [ ]
0=disable ; 1=enable; Produces quick beeping during exit
delay if enabled.

1*47 CHIME ON EXTERNAL SIREN [0] [ ]
0=disable; 1=enable;

1*52 SEND CANCEL IF ALARM + OFF [0] [ ]
0=within Bell Timeout period only; 1=no restriction;

1*61 SILENT BURGLARY ALARM [0] [ ]
0 = external sounding; Enter 1 for silent alarms;

1*64 DELAYED EXTERNAL SOUNDER [0] [ ]
0 = instant sounding; 1 = 16 seconds;

1*76 ACCESS CONTROL RELAY FOR PART.[00] [ ]
Relay will be pulsed for 2 seconds whenever code + [0] is
pressed. Enter 00-16; 00=none

3rd Page Fields

2*05 AUTO-ARM DELAY [15] [ ]
Enter the time between the end of the arming window and the
start of auto-arming warning period, in values of 1-14 times 4
minutes 00=instant; [15=no auto arm at all]. When this delay
expires, the Auto-Arm Warning Period begins.

2*06 AUTO-ARM WARNING PERIOD [00] [ ]
This is the time during which the user is warned to exit the
premises prior to the auto-arming of the system (beeps every
15 seconds; "ALERT" displayed). Enter 01-15 minutes.
00=instant at end of arming delay .

2*07 AUTO-DISARM DELAY [15] [ ]
This is the time between the end of the disarming window and
the start of auto-disarming. Enter 01-14 times 4 minutes;
00=instant at end of window; 15=no auto-disarm.

2*08 ENABLE FORCE ARM FOR AUTO-ARM [0] [ ]
0=disable; 1=enable

2*09 OPEN/CLOSE REPORTS BY EXCEPTION [0] [ ]
0=disable; 1=enable; If enabled, only openings and closings
occurring outside the scheduled opening/closing windows will
trigger dialer reports. Opening reports will also be suppressed
during the closing window, in order to prevent false reports
when the user arms the system and then reenters the
premises to retrieve a forgotten item.

2*10 ALLOW DISARMING ONLY DURING [0] [ ]
ARMING/DISARMING WINDOWS
See system-wide field 2*11 if enabling field 2*10. This feature
adds high security to the installation.
0=disable; 1=enable

2*18 ENABLE GOTO FOR THIS PARTITION [0] [ ]
1=enable; 0=disable

2*20 ENABLE J7 TRIGGERS by PARTITION [1] [ ]
0=disable for displayed partition; 1=enable for displayed
partition

Page 7

PROGRAMMING WITH #93 MENU MODE

NOTE: The following fields should be preset before beginning: 2*00 Number of Partitions; 1*32 receiver type. In addition, receivers should be programmed via Device programming.

After programming all system related programming fields in the usual way, press #93 while still in programming mode to display the first choice of the menu driven programming functions. Press 0 (NO) or 1 (YES) in response to the displayed menu selection. Pressing 0 will display the next choice in sequence. Menu selections are as follows:

```
ZONE PROG?
0=No    1=Yes
```
For programming the following:
• Zone Number
• Zone Response Type
• Hardwired zone
• RF Zone
• Right/left Loop Zone
• Serial number RPM zone
• Partition Number for Zone
• Dialer report code for zone

```
SERIAL PROG?
0=no    1=yes
```
For entering (learning) 5800 transmitter & serial number polling loop device serial numbers into the system.

```
ALPHA PROG?
0=no    1=yes
```
For entering alpha descriptors for the following:
• Zone Descriptors
• Installer's Message
• Custom Words
• Partition Descriptors
• Relay Descriptors

```
DEVICE PROG?
0=no    1=yes
```
For defining the following device characteristics for addressable devices, including consoles, RF receivers (4281/5881), 4285 voice module and 4204 output relay modules:
• Device Address
• Device Type
• Device's Home Partition
• Keypad Sounder Options
• Voice Module
• RF House ID

```
RELAY PROG?
0=no    1=yes
```
For defining output relay functions.

```
RLY VOICE DESCR?
0=no    1=yes
```
For entering voice descriptors to be used with voice module functions.

```
CUSTOM INDEX #?
0=no    1=yes
```
For creating custom word substitutes for voice module annunciation.

```
QUIT MENU MODE
0=no    1=yes
```
Enter 1 to return to data field programming mode.
Enter 0 to display the next menu selection.

#93 MENU MODE KEY COMMANDS

The following is a list of commands used while in the menu mode.

#93	Enters Menu mode
[*]	Serves as ENTER key. Press to have console accept entry.
[#]	Backs up to previous screen.
0	Press to answer NO
1	Press to answer YES
01-09	All data entries are 2-digit entries.
00	Returns to the QUIT MENU MODE prompt.

SPEED KEY [D] (MACROS)

General Information

The "D" key can be used to activate a string of up 16 keystrokes. These keystrokes are known as a macro and are stored in the system's memory . Typical Speed Key functions include:

- Arming sequences that involve first bypassing certain zones before arming.
- Seldom used but repeatable sequences.
- Relay activation sequences.

Programming A Speed Key (Macro)

To program a macro, enter your user code + [#] + [D]. The following appears:

> ENTER SPEEDKEY "D"
> *existing sequence displayed*

Enter up to 16 keystrokes. A speed key sequence can include different commands. Press the "D" key to separate different commands. For example, you may want to perform the following sequence.

Desired function	Keystrokes
GOTO partition 2	Enter *2
Bypass zones 10 & 11	Press bypass [6], then the zone numbers 10 & 11
Arm in maximum mode	Press maximum [4] key
Return to partition 1	Enter *1

To program that speed key sequence, type the following :

*2 [D] 61011 [D] 4 [D] *1 [D] [D]

Note that the "D" key is pressed after the "2," the last "1" and the "4," separating the different commands. Press "D" twice to complete the entry and exit.

Performaing A Speed Key Function

To execute a speed key sequence, press the "D" key. The following appears:

> ENTER USER CODE
> 0000

Enter your user code. The programmed speedkey sequence will begin automatically.

NOTES: When defining speedkey sequences, do not use the [#] key to represent Quick Arming. The system uses the code entered in response to the prompt to initiate commands in a speedkey sequence, so the quick arm key is unnecessary. The system interprets the use of the [#] key in a speedkey sequence as its designated function only (e.g. #2 is not interpreted as arm in away mode, but rather as enter house ID sniffer mode).

SYSTEM LAYOUT WORKSHEETS

As with any security system, you should first define the installation. This includes determining how many partitions will be used, how many zones per partition, and how many users per partition. You will also need to determine what peripheral devices will be needed, and basic system options such as exit/entry delays, etc. The control panel itself should be located in an area that will facilitate wire runs to all partitions, and will allow access to power and telephone circuits.

To help you layout a partitioned system, use the following worksheet. This will further simplify the programming process.

PARTITIONS					
Partition #	# of Users (99 max.*)	Descriptor (4 char max)	Prim. Sub. #	Sec. Sub. #	Alpha Default Message (32 character maximum)
Partition 1					
Partition 2					
Partition 3					
Partition 4					
Partition 5					
Partition 6					
Partition 7					
Partition 8					
Keyswitch Arming Partition Assignment (1-8):					
Wireless Keypad Partition Assignment (1-8):					
Use Partition Descriptor (yes/no)?					

* At least one user is assigned per partition, regardless of whether or not that partition is actually used. A maximum of 128 user codes can be programmed in the system.

COMMUNICATION OPTIONS BY PARTITION (enter yes/no)								
Option	part 1	part. 2	part. 3	part. 4	part. 5	part. 6	part. 7	part. 8
Swinger Suppression Count 00-15; 00=no suppression								
Cancel Report After Disarm								
Dialer Reports for Panic (* + 1)								
Dialer Reports for Panic (# + 3)								
Dialer Reports for Panic (* + #)								
Dialer Reports for Duress								
Burglary Alarm Communications Delay (16 sec.)								

SYSTEM DEFINITIONS BY PARTITION (enter values or yes/no)								
Option	part 1	part 2	part 3	part 4	part 5	part 6	part 7	part 8
Entry Delay #1 (15-225 seconds):								
Exit Delay #1 (15-225 seconds):								
Entry Delay #2 (15-225 seconds):								
Exit Delay #2 (15-225 seconds):								
Quick Arming								
Multiple Alarms per Arming								
Console Panic for zone 95 (* + 1)								
Console Panic for zone 96 (# + 3)								
Console Panic for zone 99 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout Duration (2 min. increments)								
Console Annunciation During Entry**								
Console Annunciation During Exit								
Confirmation of Arming (ding)								
Chime on External Siren								
Access Control Relay (field 1*76)								

* Can be any zone 1-86.
** no = 3 beeps   yes = continuous

DEVICES (Consoles, 4204, etc.)							
Device Address	Type	Home Partition	Sounder Option	Device Address	Type	Home Partition	Sounder Option
00				16			
01				17			
02				18			
03				19			
04				20			
05				21			
06				22			
07				23			
08				24			
09				25			
10				26			
11				27			
12				28			
13				29			
14				30			
15				31			

Type:
0 = device not used
1 = alpha console
2 = fixed-word console
3 = RF receiver
4 = Output Relay module
5 = Voice Module

Console Sounder Options
00 = no suppression
01 = suppress arm/disarm and entry/exit beeps
02 = suppress chime mode beeps only
03 = suppress arm/disarm, entry/exit and chime mode beeps

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 1-3

4-digit Security Code	Access Group 0; 1-8	Partition 1				Partition 2				Partition 3			
		2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 4-6

4-digit Security Code	Access Group 0; 1-8	Partition 4				Partition 5				Partition 6			
		2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 7 & 8

4-digit Security Code	Access Group 0; 1-8	Partition 7				Partition 8				NOTES:
		2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close	

Authority Levels:
1 = master (arm, disarm, bypass, and/or modify lower level users)
2 = manager (arm, disarm, bypass, and/or modify lower level users)
3 = operator A (arm, disarm, bypass)
4 = operator B (arm, disarm)
5 = operator C (arm, disarm only if system was armed with this code)
6 = duress code (arm, disarm, triggers silent panic alarm)
7 = limited use user (code deleted after programmed number of uses; use #84 mode to program number of uses)

ZONE DEFINITIONS FOR ZONES 1-24

Zone No.	Zone Type	Parti- tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	† Enter loop number on module (Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

Zone No.	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	†Enter loop number on module (Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
38											
39											
40											
41											
42											
43											
44											
45											
46											
47											
48											

ZONE DEFINITIONS FOR ZONES 25-48

ZONE DEFINITIONS FOR ZONES 49-72

Zone No.	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	† Enter loop number on module Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
49											_____
50											_____
51											_____
52											_____
53											_____
54											_____
55											_____
56											_____
57											_____
58											_____
59											_____
60											_____
61											_____
62											_____
63											_____
64											_____
65											_____
66											_____
67											_____
68											_____
69											_____
70											_____
71											_____
72											_____

ZONE DEFINITIONS FOR ZONES 73-86

Zone No.	Zone Type	Parti-tion (1-8)	RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	† Enter loop number on module (Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
73											_____
74											_____
75											_____
76											_____
77											_____
78											_____
79											_____
80											_____
81											_____
82											_____
83											_____
84											_____
85											_____
86											_____

Zone Types:
- 00 = zone not used
- 01 = entry/exit 1
- 02 = entry/exit 2
- 03 = perimeter
- 04 = interior (follower)
- 05 = day/night burglary
- 06 = 24 hour silent
- 07 = 24 hour audible
- 08 = 24 hour auxiliary
- 09 = supervised fire
- 10 = interior (delay)
- 11 = 24 hr. burglary
- 20 = arm stay
- 21 = arm away
- 22 = disarm
- 23 = no alarm response

PRINTER OPTIONS	
12 or 24 hour Time format	
Printer On-Line (yes/no)	
1200 or 300 baud Printer Baud Rate	

EVENT LOG TYPES		
Option	No (✔)	Yes (✔)
Alarm		
Trouble		
Bypass		
Open/Close		
System		

REPORTS TO CENTRAL STATION		
Option	No (✔)	Yes (✔)
Armed Stay		
Time/Date & Log Reset		
Event Log 50% & 90% Full		
Event Log Overflow		

First Alert PROFESSIONAL SECURITY SYSTEMS

First Alert Professional
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