

4140XMP PROGRAMMING FORM

DEFAULT VALUES ARE SHOWN IN BRACKETS []; OTHERWISE DEFAULT = 0

SECURITY ACCESS OPTIONS

*00 INSTALLER CODE
 Enter 4 digits, 0-9 (4140)

*01 MASTER SECURITY CODE
 Enter 4 digits, 0-9 (1234) See *54 for 6-digit enable

*15 KEYSWITCH ENABLE 1=enable; [0=disable]

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

1*50 BABYSITTER CODE 1=enable; [0=disable]; (User 22)

1*54 HIGH SECURITY MODE 1=6-digit high security; [0=4-digit normal]

EXIT/ENTRY DELAY OPTIONS

*09 ENTRY DELAY #1 [02] (00-15 times 15 seconds)

*10 EXIT DELAY #1 [03] (00-15 times 15 seconds)

*11 ENTRY DELAY #2 [06] (00-15 times 15 seconds)

*12 EXIT DELAY #2 [08] (00-15 times 15 seconds)

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

1*45 ENABLE CONSOLE 1=enable; [0=disable]

ANNUN. DURING EXIT DELAY

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

*02	*03	*04	*05	1*01	1*02	1*03	1*04	1*05	1*08	1*09	
1 <input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>	28 <input type="text"/>	33 <input type="text"/>	41 <input type="text"/>	49 <input type="text"/>	57 <input type="text"/>	NU 0 0	89 <input type="text"/>	2nd RCVR
2 <input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>	29 <input type="text"/>	34 <input type="text"/>	42 <input type="text"/>	50 <input type="text"/>	58 <input type="text"/>	NU 0 0	90 <input type="text"/>	1st RCVR
3 <input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>	30 <input type="text"/>	35 <input type="text"/>	43 <input type="text"/>	51 <input type="text"/>	59 <input type="text"/>	NU 0 0	91 <input type="text"/>	1st RCVR
4 <input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0 0	31 <input type="text"/>	36 <input type="text"/>	44 <input type="text"/>	52 <input type="text"/>	60 <input type="text"/>	NU 0 0	For UL applications, use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as applicable (type 5).	
5 <input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/>	32 <input type="text"/>	37 <input type="text"/>	45 <input type="text"/>	53 <input type="text"/>	61 <input type="text"/>	NU 0 0		
6 <input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/>	(1+*)	38 <input type="text"/>	46 <input type="text"/>	54 <input type="text"/>	62 <input type="text"/>	NU 0 0		
7 <input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/>	(3+*)	39 <input type="text"/>	47 <input type="text"/>	55 <input type="text"/>	63 <input type="text"/>	NU 0 0		
8 <input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/>	(***)	40 <input type="text"/>	48 <input type="text"/>	56 <input type="text"/>	64 <input type="text"/>	88 <input type="text"/>	2nd RCVR	

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

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;

DESIGNATE RIGHT LOOP FOR MULTIPLEX EXPANSION

1=yes; [0=no]																	
*06 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*10 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ZONES: 10	11	12	13	14	15	16	ZONES: 33	34	35	36	37	38	39	40			
*07 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*11 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ZONES: 17	18	19	20	21	22	23	34	ZONES: 41	42	43	44	45	46	47	48		
*08 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1*12 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
ZONES: 25	26	27	28	29	30	31	32	ZONES: 49	50	51	52	53	54	55	56		
*24 4190WH TAMPER DISABLE <input type="checkbox"/> 1=disable; [0=enable]								1*13 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							ZONES: 57	58	59	60	61	62	63	64			
*86 ZONE EXPANDER DEVICE <input type="checkbox"/> 1=only one 4208 installed for zones 10-17; [0=more than one 4208 or other devices]																	

SELECTION OF WIRELESS FOR ZONES 1-63

Enter "1" to enable a zone as wireless; 0=non-wireless

1*18 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 1	2	3	4	5	6	7	8
1*19 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 9	10	11	12	13	14	15	16
1*20 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 17	18	19	20	21	22	23	24
1*21 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 25	26	27	28	29	30	31	32
1*22 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 33	34	35	36	37	38	39	40
1*23 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 41	42	43	44	45	46	47	48
1*24 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 49	50	51	52	53	54	55	56
1*25 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ZONES: 57	58	59	60	61	62	63	

MISCELLANEOUS WIRELESS OPTIONS

1*26 FIRST RF RECEIVER SELECT 1=yes; [0=no]

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

1*28 RF TRANSMITTER LOW 1=immediate; [0=when disarmed]
 BATTERY ANNUN. Must be "1" for UL

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

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

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

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

1*48 WIRELESS KEYPAD DISABLE 1=disable; [0=enable]

1*49 DISABLE TROUBLE SOUNDER
 FOR RF SUPERVISION [1=disable]; 0=enable. Must be "0" for UL.

SOUNDER OPTIONS

- *13 ALARM SOUNDER DURATION
 01-15 times 2 minutes [04]. Minimum 4 minutes for UL.
- *16 CONFIRMATION OF ARMING DING
 1=enable; [0=disable]
- *21 DISABLE FIRE TIME-OUT 1=no timeout; [0=fire timeout]
- *23 MULTIPLE ALARMS [1=yes; 0=no]
- 1*47 ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER 1=enable; [0=disable]

AC LOSS OPTIONS

- *17 AC POWER LOSS SOUNDING 1=yes; [0=no]
- *18 AC POWER LOSS ALARM 1=yes; [0=no]
- *19 AC RANDOMIZE 1=randomize 10-40 min.; [0=no]
- *28 POWER UP IN PREVIOUS STATE [1=yes; 0=no; *1 for UL]

TEST TIMER OPTIONS

- *26 INTELLIGENT TEST REPORTING Set "0" for UL
1=yes, (no report sent if any other report was recently sent); [0=no]
- *27 TEST REPORT INTERVAL
Enter interval in hours, 001-199; 000=no report [024]; Max. 024 for UL.
- *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)

MISCELLANEOUS SYSTEM OPTIONS

- *14 ZONE 9 FAST/SLOW RESP. 1=fast; [0= slow]; "0" for UL.
- *38 INHIBIT BYPASS OF A ZONE
01-31; [00 if all zones (except Fire zones) can be bypassed]
- *41 EOLR DISABLE (Zones 2-8)
[1=N.C.loops; 0=EOLR supervision; Must be "0" for UL.
- 1*46 AUXILIARY OUTPUT ENABLE
[0=ground start; 1=open/close trigger; 2=console sounding]

PHONE LINE & COMMUNICATOR OPTIONS

- *30 TOUCH-TONE OR ROTARY DIAL
 1=TouchTone; [0=rotary]
- 1*33 TOUCH-TONE W/ROTARY BACKUP ENABLE 1=enable; [0=disable]
- *31 PABX ACCESS CODE
 00-09; B-F (11-15)
- *32 PRIMARY SUBSCRBR ACCT #
 Enter 00-09; B-F (11-15) [15 15 15 15]
- *90 SCNDRY SUBSCRIBER ACCT #
 Enter 00-09; B-F (11-15) [15 15 15 15]
- *33 PRIMARY PHONE NUMBER
 Enter 0-9 for each digit
- *34 SECONDARY PHONE NUMBER
 Enter 0-9 for each digit
- *42 DIAL TONE PAUSE
 [0=5 seconds; 1=11 seconds; 2=30 seconds; Must be "0" for UL.
- *43 DIAL TONE DETECTION
 [1=wait for true dial tone; 0=pause, then dial]
- *45 PRIMARY FORMAT
 [0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express]
- *46 LOW SPEED FORMAT (Primary)
 [0=Ademco Low Speed]; 1=Sescoa/Radionics
- *47 SECONDARY FORMAT
 [0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express]
- *48 LOW SPEED FORMAT (Sec.)
 [0=Ademco Low Speed]; 1=Sescoa/Radionics
- *49 CHECKSUM VERIFICATION
 1=yes; [0=no] Primary Secondary
- *50 SESCOA/RADIONICS SELECT
 1=Sescoa; [0=Radionics]
- 1*52 CANCEL REPORT RESTRICTION
 1=no restriction; [0=within Bell Timeout period only]
- *51 DUAL REPORTING
 1=yes; [0=no] If used with Split 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, open/close and test messages go to both lines, while all other reports go to primary.
- 1*34 COMM. SPLIT REPORT SELECTION
 [0=no]; 1=alarms primary, others secondary; 2=open/close, test secondary, others primary; See *51 for comments.
- *52 STANDARD/EXPANDED REPORT FOR PRIMARY
 Alarm Rstr Bypass Trbl Opr/Cls Low Bat
[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.
- *53 STANDARD/EXPANDED REPORT FOR SECONDARY
 Alarm Rstr Bypass Trbl Opr/Cls Low Bat
[0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.
- *84 SWINGER SUPPRESSION
 01-15 alarms [15]; Must be "00" (disabled) for UL.
- *88 BURG. ALARM COMM. DELAY
 1=15 seconds; [0=no delay]

DOWNLOADING OPTIONS

- *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]
- *37 DOWNLOAD COMMAND ENABLES
 [1=enable]; 0=disable
See field 1*53 for Callback disable option
For UL installations, Upload & Download must be enabled. All others must be disabled.
Dialer Shutdown System Shutdown Not Used Remote Bypass Remote Disarm Remote Arm Upload Program Download Program
- *44 RING DETECTION COUNT
 01-14; 15=answering machine; [0=no detection]
- 1*53 DOWNLOAD CALLBACK
 1=callback not required; [0=callback required]; Must be "0" for UL.

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

*54 CODE	*55 ID	*56 CODE	*57 ID	*58	*59 CODE	*60 ID	*61 CODE	*62 ID	*63
1		9		<input type="checkbox"/> Alarm Rst.	17		25		<input type="checkbox"/> Alarm Rst.
2		10		<input type="checkbox"/> Trouble	18		26		<input type="checkbox"/> Trouble
3		11		<input type="checkbox"/> Trble Rst.	19		27		<input type="checkbox"/> Trble Rst.
4		12		<input type="checkbox"/> Bypass	20		28		<input type="checkbox"/> Bypass
5		13		<input type="checkbox"/> Bypas Rst.	21		29		<input type="checkbox"/> Bypas Rst.
6		14			22		30		
7		15			23		31		
8		16			24		32		

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

*64 CODE	*65 ID	*66 CODE	*67 ID	*68	*69 CODE	*70 ID	*71 CODE	*72 ID	*73
33		41		<input type="checkbox"/> Alarm Rst.	49		57		<input type="checkbox"/> Alarm Rst.
34		42		<input type="checkbox"/> Trouble	50		58		<input type="checkbox"/> Trouble
35		43		<input type="checkbox"/> Trble Rst.	51		59		<input type="checkbox"/> Trble Rst.
36		44		<input type="checkbox"/> Bypass	52		60		<input type="checkbox"/> Bypass
37		45		<input type="checkbox"/> Bypas Rst.	53		61		<input type="checkbox"/> Bypas Rst.
38		46			54		62		
39		47			55		63		
40		48			56		64		

ALARM REPORT CODE & ID DIGITS FOR RF RCVRs & PANICS & THEIR SUPV & RESTORE CODES
 [All codes default to 00]

*74 CODE	*75 ID	*76 CODE	*77 ID	*78
NU 0 0	0 0	89		<input type="checkbox"/> Alarm Rst.
NU 0 0	0 0	90		<input type="checkbox"/> Trouble
NU 0 0	0 0	91		<input type="checkbox"/> Trble Rst.
NU 0 0	0 0	Dures		<input type="checkbox"/> Bypass
NU 0 0	0 0	97		<input type="checkbox"/> Bypas Rst.
NU 0 0	0 0	95	(1 + #)	
NU 0 0	0 0	96	(3 + #)	
88		99	(* + #)	

SYSTEM NON ALARM CODES

	*81	*82	
	First Digit	Second Digit	
Close	<input type="checkbox"/>	<input type="checkbox"/>	Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.
Open	<input type="checkbox"/>	<input type="checkbox"/>	
Low Battery	<input type="checkbox"/>	<input type="checkbox"/>	
Low Bat Res.	<input type="checkbox"/>	<input type="checkbox"/>	
AC Loss	<input type="checkbox"/>	<input type="checkbox"/>	
AC Restore	<input type="checkbox"/>	<input type="checkbox"/>	
Test	<input type="checkbox"/>	<input type="checkbox"/>	
Power	<input type="checkbox"/>	<input type="checkbox"/>	
Cancel	<input type="checkbox"/>	<input type="checkbox"/>	
Prog. Tamper	<input type="checkbox"/>	<input type="checkbox"/>	

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

ZONE TYPE RESTORE ENABLES

1=enable; 0=disable

*79 ZONE TYPES 1-8

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8

*80 ZONE TYPES 9 & 10

<input type="checkbox"/>	<input type="checkbox"/>
9	10

OPEN/CLOSE REPORT ENABLES

1=enable; 0=disable [User 1 enabled]

*39

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8

*40

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	10	11	12	13	14	15	16

1*00

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	18	19	20	21	22	23-70

INDEX TO PROGRAM FIELDS

FLD	FUNCTION	SECTION	FLD	FUNCTION	SECTION
*00	INSTALLER CODE	ACCESS OPTS	*54-78	REPORT CODES FOR ZONES 1-64	ALARM CODES
*01	MASTER SECURITY CODE	ACCESS OPTS	*79-80	ZONE TYPE RESTORE ENABLES	ZONE TYPE REST.
*02	RESPONSE TYPE FOR ZONES 1-8	RESPONSE TYPES	*81-82	SYSTEM NON-ALARM CODES	SYSTEM CODES
*03	RESPONSE TYPE FOR ZONES 9-16	RESPONSE TYPES	*83	FIRST TEST REPORT TIME	TEST TIMER
*04	RESPONSE TYPE FOR ZONES 17-24	RESPONSE TYPES	*84	SWINGER SUPPRESSION	PHONE LINE/COMM.
*05	RESPONSE TYPE FOR ZONES 25-27	RESPONSE TYPES	*86	ZONE EXPANDER DEVICE	RIGHT LOOP
*06	RIGHT LOOP FOR ZONES: 10-16	RIGHT LOOP	*87	ENTRY WARNING	ENTRY/EXIT
*07	RIGHT LOOP FOR ZONES: 17-24	RIGHT LOOP	*88	BURG. ALARM COMM. DELAY	PHONE LINE/COMM.
*08	RIGHT LOOP FOR ZONES: 25-32	RIGHT LOOP	*90	SECONDARY SUBSCRIBER ACCT	PHONE LINE/COMM.
*09	ENTRY DELAY #1	EXIT/ENTRY	1*00	OPEN/CLOSE REPORTING ENABLE BY USERS 17-70	OPEN/CLOSE REP.
*10	EXIT DELAY #1	EXIT/ENTRY	1*01	RESPONSE TYPE FOR ZONES 28-32	RESPONSE TYPES
*11	ENTRY DELAY #2	EXIT/ENTRY	1*02	RESPONSE TYPE FOR ZONES 33-40	RESPONSE TYPES
*12	EXIT DELAY #2	EXIT/ENTRY	1*03	RESPONSE TYPE FOR ZONES 41-48	RESPONSE TYPES
*13	ALARM SOUNDER DURATION	SOUNDER OPTS	1*04	RESPONSE TYPE FOR ZONES 49-56	RESPONSE TYPES
*14	ZONE 9 FAST/SLOW RESPONSE	MISC SYSTEM OPTS	1*05	RESPONSE TYPE FOR ZONES 57-64	RESPONSE TYPES
*15	KEYSWITCH ENABLE	ACCESS OPTS	1*08	RESPONSE TYPE FOR ZONE 88	RESPONSE TYPES
*16	CONFIRMATION OF ARMING DING	SOUNDER OPTS	1*09	RESPONSE TYPE FOR ZONES 89-91	RESPONSE TYPES
*17	AC POWER LOSS SOUNDING	AC LOSS OPTS	1*10	RIGHT LOOP FOR ZONES:33-40	RIGHT LOOP
*18	AC POWER LOSS ALARM	AC LOSS OPTS	1*11	RIGHT LOOP FOR ZONES:41-48	RIGHT LOOP
*19	AC RANDOMIZE	AC LOSS OPTS	1*12	RIGHT LOOP FOR ZONES:49-56	RIGHT LOOP
*21	DISABLE FIRE TIME-OUT	SOUNDER OPTS	1*13	RIGHT LOOP FOR ZONES:57-64	RIGHT LOOP
*23	MULTIPLE ALARMS	SOUNDER OPTS	1*18	SELECT WIRELESS FOR ZONES 1-8	SELECT WIRELESS
*24	4190WH TAMPER DISABLE	RIGHT LOOP	1*19	SELECT WIRELESS FOR ZONES 9-16	SELECT WIRELESS
*26	INTELLIGENT TEST REPORTING	TEST TIMER	1*20	SELECT WIRELESS ZONES 17-24	SELECT WIRELESS
*27	TEST REPORT INTERVAL	TEST TIMER	1*21	SELECT WIRELESS ZONES 25-32	SELECT WIRELESS
*28	POWER UP IN PREVIOUS STATE	AC LOSS OPTS	1*22	SELECT WIRELESS ZONES 33-40	SELECT WIRELESS
*29	QUICK ARM	ACCESS OPTS	1*23	SELECT WIRELESS ZONES 41-48	SELECT WIRELESS
*30	TOUCH-TONE OR ROTARY DIAL	PHONE LINE/COMM.	1*24	SELECT WIRELESS ZONES 49-56	SELECT WIRELESS
*31	PABX ACCESS CODE	PHONE LINE/COMM.	1*25	SELECT WIRELESS FZONES 57-63	SELECT WIRELESS
*32	PRIMARY SUBSCRIBER ACCT #	PHONE LINE/COMM.	1*26	1st RF RECEIVER EXPSELECT	MISC WIRELESS
*33	PRIMARY PHONE NUMBER	PHONE LINE/COMM.	1*27	2nd RF RECEIVER EXP SELECT	MISC WIRELESS
*34	SECONDARY PHONE NUMBER	PHONE LINE/COMM.	1*28	RF TRANSMITTER LOW	MISC WIRELESS
*35	DOWNLOAD PHONE No.	DOWNLOADING	1*29	RF TRANS. LOW BATTERY ANNUN	MISC WIRELESS
*36	DOWNLOAD ID No.	DOWNLOADING	1*30	RF RECEIVER SUPERVISION	MISC WIRELESS
*37	DOWNLOAD COMMAND ENABLES	DOWNLOADING	1*31	RF TRANS.CHECK-IN INTERVAL	MISC WIRELESS
*38	INHIBIT BYPASS OF ONE ZONE	MISC SYSTEM OPTS	1*33	TOUCHTONE DIAL W/ROTARY BACK-UP ENABLE	PHONE LINE/COMM.
*39	OPEN/CLOSE REPORTING ENABLE BY USERS 1-8	OPEN/CLOSE REP.	1*34	COMMUNICATOR SPLIT REPORT NG	PHONE LINE/COMM.
*40	OPEN/CLOSE REPORTING ENABLE BY USERS 9-16	OPEN/CLOSE REP.	1*44	WIRELESS KEYPAD	MISC WIRELESS
*41	EOLR DISABLE (Zones 2-8)	MISC SYSTEM OPTS	1*45	ENABLE CONSOLE ANNUN. DURING EXIT DELAY	EXIT/ENTRY
*42	DIAL TONE PAUSE	PHONE LINE/COMM.	1*46	AUXILIARY OUTPUT ENABLE	MISC SYSTEM OPTS
*43	DIAL TONE DETECTION	PHONE LINE/COMM.	1*47	ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER	SOUNDER OPTS
*44	RING DETECTION COUNT	DOWNLOADING	1*48	WIRELESS KEYPAD DISABLE TAMPER DETECT ENABLE	MISC WIRELESS
*45	PRIMARY FORMAT	PHONE LINE/COMM.	1*49	DISABLE TROUBLE SOUNDER FOR RF SUPERVISION	MISC WIRELESS
*46	LOW SPEED FORMAT	PHONE LINE/COMM.	1*50	BABYSITTER CODE ENABLE	ACCESS OPTS
*47	SECONDARY FORMAT	PHONE LINE/COMM.	1*52	CANCEL REPORT RESTRICTION	PHONE LINE/COMM.
*48	LOW SPEED FORMAT (Sec.)	PHONE LINE/COMM.	1*53	DOWNLOAD CALLBACK	DOWNLOADING
*49	CHECKSUM VERIFICATION	PHONE LINE/COMM.	1*54	SECURITY CODE MODE	ACCESS OPTS
*50	SESCO/RADIONICS SELECT	PHONE LINE/COMM.			
*51	DUAL REPORTING	PHONE LINE/COMM.			
*52	STANDARD/EXP REPORT PRIMARY	PHONE LINE/COMM.			
*53	STANDARD/EXP REPORT SECNDRY	PHONE LINE/COMM.			

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 set 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 + zone number
- To add custom words, press *93 + 00 + word number (1-20)
- To enter installer's Message, press *93 + 00 + 00
- 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.