

# 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"/>	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"/>	
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"/>	
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"/>	
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"/>
								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.



**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		Alarm Rst.	17		25		Alarm Rst.
2		10		Trouble	18		26		Trouble
3		11		Trble Rst.	19		27		Trble Rst.
4		12		Bypass	20		28		Bypass
5		13		Bypas Rst.	21		29		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		Alarm Rst.	49		57		Alarm Rst.
34		42		Trouble	50		58		Trouble
35		43		Trble Rst.	51		59		Trble Rst.
36		44		Bypass	52		60		Bypass
37		45		Bypas Rst.	53		61		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		Alarm Rst.
NU 0 0	0 0	90		Trouble
NU 0 0	0 0	91		Trble Rst.
NU 0 0	0 0	Dures		Bypass
NU 0 0	0 0	97		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			Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.
Open			
Low Battery			
Low Bat Res.			
AC Loss			
AC Restore			
Test			
Power			
Cancel			
Prog. Tamper			

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

1	2	3	4	5	6	7	8

\*80 ZONE TYPES 9 & 10

9	10

**OPEN/CLOSE REPORT ENABLES**

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

\*39

1	2	3	4	5	6	7	8

\*40

9	10	11	12	13	14	15	16

1\*00

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.