

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 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

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 ANNUN. DURING EXIT DELAY 1=enable; [0=disable]

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" value=""/> <input type="text" value=""/>	9 <input type="text" value=""/> <input type="text" value=""/>	17 <input type="text" value=""/> <input type="text" value=""/>	25 <input type="text" value=""/> <input type="text" value=""/>	28 <input type="text" value=""/> <input type="text" value=""/>	33 <input type="text" value=""/> <input type="text" value=""/>	41 <input type="text" value=""/> <input type="text" value=""/>	49 <input type="text" value=""/> <input type="text" value=""/>	57 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	89 <input type="text" value=""/> <input type="text" value=""/> 2nd RCVR
2 <input type="text" value=""/> <input type="text" value=""/>	10 <input type="text" value=""/> <input type="text" value=""/>	18 <input type="text" value=""/> <input type="text" value=""/>	26 <input type="text" value=""/> <input type="text" value=""/>	29 <input type="text" value=""/> <input type="text" value=""/>	34 <input type="text" value=""/> <input type="text" value=""/>	42 <input type="text" value=""/> <input type="text" value=""/>	50 <input type="text" value=""/> <input type="text" value=""/>	58 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	90 <input type="text" value=""/> <input type="text" value=""/> 1st RCVR
3 <input type="text" value=""/> <input type="text" value=""/>	11 <input type="text" value=""/> <input type="text" value=""/>	19 <input type="text" value=""/> <input type="text" value=""/>	27 <input type="text" value=""/> <input type="text" value=""/>	30 <input type="text" value=""/> <input type="text" value=""/>	35 <input type="text" value=""/> <input type="text" value=""/>	43 <input type="text" value=""/> <input type="text" value=""/>	51 <input type="text" value=""/> <input type="text" value=""/>	59 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	91 <input type="text" value=""/> <input type="text" value=""/> 1st RCVR
4 <input type="text" value=""/> <input type="text" value=""/>	12 <input type="text" value=""/> <input type="text" value=""/>	20 <input type="text" value=""/> <input type="text" value=""/>	0 0	31 <input type="text" value=""/> <input type="text" value=""/>	36 <input type="text" value=""/> <input type="text" value=""/>	44 <input type="text" value=""/> <input type="text" value=""/>	52 <input type="text" value=""/> <input type="text" value=""/>	60 <input type="text" value=""/> <input type="text" value=""/>	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" value=""/> <input type="text" value=""/>	13 <input type="text" value=""/> <input type="text" value=""/>	21 <input type="text" value=""/> <input type="text" value=""/>	97 <input type="text" value=""/> <input type="text" value=""/>	32 <input type="text" value=""/> <input type="text" value=""/>	37 <input type="text" value=""/> <input type="text" value=""/>	45 <input type="text" value=""/> <input type="text" value=""/>	53 <input type="text" value=""/> <input type="text" value=""/>	61 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	
6 <input type="text" value=""/> <input type="text" value=""/>	14 <input type="text" value=""/> <input type="text" value=""/>	22 <input type="text" value=""/> <input type="text" value=""/>	95 <input type="text" value=""/> <input type="text" value=""/> (1+*)	38 <input type="text" value=""/> <input type="text" value=""/>	38 <input type="text" value=""/> <input type="text" value=""/>	46 <input type="text" value=""/> <input type="text" value=""/>	54 <input type="text" value=""/> <input type="text" value=""/>	62 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	
7 <input type="text" value=""/> <input type="text" value=""/>	15 <input type="text" value=""/> <input type="text" value=""/>	23 <input type="text" value=""/> <input type="text" value=""/>	96 <input type="text" value=""/> <input type="text" value=""/> (3+*)	39 <input type="text" value=""/> <input type="text" value=""/>	39 <input type="text" value=""/> <input type="text" value=""/>	47 <input type="text" value=""/> <input type="text" value=""/>	55 <input type="text" value=""/> <input type="text" value=""/>	63 <input type="text" value=""/> <input type="text" value=""/>	NU 0 0	
8 <input type="text" value=""/> <input type="text" value=""/>	16 <input type="text" value=""/> <input type="text" value=""/>	24 <input type="text" value=""/> <input type="text" value=""/>	99 <input type="text" value=""/> <input type="text" value=""/> (*+*)	40 <input type="text" value=""/> <input type="text" value=""/>	40 <input type="text" value=""/> <input type="text" value=""/>	48 <input type="text" value=""/> <input type="text" value=""/>	56 <input type="text" value=""/> <input type="text" value=""/>	64 <input type="text" value=""/> <input type="text" value=""/>	88 <input type="text" value=""/> <input type="text" value=""/> 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	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	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.

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. 1=enable; [0=disable]
 - ON EXTERNAL ALARM SOUNDER

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]
- *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=Seccoa/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=Seccoa/Radionics
- *49 CHECKSUM VERIFICATION
 - 1=yes; [0=no]
 - Primary Secondary
- *50 SESCOA/RADIONICS SELECT
 - 1=Seccoa; [0=Radionics]
- 1*52 CANCEL REPORT RESTRICTION
 - 1=no restriction; [0=within Bell Timeout period only]
- *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]
- *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 Opn/Cls Low Bat
 - [0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.
- *53 STANDARD/EXPANDED REPORT FOR SECONDARY
 - Alarm Rstr Bypass Trbl Opn/Cls Low Bat
 - [0=standard]; 1=expanded; Note: Expanded overrides 4+2 format.
- *84 SWINGER SUPPRESION
 - 01-15 alarms [15]; Must be "00" (disabled) for UL.
- *88 BURG. ALARM COMM. DELAY
 - 1=16 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 0
 - [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 System Not Remote Remote Remote Upload Download
 - Shutdown Shutdown Used Bypass Disarm Arm Program 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		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
*00	INSTALLER CODE	ACCESS OPTS
*01	MASTER SECURITY CODE	ACCESS OPTS
*02	RESPONSE TYPE FOR ZONES 1-8	RESPONSE TYPES
*03	RESPONSE TYPE FOR ZONES 9-16	RESPONSE TYPES
*04	RESPONSE TYPE FOR ZONES 17-24	RESPONSE TYPES
*05	RESPONSE TYPE FOR ZONES 25-27	RESPONSE TYPES
*06	RIGHT LOOP FOR ZONES: 10-16	RIGHT LOOP
*07	RIGHT LOOP FOR ZONES: 17-24	RIGHT LOOP
*08	RIGHT LOOP FOR ZONES: 25-32	RIGHT LOOP
*09	ENTRY DELAY #1	EXIT/ENTRY
*10	EXIT DELAY #1	EXIT/ENTRY
*11	ENTRY DELAY #2	EXIT/ENTRY
*12	EXIT DELAY #2	EXIT/ENTRY
*13	ALARM SOUNDER DURATION	SOUNDER OPTS
*14	ZONE 9 FAST/SLOW RESPONSE	MISC SYSTEM OPTS
*15	KEYSWITCH ENABLE	ACCESS OPTS
*16	CONFIRMATION OF ARMING DING	SOUNDER OPTS
*17	AC POWER LOSS SOUNDING	AC LOSS OPTS
*18	AC POWER LOSS ALARM	AC LOSS OPTS
*19	AC RANDOMIZE	AC LOSS OPTS
*21	DISABLE FIRE TIME-OUT	SOUNDER OPTS
*23	MULTIPLE ALARMS	SOUNDER OPTS
*24	4190WH TAMPER DISABLE	RIGHT LOOP
*26	INTELLIGENT TEST REPORTING	TEST TIMER
*27	TEST REPORT INTERVAL	TEST TIMER
*28	POWER UP IN PREVIOUS STATE	AC LOSS OPTS
*29	QUICK ARM	ACCESS OPTS
*30	TOUCH-TONE OR ROTARY DIAL	PHONE LINE/COMM.
*31	PABX ACCESS CODE	PHONE LINE/COMM.
*32	PRIMARY SUBSCRIBER ACCT #	PHONE LINE/COMM.
*33	PRIMARY PHONE NUMBER	PHONE LINE/COMM.
*34	SECONDARY PHONE NUMBER	PHONE LINE/COMM.
*35	DOWNLOAD PHONE No.	DOWNLOADING
*36	DOWNLOAD ID No.	DOWNLOADING
*37	DOWNLOAD COMMAND ENABLES	DOWNLOADING
*38	INHIBIT BYPASS OF ONE ZONE	MISC SYSTEM OPTS
*39	OPEN/CLOSE REPORTING ENABLE BY USERS 1-8	OPEN/CLOSE REP.
*40	OPEN/CLOSE REPORTING ENABLE BY USERS 9-16	OPEN/CLOSE REP.
*41	EOLR DISABLE (Zones 2-8)	MISC SYSTEM OPTS
*42	DIAL TONE PAUSE	PHONE LINE/COMM.
*43	DIAL TONE DETECTION	PHONE LINE/COMM.
*44	RING DETECTION COUNT	DOWNLOADING
*45	PRIMARY FORMAT	PHONE LINE/COMM.
*46	LOW SPEED FORMAT	PHONE LINE/COMM.
*47	SECONDARY FORMAT	PHONE LINE/COMM.
*48	LOW SPEED FORMAT (Sec.)	PHONE LINE/COMM.
*49	CHECKSUM VERIFICATION	PHONE LINE/COMM.
*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.

FLD	FUNCTION	SECTION
*54-78	REPORT CODES FOR ZONES 1-64	ALARM CODES
*79-80	ZONE TYPE RESTORE ENABLES	ZONE TYPE REST.
*81-82	SYSTEM NON-ALARM CODES	SYSTEM CODES
*83	FIRST TEST REPORT TIME	TEST TIMER
*84	SWINGER SUPPRESSION	PHONE LINE/COMM.
*86	ZONE EXPANDER DEVICE	RIGHT LOOP
*87	ENTRY WARNING	ENTRY/EXIT
*88	BURG. ALARM COMM. DELAY	PHONE LINE/COMM.
*90	SECONDARY SUBSCRIBER ACCT	PHONE LINE/COMM.
1*00	OPEN/CLOSE REPORTING ENABLE BY USERS 17-70	OPEN/CLOSE REP.
1*01	RESPONSE TYPE FOR ZONES 28-32	RESPONSE TYPES
1*02	RESPONSE TYPE FOR ZONES 33-40	RESPONSE TYPES
1*03	RESPONSE TYPE FOR ZONES 41-48	RESPONSE TYPES
1*04	RESPONSE TYPE FOR ZONES 49-56	RESPONSE TYPES
1*05	RESPONSE TYPE FOR ZONES 57-64	RESPONSE TYPES
1*08	RESPONSE TYPE FOR ZONE 88	RESPONSE TYPES
1*09	RESPONSE TYPE FOR ZONES 89-91	RESPONSE TYPES
1*10	RIGHT LOOP FOR ZONES:33-40	RIGHT LOOP
1*11	RIGHT LOOP FOR ZONES:41-48	RIGHT LOOP
1*12	RIGHT LOOP FOR ZONES:49-56	RIGHT LOOP
1*13	RIGHT LOOP FOR ZONES:57-64	RIGHT LOOP
1*18	SELECT WIRELESS FOR ZONES 1-8	SELECT WIRELESS
1*19	SELECT WIRELESS FOR ZONES 9-16	SELECT WIRELESS
1*20	SELECT WIRELESS ZONES 17-24	SELECT WIRELESS
1*21	SELECT WIRELESS ZONES 25-32	SELECT WIRELESS
1*22	SELECT WIRELESS ZONES 33-40	SELECT WIRELESS
1*23	SELECT WIRELESS ZONES 41-48	SELECT WIRELESS
1*24	SELECT WIRELESS ZONES 49-56	SELECT WIRELESS
1*25	SELECT WIRELESS FZONES 57-63	SELECT WIRELESS
1*26	1st RF RECEIVER EXPSELECT	MISC WIRELESS
1*27	2nd RF RECEIVER EXP SELECT	MISC WIRELESS
1*28	RF TRANSMITTER LOW	MISC WIRELESS
1*29	RF TRANS. LOW BATTERY ANNUN	MISC WIRELESS
1*30	RF RECEIVER SUPERVISION	MISC WIRELESS
1*31	RF TRANS. CHECK-IN INTERVAL	MISC WIRELESS
1*33	TOUCHTONE DIAL W/ROTARY BACK-UP ENABLE	PHONE LINE/COMM.
1*34	COMMUNICATOR SPLIT REPORT NG	PHONE LINE/COMM.
1*44	WIRELESS KEYPAD	MISC WIRELESS
1*45	ENABLE CONSOLE ANNUN. DURING EXIT DELAY	EXIT/ENTRY
1*46	AUXILIARY OUTPUT ENABLE	MISC SYSTEM OPTS
1*47	ENABLE CHIME ANNUN. ON EXTERNAL ALARM SOUNDER	SOUNDER OPTS
1*48	WIRELESS KEYPAD DISABLE TAMPER DETECT ENABLE	MISC WIRELESS
1*49	DISABLE TROUBLE SOUNDER FOR RF SUPERVISION	MISC WIRELESS
1*50	BABYSITTER CODE ENABLE	ACCESS OPTS
1*52	CANCEL REPORT RESTRICTION	PHONE LINE/COMM.
1*53	DOWNLOAD CALLBACK	DOWNLOADING
1*54	SECURITY CODE MODE	ACCESS OPTS

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.