

- *43 DIAL TONE DETECTION [1]
1=wait for true dial tone; 0=pause, then dial
- *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]
1=yes; 0=no PrimScndry
- *50 SESCOA/RADIONICS SELECT [0]
1=Sescoa; 0=Radionics
- *51 DUAL REPORTING [0]
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, alarms go to both, open/close and test messages go to secondary only, while all other reports go to primary.
- *52 STANDARD/EXPANDED REPORT (PRIMARY)
 Alarm Rstr Bypass Trbl Opn/Cls Low Bat [0]
0=standard; 1=expanded; Note: Expanded overrides 4+2 format
- *53 STANDARD/EXPANDED REPORT (SECONDARY)
 Alarm Rstr Bypass Trbl Opn/Cls Low Bat [0]
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	<input type="checkbox"/>	<input type="checkbox"/>	9	<input type="checkbox"/> Alarm Rst.
2	<input type="checkbox"/>	<input type="checkbox"/>	10	<input type="checkbox"/> Trouble
3	<input type="checkbox"/>	<input type="checkbox"/>	11	<input type="checkbox"/> Trble Rst.
4	<input type="checkbox"/>	<input type="checkbox"/>	12	<input type="checkbox"/> Bypass
5	<input type="checkbox"/>	<input type="checkbox"/>	13	<input type="checkbox"/> Bypss Rst.
6	<input type="checkbox"/>	<input type="checkbox"/>	14	
7	<input type="checkbox"/>	<input type="checkbox"/>	15	
8	<input type="checkbox"/>	<input type="checkbox"/>	16	

*59 CODE	*60 ID	*61 CODE	*62 ID	*63
17	<input type="checkbox"/>	<input type="checkbox"/>	25	<input type="checkbox"/> Alarm Rst.
18	<input type="checkbox"/>	<input type="checkbox"/>	26	<input type="checkbox"/> Trouble
19	<input type="checkbox"/>	<input type="checkbox"/>	27	<input type="checkbox"/> Trble Rst.
20	<input type="checkbox"/>	<input type="checkbox"/>	28	<input type="checkbox"/> Bypass
21	<input type="checkbox"/>	<input type="checkbox"/>	29	<input type="checkbox"/> Bypss Rst.
22	<input type="checkbox"/>	<input type="checkbox"/>	30	
23	<input type="checkbox"/>	<input type="checkbox"/>	31	
24	<input type="checkbox"/>	<input type="checkbox"/>	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	<input type="checkbox"/>	<input type="checkbox"/>	41	<input type="checkbox"/> Alarm Rst.
34	<input type="checkbox"/>	<input type="checkbox"/>	42	<input type="checkbox"/> Trouble
35	<input type="checkbox"/>	<input type="checkbox"/>	43	<input type="checkbox"/> Trble Rst.
36	<input type="checkbox"/>	<input type="checkbox"/>	44	<input type="checkbox"/> Bypass
37	<input type="checkbox"/>	<input type="checkbox"/>	45	<input type="checkbox"/> Bypss Rst.
38	<input type="checkbox"/>	<input type="checkbox"/>	46	
39	<input type="checkbox"/>	<input type="checkbox"/>	47	
40	<input type="checkbox"/>	<input type="checkbox"/>	48	

*69 CODE	*70 ID	*71 CODE	*72 ID	*73
49	<input type="checkbox"/>	<input type="checkbox"/>	57	<input type="checkbox"/> Alarm Rst.
50	<input type="checkbox"/>	<input type="checkbox"/>	58	<input type="checkbox"/> Trouble
51	<input type="checkbox"/>	<input type="checkbox"/>	59	<input type="checkbox"/> Trble Rst.
52	<input type="checkbox"/>	<input type="checkbox"/>	60	<input type="checkbox"/> Bypass
53	<input type="checkbox"/>	<input type="checkbox"/>	61	<input type="checkbox"/> Bypss Rst.
54	<input type="checkbox"/>	<input type="checkbox"/>	62	
55	<input type="checkbox"/>	<input type="checkbox"/>	63	
56	<input type="checkbox"/>	<input type="checkbox"/>	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]
81	<input type="checkbox"/>	<input type="checkbox"/>	89	
82	<input type="checkbox"/>	<input type="checkbox"/>	90	
83	<input type="checkbox"/>	<input type="checkbox"/>	91	
84	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> Duress
85	<input type="checkbox"/>	<input type="checkbox"/>	97	<input type="checkbox"/> Poll loop short
86	<input type="checkbox"/>	<input type="checkbox"/>	95	<input type="checkbox"/> (panic key 1+*)
87	<input type="checkbox"/>	<input type="checkbox"/>	96	<input type="checkbox"/> (panic key 3+#)
88	<input type="checkbox"/>	<input type="checkbox"/>	99	<input type="checkbox"/> (panic key * + #)

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<input type="checkbox"/>	Alarm Rst.
<input type="checkbox"/>	Trouble
<input type="checkbox"/>	Trble Rst.
<input type="checkbox"/>	Bypass
<input type="checkbox"/>	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
1=enable; [0=disable]

***79 FOR ZONE TYPES 1-8** ***80 FOR TYPES 9/10**

<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"/>
1	2	3	4	5	6	7	8	9	10

SYSTEM NON ALARM CODES

*81 *82

First Digit Second Digit

Close	<input type="text"/>	<input type="text"/>
Open	<input type="text"/>	<input type="text"/>
Low Battery	<input type="text"/>	<input type="text"/>
Low Bat Res	<input type="text"/>	<input type="text"/>
AC Loss	<input type="text"/>	<input type="text"/>
AC Restore	<input type="text"/>	<input type="text"/>
Test	<input type="text"/>	<input type="text"/>
Power	<input type="text"/>	<input type="text"/>
Cancel	<input type="text"/>	<input type="text"/>
Prog. Tamp.	<input type="text"/>	<input type="text"/>

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

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

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

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

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

* 90 SECONDARY SUBSCRIBER ACCT #

 Enter 00-09; B-F (11-15) [15 15 15 15]

2nd Page Programming Fields (press *94)

ASSIGN RESPONSE TYPE FOR ZONES

(Enter 00-10; see Response Types below)

1*01	1*02	1*03	1*04	1*05
28 <input type="text"/>	33 <input type="text"/>	41 <input type="text"/>	49 <input type="text"/>	57 <input type="text"/>
29 <input type="text"/>	34 <input type="text"/>	42 <input type="text"/>	50 <input type="text"/>	58 <input type="text"/>
30 <input type="text"/>	35 <input type="text"/>	43 <input type="text"/>	51 <input type="text"/>	59 <input type="text"/>
31 <input type="text"/>	36 <input type="text"/>	44 <input type="text"/>	52 <input type="text"/>	60 <input type="text"/>
32 <input type="text"/>	37 <input type="text"/>	45 <input type="text"/>	53 <input type="text"/>	61 <input type="text"/>
	38 <input type="text"/>	46 <input type="text"/>	54 <input type="text"/>	62 <input type="text"/>
	39 <input type="text"/>	47 <input type="text"/>	55 <input type="text"/>	63 <input type="text"/>
	40 <input type="text"/>	48 <input type="text"/>	56 <input type="text"/>	64 <input type="text"/>
1*06	1*07	1*08	1*09	
65 <input type="text"/>	73 <input type="text"/>	81 <input type="text"/>	88 <input type="text"/>	2nd RCVR
66 <input type="text"/>	74 <input type="text"/>	82 <input type="text"/>	89 <input type="text"/>	2nd RCVR
67 <input type="text"/>	75 <input type="text"/>	83 <input type="text"/>	90 <input type="text"/>	1st RCVR
68 <input type="text"/>	76 <input type="text"/>	84 <input type="text"/>	91 <input type="text"/>	1st RCVR
69 <input type="text"/>	77 <input type="text"/>	85 <input type="text"/>		
70 <input type="text"/>	78 <input type="text"/>	86 <input type="text"/>		
71 <input type="text"/>	79 <input type="text"/>	87 <input type="text"/>	Voice Module	
72 <input type="text"/>	80 <input type="text"/>			

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; 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.

- 1*17 LOBBY PARTITION** [0]
Enter the "common lobby" partition (1-8)
- 1*18 AFFECTS LOBBY** [0]
Enter 1 if this partition affects the common lobby;
enter 0 if it does not
- 1*19 ARMS LOBBY** [0]
Enter 1 if arming this partition attempts to arm lobby;
enter 0 if it does not
- 1*20 EXIT ERROR LOGIC** [0]
1=Enable (E/E and interior zones will be bypassed if faulted
after exit delay); 0=Disable
- 1*21 EXIT DELAY RESET** [0]
0=No; 1=Resets Exit Delay to 60 seconds after
zone is closed.

FIELDS 1*22-1*25: Allow four sets of two zones each to be linked so that both must fault within a five minute period to cause an alarm.

- 1*22 CROSS-ZONING PAIR ONE**
- 1*23 CROSS-ZONING PAIR TWO**
- 1*24 CROSS-ZONING PAIR THREE**
- 1*25 CROSS-ZONING PAIR FOUR**
- 1*28 RF TX LOW BATTERY SOUND** [0]
1=immediate; 0=when disarmed; Must be "1" for UL
- 1*29 RF TX LOW BATTERY REPORT ENABLE** [0]
1=enable; 0=disable
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]
1=4281 (must have correct revision level); 2=5881
- 1*33 TOUCH-TONE W/ROTARY BACKUP** [0]
1=enable; 0=disable
- 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	<input type="checkbox"/> <input type="checkbox"/>	73	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Alarm Rst.
66	<input type="checkbox"/> <input type="checkbox"/>	74	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Trouble
67	<input type="checkbox"/> <input type="checkbox"/>	75	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Trble Rst.
68	<input type="checkbox"/> <input type="checkbox"/>	76	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Bypass
69	<input type="checkbox"/> <input type="checkbox"/>	77	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> Byps Rstt
70	<input type="checkbox"/> <input type="checkbox"/>	78	<input type="checkbox"/> <input type="checkbox"/>	
71	<input type="checkbox"/> <input type="checkbox"/>	79	<input type="checkbox"/> <input type="checkbox"/>	
72	<input type="checkbox"/> <input type="checkbox"/>	80	<input type="checkbox"/> <input type="checkbox"/>	

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

- | | | |
|----------------------------------|---|---|
| | 1*40 First Digit | 1*41 Second Digit |
| Armed STAY | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Time/Date set or event log reset | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Event log 50% & 90% full | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Event log overflow | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Exit Error (Zone) | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Exit Error (User) | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| Recent Close | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
- 1*42 CALL WAITING DEFEAT** [0]
1=Yes; 0=No
 - 1*43 PERM. KEYPAD BACKLIGHT** [0]
1=enable; 0=disable When disabled, display lights when any
key is pressed, and turns off after period of keypad inactivity.
 - 1*44 WIRELESS KEYPAD** [0]
TAMPER DETECT ENABLE 1=enable; 0=disable
 - 1*45 EXIT DELAY SOUNDING** [0]
1=enable; 0=disable Produces quick beeping during exit
delay if enabled.
 - 1*46 AUXILIARY OUTPUT MODE** [0]
0=ground start; 1=open/close trigger; 2=keypad sounding;
3=AAV trigger
 - 1*47 CHIME ON EXTERNAL SIREN** [0]
1=enable; 0=disable
 - 1*48 WIRELESS KEYPAD ASSIGNMENT** [0]
0=disable; enter partition in which RF keypad used, 1-8.
 - 1*49 SUPPRESS TX SUPERVISION SOUND** [1]
1=disable; 0=enable. Must be "0" for UL.
 - 1*52 SEND CANCEL IF ALARM + OFF** [0]
1=no restriction; 0=within Bell Timeout period only
 - 1*53 DOWNLOAD CALLBACK** [0]
1=callback not required; 0=callback required; Must be "0" for UL.
 - 1*57 5800 RF BUTTON GLOBAL ARM** [0]
Enter "1" to have the system arm/disarm following the button
user's global arm settings. Enter "0" if the button is not to be
used to global arm the system.
 - 1*58 5800 RF BUTTON FORCE ARM** [0]
Enter "1" to enable. If a zone is faulted after pressing button,
keypad will beep once. User should press button again within
4 sec. to force arm. Enter "0" to disable.
Must be disabled for UL Listed installations.
 - 1*60 ZONE 5 AUDIO ALARM VERIFICATION** [0]
Enter 1 if 2-way audio (AAV) is being used; Enter 0 if it
is not.
 - 1*70 EVENT LOG TYPES**
1=enable logging; 0=disable Alarm Chck Byps O/C System
 - 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 RELAY FOR PART. [0]
 Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-16; 00=none

3rd Page Programming Fields press *94)

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 | 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 [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 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]
 1=enable; 0=disable; 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.,

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*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	
<input type="text"/>	<input type="text"/>	Early opening report code
<input type="text"/>	<input type="text"/>	Early closing report code
<input type="text"/>	<input type="text"/>	Late opening report code
<input type="text"/>	<input type="text"/>	Late closing report code
<input type="text"/>	<input type="text"/>	No opening (late to open) report code
<input type="text"/>	<input type="text"/>	No closing (late to close) report code
<input type="text"/>	<input type="text"/>	Auto-arm failure report code
<input type="text"/>	<input type="text"/>	Access schedule changed report code

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

2*19 USE PARTITION DESCRIPTORS [0]
 0=disable; 1=enable

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