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# ***VISTA-50P*** ***VISTA-50PUL***

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## **PARTITIONED SECURITY SYSTEM** with SCHEDULING

Quick Start  
Step-by-Step Programming Procedure  
Single And Multiple Partition Programming Forms  
System Worksheets





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The purpose of this document is to provide a quick and easy way to program your entire system. A recommended programming procedure is included, followed by a list of program fields with the corresponding program group they belong to (system-wide, partition-specific, scheduling, etc.). Two program forms are included, one for a single-partition system, and the other for a multiple partition system. If you are setting up a single-partition system, the partition-specific fields become system-wide fields.

Following the program forms are system layout worksheets. We recommend that you use these sheets to plan your system before programming is performed. If you need further information about specific programming options, see the VISTA-50P/VISTA-50PUL INSTALLATION INSTRUCTIONS.

## Two programming forms are provided: Single Partition Form and Multiple-Partition Form

- Make sure that one two-line alpha keypad is connected to the control and is set to device address "00."

### Single Partition System

- The system default is for a single partition system. Use the VISTA-50P/PUL SINGLE PARTITION PROGRAMMING FORM beginning on page 7 when programming for single partition usage. Follow the steps outlined on page 4 of this document for proper programming procedure.

### Multiple-Partition System

- You must enter the number of partitions you are using in data field 2\*00 to set the system for multiple partitions. Use the VISTA-50P/PUL MULTIPLE-PARTITION PROGRAMMING FORM beginning on page 13 when programming the system for multiple partitions. Follow the steps outlined on page 4 of this document for proper programming procedure.

## SUMMARY OF PROGRAMMING COMMANDS

- |  |
|--|
| <ul style="list-style-type: none"><li>• <b>To enter program mode</b>, enter installer code + [8] + [0] + [0]</li><li>• <b>To set standard defaults</b>, press *97</li><li>• <b>To set communication defaults</b>, press *94 + one of the following: *80=low speed; *81=Ademco Express; *82=Ademco High Speed; *83=Ademco's Contact ID</li><li>• <b>To change to next page of program fields</b>, press *94</li><li>• <b>To return to previous set of fields</b>, press *99</li><li>• <b>To erase account &amp; phone number field entries</b>, press [*] + field number + [*]</li><li>• <b>To assign zone descriptors</b>, press #93 + follow menu prompts</li><li>• <b>To add custom words</b>, press #93 + follow menu prompts</li><li>• <b>To enter Installer's Message</b>, press #93 + follow menu prompts</li><li>• <b>To exit program mode</b>, press *99 OR *98: *99 allows re-access to programming mode by installer code. *98 prevents re-access to programming mode by installer code.</li></ul> |
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Standard default (\*97) values are shown in brackets [ ], otherwise default = 0.

## Recommended Programming Procedure

The following is a step-by-step procedure recommended for programming your VISTA-50P/VISTA-50PUL system.

- 1. Set the keypads (and other peripheral devices) to the appropriate addresses.**
- 2. Set factory defaults by pressing \*97.**

This will automatically enable keypad addresses 00-03, so be sure at least one keypad is set to one of these addresses.
- 3. Program system-wide (global) data fields.**

Using the programming form as a guide, enter program mode and program all system wide programming fields. These options affect the entire system, regardless of partitions. They include control options, downloader and dialer options, RF options, event logging options, etc. Refer to the COMPLETE LIST OF PROGRAMMING FIELDS for a listing of the program fields arranged by function.

**Note that field 2\*00 (number of partitions) & field 1\*32 (RF expander type) must be programmed before continuing.**
- 4. Program partition-specific fields.**

When the system-wide fields have been programmed, program all partition-specific programming fields by first pressing \*91 to select a partition (while still in data field program mode). Then enter the first partition-specific field number \*09. The next partition-specific field will automatically be displayed when you are finished entering the value for field \*09. Partition-specific fields can have different values for each partition. To program the fields for the next partition, press \*91, enter the desired partition number, then enter field \*09. Refer to the MECHANICS OF PROGRAMMING section for detailed instructions.
- 5. Use #93 Menu Mode for device programming.**

Refer to the DEVICE PROGRAMMING section to assign keypad ID numbers and default partitions for each keypad, and to selectively suppress certain keypad sounding options. Also use this mode to assign RF receivers, relay modules, and the VIP module.
- 6. Use #93 Menu Mode for zone programming.**

Refer to the ZONE PROGRAMMING section to program zone response types, assign right loop zones and wireless zones, assign zones to partitions, and to program alarm report codes.
- 8. Use #93 Menu Mode for programming relays.**

Refer to the RELAY PROGRAMMING section to program desired relay operation.
- 9. Program Communication options.**

Refer to the COMMUNICATION PROGRAMMING section for further instructions to load communication defaults and to program related fields.
- 10. Use #93 Menu Mode for programming alpha descriptors.**

Refer to the ALPHA PROGRAMMING section to enter zone and partition descriptors and a custom installer's message.

**11. Use #93 Menu Mode for programming relay voice descriptors and custom word substitutes.**

Refer to the RELAY VOICE DESCRIPTORS section for further instructions for programming relay descriptors to be announced by the 4285 VIP module, as well as the CUSTOM INDEX section for custom word substitutes.

**12. Use #80 Mode for programming schedules.**

Refer to the SCHEDULING section to program open/close schedules, temporary and holiday schedules, limitation of access schedules, and time driven events.

**13. Define user access codes.**

Refer to SECURITY ACCESS CODES section to program authority level, O/C reporting option, partition assignments, and wireless key assignments for each user.

**14. Exit Programming Mode**

Exit programming mode by pressing either \*98 or \*99. A second entry of \*99 is required if the exit is being done from fields 1\*00 and above.

To prevent re-access to Programming mode using the Installer's code, use \*98. The only way to re-access Programming mode is by depressing both the [\*] and [#] keys at the same time within 30 seconds of power up.

Exiting by using \*99 always allows reentry into Programming mode using the Installer's code. Either way of exiting will allow access via downloading. Note that if local programming lockout is set via downloading, programming mode cannot be entered at the keypad.

# PROGRAM FIELD CATEGORIES

In the following pages, the programming fields have been arranged by category. Use this index to cross reference the numerical ordered fields on the programming form.

Field	Group	Field	Group	Field	Group
*00	System-Wide	*63	Communications	1*42	Communications
*02	#93 Menu Mode	*64	Communications	1*43	Partition-Specific
*03	#93 Menu Mode	*65	Communications	1*44	System-Wide
*04	#93 Menu Mode	*66	Communications	1*45	Partition-Specific
*05	#93 Menu Mode	*67	Communications	1*46	System-Wide
*09	Partition-Specific	*68	Communications	1*47	Partition-Specific
*10	Partition-Specific	*69	Communications	1*48	System-Wide
*11	Partition-Specific	*70	Communications	1*49	System-Wide
*12	Partition-Specific	*71	Communications	1*52	Partition-Specific
*13	Partition-Specific	*72	Communications	1*53	System-Wide
*14	System-Wide	*73	Communications	1*57	System-Wide
*15	System-Wide	*74	Communications	1*58	System-Wide
*16	Partition-Specific	*75	Communications	1*60	System-Wide
*17	System-Wide	*76	Communications	1*70	System-Wide
*18	System-Wide	*77	Communications	1*71	System-Wide
*19	System-Wide	*78	Communications	1*72	System-Wide
*20	System-Wide	*79	Communications	1*73	System-Wide
*21	System-Wide	*80	Communications	1*74	System-Wide
*22	Partition-Specific	*81	Communications	1*75	System-Wide
*23	Partition-Specific	*82	Communications	1*76	Partition-Specific
*24	System-Wide	*83	Communications	2*00	System-Wide
*25	System-Wide	*84	Partition-Specific	2*01	System-Wide
*26	Communications	*85	Partition-Specific	2*02	System-Wide
*27	Communications	*87	Partition-Specific	2*05	Partition-Specific
*28	System-Wide	*88	Partition-Specific	2*06	Partition-Specific
*29	Partition-Specific	*89	Communications	2*07	Partition-Specific
*30	Communications	*90	Partition-Specific	2*08	Partition-Specific
*31	Communications	1*01	#93 Menu Mode	2*09	Partition-Specific
*32	Partition-Specific	1*02	#93 Menu Mode	2*10	Partition-Specific
*33	Communications	1*03	#93 Menu Mode	2*11	System-Wide
*34	Communications	1*04	#93 Menu Mode	2*13	Communications
*35	System-Wide	1*05	#93 Menu Mode	2*14	Communications
*36	System-Wide	1*06	#93 Menu Mode	2*18	Partition-Specific
*37	System-Wide	1*07	#93 Menu Mode	2*19	Partitioning
*38	Partition-Specific	1*08	#93 Menu Mode	2*20	Partition-Specific
*39	Partition-Specific	1*09	#93 Menu Mode	2*21	System-Wide
*40	Communications	1*17	System-Wide		
*41	System-Wide	1*18	Partition-Specific		
*42	Communications	1*19	Partition-Specific		
*43	Communications	1*20	System-Wide		
*44	Communications	1*21	System-Wide		
*45	Communications	1*22	System-Wide		
*46	Communications	1*23	System-Wide		
*47	Communications	1*24	System-Wide		
*48	Communications	1*25	System-Wide		
*49	Communications	1*28	System-Wide		
*50	Communications	1*29	System-Wide		
*51	Communications	1*30	System-Wide		
*52	Communications	1*31	System-Wide		
*53	Communications	1*32	System-Wide		
*54	Communications	1*33	Communications		
*55	Communications	1*34	Communications		
*56	Communications	1*35	Communications		
*57	Communications	1*36	Communications		
*58	Communications	1*37	Communications		
*59	Communications	1*38	Communications		
*60	Communications	1*39	Communications		
*61	Communications	1*40	Communications		
*62	Communications	1*41	Communications		

VISTA 50P/VISTA 50-PUL  
SINGLE PARTITION PROGRAMMING FORM

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+Q panic)
7 [ ] [ ]	15 [ ] [ ]	23 [ ] [ ]	96 [ ] [ ] (3+ # panic)
8 [ ] [ ]	16 [ ] [ ]	24 [ ] [ ]	99 [ ] [ ] (Q+ # 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; 20 = arm stay;  
21 = arm away; 22 = disarm; 23= no alarm response

- \* 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.
- \* 14 ZONE 9 RESPONSE TIME** [0] [ ] [ ]  
1=fast; 0= normal; "0" for UL.
- \* 15 KEYSWITCH ASSIGNMENT** [0] [ ] [ ]  
Enter partition in which keyswitch used, 1-8; 0=disable
- \* 16 CONFIRMATION OF ARMING DING** [0] [ ] [ ]  
1=enable; 0=disable
- \* 17 AC LOSS KEYPAD SOUNDING** [0] [ ] [ ]  
1=yes; 0=no
- \* 18 UL AC LOSS SIREN** [0] [ ] [ ]  
1=yes; 0=no
- \* 19 RANDOMIZE AC LOSS REPORT** [0] [ ] [ ]  
1=randomize 10-40 min.; 0=no
- \* 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] [ ] [ ]  
1=no timeout; 0=fire timeout
- \* 22 KEYPAD PANIC ENABLES** [001] [ ] [ ] [ ] [ ]  
1=enable; 0=disable  
95 96 99
- \* 23 MULTIPLE ALARMS** [1] [ ] [ ]  
1=yes; 0=no
- \* 24 IGNORE EXPANSION ZONE TAMPER** [0] [ ] [ ]  
1=yes; 0=enable for RF and RPMs

- \* 25 BURGLY TRIGGER FOR RESPONSE TYPE 8** [1] [ ] [ ]  
1=enable; 0=disable
- \* 26 INTELLIGENT TEST REPORTING** [0] [ ] [ ]  
Set "0" for UL 1=yes, (no report sent if any other report was recently sent); 0=no
- \* 27 TEST REPORT INTERVAL** [024] [ ] [ ] [ ]  
Enter interval in hours, 001-999; 000=no report ; Max. 024 for UL.
- \* 28 POWER UP IN PREVIOUS STATE** [1] [ ] [ ]  
1=yes; 0=no; "1" for UL.
- \* 29 QUICK ARM** [1] [ ] [ ]  
1=yes; 0=no
- \* 30 TOUCH-TONE OR ROTARY DIAL** [0] [ ] [ ]  
1=TouchTone; 0=rotary
- \* 31 PABX ACCESS CODE** [ ] [ ] [ ] [ ] [ ] [ ]  
00-09; B-F (11-15)
- \* 32 PRIMARY SUBSCRIBER ACCT #**  
[ ] [ ] [ ] [ ] [ ] [ ]  
Enter 00-09; B-F (11-15) [15 15 15 15]
- \* 33 PRIMARY PHONE NUMBER**  
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
[ ] [ ] [ ] [ ] [ ]  
Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 34 SECONDARY PHONE NUMBER**  
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
[ ] [ ] [ ] [ ] [ ]  
Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 35 DOWNLOAD PHONE No.**  
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
[ ] [ ] [ ] [ ] [ ]  
Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 36 DOWNLOAD ID No.**  
[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]
- \* 37 DOWNLOAD COMMAND ENABLES**  
[ ] [ ] [0] [ ] [ ] [ ] [ ] [ ] [ ] [ ]  
Dialer System Not Remote Remote Remote Upload Download  
Shutdwn Shutdwn Used Bypass Disarm Arm Program 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** [00] [ ] [ ]  
01-86; 00 if all zones (except Fire zones) can be bypassed
- \* 39 ENABLE OPEN/CLOSE REPORT FOR INSTALLER CODE** [0] [ ] [ ]  
1=enable; 0=disable
- \* 40 OPEN/CLOSE REPORT FOR KEYSWITCH** [0] [ ] [ ]  
1=enable; 0=disable
- \* 41 NORMALLY CLOSED or EOLR (Zones 2-8)** [1] [ ] [ ]  
1=N.C.loops; 0=EOLR supervision; Must be "0" for UL.
- \* 42 DIAL TONE PAUSE** [0] [ ] [ ]  
0=5 seconds; 1=11 seconds; 2=30 seconds; Must be "0" for UL.

- \*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
- \*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)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[0]
Alarm	Rstr	Bypass	Trbl	Opn/Cls	Low Bat	

  - 0=standard; 1=expanded; Note: Expanded overrides 4+2 format
- \*53 STANDARD/EXPANDED REPORT (SECONDARY)**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	[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]**

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

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

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

**ALARM REPORT CODE & ID DIGITS FOR ZONES 81-87, RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES**

<b>*74 CODE</b>	<b>*75 ID</b>	<b>*76 CODE</b>	<b>*77 ID</b>	[All codes default=00]	
81	<input type="checkbox"/>	<input type="checkbox"/>	89	<input type="checkbox"/>	
82	<input type="checkbox"/>	<input type="checkbox"/>	90	<input type="checkbox"/>	
83	<input type="checkbox"/>	<input type="checkbox"/>	91	<input type="checkbox"/>	
84	<input type="checkbox"/>	<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 * + #)

**\*78**

<input type="checkbox"/>	Alarm Rst.
<input type="checkbox"/>	Trouble
<input type="checkbox"/>	Trble Rst.
<input type="checkbox"/>	Bypass
<input type="checkbox"/>	Bypass 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**

<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 FOR TYPES 9/10**

<input type="checkbox"/>	<input type="checkbox"/>
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)

<b>1*01</b>	<b>1*02</b>	<b>1*03</b>	<b>1*04</b>	<b>1*05</b>	
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"/>	
<b>1*06</b>	<b>1*07</b>	<b>1*08</b>	<b>1*09</b>		
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"/> Alarm Rst.
66	<input type="checkbox"/>	<input type="checkbox"/>	74	<input type="checkbox"/> Trouble
67	<input type="checkbox"/>	<input type="checkbox"/>	75	<input type="checkbox"/> Trble Rst.
68	<input type="checkbox"/>	<input type="checkbox"/>	76	<input type="checkbox"/> Bypass
69	<input type="checkbox"/>	<input type="checkbox"/>	77	<input type="checkbox"/> Byps Rstt
70	<input type="checkbox"/>	<input type="checkbox"/>	78	
71	<input type="checkbox"/>	<input type="checkbox"/>	79	
72	<input type="checkbox"/>	<input type="checkbox"/>	80	

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

- |                                  |   |   |
|----------------------------------|---|---|
|                                  | <b>1*40 First Digit</b>                           | <b>1*41 Second Digit</b>                          |
| 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**

<b>2*13</b>	<b>2*14</b>	
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.

# NOTES:

VISTA 50P/VISTA 50-PUL  
 MULTIPLE PARTITION PROGRAMMING FORM

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 <input type="text"/>	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>
2 <input type="text"/>	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>
3 <input type="text"/>	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>
4 <input type="text"/>	12 <input type="text"/>	20 <input type="text"/>	0 0
5 <input type="text"/>	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/> polling loop short
6 <input type="text"/>	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/> (1+Q panic)
7 <input type="text"/>	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/> (3+ # panic)
8 <input type="text"/>	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/> (Q+ # 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 Auxilliary; 09 = Fire; 10 = Interior, Delay; 20 = arm stay;  
 21 = arm away; 22 = disarm; 23= no alarm response

**Refer to Partition-Specific section of this form for programming shaded fields.**

- \* 09** ENTRY DELAY #1 Partition-Specific
- \* 10** EXIT DELAY #1 Partition-Specific
- \* 11** ENTRY DELAY #2 Partition-Specific
- \* 12** EXIT DELAY #2 Partition-Specific
- \* 13** ALARM SOUNDER DURATION Partition-Specific
- \* 14** ZONE 9 RESPONSE TIME [0]   
 1=fast; 0= normal; "0" for UL.
- \* 15** KEYSWITCH ASSIGNMENT [0]   
 Enter partition in which keyswitch used, 1-8; 0=disable
- \* 16** CONFIRMATION OF ARMING DING Partition-Specific
- \* 17** AC LOSS KEYPAD SOUNDING [0]   
 1=yes; 0=no
- \* 18** UL AC LOSS SIREN [0]   
 1=yes; 0=no
- \* 19** RANDOMIZE AC LOSS REPORT [0]   
 1=randomize 10-40 min.; 0=no
- \* 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]   
 1=no timeout; 0=fire timeout
- \* 22** KEYPAD PANIC ENABLES Partition-Specific
- \* 23** MULTIPLE ALARMS Partition-Specific
- \* 24** IGNORE EXPANSION ZONE TAMPER [0]   
 1=yes; 0=enable for RF and RPMs
- \* 25** BURG. TRIGGER FOR RESPONSE TYPE 8 [1]   
 1=enable; 0=disable
- \* 26** INTELLIGENT TEST REPORTING [0]   
 Set "0" for UL 1=yes, (no report sent if any other report was recently sent); 0=no
- \* 27** TEST REPORT INTERVAL [024]   
 Enter interval in hours, 001-999; 000=no report ; Max. 024 for UL.

- \* 28** POWER UP IN PREVIOUS STATE [1]   
 1=yes; 0=no; "1" for UL.
- \* 29** QUICK ARM Partition-Specific
- \* 30** TOUCH-TONE OR ROTARY DIAL [0]   
 1=TouchTone; 0=rotary
- \* 31** PABX ACCESS CODE   
 00-09; B-F (11-15)
- \* 32** PRIM. SUBS. ACCT # Partition-Specific
- \* 33** PRIMARY PHONE NUMBER  
  
 Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 34** SECONDARY PHONE NUMBER  
  
 Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 35** DOWNLOAD PHONE No.  
  
 Enter 0-9 for each digit; enter #11 for \*, #12 for #, and #13 for 2 sec. pause
- \* 36** DOWNLOAD ID No.  
  
 Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]
- \* 37** DOWNLOAD COMMAND ENABLES  
   0       
 Dialer System Not Remote Remote Remote Upload  
 Download  
 Shutdwn Shutdwn Used Bypass Disarm Arm Program  
 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 Partition-Specific
- \* 39** OPEN/CLOSE REPORT FOR INSTALLER Partition-Specific
- \* 40** OPEN/CLOSE REPORT FOR KEYSWITCH [0]   
 1=enable; 0=disable
- \* 41** NORMALLY CLOSED or EOLR (Zones 2-8) [1]   
 1=N.C.loops; 0=EOLR supervision; Must be "0" for UL.
- \* 42** DIAL TONE PAUSE [0]   
 0=5 seconds; 1=11 seconds; 2=30 seconds; Must be "0" for UL.
- \* 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 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 (PRIMARY)  
      [0]  
Alarm Rstr Bypass Trbl Opn/Cls Low Bat  
0=standard; 1=expanded; Note: Expanded overrides 4+2 format
- \* **53** STANDARD/EXPANDED REPORT (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]**

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

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

<b>*64 CODE</b>		<b>*65 ID</b>		<b>*66 CODE</b>		<b>*67 ID</b>		<b>*68</b>	
33	<input type="text"/>	<input type="text"/>	41	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Alarm Rst.
34	<input type="text"/>	<input type="text"/>	42	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Trouble
35	<input type="text"/>	<input type="text"/>	43	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Trble Rst.
36	<input type="text"/>	<input type="text"/>	44	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Bypass
37	<input type="text"/>	<input type="text"/>	45	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Byps Rst.
38	<input type="text"/>	<input type="text"/>	46	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
39	<input type="text"/>	<input type="text"/>	47	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		
40	<input type="text"/>	<input type="text"/>	48	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

<b>*69 CODE</b>	<b>*70 ID</b>	<b>*71 CODE</b>	<b>*72 ID</b>	<b>*73</b>		
49	<input type="text"/>	<input type="text"/>	57	<input type="text"/>	<input type="text"/>	Alarm Rst.
50	<input type="text"/>	<input type="text"/>	58	<input type="text"/>	<input type="text"/>	Trouble
51	<input type="text"/>	<input type="text"/>	59	<input type="text"/>	<input type="text"/>	Trble Rst.
52	<input type="text"/>	<input type="text"/>	60	<input type="text"/>	<input type="text"/>	Bypass
53	<input type="text"/>	<input type="text"/>	61	<input type="text"/>	<input type="text"/>	Byps Rst.
54	<input type="text"/>	<input type="text"/>	62	<input type="text"/>	<input type="text"/>	
55	<input type="text"/>	<input type="text"/>	63	<input type="text"/>	<input type="text"/>	
56	<input type="text"/>	<input type="text"/>	64	<input type="text"/>	<input type="text"/>	

**ALARM REPORT CODE & ID DIGITS FOR ZONES 81-87, RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES**

<b>*74 CODE</b>		<b>*75 ID</b>		<b>*76 CODE</b>		<b>*77 ID</b> [All codes default=00]	
81	<input type="text"/>	<input type="text"/>	89	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
82	<input type="text"/>	<input type="text"/>	90	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
83	<input type="text"/>	<input type="text"/>	91	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
84	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Duress
85	<input type="text"/>	<input type="text"/>	97	<input type="text"/>	<input type="text"/>	<input type="text"/>	Poll loop short
86	<input type="text"/>	<input type="text"/>	95	<input type="text"/>	<input type="text"/>	<input type="text"/>	(panic key 1+*)
87	<input type="text"/>	<input type="text"/>	96	<input type="text"/>	<input type="text"/>	<input type="text"/>	(panic key 3+#)
88	<input type="text"/>	<input type="text"/>	99	<input type="text"/>	<input type="text"/>	<input type="text"/>	(panic key * + #)

**\*78**

<input type="text"/>	Alarm Rst.
<input type="text"/>	Trouble
<input type="text"/>	Trble Rst.
<input type="text"/>	Bypass
<input type="text"/>	Byps 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**

**SYSTEM NON ALARM CODES**

	<b>*81</b>	<b>*82</b>	
	First Digit	Second Digit	
Close	<input type="text"/>	<input type="text"/>	Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.
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"/>	

- \* **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 Partition-Specific
- \* **85** ENABLE DIALER REPORTS FOR PANICS & DURESS Partition-Specific
- \* **87** ENTRY WARNING Partition-Specific
- \* **88** BURG. ALARM COMM. DELAY Partition-Specific
- \* **89** RESTORE REPORT TIMING [0]   
 0=instant; 1=at bell timeout; 2=at disarm
- \* **90** 2nd SUBS. ACCT # Partition-Specific

- 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.

**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 Partition-Specific
- 1 \* **19** ARMS LOBBY Partition-Specific

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="text"/>	<input type="text"/>	73 <input type="text"/>	<input type="text"/>	<input type="text"/> Alarm Rst.
66 <input type="text"/>	<input type="text"/>	74 <input type="text"/>	<input type="text"/>	<input type="text"/> Trouble
67 <input type="text"/>	<input type="text"/>	75 <input type="text"/>	<input type="text"/>	<input type="text"/> Trble Rst.
68 <input type="text"/>	<input type="text"/>	76 <input type="text"/>	<input type="text"/>	<input type="text"/> Bypass
69 <input type="text"/>	<input type="text"/>	77 <input type="text"/>	<input type="text"/>	<input type="text"/> Bypss Rstt
70 <input type="text"/>	<input type="text"/>	78 <input type="text"/>	<input type="text"/>	
71 <input type="text"/>	<input type="text"/>	79 <input type="text"/>	<input type="text"/>	
72 <input type="text"/>	<input type="text"/>	80 <input type="text"/>	<input type="text"/>	

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

	1*40 First Digit	1*41 Second Digit		
Armed STAY	<input type="text"/>	<input type="text"/>		
Time/Date set or event log reset	<input type="text"/>	<input type="text"/>		
Event log 50% & 90% full	<input type="text"/>	<input type="text"/>		
Event log overflow	<input type="text"/>	<input type="text"/>		
Exit Error (Zone)	<input type="text"/>	<input type="text"/>		
Exit Error (User)	<input type="text"/>	<input type="text"/>		
Recent Close	<input type="text"/>	<input type="text"/>		
<b>1*42</b> CALL WAITING DEFEAT			[0] <input type="text"/>	
1=Yes; 0=No				
<b>1*43</b> PERM. KEYPAD BACKLIGHT			Partition-Specific	
<b>1*44</b> WIRELESS KEYPAD			[0] <input type="text"/>	
TAMPER DETECT ENABLE 1=enable; 0=disable				
<b>1*45</b> EXIT DELAY SOUNDING			Partition-Specific	
<b>1*46</b> AUXILIARY OUTPUT MODE			[0] <input type="text"/>	
0=ground start; 1=open/close trigger; 2=keypad sounding; 3=AAV trigger				
<b>1*47</b> CHIME ON EXT. SIREN			Partition-Specific	
<b>1*48</b> WIRELESS KEYPAD ASSIGNMENT			[0] <input type="text"/>	
0=disable; enter partition in which RF keypad used, 1-8.				
<b>1*49</b> SUPPRESS TX SUPERVISION SOUND			[1] <input type="text"/>	
1=disable; 0=enable. Must be "0" for UL.				
<b>1*52</b> SEND CANCEL IF ALARM + OFF			Partition-Specific	
<b>1*53</b> DOWNLOAD CALLBACK			[0] <input type="text"/>	
1=callback not required; 0=callback required; Must be "0" for UL.				
<b>1*57</b> 5800 RF BUTTON GLOBAL ARM			[0] <input type="text"/>	
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.				
<b>1*58</b> 5800 RF BUTTON FORCE ARM			[0] <input type="text"/>	
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.				
<b>1*60</b> ZONE 5 AUDIO ALARM VERIFICATION			[0] <input type="text"/>	
Enter 1 if 2-way audio (AAV) is being used; Enter 0 if it is not.				
<b>1*70</b> EVENT LOG TYPES	<input type="text"/>	<input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	
1=enable logging; 0=disable Alarm Chck Byps O/C System				
<b>1*71</b> 12/24 HOUR TIME STAMP FORMAT			[0] <input type="text"/>	
0=12 hour; 1=24 hour				
<b>1*72</b> EVENT LOG PRINTER ON-LINE			[0] <input type="text"/>	
0=disable; 1=enable				
<b>1*73</b> PRINTER BAUD RATE			1=300; 0=1200 [0] <input type="text"/>	
<b>1*74</b> RELAY TIMEOUT XX MINUTES	[000]	<input type="text"/>	<input type="text"/>	
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".				
<b>1*75</b> RELAY TIMEOUT YY SECONDS	[000]	<input type="text"/>	<input type="text"/>	
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".				
<b>1*76</b> ACCESS CONTROL RELAY FOR			Partition-Specific	
PARTITION				



**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 | 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 Partition-Specific
- 2\*06** AUTO-ARM WARNING PERIOD Partition-Specific
- 2\*07** AUTO-DISARM DELAY Partition-Specific
- 2\*08** ENABLE FORCE ARM FOR AUTO-ARM Partition-Specific
- 2\*09** ENABLE OPEN/CLOSE REPORTSBY EXCEPTION Partition-Specific
- 2\*10** ALLOW DISARMING ONLY DURING ARM/DISARM WINDOWS Partition-Specific
- 2\*11** ALLOW DISARM OUTSIDE WINDOW IF ALARM OCCURS [0]   
 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.

- 2\*18** ENABLE GOTO FOR THIS PARTITION Partition-Specific
- 2\*19** USE PARTITION DESCRIPTORS [0]   
 0=disable; 1=enable
- 2\*20** ENABLE J7 TRIGGERS BY PARTITION Partition-Specific
- 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.

**SCHEDULING RELATED DIALER REPORTS**

- | <b>2*13</b>                                 | <b>2*14</b>                                 |  |
|---|---|--|
| 1st Digit                                   | 2nd Digit                                   |  |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Early opening report code              |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Early closing report code              |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Late opening report code               |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Late closing report code               |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | No opening (late to open) report code  |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | No closing (late to close) report code |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Auto-arm failure report code           |
| <input type="text"/>   <input type="text"/> | <input type="text"/>   <input type="text"/> | Access schedule changed report code    |

## PARTITION-SPECIFIC FIELDS

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

To program these fields,

1. Press \*91 and select a partition.
2. Enter a partition-specific field number (ex. \*09) and make the desired entry.
3. To access the 2nd and 3rd Page fields, press \*94 to advance to the next higher level. Then enter \* + [last two digits] and make the desired entry. Press \*99 to go to the next lower level.
4. Repeat steps 1 & 2 for each partition in the system.
5. Press \*99 to exit programming from the 1st Page fields.

### 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]   
 1=enable; 0=disable
- \* 22** KEYPAD PANIC ENABLES [001]     
 1=enable; 0=disable                      95    96    99
- \* 23** MULTIPLE ALARMS [1]   
 1=yes; 0=no
- \* 29** QUICK ARM [1]   
 1=yes; 0=no
- \* 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  
 1=enable; 0=disable
- \* 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** BURGLAR ALARM COMM. DELAY [0]   
 1=16 seconds; 0=no delay
- \* 90** SECONDARY SUBSCRIBER ACCT #  
     
 Enter 00-09; B-F (11-15) [15 15 15 15]

#### 2nd Page Fields

- 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 \* 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 \* 45** EXIT DELAY SOUNDING [0]   
 1=enable; 0=disable Produces quick beeping during exit  
 delay if enabled.
- 1 \* 47** CHIME ON EXTERNAL SIREN [0]   
 1=enable; 0=disable
- 1 \* 52** SEND CANCEL IF ALARM + OFF [0]   
 1=no restriction; 0=within Bell Timeout period only
- 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 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 01-14 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 \* 18** ENABLE GOTO FOR THIS PARTITION [0]   
 1=enable; 0=disable
- 2 \* 20** ENABLE J7 TRIGGERS by PARTITION [1]   
 1=enable for displayed partition; 0=disable for displayed  
 partition.

## 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:

<b>ZONE PROG?</b> 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

<b>SERIAL PROG?</b> 0=no    1=yes
--------------------------------------

For entering (learning) 5800 transmitter & serial number polling loop device serial numbers into the system.

<b>ALPHA PROG?</b> 0=no    1=yes
-------------------------------------

For entering alpha descriptors for the following:

- Zone Descriptors
- Installer's Message
- Custom Words
- Partition Descriptors
- Relay Descriptors

<b>DEVICE PROG?</b> 0=no    1=yes
--------------------------------------

For defining the following device characteristics for addressable devices, including keypads, RF receivers (4281/5881), 4285 voice module and 4204 output relay modules:

- Device Address
- Device Type
- Device's Home Partition
- Keypad Options
- Voice Module

<b>RELAY PROG?</b> 0=no    1=yes
-------------------------------------

For defining output relay functions.

<b>RLY VOICE DESCR?</b> 0=no    1=yes
--

For entering relay voice descriptors to be used with voice module functions.

<b>CUSTOM INDEX #?</b> 0=no    1=yes
---

For creating custom word substitutes for voice module annunciation.

### #93 MENU MODE KEY COMMANDS

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

#93	Enters Menu mode
[Q]	Serves as ENTER key. Press to have keypad 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	Escapes from menu mode, back into field programming 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 #	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 75 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								
Keypad Panic for zone 95 (* + 1)								
Keypad Panic for zone 96 (# + 3)								
Keypad Panic for zone 99 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout Duration (2 min. increments)								
Keypad Annunciation During Entry**								
Keypad 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 (Keypads, 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 keypad
- 2 = fixed-word keypad
- 3 = RF receiver
- 4 = Output Relay module
- 5 = Voice Module

**Keypad 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 #	Auth. level	open/close	Global Arm?	2-digit user #	Auth. level	open/close	Global Arm?	2-digit user #	Auth. level	open/close	Global Arm?

**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 #	Auth. level	open/close	Global Arm?	2-digit user #	Auth. level	open/close	Global Arm?	2-digit user #	Auth. level	open/close	Global Arm?

**ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 7 & 8**

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

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)

**ZONE DEFINITIONS FOR ZONES 1-24**

Zone No.	Zone Type	Parti- tion (1-8)	RF Trans. Type†			DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	† Enter loop number on module
			RF (3)	UR (4)	BR (5)						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 DEFINITIONS FOR ZONES 25-48**

Zone No.	Zone Type	Parti- tion (1-8)	RF Trans. Type†			DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	†Enter loop number on module
			RF (3)	UR (4)	BR (5)						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 49-72**

Zone No.	Zone Type	Parti- tion (1-8)	RF Trans. Type†			DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	<div style="border: 1px solid black; padding: 2px; display: inline-block;">† Enter loop number on module</div> Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
			RF (3)	UR (4)	BR (5)						
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 Trans. Type†			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.)
			RF (3)	UR (4)	BR (5)						
73											
74											
75											
76											
77											
78											
79											
80											
81											
82											
83											
84											
85											
86											

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

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 (4)	Yes (4)
Alarm		
Trouble		
Bypass		
Open/Close		
System		

REPORTS TO CENTRAL STATION		
Option	No (4)	Yes (4)
Armed Stay		
Time/Date & Log Reset		
Event Log 50% & 90% Full		
Event Log Overflow		

# NOTES:



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