VISTA-50P
VISTA-50PUL

PARTITIONED SECURITY SYSTEM
with SCHEDULING

Quick Start

Step-by-Step Programming Procedure

Single And Multiple Partition Programming Forms

System Worksheets

ADEMCO

TABLE OF CONTENTS

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

- **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.

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

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+✶ panic)
7		15	23	96	(3+ # panic)
8		16	24	99	(✶+ # 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] 95 96 99
1=enable; 0=disable

***23** MULTIPLE ALARMS [1]
1=yes; 0=no

***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 [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 Shutdwn	System Shutdwn	Not Used	Remote Bypass	Remote Disarm	Remote Arm	Upload Program	Download 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 [0]
FOR INSTALLER CODE
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 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)
☐ 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			9			Alarm Rst.
2			10			Trouble
3			11			Trble Rst.
4			12			Bypass
5			13			Bypss Rst.
6			14			
7			15			
8			16			

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

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

***78**

	Alarm Rst.
	Trouble
	Trble Rst.
	Bypass
	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

1	2	3	4	5	6	7	8	9	10
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

SYSTEM NON ALARM CODES

	*81 First Digit	*82 Second Digit
Close		
Open		
Low Battery		
Low Bat Res		
AC Loss		
AC Restore		
Test		
Power		
Cancel		
Prog. Tamp.		

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 [ ]	33 [ ]	41 [ ]	49 [ ]	57 [ ]
29 [ ]	34 [ ]	42 [ ]	50 [ ]	58 [ ]
30 [ ]	35 [ ]	43 [ ]	51 [ ]	59 [ ]
31 [ ]	36 [ ]	44 [ ]	52 [ ]	60 [ ]
32 [ ]	37 [ ]	45 [ ]	53 [ ]	61 [ ]
	38 [ ]	46 [ ]	54 [ ]	62 [ ]
	39 [ ]	47 [ ]	55 [ ]	63 [ ]
	40 [ ]	48 [ ]	56 [ ]	64 [ ]

1*06	1*07	1*08	1*09	
65 [ ]	73 [ ]	81 [ ]	88 [ ]	2nd RCVR
66 [ ]	74 [ ]	82 [ ]	89 [ ]	2nd RCVR
67 [ ]	75 [ ]	83 [ ]	90 [ ]	1st RCVR
68 [ ]	76 [ ]	84 [ ]	91 [ ]	1st RCVR
69 [ ]	77 [ ]	85 [ ]		
70 [ ]	78 [ ]	86 [ ]		
71 [ ]	79 [ ]	87 [ ]		Voice Module
72 [ ]	80 [ ]			

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			73			Alarm Rst.
66			74			Trouble
67			75			Trble Rst.
68			76			Bypass
69			77			Byps Rstt
70			78			
71			79			
72			80			

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

	1*40 First Digit	**1*41** Second Digit
Armed STAY		
Time/Date set or event log reset		
Event log 50% & 90% full		
Event log overflow		
Exit Error (Zone)		
Exit Error (User)		
Recent Close		

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" forUL.

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 Alrm Chck Byps O/C Systm

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 Warrning 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 1st Digit	**2*14** 2nd Digit	
		Early opening report code
		Early closing report code
		Late opening report code
		Late closing report code
		No opening (late to open) report code
		No closing (late to close) report code
		Auto-arm failure report code
		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		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+✶ panic)
7		15	23	96	(3+ # panic)
8		16	24	99	(✶+ # 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

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 Shutdwn	System Shutdwn Download Program	Not Used	Remote Bypass	Remote Disarm	Remote Arm	Upload 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]

	***54** CODE	***55** ID		***56** CODE	***57** ID	***58**	
1			9				Alarm Rst.
2			10				Trouble
3			11				Trble Rst.
4			12				Bypass
5			13				Bypss Rst.
6			14				
7			15				
8			16				

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

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

***78**

☐	Alarm Rst.
☐	Trouble
☐	Trble Rst.
☐	Bypass
☐	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

1	2	3	4	5	6	7	8
☐	☐	☐	☐	☐	☐	☐	☐

***80** FOR TYPES 9/10

9	10
☐	☐

SYSTEM NON ALARM CODES

	***81** First Digit	***82** Second Digit
Close		
Open		
Low Battery		
Low Bat Res		
AC Loss		
AC Restore		
Test		
Power		
Cancel		
Prog. Tamp.		

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 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

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 [|]	33 [|]	41 [|]	49 [|]	57 [|]
29 [|]	34 [|]	42 [|]	50 [|]	58 [|]
30 [|]	35 [|]	43 [|]	51 [|]	59 [|]
31 [|]	36 [|]	44 [|]	52 [|]	60 [|]
32 [|]	37 [|]	45 [|]	53 [|]	61 [|]
	38 [|]	46 [|]	54 [|]	62 [|]
	39 [|]	47 [|]	55 [|]	63 [|]
	40 [|]	48 [|]	56 [|]	64 [|]

1*06	1*07	1*08	1*09	
65 [|]	73 [|]	81 [|]	88 [|]	2nd RCVR
66 [|]	74 [|]	82 [|]	89 [|]	2nd RCVR
67 [|]	75 [|]	83 [|]	90 [|]	1st RCVR
68 [|]	76 [|]	84 [|]	91 [|]	1st RCVR
69 [|]	77 [|]	85 [|]		
70 [|]	78 [|]	86 [|]		
71 [|]	79 [|]	87 [|]		Voice Module
72 [|]	80 [|]			

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

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 [|]	[|]	73 [|]	[|]	[|]	Alarm Rst.
66 [|]	[|]	74 [|]	[|]	[|]	Trouble
67 [|]	[|]	75 [|]	[|]	[|]	Trble Rst.
68 [|]	[|]	76 [|]	[|]	[|]	Bypass
69 [|]	[|]	77 [|]	[|]	[|]	Byps Rstt
70 [|]	[|]	78 [|]	[|]		
71 [|]	[|]	79 [|]	[|]		
72 [|]	[|]	80 [|]	[|]		

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

	1*40 First Digit	**1*41** Second Digit
Armed STAY		
Time/Date set or event log reset		
Event log 50% & 90% full		
Event log overflow		
Exit Error (Zone)		
Exit Error (User)		
Recent Close		

1*42 CALL WAITING DEFEAT [0]
1=Yes; 0=No

1*43 PERM. KEYPAD BACKLIGHT Partition-Specific

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

1*45 EXIT DELAY SOUNDING Partition-Specific

1*46 AUXILIARY OUTPUT MODE [0]
0=ground start; 1=open/close trigger; 2=keypad sounding; 3=AAV trigger

1*47 CHIME ON EXT. SIREN Partition-Specific

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 Partition-Specific

1*53 DOWNLOAD CALLBACK [0]
1=callback not required; 0=callback required; Must be "0" forUL.

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 Alrm Chck Byps O/C Systm

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 PARTITION Partition-Specific

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 DURINGARM/DISARM WINDOWS Partition-Specific

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 1st Digit	**2*14** 2nd Digit	
[|]	[|]	Early opening report code
[|]	[|]	Early closing report code
[|]	[|]	Late opening report code
[|]	[|]	Late closing report code
[|]	[|]	No opening (late to open) report code
[|]	[|]	No closing (late to close) report code
[|]	[|]	Auto-arm failure report code
[|]	[|]	Access schedule changed report code

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.

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** BURG. 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 Warrning 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:

ZONE PROG?
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

SERIAL PROG?
0=no 1=yes

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

ALPHA PROG?
0=no 1=yes

For entering alpha descriptors for the following:
- Zone Descriptors
- Installer's Message
- Custom Words
- Partition Descriptors
- Relay Descriptors

DEVICE PROG?
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

RELAY PROG?
0=no 1=yes

For defining output relay functions.

RLY VOICE DESCR?
0=no 1=yes

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

CUSTOM INDEX #?
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
[✶]	Serves as ENTER key. Press to have keypadaccept 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 # Arm?	Auth. level	open/ close	Global Arm?	2-digit user #	Auth. level	open/ close	Global Arm?	2-digit user #	Auth.	open/	Global level

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

† Enter loop number on module

Loop number must be 1 for hardwire and DIP devices)

Zone No.	Zone Type	Partition (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	Zone Information (part numbers) & Alpha Descriptor (3 words max.)
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											
			RF Trans. Type†			DIP	DIP				† Enter loop number on module
Zone No.	Zone Type	Partition (1-8)	RF (3)	UR (4)	BR (5)	RPM left loop	RPM right loop	Ser. RPM†	Hard Wired	Report Code	Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
73											
74											
75											
76											
77											
78											
79											
80											
81											
82											
83											
84											
85											
86											

Zone Types:

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

PRINTER OPTIONS	
12 or 24 hour Time format	
Printer On-Line (yes/no)	
1200 or 300 baud Printer Baud Rate	

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

EVENT LOG TYPES		
Option	**No (4)**	**Yes (4)**
Alarm		
Trouble		
Bypass		
Open/Close		
System		

NOTES:

ALARM DEVICE MANUFACTURING CORPORATION
A DIVISION OF PITTWAY CORPORATION
165 Eileen Way, Syosset, New York 11791

VISTA50P-PRV1 Rev B 4/99