



# <sup>®</sup> **ADEMCO**

## **2-Partitioned Security System**

# ***VISTA-40***

## **PROGRAMMING GUIDE**

**Includes  
Single Partition and 2-Partition  
Programming Forms**

Purpose of this document

This document contains two programming forms for use when programming the VISTA-40. One form is intended for use with single partition systems and the other is intended for use with 2-partition systems.

**Programming Guide • Programming Guide • Programming Guide • Programming Guide**

N7001PRV2 6/97  
(See Instructions N7001-INSTV2)  
Part of N7001V2

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## Other Documents Provided With The VISTA-40

<i>Document</i>	<i>Purpose and Content</i>
<b>Installation Instructions</b>	Use the Installation Instructions portion of this manual when installing the hard-ware components of the installation, including hardwired zones, wireless transmitters, powering the control, etc. Use the <b>Programming Procedures</b> section of the installation manual when programming the system. It provides detailed programming procedures and descriptions of all data fields. It also provides detailed procedures for using #93 Menu Mode. A Summary Of Connections Diagram is provided at the back of the Installation Instructions.
<b>User's Manual</b>	Intended for the end user, this manual provides procedures for system operation.

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This Programming Guide includes basic programming information, a brief overview of the programming procedure with #93 Menu Mode, Changing Response type & Report Codes (Expert Mode), Single and 2-Partition Programming Forms, plus System Layout Worksheets.

**NOTE:** Throughout this manual, the term "alpha keypad" refers equally to the 6139 Alpha keypad or 6139AV Voice/Alpha keypad.

## Two programming forms are provided: A Single Partition Form and a 2-Partition Form.

- Make sure that one alpha or voice/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 SINGLE PARTITION PROGRAMMING FORM beginning on page 4 when programming for single partition usage.

### **Two-Partition System**

- You must enter "2" in data field 2\*00 to set the system for two partitions. Use the 2-PARTITION PROGRAMMING FORM beginning on page 8 when programming the system for two partitions.

### **#93 Menu Mode**

- Because the control supports various types of input devices (such as button type transmitters, serial number polling loop devices, etc.), zone characteristics, including zone response types and report codes, must be programmed using the #93 Menu Mode procedure.
- In addition to programming zone information, #93 Menu Mode is required for enrolling serial numbers, programming alpha descriptors, programming device characteristics and for programming relay output functions.
- Refer to the separate INSTALLATION INSTRUCTIONS manual for detailed procedures when using #93 Menu Mode.

# VISTA-40 SINGLE PARTITION PROGRAMMING FORM

Use the Single Partition Programming Form only if your system is set up as a single partition system.

For 2-partition systems, use the form titled "VISTA-40 Two-Partition Programming Form."

## Steps To Programming a Single Partition VISTA-40 System

**IMPORTANT:** A 2-Line Alpha keypad<sup>†</sup> is required for programming the VISTA-40.

<sup>†</sup> Throughout this manual, the term "alpha keypad" refers equally to the 6139 Alpha keypad or 6139AV Voice/Alpha keypad.

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

1. Enter Programming Mode (enter installer code + [8] + [0] + [0]).
2. Program the data fields shown on the programming form.

**NOTE:** Zone Response Type and Report Code fields will automatically appear during normal programming, but must be skipped if the zone has not been previously programmed using #93 Menu Mode (see step 3 below). These fields are bordered by a dotted line on the programming forms and include:

\*02 - \*05 and 1\*01 - 1\*09 ASSIGN RESPONSE TYPES  
\*54 - \*78 REPORT CODES

To skip these fields when they appear, press [\*] plus the next data field number to be programmed. For example, to skip fields \*02 - \*05 in a one partition system, press [\*] plus "09." Field \*09 ENTRY DELAY #1 appears.

3. Enter #93 Menu Mode by pressing #93 while in programming mode, then do the following in the order presented:
  - Use the DEVICE PROG. prompts to program device addresses and characteristics.
  - Use the ZONE PROG. prompts to program zone information.
  - Use the RELAY PROG. prompts to program relay output information.
  - Use the ALPHA PROG. prompts to program alpha descriptors.
  - Use the SERIAL # PROG prompts to program sensor device serial numbers.
  - Use RLY VOICE DESCR. prompts to program relay voice descriptors, if the 4285 Phone Module is used.
  - Use the CUSTOM INDEX prompts to program custom word substitutes, if the 4285 Phone Module is used.

Refer to the #93 Menu Mode section of the separate INSTALLATION INSTRUCTIONS document for detailed procedures when using #93 Menu Mode. A brief overview of this mode is provided later in this document.

### 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.

# VISTA-40 SINGLE PARTITION PROGRAMMING FORM

Standard default (\*97) values are shown in brackets [ ], otherwise default = 0.

**\*00** INSTALLER CODE [4140]      
Enter 4 digits, 0-9

**\*02 - \*05** ASSIGN RESPONSE TYPE FOR ZONES  
Skip these fields. Use #93 Menu Mode, Zone Programming to program response types.

**\*09** ENTRY DELAY #1 [02]    
(00-15 times 15 seconds)

**\*10** EXIT DELAY #1 [03]    
(00-15 times 15 seconds)

**\*11** ENTRY DELAY #2 [06]    
(00-15 times 15 seconds)

**\*12** EXIT DELAY #2 [08]    
(00-15 times 15 seconds)

**\*13** ALARM SOUNDER DURATION [04]    
01-15 times 2 minutes. Minimum 4 minutes for UL.

**\*14** ZONE 9 FAST/SLOW RESPONSE   
1=fast; 0= slow; "0" for UL.

**\*15** KEYSWITCH ASSIGNMENT   
Enter partition in which keyswitch used, 1-2; 0=disable

**\*16** CONFIRMATION OF ARMING DING   
1=enable; 0=disable

**\*17** AC LOSS KEYPAD SOUNDING   
1=yes; 0=no

**\*18** UL AC LOSS SIREN   
1=yes; 0=no

**\*19** RANDOMIZE AC LOSS REPORT   
1=randomize 10-40 min.; 0=no

**\*20** 4285 PHONE MODULE ACCESS CODE      
Enter 01-09 for 1st digit; 11 (for T) or 12 (for #) for 2nd digit To disable voice module, enter 1st digit = 00 & 2nd digit = 11

**\*21** PREVENT FIRE TIME-OUT   
1=no timeout; 0=fire timeout

**\*22** KEYPAD PANIC ENABLES [0-0-1]     
1=enable; 0=disable  
95 96 99

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

**\*24** IGNORE EXPANSION ZONE (RF, RPM) TAMPER   
1=disable; 0=enable

**\*25** LRR BURG.TRIGGER FOR TYPE 8 [1]   
1=enable; 0=disable

**\*26** INTELLIGENT TEST REPORTING   
Set "0" for UL 1=yes, (no report sent if any other report was recently sent); 0=no

**\*27** TEST REPORT INTERVAL [024]     
Enter interval in hours, 001-199; 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   
1=TouchTone; 0=rotary

**\*31** PABX ACCESS CODE      
00-09; B-F (11-15)

**\*32** PRIM. SUBS. ACCT #      
Enter 00-09; B-F (11-15) [15 15 15 15]

**\*33** PRIMARY PHONE NUMBER              
Enter 0-9 for each digit, or #11 (T), #12 (#), #13 (pause)

**\*34** SECONDARY PHONE NUMBER              
Enter 0-9 for each digit, or #11 (T), #12 (#), #13 (pause)

**\*35** DOWNLOAD PHONE No.              
Enter 0-9 for each digit, or #11 (T), #12 (#), #13 (pause)

**\*36** DOWNLOAD ID No.              
Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15]

**\*37** DOWNLOAD COMMAND ENABLES           
Dialer System Not Remote Remote Remote Upload Download  
Shutdown Shutdown 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    
01-64; 00 if all zones (except Fire zones) can be bypassed

**\*39** OPEN/CLOSE REPORT FOR INSTALLER   
1=enable; 0=disable

**\*40** OPEN/CLOSE REPORTING FOR KEYSWITCH   
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=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    
01-14; 15=answering machine; 00=no detection; Do not set to 00 if voice module is used, or 01 if VIM module is used.

**\*45** PRIMARY FORMAT   
0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*46** LOW SPEED FORMAT (Primary)   
0=Ademco Low Speed; 1=Sescoa/Radionics

**\*47** SECONDARY FORMAT   
0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*48** LOW SPEED FORMAT (Sec.)   
0=Ademco Low Speed; 1=Sescoa/Radionics

**\*49** CHECKSUM VERIFICATION 1=yes; 0=no    
Prim Scndry

**\*50** SESCOA/RADIONICS SELECT   
1=Sescoa; 0=Radionics

**\*51** DUAL REPORTING   
1=yes; 0=no; If used with Split Reporting "1" option (1\*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.

**\*52** STANDARD/EXPANDED REPORT FOR PRIMARY        
Alarm Rstr Bypass Trbl Opn/Cls Low Bat  
0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

**\*53** STANDARD/EXPANDED REPORT FOR SECONDARY        
Alarm Rstr Bypass Trbl Opn/Cls Low Bat  
0=Standard; 1=Expanded; Note: Expanded Overrides 4+2 Format.

# VISTA-40 SINGLE PARTITION PROGRAMMING FORM

**\*54 - \*57** ALARM REPORT CODE & ID DIGITS FOR ZONES 1-16. Skip these fields. Use #93 Menu Mode, Zone Programming to assign report codes.

**\*58** SUPV. & RESTORE CODES for zones 1-16

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

**\*59 - \*62** ALARM REPORT CODE & ID DIGITS FOR ZONES 17-32. Skip these fields. Use #93 Menu Mode, Zone Programming to assign report codes.

**\*63** SUPV. & RESTORE CODES for zones 17-32

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

**\*64 - \*67** ALARM REPORT CODE & ID DIGITS FOR ZONES 33-48. Skip these fields. Use #93 Menu Mode, Zone Programming to assign report codes.

**\*68** SUPV. & RESTORE CODES for zones 33-48

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

**\*69 - \*72, \*74 - \*77** ALARM REPORT CODE & ID DIGITS FOR ZONES 49-99. Skip these fields. Use #93 Menu Mode, Zone Programming to assign report codes.

**SUPV. & RESTORE CODES**

**\*73** (for zones 49-64)      **\*78** (for zones 87-99)

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

**ZONE TYPE RESTORE ENABLES** 1=enable; [0]=disable

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

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	2	3	4	5	6	7	8	9	10

**SYSTEM NON ALARM CODES**

	<b>*81</b>	<b>*82</b>
	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  [03]   
 01-15 alarms ; Must be "00" (disabled) for UL.

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

**\*86** 4208 MODULE ZONE ASSIGNMENT   
 1=allows 8 zone numbers (10-17) on one module, but prevents any other polling loop expansion; 0=Otherwise

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

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

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

**\*90** 2nd SUBS. ACCT #      
 Enter 00-09; B-F (11-15) [15 15 15 15]

**2nd Page Programming Fields**  
 (press \*94)

**1\*01 - 1\*09** ASSIGN RESPONSE TYPE FOR ZONES  
 Skip these fields. Use #93 Menu Mode, Zone Programming to assign response types

**1\*28** RF TX LOW BATTERY SOUND   
 1=immediate; 0=when disarmed; Must be "1" for UL

**1\*29** RF TX LOW BATTERY REPORT ENABLE   
 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   
 1=4281 ; 2=5881; 0=NONE

**1\*33** TOUCH-TONE W/ROTARY BACKUP ENABLE   
 1=enable; 0=disable

# VISTA-40 SINGLE PARTITION PROGRAMMING FORM

**1\*34 COMM. SPLIT REPORT SELECTION**   
 0=no; 1=alarms primary, others secondary;  
 2=open/close, test secondary, others primary; See \*51 for notes.

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

**1\*40**      **1\*41**  
 First Digit      Second Digit

Armed STAY

Time/Date set or event log reset

**1\*43 PERM. KEYPAD BACKLIGHT**   
 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 TAMPER DETECT ENABLE**   
 1=enable; 0=disable

**1\*45 EXIT DELAY SOUNDING**   
 1=enable; 0=disable Produces quick beeping during exit delay if enabled.

**1\*46 AUXILIARY OUTPUT MODE**   
 0=ground start; 1=open/close trigger; 2=keypad sounding; 3=Non-Ademco AAV unit trigger

**1\*47 CHIME ON EXT SIREN**   
 1=enable; 0=disable

**1\*48 WIRELESS KEYPAD ASSIGNMENT**   
 0=disable; enter partition in which RF keypad used, 1-2.

**1\*49 SUPPRESS TX SUPERVISION SOUND** [1]   
 1=disable; 0=enable.  
 Must be "0" for UL.

**1\*52 SEND CANCEL IF ALARM + OFF**   
 1=no restriction; 0=within Bell Timeout period only

**1\*53 DOWNLOAD CALLBACK**   
 1=callback not required; 0=callback required; Must be "0" for UL.

**1\*57 ENABLE 5800 RF BUTTON GLOBAL ARM**   
 Enter "1" to have the system arm/disarm following the button's user's global arm settings. Enter "0" if the button is not to be used to global arm the system.

**1\*58 ENABLE 5800 RF BUTTON FORCE BYPASS**   
 If zone is faulted after pressing button, keypad will beep once. User should press button again within 4 sec. to force bypass those zones. Enter 1 if force bypass is desired. Enter 0 if not desired.

**1\*59 VIM AUDIO CALLBACK ID**      
 Enter the 4-digit callback code. (0-9 for each digit) This code is required when the central station operator wants to initiate a 2-way voice session after a session was terminated via callback option (operator presses 88). Entering 0000 disables operator callback.

**1\*60 AAV MODULE SELECT**   
 "0" must be entered when Ademco AAV VIM module is used. Enter "1" only if another manufacturer's AAV unit is used.

**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=12 hour; 1=24 hour

**1\*74 RELAY TIMEOUT XX MINUTES**    
 Enter the relay timeout, **0-127** in multiples of 2 minutes, desired for #93 Menu Mode Relay Programming output command "56".

**1\*75 RELAY TIMEOUT YY SECONDS**    
 Enter the relay timeout, **0-127** seconds, desired for #93 Menu Mode Relay Programming command "57".

**1\*76 ACCESS CONTROL RELAY FOR PARTITION**    
 Enter relay number that will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-08 [00]=none

## 3rd Page Programming Fields (press \*94)

### PARTITIONING SETUP FIELDS

**2\*00 NUMBER OF PARTITIONS** [1]   
 Enter 1 for single partition systems.

**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 [default is 1st Sunday in April, last in Oct.]

**2\*17 NUMBER OF CODES PER PARTITION** [69] 1    
 Enter 01-69. Total must be less than or equal to 70. [01] 2

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

**2\*19 USE PARTITION DESCRIPTORS**   
 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**     
 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

# VISTA-40 TWO-PARTITION PROGRAMMING FORM

Use the Two-Partition Programming Form if your system is set up for two partitions.

For single partition systems, use the form titled "VISTA-40 Single Programming Form."

**IMPORTANT: A 2-Line Alpha keypad† is required for programming the VISTA-40.**

† Throughout this manual, the term "alpha keypad" refers equally to the 6139 Alpha keypad or 6139AV Voice/Alpha keypad.

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

1. Enter Programming Mode (enter **installer code** + [8] + [0] + [0]).
2. Go to field 2\*00 and enter "2" to set the system for two partitions.

When set for two partitions, there are some data fields that are system-wide (global) and some that are "partition-specific." The partition-specific fields, shown shaded on the form, can be assigned different values for each partition, and these fields are automatically skipped when programming system-wide fields. To program partition-specific fields, see step 4 below.

3. Program the system-wide (global) data fields shown on the main portion of the programming form. These include all fields except those shown shaded and Zone Response Type and Report Code fields, which require using #93 Menu Mode to program (see step 5 below).

**NOTE:** zone response Type and Report Code fields will automatically appear during normal programming, but must be skipped if the zone has not been previously programmed using #93 Menu Mode (see step 5 below). These fields are bordered by a dotted line on the programming forms and include: \*02-\*05 and 1\*01-1\*09 ASSIGN RESPONSE TYPES

\*54-\*78 REPORT CODES

To skip these fields when they appear, press [\*] plus the next data field number to be programmed. For example, to skip fields \*02-\*05, press [\*] plus "14." Field \*14 ZONE 9 FAST/SLOW RESPONSE appears.

4. Program the partition-specific data fields by pressing \*91 and entering the partition number you wish to program. The first partition-specific field (\*09 ENTRY DELAY #1) for that partition automatically appears. Refer to the Partition-Specific section of this programming form when programming these fields for each partition.
5. Enter #93 Menu Mode by pressing #93 while in programming mode, then do the following in the order presented:
  - Use the DEVICE PROG. prompts to program device addresses and characteristics.
  - Use the ZONE PROG. prompts to program zone information.
  - Use the RELAY PROG. prompts to program relay output information.
  - Use the ALPHA PROG. prompts to program alpha descriptors.
  - Use the SERIAL # PROG prompts to program sensor device serial numbers.
  - Use RLY VOICE DESCR. prompts to program relay voice descriptors, if the 4285 Phone Module is used.
  - Use the CUSTOM INDEX prompts to program custom word substitutes, if the 4285 Phone Module is used.

Refer to the #93 Menu Mode section of the separate INSTALLATION INSTRUCTIONS document for detailed procedures when using #93 Menu Mode. A brief overview of this mode is provided later in this document.

## 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.

# VISTA-40 TWO-PARTITION PROGRAMMING FORM

**\*00** INSTALLER CODE [4140]   
 Enter 4 digits, 0-9

**\*02 - \*05** ASSIGN RESPONSE TYPE FOR ZONES  
 Skip these fields. Use #93 Menu Mode, Zone Programming to program response types.

**Refer to the 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 FAST/SLOW RESPONSE   
 1=fast; 0= slow; "0" for UL.

**\*15** KEYSWITCH ASSIGNMENT   
 Enter partition in which keyswitch used, 1-2; 0=disable

**\*16** CONFIRMATION OF ARMING DING Partition-Specific

**\*17** AC LOSS KEYPAD SOUNDING   
 1=yes; 0=no

**\*18** UL AC LOSS SIREN   
 1=yes; 0=no

**\*19** RANDOMIZE AC LOSS REPORT   
 1=randomize 10-40 min.; 0=no

**\*20** 4285 PHONE MODULE ACCESS CODE   
 Enter 01-09 for 1st digit; 11 (for T) or 12 (for #) for 2nd digit To disable voice module, enter 1st digit = 00 & 2nd digit = 11

**\*21** PREVENT FIRE TIME-OUT   
 1=no timeout; 0=fire timeout

**\*22** KEYPAD PANIC ENABLES Partition-Specific

**\*23** MULTIPLE ALARMS Partition-Specific

**\*24** IGNORE EXPANSION ZONE (RF, RPM) TAMPER   
 1=disable; 0=enable

**\*25** LRR BURG.TRIGGER FOR TYPE 8 [1]   
 1=enable; 0=disable

**\*26** INTELLIGENT TEST REPORTING   
 Set "0" for UL 1=yes, (no report sent if any other report was recently sent); 0=no

**\*27** TEST REPORT INTERVAL [024]   
 Enter interval in hours, 001-199; 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   
 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, or #11 (T), #12 (#), #13 (pause)

**\*34** SECONDARY PHONE NUMBER  
  
 Enter 0-9 for each digit, or #11 (T), #12 (#), #13 (pause)

**\*35** DOWNLOAD PHONE No.  
  
 Enter 0-9 for each digit, or #11 (T), #12 (#), #13 (pause)

**\*36** DOWNLOAD ID No.  
  
 Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15]

**\*37** DOWNLOAD COMMAND ENABLES  
 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 FOR INSTALLER Partition-Specific

**\*40** OPEN/CLOSE REPORTING FOR KEYSWITCH   
 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=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   
 01-14; 15=answering machine; 00=no detection; Do not set to 00 if voice module is used.

**\*45** PRIMARY FORMAT   
 0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*46** LOW SPEED FORMAT (Primary)   
 0=Ademco Low Speed; 1=Sescoa/Radionics

**\*47** SECONDARY FORMAT   
 0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express

**\*48** LOW SPEED FORMAT (Sec.)   
 0=Ademco Low Speed; 1=Sescoa/Radionics

**\*49** CHECKSUM VERIFICATION    
 1=yes; 0=no Prim Scndry

**\*50** SESCOA/RADIONICS SELECT   
 1=Sescoa; 0=Radionics

**\*51** DUAL REPORTING   
 1=yes; 0=no; If used with Split Reporting "1" option (1\*34), alarms go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, open/close and test messages go to both lines, while all other reports go to primary.

**\*52** STANDARD/EXPANDED REPORT FOR PRIMARY  
 Alarm  Rstr  Bypass  Trbl  Opn/Cls  Low Bat  
 0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

**\*53** STANDARD/EXPANDED REPORT FOR SECONDARY  
 Alarm  Rstr  Bypass  Trbl  Opn/Cls  Low Bat  
 0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

**\*54- \*57, \*59- \*62, \*64- \*67, \*69- \*72, \*74- \*77**  
 ALARM REPORT CODE & ID DIGITS FOR ZONES  
 Skip these fields. Use #93 Menu Mode, Zone Programming to assign report codes.

**SUPV. & RESTORE CODES**

<b>*58</b> (zones 1-16)	<b>*63</b> (zones 17-32)	<b>*68</b> (zones 33-48)	<b>*73</b> (zones 49-64)
<input type="text" value=""/> Alm Rst.	<input type="text" value=""/> Alm Rst.	<input type="text" value=""/> Alm Rst.	<input type="text" value=""/> Alm Rst.
<input type="text" value=""/> Trouble	<input type="text" value=""/> Trouble	<input type="text" value=""/> Trouble	<input type="text" value=""/> Trouble
<input type="text" value=""/> Trble Rst.	<input type="text" value=""/> Trble Rst.	<input type="text" value=""/> Trble Rst.	<input type="text" value=""/> Trble Rst.
<input type="text" value=""/> Bypass	<input type="text" value=""/> Bypass	<input type="text" value=""/> Bypass	<input type="text" value=""/> Bypass
<input type="text" value=""/> Bypst Rst.	<input type="text" value=""/> Bypst Rst.	<input type="text" value=""/> Bypst Rst.	<input type="text" value=""/> Bypst Rst.



# VISTA-40 TWO-PARTITION PROGRAMMING FORM

## SUPV. & RESTORE CODES

**\*78** (zones 87-99)

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

ZONE TYPE RESTORE ENABLES 1=enable; 0=disable

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

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	8	9	10

## SYSTEM NON ALARM CODES

	<b>*81</b>	<b>*82</b>	
	First Digit	Second Digit	
Close	<input type="checkbox"/>	<input type="checkbox"/>	Second digit of each code applies only to 4+2 or expanded (fields *52 & *53) formats.
Open	<input type="checkbox"/>	<input type="checkbox"/>	
Low Battery	<input type="checkbox"/>	<input type="checkbox"/>	
Low Bat Res	<input type="checkbox"/>	<input type="checkbox"/>	
AC Loss	<input type="checkbox"/>	<input type="checkbox"/>	
AC Restore	<input type="checkbox"/>	<input type="checkbox"/>	
Test	<input type="checkbox"/>	<input type="checkbox"/>	
Power	<input type="checkbox"/>	<input type="checkbox"/>	
Cancel	<input type="checkbox"/>	<input type="checkbox"/>	
Prog. Tamp.	<input type="checkbox"/>	<input type="checkbox"/>	

**\*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

**\*86** 4208 MODULE ZONE ASSIGNMENT   
 1=allows 8 zone numbers (10-17) on one module, but prevents any other polling loop expansion 0=Otherwise

**\*87** ENTRY WARNING Partition-Specific

**\*88** BURG. ALARM COMM. DELAY Partition-Specific

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

**\*90** 2nd SUBS. ACCT # Partition-Specific

## 2nd Page Programming Fields (press \*94)

1\*01 - 1\*09 ASSIGN RESPONSE TYPE FOR ZONES  
 Skip these fields. Use #93 Menu Mode, Zone Programming to assign response types

## MISCELLANEOUS WIRELESS OPTIONS

**1\*28** RF TX LOW BATTERY SOUND   
 1=immediate; 0=when disarmed; Must be "1" for UL

**1\*29** RF TX LOW BATTERY REPORT ENABLE   
 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   
 1=4281; 2=5881; 0=NONE

**1\*33** TOUCH-TONE W/ROTARY BACKUP ENABLE   
 1=enable; 0=disable

**1\*34** COMM. SPLIT REPORT SELECTION   
 0=no; 1=alarms primary, others secondary;  
 2=open/close, test secondary, others primary; See \*51 for comments.

## DIALER CODES ( Armed Stay, Time Set & Event Logging)

	<b>1*40</b>	<b>1*41</b>
	First Digit	Second Digit
Armed STAY	<input type="checkbox"/>	<input type="checkbox"/>
Time/Date set or event log reset	<input type="checkbox"/>	<input type="checkbox"/>

**1\*43** PERM. KEYPAD BACKLIGHT Partition-Specific

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

**1\*45** EXIT DELAY SOUNDING Partition-Specific

**1\*46** AUXILIARY OUTPUT MODE   
 0=ground start; 1=open/close trigger; 2=keypad sounding  
 3=Non-Ademco AAV unit trigger

**1\*47** CHIME ON EXT SIREN Partition-Specific

**1\*48** WIRELESS KEYPAD ASSIGNMENT   
 0=disable; enter partition in which RF keypad used, 1-2.

**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   
 1=callback not required; 0=callback required; Must be "0" for UL.

**1\*57** ENABLE 5800 RF BUTTON GLOBAL ARM   
 Enter "1" to have the system arm/disarm following the button's user's global arm settings. Enter "0" if the button is not to be used to global arm the system.

**1\*58** ENABLE 5800 RF BUTTON FORCE BYPASS   
 If zone is faulted after pressing button, keypad will beep once. User should press button again within 4 sec. to force bypass those zones. Enter 1 if force bypass is desired. Enter 0 if not desired.

**1\*59** VIM AUDIO CALLBACK ID      
 Enter the 4-digit callback code. (0-9 for each digit) This code is required when the central station operator wants to initiate a 2-way voice session after a session was terminated via callback option (operator presses 88). Entering 0000 disables operator callback.

**1\*60** AAV MODULE   
 "0" must be entered when Ademco AAV VIM module is used. Enter "1" only if another manufacturer's AAV unit is used.

**1\*70** EVENT LOG TYPES       
 1=enable logging; 0=disable Alarm Chk Byps O/C System

**1\*71** 12/24 HOUR TIME STAMP FORMAT   
 0=12 hour; 1=24 hour

**1\*74** RELAY TIMEOUT XX MINUTES    
 Enter the relay timeout, 0-127 in multiples of 2 minutes, desired for #93 Menu Mode Relay Programming output command "56".

**1\*75** RELAY TIMEOUT YY SECONDS     
 Enter the relay timeout, 0-127 seconds, desired for #93 Menu Mode Relay Programming command "57".

**1\*76** ACCESS CONTROL Partition-Specific

# VISTA-40 TWO-PARTITION PROGRAMMING FORM

## 3rd Page Programming Fields (press \*94)

**2\*00** NUMBER OF PARTITIONS [1]   
Enter 2 for two partition systems.

**2\*01** DAYLIGHT SAVINGS TIME  |   
START/END MONTH Start End  
00-12; if no daylight savings time, enter 00,00; default=04,10]

**2\*02** DAYLIGHT SAVINGS TIME  |   
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\*17** NUMBER OF CODES PER PARTITION 1  |   
Enter 01-69. Total must be less than or equal to 70. 2  |   
[Default=69 in part. 1; 01 in partition 2]

**2\*18** ENABLE GOTO FOR THIS PARTITION Partition-Specific

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

**2\*20** ENABLE J7 TRIGGERS BY PARTITION Partition-Specific

**2\*21** ENABLE SUPERVISION PULSES FOR LRR TRIGGER OUTPUTS  |  |   
Used for supervised connection to 7920SE.  
Enter 0 to disable or 1 to enable the listed outputs.  
F= Fire; B= Burglary; S= Silent panic/duress

# VISTA-40 TWO-PARTITION PROGRAMMING FORM

## PARTITION-SPECIFIC FIELDS (PARTITION #1)

### To program these fields,

1. Press \*91 to select a partition.
2. Enter a partition-specific field number (ex. \*09).
3. Repeat steps 1 & 2 for each partition in the system.
4. To return to the global program fields, enter a global field number.

### PARTITION # 1 PROGRAM FIELDS

#### 1st Page Fields

- \*09** ENTRY DELAY #1 [02]  |   
 (00-15 times 15 seconds)
- \*10** EXIT DELAY #1 [03]  |   
 (00-15 times 15 seconds)
- \*11** ENTRY DELAY #2 [06]  |   
 (00-15 times 15 seconds)
- \*12** EXIT DELAY #2 [08]  |   
 (00-15 times 15 seconds)
- \*13** ALARM SOUNDER DURATION [04]  |   
 01-15 times 2 minutes. Minimum 4 minutes for UL.
- \*16** CONFIRMATION OF ARMING DING   
 1=enable; 0=disable
- \*22** KEYPAD PANIC ENABLES [0-0-1]     
 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  |   
 01-64; 00 if all zones (except Fire zones) can be bypassed
- \*39** ENABLE OPEN/CLOSE REPORT   
 FOR INSTALLER CODE 1=enable; 0=disable
- \*84** SWINGER SUPPRESSION [03]  |   
 01-15 alarms; Must be "00" (disabled) for UL.
- \*85** ENABLE DIALER REPORTS      
 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   
 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\*43** PERM. KEYPAD BACKLIGHT   
 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   
 1=enable; 0=disable; Produces quick beeping during exit delay if enabled.
- 1\*47** CHIME ON EXT SIREN   
 1=enable; 0=disable
- 1\*52** SEND CANCEL IF ALARM + OFF   
 1=no restriction; 0=within Bell Timeout period only
- 1\*76** ACCESS CONTROL RELAY FOR PARTITION  |   
 Enter relay number that will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-08 00=none

#### 3rd Page Fields

- 2\*18** ENABLE GOTO FOR THIS PARTITION   
 1=enable; 0=disable
- 2\*20** ENABLE J7 TRIGGERS by PARTITION [1]   
 0=disable for displayed partition; 1=enable for displayed partition

# VISTA-40 TWO-PARTITION PROGRAMMING FORM

## PARTITION-SPECIFIC FIELDS (PARTITION #2)

### To program these fields,

1. Press \*91 to select a partition.
2. Enter a partition-specific field number (ex. \*09).
3. Repeat steps 1 & 2 for each partition in the system.
4. To return to the global program fields, enter a global field number.

### PARTITION # 2 PROGRAM FIELDS

#### 1st Page Fields

- \*09** ENTRY DELAY #1 [02]     
 (00-15 times 15 seconds)
- \*10** EXIT DELAY #1 [03]     
 (00-15 times 15 seconds)
- \*11** ENTRY DELAY #2 [06]     
 (00-15 times 15 seconds)
- \*12** EXIT DELAY #2 [08]     
 (00-15 times 15 seconds)
- \*13** ALARM SOUNDER DURATION [04]     
 01-15 times 2 minutes. Minimum 4 minutes for UL.
- \*16** CONFIRMATION OF ARMING DING    
 1=enable; 0=disable
- \*22** KEYPAD PANIC ENABLES [0-0-1]      
 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     
 01-64; 00 if all zones (except Fire zones) can be bypassed
- \*39** ENABLE OPEN/CLOSE REPORT    
 FOR INSTALLER CODE 1=enable; 0=disable
- \*84** SWINGER SUPPRESSION [03]      
 01-15 alarms [15]; Must be "00" (disabled) for UL.
- \*85** ENABLE DIALER REPORTS       
 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    
 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\*43** PERM. KEYPAD BACKLIGHT    
 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    
 1=enable; 0=disable; Produces quick beeping during exit delay if enabled.
- 1\*47** CHIME ON EXT SIREN    
 1=enable; 0=disable
- 1\*52** SEND CANCEL IF ALARM + OFF    
 1=no restriction; 0=within Bell Timeout period only
- 1\*76** ACCESS CONTROL RELAY FOR PARTITION     
 Enter relay number that will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-08 00=none

#### 3rd Page Fields

- 2\*18** ENABLE GOTO FOR THIS PARTITION    
 1=enable; 0=disable
- 2\*20** ENABLE J7 TRIGGERS by PARTITION [1]    
 0=disable for displayed partition; 1=enable for displayed partition

## PROGRAMMING WITH #93 MENU MODE (Overview\*)

**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.**

\* Refer to the #93 Menu Mode section of the separate INSTALLATION INSTRUCTIONS document for detailed programming procedures with this mode.

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
  - Wireless Zone (type RF, UR or BR)
  - 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 (enrolling) 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) and 4204 output relay modules:
- Device Address
  - Device Type
  - Device's Home Partition
  - Keypad Options
  - 4285 Phone Module
  - 2-Way VIM 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 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
[*]	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
01-99	All data entries are 2-digit entries.
00	Escapes from menu mode, back into field programming mode.

## CHANGING ZONE RESPONSE TYPE AND REPORT CODE DATA FIELDS (Expert Mode)

- Because the VISTA-40 supports various types of input devices (such as button type transmitters, serial number polling loop devices, etc.), zone characteristics, including zone response types and report codes, must be initially programmed using #93 Menu Mode. However, once a zone has been programmed, changes in response type or report code can be made using the respective data fields. This section lists these fields.
- Zone Response Type and Report Code fields will automatically appear during normal programming, but must be skipped if the zone has not been previously programmed. These fields include:

\*02 - \*05 and 1\*01 - 1\*09 ASSIGN RESPONSE TYPES  
\*54 - \*78 REPORT CODES

### To program these fields:

- Enter Program Mode (enter installer code + [8] + [0] + [0]).
- Press [\*] followed by the data field you wish to program.
- Refer to the following list of fields when programming Zone Response Types and/or Report Codes.
- Press \*99 to exit program mode when programming is complete.

### ZONE RESPONSE TYPE FIELDS

#### 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:

Use of 1 or 2 RF RCVRs requires enabling their respective faults (88-91) as troubles (type 5).  
Enter 00 if no annunciation is desired.  
88 & 90 = RCVR not receiving transmitter signals.  
89 & 91 = RCVR not responding, bad conn. to panel.  
87 = voice module supervision (type 05)  
93 = VIM supervision (type 05)

**\*02 - \*05 ASSIGN RESPONSE TYPE FOR ZONES 1-27**  
(Enter 00-10; see Response Types below) see fields 1\*01-1\*09 to program response types for zones 28-87.

*02	*03	*04	*05
1 <input type="text"/> [9]	9 <input type="text"/>	17 <input type="text"/>	25 <input type="text"/>
2 <input type="text"/> [3]	10 <input type="text"/>	18 <input type="text"/>	26 <input type="text"/>
3 <input type="text"/> [3]	11 <input type="text"/>	19 <input type="text"/>	27 <input type="text"/>
4 <input type="text"/> [3]	12 <input type="text"/>	20 <input type="text"/>	0 0
5 <input type="text"/> [3]	13 <input type="text"/>	21 <input type="text"/>	97 <input type="text"/> poll loop short
6 <input type="text"/> [3]	14 <input type="text"/>	22 <input type="text"/>	95 <input type="text"/> (1+* or A panic)
7 <input type="text"/> [3]	15 <input type="text"/>	23 <input type="text"/>	96 <input type="text"/> (3+ # or C panic)
8 <input type="text"/> [3]	16 <input type="text"/>	24 <input type="text"/>	99 <input type="text"/> (* + # or B panic)

**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\*09

87 <input type="text"/>	Voice Module
88 <input type="text"/>	2nd RCVR
89 <input type="text"/>	2nd RCVR
90 <input type="text"/>	1st RCVR
91 <input type="text"/>	1st RCVR
0 0	
93 <input type="text"/>	VIM

# CHANGING ZONE RESPONSE TYPE AND REPORT CODE DATA FIELDS

## REPORT CODE FIELDS

**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>*5 8</b>	
1	<input type="text"/>	9	<input type="text"/>	<input type="text"/>	Alarm Rst.
2	<input type="text"/>	10	<input type="text"/>	<input type="text"/>	Trouble
3	<input type="text"/>	11	<input type="text"/>	<input type="text"/>	Trble Rst.
4	<input type="text"/>	12	<input type="text"/>	<input type="text"/>	Bypass
5	<input type="text"/>	13	<input type="text"/>	<input type="text"/>	Byps
6	<input type="text"/>	14	<input type="text"/>		Rst.
7	<input type="text"/>	15	<input type="text"/>		
8	<input type="text"/>	16	<input type="text"/>		
<b>*59 CODE</b>	<b>*60 ID</b>	<b>*61 CODE</b>	<b>*62 ID</b>	<b>*6 3</b>	
17	<input type="text"/>	25	<input type="text"/>	<input type="text"/>	Alarm Rst.
18	<input type="text"/>	26	<input type="text"/>	<input type="text"/>	Trouble
19	<input type="text"/>	27	<input type="text"/>	<input type="text"/>	Trble Rst.
20	<input type="text"/>	28	<input type="text"/>	<input type="text"/>	Bypass
21	<input type="text"/>	29	<input type="text"/>	<input type="text"/>	Byps
22	<input type="text"/>	30	<input type="text"/>		Rst.
23	<input type="text"/>	31	<input type="text"/>		
24	<input type="text"/>	32	<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>*6 8</b>	
33	<input type="text"/>	41	<input type="text"/>	<input type="text"/>	Alarm Rst.
34	<input type="text"/>	42	<input type="text"/>	<input type="text"/>	Trouble
35	<input type="text"/>	43	<input type="text"/>	<input type="text"/>	Trble Rst.
36	<input type="text"/>	44	<input type="text"/>	<input type="text"/>	Bypass
37	<input type="text"/>	45	<input type="text"/>	<input type="text"/>	Byps
38	<input type="text"/>	46	<input type="text"/>		Rst.
39	<input type="text"/>	47	<input type="text"/>		
40	<input type="text"/>	48	<input type="text"/>		
<b>*69 CODE</b>	<b>*70 ID</b>	<b>*71 CODE</b>	<b>*72 ID</b>	<b>*7 3</b>	
49	<input type="text"/>	57	<input type="text"/>	<input type="text"/>	Alarm Rst.
50	<input type="text"/>	58	<input type="text"/>	<input type="text"/>	Trouble
51	<input type="text"/>	59	<input type="text"/>	<input type="text"/>	Trble Rst.
52	<input type="text"/>	60	<input type="text"/>	<input type="text"/>	Bypass
53	<input type="text"/>	61	<input type="text"/>	<input type="text"/>	Byps
54	<input type="text"/>	62	<input type="text"/>		Rst.
55	<input type="text"/>	63	<input type="text"/>		
56	<input type="text"/>	64	<input type="text"/>		

**ALARM REPORT CODE & ID DIGITS FOR ZONES 81-87, RF RCVRs & PANICS, & THEIR SUPV. & RESTORE CODES** [All codes default to 00]

<b>*74 CODE</b>	<b>*75 ID</b>	<b>*76 CODE</b>	<b>*77 ID</b>	
87	<input type="text"/>	89	<input type="text"/>	
88	<input type="text"/>	90	<input type="text"/>	
		91	<input type="text"/>	
			<input type="text"/>	Duress
		93	<input type="text"/>	VIM
		97	<input type="text"/>	Poll loop short
		95	<input type="text"/>	(panic key 1+*)
		96	<input type="text"/>	(panic key 3+#)
		99	<input type="text"/>	(panic key * + #)

**\*7 8**

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

NOTES: 97= Poll Loop Short; 88 & 90 = RCVR not receiving transmitter signals.  
89 & 91 = RCVR not responding, bad conn. to panel. 87 = 4285 phone module supervision  
93 = VIM supervision

# 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 #	# of Users (69 max.*)	Descriptor (4 char max)	Prim. Sub. #	Sec. Sub. #	Alpha Default Message (32 character maximum)
Partition 1					
Partition 2					
Keyswitch Arming Partition Assignment (1-2):					
Wireless Keypad Partition Assignment (1-2):					
VIM 2-Way Voice Module Mode (0-3):                    0=automatic    1=part 1 only    2=part 2 only    3=all					
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 70 user codes can be programmed in the system.

COMMUNICATION OPTIONS BY PARTITION (enter yes/no)		
Option	part 1	part. 2
Swinger Suppression Count 00-15; 00=no suppression		
Cancel Report After Disarm		
Dialer Reports for Panic (A or * + 1)		
Dialer Reports for Panic (C or # + 3)		
Dialer Reports for Panic (B or * + #)		
Dialer Reports for Duress		
Burglary Alarm Communications Delay (16 sec.)		

SYSTEM DEFINITIONS BY PARTITION (enter values or yes/no)		
Option	part 1	part. 2
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 (A or * + 1)		
Keypad Panic for zone 96 (C or # + 3)		
Keypad Panic for zone 99 (B or * + #)		
Allow Sign-on (GOTO function)		
Non-Bypassable Zone (can be any zone 1-64)		
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)		

\*\*no= 3 beeps            yes=continuous



## DEVICES (Keypads, 4204, etc.)

### ADDRESSABLE DEVICE OPTIONS

Device Address	Type	Home Partition	Sounder† Option	Voice†† Keypad #
00				
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				

† Device type 1, 2 and 8 only.

†† 6139AV Voice/Alpha keypads only (device type 8)  
Do not enter identical Voice Keypad # for keypads in the same partition or when using "All" mode.  
Maximum of six 6139AV keypads per system.

#### 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, chime mode beeps

**Device Type:** 0 = device not used, 1 = alpha keypad,  
2 = fixed-word keypad, 3 = RF receiver,  
4 = Output Relay module, 5 = 4285 phone module, 6 = future use, 7 = VIM module,  
8 = 6139AV voice/alpha keypad

### VIM VOICE INTERFACE MODULE OPTIONS

- Device Address (01-15):**
- VIM Partition(0-3):**  0=auto; 1=part. 1; 2=part. 2; 3=All mode
- Max. 2-Way Timeout (0-3):**  0=5 min; 1=10 min; 2=15 min; 3=no timeout
- Chime Others (0, 1):**  0=no; 1=yes
- VIM Text (0, 1):**  0=no; 1=yes
- VIM AC Loss (0,1):**  0=no; 1=yes
- Auto Callback (0, 1)**  0=no; 1=yes

### 6139AV VOICE/ALPHA KEYPAD OPTIONS

Voice Keypad #	Device Address	Keypad Partition	Sound Option	Keypad's Physical Location
01				
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				

**NOTE:** If using "All" mode (mode "3"), make sure there are no duplicate Voice Keypad numbers between the partitions since this means that more than one voice keypad will be on at the same time (i.e., Voice Keypad number "1" in partition 1 and Voice Keypad number "1" in partition 2 is invalid). This does not apply if using partition modes "0", "1" or "2."

## ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 1-2

4-digit Security Code	RF Key? Y/N	Partition 1			Partition 2			NOTES
		2-digit User #	Global Arm?	Auth. Level	Open/Close	2-digit User #	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 (1-2)	RF Trans. Type †			Ser. RPM† typ 6	DIP	DIP	Hard Wired typ 1	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 typ 3	UR typ 4	BR typ 5		RPM left lp typ 7	RPM right lp typ 8			
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 (1-2)	RF Trans. Type <sup>†</sup>			Ser. RPM <sup>†</sup> typ 6	DIP	DIP	Hard Wired typ 1	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 typ 3	UR typ 4	BR typ 5		RPM left lp typ 7	RPM right lp typ 8			
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 49-64

Zone No.	Zone Type	Parti- tion (1-2)	RF Trans. Type <sup>†</sup>			Ser. RPM <sup>†</sup> typ 6	DIP	DIP	Hard Wired typ 1	Report Code	<div style="border: 1px solid black; padding: 2px; font-size: small;">                     † 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 typ 3	UR typ 4	BR typ 5		RPM left lp typ 7	RPM right lp typ 8			
49											
50											
51											
52											
53											
54											
55											
56											
57											
58											
59											
60											
61											
62											
63											
64											

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

REPORTS TO CENTRAL STATION		
Option	No (4)	Yes (4)
Armed Stay		
Time/Date Reset		

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



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