VISTA-100

COMMERCIAL FIRE/BURGLARY 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-100 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-100 SINGLE PARTITION PROGRAMMING FORM beginning on page 6 when programming for single partition usage. Follow the steps outlined on page 3 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-100 MULTIPLE-PARTITION PROGRAMMING FORM beginning on page 10 when programming the system for multiple partitions. Follow the steps outlined on page 3 of this document for proper programming procedure.

SUMMARY OF PROGRAMMING COMMANDS

- **To enter program mode,** enter installer code + [8] + [0] + [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-100 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.

7. **Use #93 Menu Mode for programming relays.**
   Refer to the RELAY PROGRAMMING section to program desired relay operation.

8. **Program Communication options.**
   Refer to the COMMUNICATION PROGRAMMING section for further instructions to load communication defaults and to program related fields. Then use #93 mode to program report codes if necessary.

9. **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.

10. 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.

11. 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.

12. 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.

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

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

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

PROGRAM FIELD CATEGORIES

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

Field	Group	Field	Group	Field	Group
*00	System-Wide	*83	Communications	1*53	System-Wide
*09	Partition-Specific	*84	Partition-Specific	1*57	System-Wide
*10	Partition-Specific	*85	Partition-Specific	1*58	System-Wide
*11	Partition-Specific	*87	Partition-Specific	1*60	System-Wide
*12	Partition-Specific	*88	Partition-Specific	1*70	System-Wide
*13	Partition-Specific	*89	Communications	1*71	System-Wide
*14	System-Wide	*90	Partition-Specific	1*72	System-Wide
*15	System-Wide	1*01	#93 Menu Mode	1*73	System-Wide
*16	Partition-Specific	1*02	#93 Menu Mode	1*74	System-Wide
*17	System-Wide	1*03	#93 Menu Mode	1*75	System-Wide
*18	System-Wide	1*04	#93 Menu Mode	1*76	Partition-Specific
*19	System-Wide	1*05	#93 Menu Mode	2*00	System-Wide
*20	System-Wide	1*06	#93 Menu Mode	2*01	System-Wide
*21	System-Wide	1*07	#93 Menu Mode	2*02	System-Wide
*22	Partition-Specific	1*08	#93 Menu Mode	2*05	Partition-Specific
*23	Partition-Specific	1*09	#93 Menu Mode	2*06	Partition-Specific
*24	System-Wide	1*17	System-Wide	2*07	Partition-Specific
*25	System-Wide	1*18	Partition-Specific	2*08	Partition-Specific
*26	Communications	1*19	Partition-Specific	2*09	Partition-Specific
*27	Communications	1*20	System-Wide	2*10	Partition-Specific
*28	System-Wide	1*21	System-Wide	2*11	System-Wide
*29	Partition-Specific	1*22	System-Wide	2*13	Communications
*30	Communications	1*23	System-Wide	2*14	Communications
*31	Communications	1*24	System-Wide	2*18	Partition-Specific
*32	Partition-Specific	1*25	System-Wide	2*19	Partitioning
*33	Communications	1*28	System-Wide	2*20	Partition-Specific
*34	Communications	1*29	System-Wide	2*21	System-Wide
*35	System-Wide	1*30	System-Wide	2*22	Partition-Specific
*36	System-Wide	1*31	System-Wide	2*23	Partition-Specific
*37	System-Wide	1*32	System-Wide	2*24	Partition-Specific
*38	Partition-Specific	1*33	Communications	3*00	System-Wide
*39	Partition-Specific	1*34	Communications	3*13	System-Wide
*40	Communications	1*35	Communications	3*14	System-Wide
*41	System-Wide	1*36	Communications	3*15	System-Wide
*42	Communications	1*37	Communications	3*16	System-Wide
*43	Communications	1*38	Communications	3*17	System-Wide
*44	Communications	1*39	Communications	3*18	System-Wide
*45	Communications	1*40	Communications	3*19	System-Wide
*46	Communications	1*41	Communications	3*20	System-Wide
*47	Communications	1*42	Communications	3*21	System-Wide
*48	Communications	1*43	Partition-Specific	3*30	System-Wide
*49	Communications	1*44	System-Wide	3*31	System-Wide
*50	Communications	1*45	Partition-Specific	3*57	Partition-Specific
*51	Communications	1*46	System-Wide	3*58	System-Wide
*52	Communications	1*47	Partition-Specific	3*59	Partition-Specific
*53	Communications	1*48	System-Wide	3*60	Partition-Specific
*79	Communications	1*49	System-Wide	3*61	System-Wide
*80	Communications	1*52	Partition-Specific	3*82	System-Wide
				3*85	System-Wide

VISTA 100 SINGLE PARTITION PROGRAMMING FORM

∗00 INSTALLER CODE ☐|☐|☐

Enter 4 digits, 0-9 [5140]

∗08 TEMPORAL SIREN PULSE [0]☐

1 = Yes; 0 = No

∗09 ENTRY DELAY #1 [02]☐

00-15 times 15 seconds
Maximum "03" for UL Commercial Burglary installations.

∗10 EXIT DELAY #1 [03]☐

00-15 times 15 seconds
Maximum "04" for UL Listed installations.

∗11 ENTRY DELAY #2 [06]☐

00-15 times 15 seconds (must be longer than Entry Delay #1)
Maximum "03" for UL Commercial Burglary installations.

∗12 EXIT DELAY #2 [08]☐

00-15 times 15 seconds (must be longer than Exit Delay #1)
Maximum "04" for UL Commercial Burglary installations.

∗13 BELL 1 TIMEOUT [04]☐

01-15 times 2 minutes. Minimum 16 min. for UL Commercial
Burglary and 6 min. for Commercial Fire.

∗15 KEYSWITCH ASSIGNMENT [0]☐

Enter partition in which keyswitch used,
1-8; 9=Silences bells if fire alarm
present; 0=disable

∗16 BELL 1 CONFIRMATION OF ARMING DING [0]☐

1=enable; 0=disable. Must be "1" for UL Burglary Installations.

∗17 AC LOSS KEYPAD SOUNDING [0]☐

1=yes; 0=no

∗18 BELL 1 AC POWER LOSS ALARM [0]☐

1=yes; 0=no. Must be "1" for UL Commercial Burglary.

∗19 RANDOMIZE AC LOSS REPORT [0]☐

1=10-40 min; 2=6-12 hrs; 0=normal report (about 2 min.
after AC loss). Must be "2" for Central and Remote
Station Fire alarm systems.

∗20 VIP MODULE PHONE CODE ☐|☐

Enter 01 - 09 for the first digit; enter   [00] , [00]
11 for "∗" or 12 for "#" for the second digit. This field
Must be set to "0" for Commercial Fire & UL
Commercial Burglary installations.

∗22 KEYPAD PANIC ENABLE [001] ☐ ☐ ☐

1=enable; 0=disable   995   996   999

∗23 MULTIPLE ALARMS [1]☐

1=yes; 0=no

∗24 IGNORE EXPANSION ZONE TAMPER [0]☐

1=Ignore; 0=Enable tamper for RF and RPMs. Must be
"0" for UL installations if using these devices.

∗25 BURG.TRIGGER FOR RESPONSE TYPE 8 [1]☐

1=enable; 0=disable

∗26 INTELLIGENT TEST REPORTING [0]☐

1=yes, (no report sent if any other report was recently
sent); 0=no.. Must be 0 for Commercial Fire & UL
Commercial Burglary.

∗27 TEST REPORT INTERVAL [024]☐|☐

Enter interval in hours, 001-999; 000=no report ; Max.
024 for Commercial Fire & UL.

∗28 POWER UP IN PREVIOUS STATE [1]☐

1=yes; 0=no; "1" for UL.

∗29 QUICK ARM [1]☐

1=yes; 0=no

∗30 MAIN DIALER (TOUCHTONE OR ROTARY) [0]☐

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. Enter #11 for ∗, #12 for #,
#13 for 2 second pause

∗34 SECONDARY PHONE NUMBER

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐

Enter 0-9 for each digit. Enter #11 for ∗, #12 for #,
#13 for 2 second pause

∗35 DOWNLOAD PHONE No.

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
☐ ☐ ☐ ☐

Enter 0-9 for each digit. Enter #11 for ∗, #12 for #,
#13 for 2 second 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 Commercial Fire & UL installations, all
entries must be "0."

∗38 PREVENT ZONE XXX BYPASS [00]☐|☐

001-087; 00 if all zones (except Fire zones) can be bypassed

∗39 ENABLE OPEN/CLOSE REPORT FOR [0]☐

INSTALLER CODE 1=enable; 0=disable

∗40 OPEN/CLOSE REPORT FOR KEYSWITCH [0]☐

1=enable; 0=disable

∗41 NORMALLY CLOSED or EOLR (Zones 3-8) [1]☐

1=N.C.loops; 0=EOLR supervision; Must be "0" for
Commercial Fire & UL.

∗42 DIAL TONE PAUSE [0]☐

0=5 seconds; 1=11 seconds; 2=30 seconds; Must be
"0" Commercial Fire & 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.
Must be "00" for Commercial Fire & UL Burglary.

∗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   Prim Sec

*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 and alarm restores go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, alarms and alarm restores go to both, open/close and test messages go to secondary only, while all other reports go to primary. If used with Split Reporting "3" option, fire alarms and fire supervisory signals go to both primary and secondary , while all other reports go to secondary only.

*52 STANDARD/EXPANDED REPORT FOR PRIMARY

☐ ☐ ☐ ☐ ☐ ☐ [0]

  Alarm   Rstr   Bypass   Trbl   Opn/Cls   Low Bat
  0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

*53 STANDARD/EXPANDED REPORT FOR SECONDARY

☐ ☐ ☐ ☐ ☐ ☐ [0]

  Alarm   Rstr   Bypass   Trbl   Opn/Cls   Low Bat
  0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

ZONE TYPE RESTORE ENABLES

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

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

  1=enable; [0=disable]

*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   995 996 999 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. Must be "0" for UL Commercial Burg. installations.

*89 RESTORE REPORT TIMING [0] ☐

  0=Instant; 1=After bell timeout if zone is restored; 2=when system
  is disarmed. Must be "0" for fire or UL Commercial Burg.

*90 SEC. SUBS. ACCT # | | | | |

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

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. Must be "0" for Commercial Fire & UL
  installations.

1*19 ARMS LOBBY [0] ☐

  Enter 1 if arming this partition attempts to arm lobby;
  enter 0 if it does not. Must be "0" for Commercial Fire & UL
  installations.

1*20 EXIT ERROR LOGIC [0] ☐

  0=No, 1=Bypass E/E and Interior zones faulted after
  exit delay. Must be "0" for Commercial Fire & UL installations.

1*21 EXIT DELAY RESET [0] ☐

  0=No; 1=Resets Exit Delay to 60 seconds after
  zone is closed. Must be "0" for Commercial Fire & UL
  installations.

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 | | | |

MISCELLANEOUS WIRELESS OPTIONS
Fields 1*28 - 1*32 are not applicable to Commercial Fire or UL installations.

1*28 RF TX LOW BATTERY SOUND [0] ☐

  1=immediate; 0=when disarmed;

1*29 RF TX LOW BATTERY REPORT ENABLE [0] ☐

  1=enable; 0=disable

1*30 RF RCVR CHECK-IN INTERVAL [06] |

  02-15 times 2 hours; 00 disables supervision

1*31 RF TRANSMITTER CHECK-IN INTERVAL [12] |

  02-15 times 2 hours; 00 disables transmitter supervision

1*32 RF RECEIVER TYPE [0] ☐

  1=4281; 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 and alarm restores primary, others
  secondary; 2=open/close, test secondary, others primary; 3 =
  fire alarms & troubles primary, all secondary. See *51 for
  comments if using with dual reporting.

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. Must
  be "0" for Commercial Fire and UL installations.

1*45 EXIT DELAY SOUNDING [0] ☐

  1=enable; 0=disable Produces quick beeping during exit delay
  if enabled.

1*47 CHIME ON BELL 1 [0] ☐

  1=enable; 0=disable

1*48 WIRELESS KEYPAD ASSIGNMENT [0] ☐

  0=disable; enter partition in which RF keypad used, 1-8. Must
  be "0" for Commercial Fire and UL installations.

1*49 SUPPRESS TX SUPERVISION SOUND [1] ☐

  1=disable; 0=enable. Must
  be "0" for Commercial Fire and UL installations.

1*52 SEND CANCEL IF ALARM + OFF [0] ☐

  1=no restriction; 0=within bell timeout period only

1 * 5 3 DOWNLOAD CALLBACK [0] ☐

1=callback not required; 0=callback required; Must be "0" for Commercial Fire and UL installations.

1 * 5 7 5800 RF BUTTON GLOBAL ARM [0] ☐

Must be "0" for Commercial Fire and UL installations.

1 * 5 8 5800 RF BUTTON FORCE ARM [0] ☐

Enter "1" to enable. If a zone is faulted after pressing button, console will beep once. User should press button again within 4 sec. to force bypass those zones. Enter "0" to disable. Must be "0" for Commercial Fire and UL installations.

1 * 6 0 ZONE 5 AUDIO ALARM VERIFICATION [0] ☐

Enter 1 If 2-way audio (AAV) is being used; Enter 0 if it is not.

Must be "0" for Commercial Fire and UL installations.

1 * 7 0 EVENT LOG TYPES ☐☐☐☐☐☐

1=enable; 0=disable   Alrm Chck Byps O/C Syst Test Rpt

1 * 7 1 12/24 HOUR TIME STAMP FORMAT [0] ☐

0=12 hour; 1=24 hour

1 * 7 2 EVENT LOG PRINTER ON-LINE [0] ☐

0=disable; 1=enable

1 * 7 3 PRINTER BAUD RATE 1=300; 0=1200 [0] ☐

1 * 7 4 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 * 7 5 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 * 7 6 ACCESS CONTROL RELAY FOR PART.[00] ☐

Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-16; 00=none. Must be "00" for Commercial Fire & UL..

3rd Page Programming Fields (press *94)

2 * 0 0 NUMBER OF PARTITIONS [1] ☐

Enter 1-8

2 * 0 1 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 * 0 5 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 * 0 6 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 * 0 7 AUTO-DISARM DELAY [15] ☐

This is the time between the end of the disarming window and the start of auto-disarming. Enter 01-14 times 4 minutes; 00=instant at end of window; 15=no auto-disarm.

2 * 0 8 ENABLE FORCE ARM FOR AUTO-ARM [0] ☐

0=disable; 1=enable

2 * 0 9 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, in order to prevent false reports when the user arms the system and then reenters the premises to retrieve a forgotten item.

2 * 1 0 ALLOW DISARMING ONLY DURING [0] ☐

ARMING/DISARMING WINDOWS
0=disable; 1=enable
See system-wide field 2*11 if enabling field 2*10. This feature adds high security to the installation.

2 * 1 1 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.

2 * 1 8 ENABLE GOTO FOR THIS PARTITION [0] ☐

1=Allow log-on from other partitions; 0=disable

2 * 1 9 USE PARTITION DESCRIPTORS [0] ☐

0=disable; 1=enable

2 * 2 0 ENABLE J2 TRIGGERS by PARTITION [1] ☐

0=disable for displayed partition; 1=enable for displayed partition

2 * 2 1 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. Enter 1 for Commercial Burglary and UL.

2 * 2 2 DISPLAY FIRE ALARMS OF [0] ☐

OTHER PARTITIONS
0=No; 1=Yes.

2 * 2 3 DISPLAY BURG & PANIC ALARMS OF [0] ☐

OTHER PARTITIONS
0=No; 1=Yes.

2 * 2 4 DISPLAY TROUBLES OF OTHER [0] ☐

PARTITIONS
0=No; 1=Yes.

4th Page Programming Fields (press *94)

3 * 0 0 DISPLAY TRBL INSTEAD OF CHECK [0] ☐

0=Check Displayed; 1=Trbl Displayed

3 * 1 3 SUPV. N.O./N.C. SELECTION [0] ☐

0=Supv. on short/trouble on open; 1=supv. on short or open

3 * 1 4 WATERFLOW SILENCE OPTION [1] ☐

0=Silence on Code + OFF; 1=Silence when waterflow restores

3 * 1 5 ALARM BELL SOUND [1,0] ☐ ☐

0=pulsed; 1=steady   Bell 1   Bell 2

3 * 1 6 DELAY for ZONE TYPES 17 & 18 [00] ☐

(Waterflow & FIre Supv) Enter 00-15 times 2 seconds

3 * 1 7 ALTERNATE FUNCTION (TAMPER) [0] ☐

FOR ZONE 6 0=disabled; 1=enabled

3 * 1 8 EXTENDED DELAY FOR TYPES 17&18 [0] ☐

3 * 1 9 ENABLE J2 HEADER PRINTER PORT [0] ☐

0=pins 5&9 function as per field 3*20; 1=pins 5&9 act as printer RXD & DTR

3*20 TRIGGER OUTPUTS SELECTION [0] ☐

0= LORRA full connection & Remote Console Sounder;
1=LORRA limited conn. & Keyswitch LEDs; 2=LORRA fire
only conn. & 5140LED

3*21 MAX # OF DIALER ATTEMPTS [8] ☐

1-8 (3, 4 or 5 for NFPA72 compliant systems when a
secondary phone number is programmed (field *34)

3*30 DIALER SELECTION [1,0] ☐ ☐

1=enabled; 0=disabled
Main   Backup

3*31 BACKUP DIALER TOUCHTONE/ROTARY [0] ☐

1=TouchTone; 0=Rotary

3*50 ZONE TYPE RESTORE ENABLES ☐ ☐ ☐

FOR ZONE TYPES 16-18
1 = enabled; [0 = disabled]   16   17   18

3*57 BELL 2 & AUX. RELAY CONFIRM ☐ ☐

ARM DING   Bell 2   AUX.
1=enable; [0=disable] . Must be 1 for UL Commercial
Burglary.

3*58 BELL 2 & AUX. RELAY AC POWER ☐ ☐

LOSS ALARM 1=yes; [0=no]   (must be "1" for UL)

3*59 ENABLE BELL 2 & AUX. RELAY ☐ ☐

CHIME ANNUNCIATION   Bell 2   AUX
1=enable; [0=disable]

3*60 BELL 2 & AUX. RELAY TIMEOUT | ☐ | ☐ |

00-15 times 2 minutes; 00=no timeout [00,00] Bell 2   AUX
Must be minimum of 16 minutes for UL Burglary installations.

3*61 AUX. RELAY FUNCTION [1] ☐

0=Trouble/supervisory; 1=Alarm, silenced by code + OFF
2=Smoke Detector Reset; 3=Battery Save; 4=Alarm, silenced
by code + [#] + 67

3*82 ENABLE BURG. FEATURES ON PART. 1 [1] ☐

1=enable; 0=disable; "0" disables AWAY, STAY, MAX,
TEST, INSTANT & CHIME functions

3*85 ENABLE FIRE & SYSTEM ZONE BYPASS [1] ☐

0=not enabled; 1=only installer can bypass]; 2=only installer &
master user can bypass. Applies to fire zone types 9, 16, 17 &
18 and system zones 70-77. Applies to Partition 1 only.

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 100 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.

*00 INSTALLER CODE | | |

Enter 4 digits, 0-9   [5140]

*08 TEMPORAL SIREN PULSE   [0] | |

1 = Yes; 0 = No

*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 BELL 1 TIMEOUT   Partition-Specific

*15 KEYSWITCH ASSIGNMENT   [0] | |

Enter partition in which keyswitch used,
1-8; 9=Silences bells if fire alarm
present; 0=disable

*16 BELL 1 CONFIRMATION   Partition-Specific
OF ARMING DING

*17 AC LOSS KEYPAD SOUNDING   [0] | |

1=yes; 0=no

*18 BELL 1 AC POWER LOSS ALARM   [0] | |

1=yes; 0=no. Must be "1" for UL Commercial Burglary.

*19 RANDOMIZE AC LOSS REPORT   [0] | |

1=randomize 10-40 min.; 2=4-6 hrs; 0=when AC loss
occurs. Must be "2" for Central Station and Remote
Station fire alarm system.

*20 VIP MODULE PHONE CODE | | |

Enter 01 - 09 for the first digit; enter   [00] ,   [00]
11 for "*" or 12 for "#" for the second digit. Must be
"00, 00] for Commercial Fire & UL Commercial Burg.
installations.

*22 KEYPAD PANIC ENABLES   Partition-Specific
*23 MULTIPLE ALARMS   Partition-Specific

*24 IGNORE EXPANSION ZONE TAMPER   [0] | |

1=Ignore; 0=Enable tamper for RF and RPMs. Must be
0 for UL if these devices are used.

*25 BURG.TRIGGER FOR RESPONSE TYPE 8   [1] | |

1=enable; 0=disable

*26 INTELLIGENT TEST REPORTING   [0] | |

1=yes, (no report sent if any other report was
recently sent); 0=no. Must be "0" for Commercial Fire
& UL Commercial Burglary installations.

*27 TEST REPORT INTERVAL   [024] | |

Enter interval in hours, 001-999; 000=no report ; Max.
024 for Commercial Fire & UL.

*28 POWER UP IN PREVIOUS STATE   [1] | |

1=yes; 0=no; "1" for UL.

*29 QUICK ARM   Partition-Specific

*30 MAIN DIALER (TOUCHTONE OR ROTARY) [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 #,
#13 for 2 second pause.

*34 SECONDARY PHONE NUMBER

| | | | | | | | | | |
| | | | | | |

Enter 0-9 for each digit. Enter #11 for *, #12 for #,
#13 for 2 second pause.

*35 DOWNLOAD PHONE No.

| | | | | | | | | | |
| | | | | | |

Enter 0-9 for each digit. Enter #11 for *, #12 for #,
#13 for 2 second pause.

*36 DOWNLOAD ID No.

| | | | | | | | | | |

Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]

*37 DOWNLOAD COMMAND ENABLES

| | | | 0 | | | | | | |
Dialer System Not Remote Remote Remote Upload Download
Shutdwn Shutdwn Used Bypass Disarm Arm Program Program

See field 1*53 for Callback disable option; [1=enable];
0=disable; For Commercial Fire & UL installations, all
options must be disabled.

*38 PREVENT ZONE XXX BYPASS   Partition-Specific
*39 OPEN/CLOSE REPORT   Partition-Specific
FOR INSTALLER

*40 OPEN/CLOSE REPORT FOR KEYSWITCH   [0] | |

1=enable; 0=disable

*41 NORMALLY CLOSED or EOLR (Zones 3-8) [1] | |

1=N.C.loops; 0=EOLR supervision; Must be "0" for
Commercial Fire & UL.

*42 DIAL TONE PAUSE   [0] | |

0=5 seconds; 1=11 seconds; 2=30 seconds; Must be
"0" for Commercial Fire & 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. Must
be "0" for Commercial Fire & UL Burglary.

*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 and alarm restores go to both primary & secondary numbers, while all other reports go to secondary only. If used with Split Reporting "2" option, alarms and alarm restores go to both, open/close and test messages go to secondary only, while all other reports go to primary. If used with Split Reporting "3" option, fire alarms and fire supervisory signals go to both primary and secondary , while all other reports go to secondary only.

*52 STANDARD/EXPANDED REPORT FOR PRIMARY

☐ ☐ ☐ ☐ ☐ ☐ [0]

Alarm Rstr Bypass Trbl Opn/Cls Low Bat

0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

*53 STANDARD/EXPANDED REPORT FOR SECONDARY

☐ ☐ ☐ ☐ ☐ ☐ [0]

Alarm Rstr Bypass Trbl Opn/Cls Low Bat

0=standard; 1=expanded; Note: Expanded overrides 4+2 format.

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

*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   Partition-Specific
FOR PANICS & DURESS
*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 diarm. Must be "0" for fire or UL Installations.

*90 2nd SUBS. ACCT # ☐ | ☐ | ☐ | ☐

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] ☐

0=No, 1=Bypass E/E and Interior zones faulted after exit delay. Must be "0" for UL Commercial Burglary.

1*21 EXIT DELAY RESET [0] ☐

0=No; 1=Resets Exit Delay to 60 seconds after zone is closed. Must be "0" for Commercial Fire and UL installations.

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. Must be 0 for UL Burglary.

1*22 CROSS-ZONING PAIR ONE ☐ | ☐ | ☐ | ☐
1*23 CROSS-ZONING PAIR TWO ☐ | ☐ | ☐ | ☐
1*24 CROSS-ZONING PAIR THREE ☐ | ☐ | ☐ | ☐
1*25 CROSS-ZONING PAIR FOUR ☐ | ☐ | ☐ | ☐

MISCELLANEOUS WIRELESS OPTIONS
Fields 1*28 - 1*32 are not applicable to Commercial Fire or UL installations.

1*28 RF TX LOW BATTERY SOUND [0] ☐

1=immediate; 0=when disarmed.

1*29 RF TX LOW BATTERY REPORT ENABLE [0] ☐

1=enable; 0=disable

1*30 RF RCVR CHECK-IN INTERVAL [06] ☐ | ☐

02-15 times 2 hours;   00 disables supervision.

1*31 RF XMiTTER CHECK-IN INTERVAL [12] ☐ | ☐

02-15 times 2 hours; 00 disables transmitter supervision.

1*32 RF RECEIVER TYPE [0] ☐

1=4281; 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 and alarm restores primary, others secondary; 2=open/close, test secondary, others primary; 3 = fire alarms & troubles primary, all secondary. See ✱51 for comments if using with dual reporting.

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
Must be "0" for Commercial Fire & UL installations.

1*45 EXIT DELAY SOUNDING
Partition-Specific

1*47 CHIME ON BELL 1
Partition-Specific

1*48 WIRELESS KEYPAD ASSIGNMENT [0] ☐

0=disable; enter partition in which RF keypad used, 1-8. Must be "0" for Commercial Fire & UL installations.

1*49 SUPPRESS TX SUPERVISION SOUND [1] ☐

1=disable; 0=enable. Must be "0" for Commercial Fire & UL installations.

1*52 SEND CANCEL IF ALARM + OFF Partition-Specific

1*53 DOWNLOAD CALLBACK [0] ☐

1=callback not required; 0=callback required; Must be "0" for Commercial Fire & UL installations.

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. Must be "0" for Commercial Fire & UL installations.

1*58 5800 RF BUTTON FORCE ARM [0] ☐

Enter "1" to enable. If a zone is faulted after pressing button, console will beep once. User should press button again within 4 sec. to force bypass those zones. 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. Must be "0" for Commercial Fire & UL installations.

1*70 EVENT LOG TYPES ☐ ☐ ☐ ☐ ☐ ☐

1=enable; 0=disable Alrm Chck Byps O/C Syst Test Rpt

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 * 7 3 PRINTER BAUD RATE 1=300; 0=1200 [0] ☐

1 * 7 4 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 * 7 5 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 * 7 6 ACCESS CONTROL RELAY Partition-Specific
FOR PARTITION

3rd Page Programming Fields (press *94)

2 * 0 0 NUMBER OF PARTITIONS [1] ☐

Enter 1-8

2 * 0 1 DAYLIGHT SAVINGS TIME [04, 10] | | | |

START/END MONTH Start End
00-12; if no daylight savings time, enter 00,00

2 * 0 2 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 * 0 5 AUTO-ARM DELAY Partition-Specific

2 * 0 6 AUTO-ARM WARNING PERIOD Partition-Specific

2 * 0 7 AUTO-DISARM DELAY Partition-Specific

2 * 0 8 ENABLE FORCE ARM FOR Partition-Specific
AUTO-ARM

2 * 0 9 ENABLE OPEN/CLOSE REPORTS Partition-Specific
BY EXCEPTION

2 * 1 0 ALLOW DISARMING ONLY Partition-Specific
DURING ARMING/DISARMING WINDOWS

2 * 1 1 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.

2 * 1 8 ENABLE GOTO FOR THIS Partition-Specific
PARTITION

2 * 1 9 USE PARTITION DESCRIPTORS [0] ☐

0=disable; 1=enable

2 * 2 0 ENABLE J2 TRIGGERS Partition-Specific
FOR THIS PARTITION

2 * 2 1 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. Must be "1" for Commercial Fire & UL.

2 * 2 2 DISPLAY FIRE ALARMS OF Partition-Specific
OTHER PARTITIONS

2 * 2 3 DISPLAY BURG & PANIC Partition-Specific
ALARMS OF OTHER PARTITIONS

2 * 2 4 DISPLAY TROUBLES OF Partition-Specific
OTHER PARTITIONS

4th Page Programming Fields (press *94)

3 * 0 0 DISPLAY TRBL INSTEAD OF CHECK [0] ☐

0=Check Displayed; 1=Trbl Displayed

3 * 1 3 SUPV. N.O./N.C. SELECTION [0] ☐

0=Supv. on short/trouble on open; 1=supv. on short or open

3 * 1 4 WATERFLOW SILENCE OPTION [1] ☐

0=Silence on Code + OFF; 1=Silence when waterflow restores. This feature may only be set to "1" by permission of the local authority.

3 * 1 5 ALARM BELL SOUND [1,0] ☐ ☐

0=pulsed; 1=steady Bell 1 Bell 2

3 * 1 6 DELAY for ZONE TYPES 17 & 18 [00] | |

(Waterflow & FIre Supv) Enter 00-15 times 2 seconds

3 * 1 7 ALTERNATE FUNCTION (TAMPER) [0] ☐

FOR ZONE 6 0=disabled; 1=enabled

3 * 1 8 EXTENDED DELAY FOR TYPES 17&18 [0] ☐

3 * 1 9 ENABLE J2 HEADER PRINTER PORT [0] ☐

0=pins 5&9 function as per field 3*20; 1=pins 5&9 act as printer RXD & DTR

3 * 2 0 TRIGGER OUTPUTS SELECTION [0] ☐

0= LORRA full connection & Remote Console Sounder; 1=LORRA ilmited conn. & Keyswitch LEDs; 2=LORRA fire only conn. & 5140LED

3 * 2 1 MAX # OF DIALER ATTEMPTS [8] ☐

1-8 (3, 4 or 5 for NFPA72 compliant systems when a secondary phone number is programmed (field *34)

3 * 3 0 DIALER SELECTION [1,0] ☐ ☐

1=enabled; 0=disabled Main Backup

3 * 3 1 BACKUP DIALER TOUCHTONE/ROTARY [0] ☐

1=TouchTone; 0=Rotary

3 * 5 0 ZONE TYPE RESTORE ENABLES ☐ ☐ ☐

FOR ZONE TYPES 16-18 16 17 18
Must be "1" for Commercial Fire & UL installations.

3 * 5 7 BELL 2 & AUX. RELAY Partition-Specific
CONFIRMATION OF ARM DING

3 * 5 8 BELL 2 & AUX. RELAY AC POWER ☐ ☐

LOSS ALARM 1=yes; [0=no] Bell 2 AUX.Relay

3 * 5 9 ENABLE BELL 2 & AUX. RELAY Partition-Specific
CHIME ANNUNCIATION

3 * 6 0 BELL 2 & AUX. RELAY TIMEOUT Partition-Specific

3 * 6 1 AUX. RELAY FUNCTION [1] ☐

0=Trouble/supervisory; 1=Alarm, silenced by code + OFF 2=Smoke Detector Reset; 3=Battery Save; 4=Alarm, silenced by code + [#] + 67

3 * 8 2 ENABLE BURG. FEATURES ON PART. 1 [1] ☐

1=enable; 0=disable; "0" disables AWAY, STAY, MAX, TEST, INSTANT & CHIME functions

3 * 8 5 ENABLE FIRE & SYSTEM ZONE BYPASS [1] ☐

0=not enabled; 1=only installer can bypass]; 2=only installer & master user can bypass. Applies to fire zone types 9, 16, 17 & 18 and system zones 70-77. Applies to Partition 1 only.

PARTITION-SPECIFIC FIELDS

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

To program these fields,

1. Press *91 to select a partition.
2. Enter a partition-specific field number (ex. *09).
3. Make the required entry.
4. Repeat steps 1-3 for each partition in the system.

PARTITION #_____ PROGRAM FIELDS

1st Page Fields

*09 ENTRY DELAY #1 [02] |___|

00-15 times 15 seconds
Maximum 03 for UL Listed installations.

*10 EXIT DELAY #1 [03] |___|

00-15 times 15 seconds
Maximum 04 for UL Listed installations.

*11 ENTRY DELAY #2 [06] |___|

00-15 times 15 seconds
Maximum 03 for UL Commercial Burglary installations.

*12 EXIT DELAY #2 [08] |___|

00-15 times 15 seconds
Maximum 04 for UL Commercial Burglary installations.

*13 BELL 1 TIMEOUT [04] |___|

01-15 times 2 minutes. Minimum 16 minutes for UL. Commercial Burglary and 6 minutes for Commercial Fire installations.

*16 CONFIRMATION OF ARMING DING [0] |___|

1=enable; 0=disable. Must be "1" for UL Commercial Burglary installations.

*22 KEYPAD PANIC ENABLES [001] |___| |___| |___|

1=enable; 0=disable   995   996   999

*23 MULTIPLE ALARMS [1] |___|

1=yes; 0=no. Enter 1 for Commercial Fire & UL Commercial Burglary installations.

*29 QUICK ARM [1] |___|

1=yes; 0=no

*32 PRIM. SUBS. ACCT # |___| |___| |___| |___|

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

*38 PREVENT ZONE XXX BYPASS [000] |___| |___|

001-087; 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 Commercial Fire & UL installations..

*85 ENABLE DIALER REPORTS [0] |___| |___| |___| |___|
FOR PANICS & DURESS   995   996   999   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. Must be "0" for UL Commercial Burglary installations.

*90 SEC. SUBS. ACCT # |___| |___| |___| |___|

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

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

2nd Page Fields

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 BELL 1 [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. [00] |___|

Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-16; 00=none. Must be "00" for Commercial Fire & UL.

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 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 the start of 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, in order to prevent false reports when the user arms the system and then reenters the premises to retrieve a forgotten item.

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 installetion.
0=disable; 1=enable

2*18 ENABLE GOTO FOR THIS PARTITION [0] |___|

1=Allow log-on from other partitions; 0=disable

2∗20 ENABLE J7 TRIGGERS by PARTITION [1] ☐

0=disable for displayed partition; 1=enable for displayed partition

2∗22 DISPLAY FIRE ALARMS OF [0] ☐

OTHER PARTITIONS
0=No; 1=Yes

2∗23 DISPLAY BURG/PANIC ALARMS OF OTHER [0] ☐

PARTITIONS
10=No; 1=Yes

2∗24 DISPLAY TROUBLES OF OTHER [0] ☐

PARTITIONS
0=No; 1=Yes

4th Page Fields

3∗57 BELL 2 & AUX. RELAY CONFIRM ☐ ☐

ARM. DING 1=enable; [0]=disable
Must be "1" for UL.   Bell 2   Relay

3∗59 ENABLE BELL 2 & AUX. RELAY ☐ ☐

CHIME ANNUNCIATION
1=enable; [0]=disable   Bell 2   Relay

3∗60 BELL 2 & AUX. RELAY TIMEOUT ☐ ☐

00-15 times 2 minutes; 00=no timeout [00,00] Bell 2   Relay
Minimum 16 min. for UL Burglary installations.

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.

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.
REPORT CODE PROG 0 = no; 1 = yes	For entering report codes for zones and all system conditions.
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 consoles, RF receivers (4281/5881), 4285 voice module and 4204 output relay modules: • Device Address • Device Type • Device's Home Partition • Console Options • Voice Module
RELAY PROG? 0=no 1=yes	For defining output relay functions.
RLY VOICE DESCR? 0=no 1=yes	For entering 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 console accept entry.
[#]	Backs up to previous screen.
0	Press to answer NO
1	Press to answer YES
01-09	All data entries are 2-digit entries.
00	Escapes from menu mode, back into field programming mode, when entered at the first question for each category.

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 lay out 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 or 9):				
Wireless Keypad Partition Assignment (1-8):				
Voice Module Partition Assignment (1-8):				
Use Partition Descriptor (yes/no)?				
Common Lobby Partition Assignment (1-8):				

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								
Console Panic for zone 95 (* + 1)								
Console Panic for zone 96 (# + 3)								
Console Panic for zone 99 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout Duration for Bell 1 (2 min. increments)								
Sounder Timeout Duration for Bell 2 & Aux Rly (2 min. increments)								
Console Annunciation During Entry**								
Console Annunciation During Exit								
Confirmation of Arming Ding for Bell 1								
Confirmation of Arming Ding for Bell 2 & Aux Rly								
Chime on Bell 1								
Chime on Bell 2 & Aux Relay								
Access Control Relay (field 1*76)								
Affects Lobby (check partitions that apply)								
Arms Lobby (check partitions that apply)								
Displays Fire Alarms of Other Partitions								
Displays Burg & Panic Alarms of Other Partitions								
Displays Troubles of Other Partitions								

*Can be any zone 1-87.
**no= 3 beeps yes=continuous

DEVICES (Consoles, 4204, etc.)									
Device Address	Type	Home Partition	Sounder Option	Supervised CF?	Device Address	Type	Home Partition	Sounder Option	Supervised CF?
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 console
2 = fixed-word console
3 = RF receiver
4 = Output Relay module
5 = Voice Module

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

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

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 7 & 8

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

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 No.	Zone Type	Parti-tion (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	† Enter loop number on module 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 1-24

Zone No.	Zone Type	Parti-tion (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	†Enter loop number on module Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
25											_____
26											_____
27											_____
28											_____
29											_____
30											_____
31											_____
32											_____
33											_____
34											_____
35											_____
36											_____
37											_____
38											_____
39											_____
40											_____
41											_____
42											_____
43											_____
44											_____
45											_____
46											_____
47											_____
48											_____

ZONE DEFINITIONS FOR ZONES 49-72

Zone No.	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Hard Wired	Report Code	† Enter loop number on module — Loop number must be 1 for hardwire and DIP devices) — Zone Information (part numbers) & Alpha Descriptor (3 words max.)
49											_____
50											_____
51											_____
52											_____
53											_____
54											_____
55											_____
56											_____
57											_____
58											_____
59											_____
60											_____
61											_____
62											_____
63											_____
64											_____
65											_____
66											_____
67											_____
68											_____
69											_____
70											_____
71											_____
72											_____

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

Note: "RF Trans. Type†" spans the RF (3), UR (4), BR (5) columns.

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)
- 16=Fire w/Verification
- 17=Fire Supervisory
- 18=Fire Supervisory
- 19=24 hour trouble
- 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	

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

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