

VISTA-128FBP

VISTA-250FBP

**Commercial Fire and Burglary
Partitioned Security System with Scheduling**

Programming Guide

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Programming Field Settings for UL864 Compliance

| NOTICE TO USERS, INSTALLERS, AUTHORITIES HAVING JURISDICTION, AND OTHER INVOLVED PARTIES | | | |
|---|-------------------------|---|---|
| This product incorporates field-programmable software. In order for the product to comply with the requirements in the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864, certain programming features or options must be limited to specific values or not used at all as indicated below. | | | |
| Program feature or option | Permitted in UL864? Y/N | Possible settings | Settings permitted in UL 864 |
| *08 TEMPORAL SIREN PULSE | N | 0 = disable 1 = enable | Not used at this time. Must be set to "0" (disable). |
| *13 ALARM SOUNDER (BELL) TIMEOUT | Y | Enter 01-15 multiplied by 2 minutes. 00 = no timeout. | Must be set to "3" (Minimum of 6 minutes). |
| *14 TRIGGER OR RS232 | N | 0 = trigger 1 = RS232 input | Must be set to "0". |
| *17 AC LOSS KEYPAD SOUNDING | N | 0 = disable 1 = enable | Must be set to "1" (enabled). |
| *20 VIP MODULE PHONE CODE | N | Enter 01 - 09 for the first digit; enter 11 for "*" or 12 for "#" for the second digit. | Not used. Must be set to "00". |
| *22 KEYPAD PANIC ENABLES (PARTITION SPECIFIC) | N | 0 = disable 1 = enable | Must be set to "000" for partition 1 in fire systems. |
| *23 MULTIPLE ALARMS (PARTITION SPECIFIC) | N | 0 = disable 1 = enable | Must be set to "1" (enabled). |
| *26 INTELLIGENT TEST REPORTING | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| *27 TEST REPORT INTERVAL | Y | Enter 0001-9999 for the test report interval in hours. Enter 0000 for test reporting. | Must be set to "0024" (Maximum 24 hours) |
| *28 POWERUP IN PREVIOUS STATE | Y | 0 = disable 1 = enable | Must be set to "1" (enable). |
| *37 DOWNLOAD COMMAND ENABLES | N | 0 = disable 1 = enable | Must be set to "0" for all entries (disable). |
| *41 NORMALLY CLOSED OR EOLR (ZONES 3-8) | N | 0 = EOLR supervision 1 = N.C. loops | Must be set to "0" (EOLR Supervision). |
| *42 DIAL TONE PAUSE | Y | Enter the wait time for dial tone detection: 0 = 5 seconds; 1 = 11 seconds; 2 = 30 seconds. | Must be set to "0" (5 seconds). |
| *44 RING DETECTION COUNT | N | Enter 00 to disable ring detection. Enter 01-14 for ring counts of 1-14. Enter 15 to select Answering Machine Defeat Mode | Must be set to "00" (disable). |

| Program feature or option | Permitted in UL864? Y/N | Possible settings | Settings permitted in UL 864 |
|--|-------------------------|--|--|
| *54 UNATTENDED MODE | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| *56 DYNAMIC SIGNALING DELAY | Y | Enter 00-15 times 15 seconds. | Must be set to "6" (90 seconds). |
| *77 AUTO TROUBLE RESTORE | Y | 0 = disable 1 = enable | Must be set to "1" (enable). |
| *80 ZONE TYPE RESTORES FOR TYPES 9, 10 & 14 | N | 0 = disable 1 = enable | Must be set to "1" (enable) for zone type 9. |
| 1*12 PROGRAM NOTIFICATION SIGNAL | Y | 0 = no 1 = yes | Must be set to "1" (yes). |
| 1*13 SYSTEM SENSOR REVERSING RELAY | N | 0=use neither Zone 1 or Zone 2 inputs 1=use Zone 1 input; 2=use Zone 2 input; 3=use Zone 1 and Zone 2 inputs. | Not Used. Must be set to "0". |
| 1*18 AFFECTS LOBBY | N | 0 = disable 1 = enable | Must be set to "0" (disabled) for partition 1. |
| 1*19 ARMS LOBBY | N | 0 = disable 1 = enable | Must be set to "0" (disabled) for partition 1. |
| 1*22thru 1*25 CROSS-ZONING PAIRS (1 – 4) | N | Enter 001-250 Enter 000,000 to disable | Must be set to "000,000" (disabled) for fire zones. |
| 1*28 RF TRANSMITTER LOW BATTERY SOUND | N | 0 = disarmed state only 1 = both armed and disarmed states | Must be set to "1" (both armed and disarmed states). |
| 1*29 RF TRANSMITTER LOW BATTERY REPORTING | N | 0 = disable 1 = enable | Must be set to "1" (enable). |
| 1*30 RF RECEIVER SUPERVISION CHECK-IN INTERVAL | N | Enter 02–15 times 2 hours (4–30 hours) Enter 00 to disable receiver supervision | Maximum is 02 (4 hours) for fire installations. |
| 1*31 RF TRANSMITTER CHECK-IN INTERVAL | N | Enter 02–15 times 2 hours (4–30 hours) Enter 00 to disable transmitter supervision | Maximum is 02 (4 hours) for fire installations. |
| 1*35 ACCESS CONTROL DIALER ENABLES | N | 0 = disable 1 = enable | Not used. Must be set to "0". |
| 1*44 WIRELESS KEYPAD TAMPER DETECTION | N | 0 = disable 1 = enable | Not used. Must be set to "0". |
| 1*45 EXIT DELAY SOUNDING (PARTITION SPECIFIC) | N | 0 = disable 1 = enable | Must be set to "0" (disable) for partition 1. |
| 1*48 WIRELESS KEYPAD ASSIGNMENT | N | 0 = none 1-8 = partition number | Not used. Must be set to "0". |
| 1*49 SUPPRESS TX SUPERVISION SOUND | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 1*53 DISABLE DOWNLOAD CALLBACK | N | 0 = callback required 1 = no callback required | Must be set to "0" (callback required). |
| 1*57 5800 RF BUTTON GLOBAL ARM | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 1*58 5800 RF BUTTON FORCE ARM | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 1*60 ZONE 5 AUDIO ALARM VERIFICATION | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 1*69 PRINTER TYPE | N | 0 = parallel printer 1 = serial printer | Not used. |
| 1*72 EVENT LOG PRINTER ONLINE | N | 0 = disable 1 = enable | Not used. Must be set to "0". |
| 1*73 PRINTER BAUD RATE | N | 0 = 1200 1 = 300 | Not used. |
| 1*76 CONTROL RELAY (PART-SPECIFIC) | N | 01-96 = relay number 00 = relay not used. | Must be set to "00" (relay not used) for partition 1. |
| 1*78 EXTENDED HOME CONT EVENTS | N | 1 = extended 0 = limited | Not used. Must be set to "0". |
| 1*79 HOME CONTROL EVENTS | N | 0 = disable 1 = enable | Not used. Must be set to "0" in each entry. |
| 2*07 AUTO-DISARM DELAY (PART SPECIFIC) | N | 00 = no delay. 01-14 times 4 minutes (04-56) delay. 15 = no auto disarming. | Must be set to "15" (no auto disarming) for partition 1. |

| Program feature or option | Permitted in UL864? Y/N | Possible settings | Settings permitted in UL 864 |
|--|-------------------------|---|---|
| 2*18 ENABLE GOTO FOR THIS PARTITION (partition-specific) | N | 0 = disable 1 = enable | Must be set to "0" (disable) for partition 1. |
| 2*21 SUPERVISION PULSES FOR COMMUNICATIONS DEVICE | N | 0 = disable 1 = enable | Not used. Must be set to "00000" (disable). |
| 2*22 DISPLAY FIRE ALARMS OF OTHER PARTITIONS | N | 0 = disable 1 = enable | Must be set to "0" (disable) for partition 1. |
| 2*23 DISPLAY BURG, PANIC AND CO ALARMS FOR OTHER PARTITIONS | N | 0 = disable 1 = enable | Must be set to "0" (disable) for partition 1. |
| 2*24 DISPLAY TROUBLES OF OTHER PARTITIONS | N | 0 = disable 1 = enable | Must be set to "0" (disable) for partition 1. |
| 2*30 - 2*88 (PAGER OPTIONS) | N | NA | Not used. |
| 3*01 EVENTS DISPLAY LOCK | N | 0 = disable 1 = enable | Must be set to "1" (enable). |
| 3*12 ZN TYPE 18 DELAY USE | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 3*13 FIRE SUPERVISORY RESPONSE TO OPEN/SHORT (APPLIES TO ZONE TYPE 18) | N | 0 = Trouble on open/Supv on short 1 = Supv on open/Supv on short | Must be set to "0". |
| 3*14 WATERFLOW ALARM SILENCE OPTION | N | 0 = Silenced by User Code + OFF 1 = Silenced when zone restores | Must be set to "0" (Silenced by User Code + OFF). |
| 3*16 DELAY FOR ZONE TYPES 17 & 18 (Waterflow/Supervisory) | N | Enter 01-15 times 2 seconds Enter 00 for no delay | Must be set to 00 (no delay). |
| 3*18 EXTENDED DELAY FOR ZONE TYPES 17 & 18 Multiplies delay in 3*16 x 4) | N | 0 = no extended delay 1 = multiply delay by 4 | Must be set to 0 (no extended delay). |
| 3*19 AUXILIARY INPUT ALTERNATE FUNCTION ENABLE | N | 0 = disable 1 = enable | Must be set to 0 (disable). |
| 3*20 TRIGGER OUTPUTS FUNCTION SELECTION | N | 0 = remote keypad sounder 1 = keyswitch LEDs | Must be set to 0 (remote keypad sounder). |
| 3*21 MAXIMUM NUMBER OF DIALER ATEMPTS | Y | 1-8 | Must be set at 3, 4 or 5. |
| 3*50 ZONE TYPE RESTORE ENABLES FOR TYPES 16-18 | N | 0 = disable 1 = enable | Must be set to "1" (enable). |
| 3*55 RESET ON SECOND OFF FOR BELL 1 | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 3*56 RESET ON SECOND OFF FOR BELL 2 | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| 3*57 BELL 2 AND AX RELAY CONFIRM ARMING DING | N | 0 = disable 1 = enable | Must be set to "0, 0" (disable). |
| 3*59 ENABLE BELL 2 & AUXILIARY RELAY CHIME ANNUNCIATION | N | 0 = disable 1 = enable | Must be set to "0" (disable) if Bell 2 or Aux Relay is used for Fire. |
| 3*60 BELL 2 & AUX RELAY TIMEOUT | Y | Enter 01-15 multiplied by 2 minutes. 00 = no timeout. | Must be set to "3" (Minimum of 6 minutes). |
| 3*82 BURGLARY FEATURES ON PARTITION 1 ENABLE | N | 0 = disable 1 = enable | Must be set to "0" (disable). |
| RESTRICTION FOR FIRE RELAYS | Y | Yes No | Restriction for # 70 must be set to Yes when programming fire relays. |

NOTE: All references in this manual for number of zones, number of user codes, number of access cards, and the event log capacity, use the VISTA-250FBP's features. The following table lists the differences between the VISTA-128FBP and the VISTA-250FBP control panels. All other features are identical.

| Feature | VISTA-128FBP | VISTA-250FBP |
|------------------------|--------------|--------------|
| Number of Zones | 128 | 250 |
| Number of User Codes | 150 | 250 |
| Event Log Capacity | 512 | 1000 |
| Vistakey Modules | 8 | 15 |
| Number of Access Cards | 250 | 500 |

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 contains all the programming fields, and the other contains the partition-specific fields. 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-128FBP/VISTA-250FBP Installation and Setup Guide*.

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-128FBP/VISTA-250FBP SINGLE PARTITION PROGRAMMING FORM when programming for single-partition usage. Follow the steps outlined in RECOMMENDED PROGRAMMING PROCEDURE 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-128FBP/VISTA-250FBP SINGLE PARTITION and the PARTITION-SPECIFIC PROGRAM FORMS when programming the system for multiple partitions. Follow the steps outlined in RECOMMENDED PROGRAMMING PROCEDURE 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 change to next page of program fields**, press *94
- **To return to previous set of fields**, press *99
- **To erase account and 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**, enter *99 OR *98: *99 allows re-access to programming mode by installer code. *98 prevents re-access to programming mode by installer code. 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.

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-128FBP/VISTA-250FBP 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 00-01, 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 *Program Field Index* for a listing of the program fields and their function.

Note that field 2*00 (number of partitions) 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. When you are finished, the next partition-specific field is automatically displayed. 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 in the *VISTA-128FBP/VISTA-250FBP Installation and Setup Guide* for detailed instructions.

5. Use #93 Menu Mode for device programming.

Refer to *Device Programming* in this guide 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, the VIP module, and Communicators (7845i-ent, 7845GSM, 7845i-GSM).

6. Use #93 Menu Mode for zone programming.

Refer to *Zone Programming* in this guide 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 outputs.

Refer to *Output Programming* in this guide to program desired output operation.

8. Program Communication options.

Refer to *System Communication* section in the *VISTA-128FBP/VISTA-250FBP Installation and Setup Guide* for detailed instructions. Then use #93 menu mode to program report codes.

9. Use #93 Menu Mode for programming alpha descriptors.

Refer to *Alpha Programming* in this guide to enter zone and partition descriptors and a custom installer's message.

10. Use #80 Mode for programming schedules.

Refer to the *Scheduling Menu Prompts* in the *VISTA-128FBP/VISTA-250FBP Installation and Setup Guide* to program open/close schedules, temporary and holiday schedules, limitation of access schedules, and time-driven events.

11. Define user access codes.

Refer to *User Access Codes* in the *VISTA-128FBP/VISTA-250FBP Installation and Setup Guide* to program authority level, O/C reporting option, partition assignments, and wireless key assignments for each user.

12. Exit Programming Mode.

Exit programming mode by pressing either *98 or *99. Additional entries of *99 are 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 code. Either way of exiting allows access via downloading. Note that if local programming lockout is set via downloading, programming mode cannot be entered at the keypad.

Program Field Index

On the following pages, the programming fields have been arranged in numerical order. Use this index to cross-reference the fields on the programming form.

| Field | Group | Field | Group | Field | Group |
|-------|--------------------|-------|--------------------|-------|--------------------|
| *00 | System-Wide | 1*19 | Partition-Specific | 2*42 | Communications |
| *04 | System-Wide | 1*20 | System-Wide | 2*43 | Communications |
| *05 | System-Wide | 1*21 | System-Wide | 2*44 | Communications |
| *06 | Partition-Specific | 1*22 | System-Wide | 2*45 | Communications |
| *08 | System-Wide | 1*23 | System-Wide | 2*46 | Communications |
| *09 | Partition-Specific | 1*24 | System-Wide | 2*47 | Communications |
| *10 | Partition-Specific | 1*25 | System-Wide | 2*48 | Communications |
| *11 | Partition-Specific | 1*26 | Partition-Specific | 2*49 | Communications |
| *12 | Partition-Specific | 1*28 | System-Wide | 2*50 | Communications |
| *13 | Partition-Specific | 1*29 | System-Wide | 2*51 | Communications |
| *14 | System-Wide | 1*30 | System-Wide | 2*52 | Communications |
| *15 | System-Wide | 1*31 | System-Wide | 2*53 | Communications |
| *16 | Partition-Specific | 1*33 | Communications | 2*54 | Communications |
| *17 | System-Wide | 1*34 | Communications | 2*55 | Communications |
| *19 | System-Wide | 1*35 | Communications | 2*56 | Communications |
| *20 | System-Wide | 1*42 | Communications | 2*57 | Communications |
| *22 | Partition-Specific | 1*43 | Partition-Specific | 2*58 | Communications |
| *23 | Partition-Specific | 1*44 | System-Wide | 2*59 | Communications |
| *24 | System-Wide | 1*45 | Partition-Specific | 2*60 | Communications |
| *25 | System-Wide | 1*47 | Partition-Specific | 2*61 | Communications |
| *26 | Communications | 1*48 | System-Wide | 2*62 | Communications |
| *27 | Communications | 1*49 | System-Wide | 2*63 | Communications |
| *28 | System-Wide | 1*52 | Partition-Specific | 2*64 | Communications |
| *29 | Partition-Specific | 1*53 | System-Wide | 2*65 | Communications |
| *30 | Communications | 1*55 | System-Wide | 2*66 | Communications |
| *31 | Communications | 1*56 | System-Wide | 2*67 | Communications |
| *32 | Partition-Specific | 1*57 | System-Wide | 2*68 | Communications |
| *33 | Communications | 1*58 | System-Wide | 2*69 | Communications |
| *34 | Communications | 1*60 | System-Wide | 2*70 | Communications |
| *35 | System-Wide | 1*69 | System-Wide | 2*71 | Communications |
| *36 | System-Wide | 1*70 | System-Wide | 2*72 | Communications |
| *37 | System-Wide | 1*71 | System-Wide | 2*73 | Communications |
| *38 | Partition-Specific | 1*72 | System-Wide | 2*74 | Communications |
| *39 | Partition-Specific | 1*73 | System-Wide | 2*75 | Communications |
| *40 | Communications | 1*74 | System-Wide | 2*76 | Communications |
| *41 | System-Wide | 1*75 | System-Wide | 2*77 | Communications |
| *42 | Communications | 1*76 | Partition-Specific | 2*78 | Communications |
| *43 | Communications | 1*77 | System-Wide | 2*79 | Communications |
| *44 | Communications | 1*78 | System-Wide | 2*80 | Communications |
| *45 | Communications | 1*79 | System-Wide | 2*81 | Communications |
| *46 | Communications | 2*00 | System-Wide | 2*82 | Communications |
| *47 | Communications | 2*01 | System-Wide | 2*83 | Communications |
| *48 | Communications | 2*02 | System-Wide | 2*84 | Communications |
| *49 | Communications | 2*05 | Partition-Specific | 2*85 | Communications |
| *50 | Communications | 2*06 | Partition-Specific | 2*86 | Communications |
| *51 | Communications | 2*07 | Partition-Specific | 2*87 | Communications |
| *52 | Communications | 2*08 | Partition-Specific | 2*88 | Communications |
| *53 | Communications | 2*09 | Partition-Specific | 3*00 | System-Wide |
| *54 | System-Wide | 2*10 | Partition-Specific | 3*01 | System-Wide |
| *56 | Communications | 2*11 | System-Wide | 3*12 | System-Wide |
| *57 | Communications | 2*18 | Partition-Specific | 3*13 | System-Wide |
| *58 | Communications | 2*19 | Partitioning | 3*14 | System-Wide |
| *59 | Communications | 2*20 | Partition-Specific | 3*16 | System-Wide |
| *77 | Communications | 2*21 | System-Wide | 3*17 | System-Wide |
| *79 | Communications | 2*22 | Partition-Specific | 3*18 | System-Wide |
| *80 | Communications | 2*23 | Partition-Specific | 3*19 | System-Wide |
| *83 | Communications | 2*24 | Partition-Specific | 3*20 | System-Wide |
| *84 | Partition-Specific | 2*30 | Communications | 3*21 | System-Wide |
| *85 | Partition-Specific | 2*31 | Communications | 3*30 | System-Wide |
| *87 | Partition-Specific | 2*32 | Communications | 3*31 | System-Wide |
| *88 | Partition-Specific | 2*33 | Communications | 3*50 | System-Wide |
| *89 | Communications | 2*34 | Communications | 3*55 | System-Wide |
| *90 | Partition-Specific | 2*35 | Communications | 3*56 | System-Wide |
| 1*11 | System-Wide | 2*36 | Communications | 3*57 | Partition-Specific |
| 1*12 | System-Wide | 2*37 | Communications | 3*59 | Partition-Specific |
| 1*13 | System-Wide | 2*38 | Communications | 3*60 | Partition-Specific |
| 1*15 | Communications | 2*39 | Communications | 3*61 | System-Wide |
| 1*17 | System-Wide | 2*40 | Communications | 3*82 | System-Wide |
| 1*18 | Partition-Specific | 2*41 | Communications | 3*85 | System-Wide |

VISTA-128FBP/VISTA-250FBP Programming Form

Some fields are programmed for each partition (shown as shaded fields). If you are programming a multiple-partition system, see the *Partition-Specific Fields* 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]

***04** ENABLE RANDOM TIMERS

1 2 3 4 5 6 7 8

Enter 1 to make available the randomizing of pre-programmed time driven events for each partition. [0=disable].

Must be "0" for Commercial Burg installations.

***05** SYSTEM EVENTS NOTIFY [0]

1=yes, (messages sent via the RS232 port).

0=no, (no messages sent).

***06** QUICK EXIT [1]

1=enable; 0=disable

***08** TEMPORAL SIREN PULSE – **Not Used at this time.**

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

00, 02-15 times 15 seconds

Maximum "03" for Commercial Burglary installations.

The entry delay time and Burg Alarm Comm Delay (field *88) combined cannot exceed 1 minute for SIA installations.

***10** EXIT DELAY #1 [04]

00, 03-15 times 15 seconds

Maximum "04" for Commercial Burglary installations.

Minimum 45 seconds "03" for SIA installations.

***11** ENTRY DELAY #2 [02]

00, 02-15 times 15 seconds (must be longer than Entry Delay #1). Maximum "03" for Commercial Burglary installations.

The entry delay time and Burg Alarm Comm Delay (field *88) combined cannot exceed 1 minute for SIA installations.

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

00, 03-15 times 15 seconds (must be longer than Exit Delay #1). Maximum "04" for Commercial Burglary installations.

Minimum 45 seconds "03" for SIA installations.

***13** BELL 1 TIMEOUT [03]

01-15 times 2 minutes. Must be minimum 16 minutes for Commercial Burglary installations. Must be minimum 6 minutes for Commercial Fire and SIA installations.

***14** TRIGGER OR RS232 INPUT [0]

Enter 1 to set J2 Pin 5 as a RS232 input to enable system to receive serial data (75 baud).

Enter 0 to enable J2 Pin 5 as fire alarm trigger.

Must be set to "0".

***15** KEYSWITCH ASSIGNMENT [0]

Enter partition in which keyswitch used, 1-8; 9=silences

Notification Appliance Circuit if fire present; 0=disable

***16** BELL 1 CONFIRMATION OF ARMING DING [0]

1=enable; 0=disable.

NOTE: If using a keyfob, when the button is pressed, either for arming or disarming, the bell will ding indicating that the button is working.

Must be "1" for Commercial Burglary installations.

***17** AC LOSS KEYPAD SOUNDING [1]

1=enable; 0=disable

Must be "1" for Commercial Fire installations.

***19** RANDOMIZE AC LOSS REPORT [2]

0= within 2 minutes; 1=10-40 min; 2=1-3 hours; 3=6-12 hours without Type 13, 1-3 hours with Type 13.

***20** VIP MODULE PHONE CODE - **Not used.**

Enter 01 - 09 for the first digit; enter

[00], [11]

11 for "*" or 12 for "#" for the second digit.

Must be set to "00" for Commercial Burglary and Commercial Fire installations.

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

1=enable; 0=disable

995 996 999

NOTE: Use for burglary panic types only. Do not use in partition 1 in Fire systems.

***23** MULTIPLE ALARMS [1]

1=enable; 0=disable

Must be "1" for Commercial Burglary installations

***24** IGNORE EXPANSION ZONE TAMPER [0]

1=Ignore; 0=Enable tamper for RF and V-Plexs.

Must be "0" for Commercial Burglary and Commercial Fire installations if using these devices.

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

1=enable; 0=disable

***26** INTELLIGENT TEST REPORTING [0]

1=enable (no report sent if any other report was recently sent);

0=disable (send report at programmed interval, field *27)

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

***27** TEST REPORT INTERVAL [0024]

Enter interval in hours, 0001-9999; 0000=no report;

Max. 0024 for Commercial Burglary and Commercial Fire installations.

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

1=enable; 0=disable

Must be "1" for Commercial Burglary and Commercial Fire installations.

***29** QUICK ARM [1]

1=enable; 0=disable

***30** MAIN DIALER TOUCHTONE OR ROTARY [1]

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]

***37 DOWNLOAD COMMAND ENABLES**

| | | | | | | | | | |
|--|--|---|--|--|--|--|--|--|--|
| | | 0 | | | | | | | |
|--|--|---|--|--|--|--|--|--|--|

Dir ShtdwnSys ShtdwnNot UsedRmt BypRmt DisarmRmt ArmUpld PgmDwnld Pgm
See field 1*53 for Callback disable option; [1=enable];
0=disable. For Commercial Burglary and Commercial Fire
installations, all entries must be "0."

***38 PREVENT ZONE XXX BYPASS**

| | | |
|-------|--|--|
| [000] | | |
|-------|--|--|

001-250; 000 if all zones can be bypassed

***39 ENABLE OPEN/CLOSE REPORT FOR**

| | |
|-----|--|
| [1] | |
|-----|--|

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)**

| | |
|-----|--|
| [0] | |
|-----|--|

1=N.C.loops; 0=EOLR supervision.
Must be "0" for Commercial Burglary and Commercial Fire
installations.

***42 DIAL TONE PAUSE**

| | |
|-----|--|
| [0] | |
|-----|--|

0=5 seconds; 1=11 seconds; 2=30 seconds.
Must be "0" Commercial Burglary and Commercial Fire
installations.

***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 Burglary and Commercial Fire
installations.

***45 PRIMARY FORMAT**

| | |
|-----|--|
| [1] | |
|-----|--|

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**

| | |
|-----|--|
| [1] | |
|-----|--|

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=enable; 0=disable

Prim Sec

***50 SESCOA/RADIONICS SELECT**

| | |
|-----|--|
| [0] | |
|-----|--|

1=Sescoa; 0=Radionics

***51 DUAL REPORTING**

| | |
|-----|--|
| [0] | |
|-----|--|

1=yes; 0=no If used with Split Reporting "1" option (1*34),
alarms and alarm restores go to both primary and 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 restores signals go to
both, all other reports go to secondary only.

***52 STANDARD/EXPANDED REPORT FOR PRIMARY**

| | | | | | | | |
|-----|-------|------|-----|------|-----|-------|--|
| [0] | [0] | [0] | [0] | [0] | [0] | | |
| | Alarm | Rstr | Byp | Trbl | O/C | LoBat | |

0=standard; 1=expanded;

NOTE: Expanded overrides 4+2 format.

***53 STANDARD/EXPANDED REPORT FOR SECONDARY**

| | | | | | | | |
|-----|-------|------|-----|------|-----|-------|--|
| [0] | [0] | [0] | [0] | [0] | [0] | | |
| | Alarm | Rstr | Byp | Trbl | O/C | LoBat | |

0=standard; 1=expanded;

NOTE: Expanded overrides 4+2 format.

***54 UNATTENDED MODE**

| | |
|-----|--|
| [1] | |
|-----|--|

0=disable, 1=enable, if automatic downloads will be allowed
Must be "0" for Commercial Fire installations.

***56 DYNAMIC SIGNALING DELAY**

| | | |
|------|--|--|
| [03] | | |
|------|--|--|

Select the delay time (00-15) times 15 seconds before sending
to second destination.

NOTE: When Communicator is used as a backup to the dialer,
the Dynamic Signaling Delay (*56) should be set to a minimum
of 1 minute.

***57 DYNAMIC SIGNALING PRIORITY**

| | |
|-----|--|
| [0] | |
|-----|--|

0=Primary dialer; 1=Communicator, as first reporting
destination.

***58 COMM CENTRAL STATION #1 CATEGORY ENABLE**

| | | | | | | | |
|-----|-------|------|-----|-----|------|------|--|
| [0] | [0] | [0] | [0] | [0] | [0] | | |
| | Alarm | Trbl | Byp | O/C | Syst | Test | |

0=disable, 1=enable for reports for primary subs ID of
communicator.

***59 COMM CENTRAL STATION #2 CATEGORY ENABLE**

| | | | | | | | |
|-----|-------|------|-----|-----|------|------|--|
| [0] | [0] | [0] | [0] | [0] | [0] | | |
| | Alarm | Trbl | Byp | O/C | Syst | Test | |

0=disable, 1=enable for reports for secondary subs ID of
communicator.

***77** AUTO TROUBLE RESTORE [1] ☐

0=disable, 1=enable

***79** ZONE TYPE RESTORE ENABLES FOR ZONE TYPES

1-8

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

1=enable; [0=disable]

***80** FOR TYPES 9, 10 and 14

| | | |
|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | 10 | 14 |

1=enable; [0=disable]

Restores must be set to "1" for Commercial Fire installations.

***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 [01]

01-15 alarms

Must be "00" (disabled) for Commercial Burglary

***85** ENABLE DIALER REPORTS FOR PANICS & DURESS

1=enable; [0=disable]

| | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 995 | 996 | 999 | Duress |

***87** ENTRY WARNING [1] ☐

1=continuous; 0=3 beeps

***88** BURGL. ALARM COMM. DELAY [1] ☐

1=30 seconds; 0=no delay

Must be "0" for Commercial Burglary installations. Must be "1" for SIA installations.

***89** ALARM RESTORE REPORT TIMING [0] ☐

0 = Restore is sent when zone is restored or at disarming, whichever occurs first.

1 = Restore is sent at disarming whether zone is restored or not, or at bell timeout, but only if restored.

2 = Restore is sent at disarming, whether the zone is restored or not.

This field applies only to Burglary zone types. It does not apply to Fire or Panic zone types.

Must be "2" for Commercial Burglary installations.

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

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

1*11 ZONE BYPASS AFTER DISARM

[00000000]

| | | | | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| <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 |

1=enable; 0=disable

Enter 1 for each partition in which zones will remain bypassed after disarm.

NOTES:

For each partition in which field 1*11 is enabled, the **USER CODE + OFF** will no longer unbypass zones. To unbypass ALL zones, you must enter **USER CODE + # + 64**. To unbypass zones INDIVIDUALLY, you must enter **USER CODE + 6 + zone number**.

Any zone that was automatically bypassed by the system will be unbypassed upon disarming of the system (e.g., STAY mode, Auto-STAY, etc.).

Vent zones and zones bypassed by a programmed Auto-Bypass schedule (Timed Driven Event) are considered "manual bypasses" and will not be unbypassed upon disarming the system.

Zones that were in a bypassed state at the time a System Shutdown is sent from the Compass Downloading software will be unbypassed when the System Shutdown is removed.

1*12 PROGRAM NOTIFICATION SIGNAL [1] ☐

1=yes; 0=no

Must be "1" for Commercial Fire installations.

1*13 SYSTEM SENSOR REVERSING RELAY – Not Used.

[0] ☐

0=use neither Zone 1 or Zone 2 inputs; 1=use Zone 1 input; 2=use Zone 2 input; 3=use Zone 1 and Zone 2 inputs.

1*15 CANCEL VERIFY [1] ☐

0=disable, 1=enable alarm output pulse upon kissoff of

Cancel report. **NOTE:** Field 1*52 must be enabled to send a Cancel report to the central station.

NOTE: Cancel reports must be enabled in system group 1.

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 Burglary and Commercial Fire 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 Burglary and Commercial Fire installations.

1*20 EXIT ERROR LOGIC ENABLE [1] ☐

0=No; 1=Bypass E/E and Interior zones faulted after exit delay.

Must be "0" for Commercial Burglary installations. Must be enabled "1" for SIA installations.

1*21 EXIT DELAY RESET [1] ☐

0=No; 1=Resets Exit Delay to programmed value after zone is closed and then faulted prior to end of exit delay.

Must be "0" for Commercial Burglary installations. Exit Delay must be enabled "1" for SIA installations.

FIELDS 1*22-1*25: Allow four sets of two zones each to be linked so that both must fault within a 5-minute period to cause an alarm. Default for these fields = [000], [000].

1*22 CROSS-ZONING PAIR ONE

1*23 CROSS-ZONING PAIR TWO

1*24 CROSS-ZONING PAIR THREE

1*25 CROSS-ZONING PAIR FOUR

1*26 PANIC BUTTON OR SPEEDKEY

| | | | |
|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| A | B | C | D |

Enter speedkey macro # (01-32) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # 01-32, or 00 to select macro when key is pressed.

1*28 RF TX LOW BATTERY SOUND [0] ☐

1=immediate; 0=when disarmed

Must be 1 for UL installations.

1*29 RF TX LOW BATTERY REPORTING [0] ☐

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

1*30 RF RCVR CHECK-IN INTERVAL [02]

02-15 times 2 hours; 00 disables supervision
Maximum is 2 (4 hr) for UL installations.

1*31 RF XMITTER CHECK-IN INTERVAL [02]

02-15 times 2 hours; 00 disables transmitter supervision
Maximum is 2 (4 hr) for UL installations.

1*33 TOUCHTONE W/ROTARY BACKUP [0] ☐

1=enable; 0=disable

1*34 COMM. SPLIT REPORTING [0] ☐

0=no; 1=alarms and alarm restores primary, others secondary; 2=open/close, test secondary, others primary; 3=fire alarms and fire restores to primary and secondary, all others to secondary. See *51 for comments if using with dual reporting.

NOTE: Split reporting should not be used with Dynamic Signaling.

1*35 ACCESS CONTROL DIALER ENABLES - **Not Used.**

[0 0 0 0 0 0] ☐ ☐ ☐ ☐ ☐ ☐
Trace Trbl Byp Not Used Syst Alm

1=enable; 0=disable
Must Be Set To "0".

1*42 CALL WAITING DEFEAT [0] ☐

1=enable; 0=disable

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.
NOTE: This field affects only standard keypads, not AUI or graphic keypads.

1*44 WIRELESS KEYPAD TAMPER DETECTION - **Not Used. Must be set to "0".**

[0] ☐

1=enable; 0=disable.

1*45 EXIT DELAY SOUNDING [1] ☐

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

NOTES:

Must be set to "0" in partition 1 for fire systems.

Must be enabled "1" for SIA installations.

See page 32, "SOUND OPTION", prompt for disabling the entry/exit beeps on individual keypads.

1*47 CHIME ON BELL 1 [0] ☐

1=enable; 0=disable

1*48 WIRELESS KEYPAD ASSIGNMENT - **Not Used. Must be set to "0".**

[0] ☐

0=disable; enter partition in which RF keypad used, 1-8.

1*49 SUPPRESS TX SUPERVISION SOUND [1] ☐

1=disable; 0=enable.

Must be "0" for Commercial Burglary and Fire installs.

1*52 SEND CANCEL IF CODE + OFF [1] ☐

1=no restriction; 0=within bell timeout period only.
Must be enabled "1" for SIA installations.

1*53 DOWNLOAD CALLBACK [0] ☐

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

1*55 EUROPEAN DATE FORMAT [0] ☐

0=disable (mm/dd/yy); 1=enable (dd/mm/yy).

1*56 AC 50/60 Hz CLOCK SPEED [0] ☐

1=50 Hz; 0=60 Hz.

1*57 5800 RF BUTTON GLOBAL ARM [0] ☐

1=enable; 0=disable

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

1*58 5800 RF BUTTON FORCE ARM [0] ☐

1=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. 0=disable.
Must be "0" for Commercial Burglary and Commercial Fire 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 Burglary and Commercial Fire installations.

1*69 PRINTER TYPE - **Not used. Must be set to "0".**

[0] ☐

Enter 0 if you are using a parallel printer connected to the VA8201 Alpha Pager Module.
Enter 1 if you are using a serial printer.

1*70 EVENT LOG TYPES

[1 0 0 0 1 0] ☐ ☐ ☐ ☐ ☐ ☐
Alarm Chk Byp O/C Syst Test

1=enable; 0=disable

1*71 12/24 HOUR TIME STAMP FORMAT [0] ☐

0=12 hour; 1=24 hour

1*72 EVENT LOG PRINTER ON-LINE - **Not Used. Must Be Set To "0".**

[0] ☐

0=disable; 1=enable

1*73 PRINTER BAUD RATE - **Not Used. Must Be Set To "0"..**

[0] ☐

1=300; 0=1200

1*74 RELAY TIMEOUT XXX MINUTES [000]

Enter 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 Output Programming output command "56."

1*75 RELAY TIMEOUT YYY SECONDS [000]
 Enter relay timeout, **0-127** seconds, desired for #80 Menu Mode time driven event relay command numbers "05/10" and #93 Menu Mode Output Programming command "57."

1*76 CONTROL RELAY [00]
 Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter relay number 01-96; 00=none.
 Must be "00" for Commercial Burglary and Commercial Fire installations.

1*77 LOG FIRST MAINTENANCE SIGNAL [0]
 0=No Log; 1=Log first maintenance signal from each smoke detector.

1*78 EXTENDED HOME CONT EVENTS [0]
Not Used. Must Be Set To "0".
 0=Limited home control command set (32 commands).
 1=Extended home control command set (255 commands).

1*79 HOME CONTROL EVENTS
 [0 0 0 0 0 0]
 Alarm Trbl Byp O/C Syst Test
Not Used. Must Be Set To "0" In Each Entry.
 1=enable; 0=disable. Select the type of events (status reports) transmitted via the RS232 output.

3rd Page Programming Fields (press *94)

2*00 NUMBER OF PARTITIONS [1]
 Enter 1-8

2*01 DAYLIGHT SAVING TIME [03, 11]
 START/END MONTH Start End
 00-12; if no daylight saving time, enter 00,00

2*02 DAYLIGHT SAVING TIME [2, 1]
 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]

2*05 AUTO-ARM DELAY [15]
 Enter the time between the end of the arming window and the start of auto-arming warning period, in values of 1-14 times 4 minutes 00=instant; [15=no auto arm at all]. When this delay expires, the Auto-Arm Warning Period begins.

2*06 AUTO-ARM WARNING PERIOD [15]
 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
 0=disable; 1=enable
 See system-wide field 2*11 if enabling field 2*10. This feature adds high security to the installation.

2*11 ALLOW DISARM OUTSIDE WINDOW [0]
 IF ALARM OCCURS
 Used only if field 2*10 is set to "1." If this field is enabled ("1") the system can be disarmed outside the disarm window if an alarm has occurred. If "0," disarming can only be done during the disarm window. If field 2*10 is set to "0" for a partition, this field has no effect for that partition.

2*18 ENABLE GOTO FOR THIS PARTITION [0]
 1=Allow log-on from other partitions; 0=disable
NOTE: Must be disabled for partition 1 in Commercial Fire installations.

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

2*20 ENABLE J2 TRIGGERS FOR PARTITION [1]
 0=disable; 1=enable for displayed partition

2*21 ENABLE SUPERVISION PULSES FOR COMM -
Not Used. Must Be Set To "00000".
 00000]
 F B P S T
 Used only for supervised connection to Communicators (e.g. 7845i-ent).
 Enter 0 to disable or 1 to enable the listed outputs.
 F= Fire; B= Burglary/Audible Panic; P= Silent Panic/Duress;
 S= Supervisory; T= Trouble.

2*22 DISPLAY FIRE ALARMS OF [0]
 OTHER PARTITIONS
 0=disable; 1=enable.
 Must be set to "0" (disable) for partition 1.

2*23 DISPLAY BURG, PANIC and CO [0]
 ALARMS OF OTHER PARTITIONS
 0=disable; 1=enable.
 Must be set to "0" (disable) for partition 1.

2*24 DISPLAY TROUBLES OF OTHER [0]
 PARTITIONS
 0=disable; 1=enable
 Must be set to "0" (disable) for partition 1.

2*30 through 2*88 (PAGER OPTIONS) - Not Used.

4th Page Programming Fields (press *94)

3*00 DISPLAY TRBL INSTEAD OF CHECK [0]
 0=CHECK; 1=TRBL

3*01 EVENTS DISPLAY LOCK [1]
 0=scroll all alarms; 1=lock display of first fire alarm
NOTE: Must be set to "1" for Commercial Fire Installations.

3*12 ZN TYPE 18 DELAY USE [1]
 0=disable; 1=enable
NOTE: Must be set to "0" for Commercial Fire Installations.

3*13 FIRE SUPERVISORY RESPONSE TO OPEN/SHORT(Applies to Zone Type 18) [0] ☐

0=Trouble on open/Supervisory on short

1=Supervisory on open/Supervisory on short

NOTE: Must be set to "0" for Commercial Fire Installations.**3*14 WATERFLOW SILENCE OPTION** [0] ☐

0=silence on code = off; 1=silence when waterflow restores

NOTE: Must be set to "0" for Commercial Fire Installations.**3*16 DELAY FOR ZONE TYPE 17 & 18** [00]

Enter 00-15 times 2 seconds

Delay cannot exceed 90 seconds in UL installations.

NOTE: Must be "00" for Commercial Fire installations.**3*17 ALTERNATE FUNCTION (TAMPER)** [0] ☐

FOR ZONE 6 0=disable; 1=enable

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

0=disable; 1=enable

NOTE: Must be "0" for Commercial Fire installations.**3*19 AUX INPUT ALTERNATE FUNC ENABLE** [0] ☐

0=pins 5 and 9 function as per filed 3*20;

1=pins 5 and 9 function as RXD and DTR

NOTE: Must be set to "0" for Commercial Fire Installations.**3*20 TRIGGER OUTPUT SELECTION** [0] ☐

0=Communicator full connection & remote console sounder;

1=Communicator limited connection and keyswitch LEDs

2=Communicator fire only connection and 5140LED

NOTE: Must be set to "0" for Commercial Fire Installations.**3*21 MAX NUMBER 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]

0=disable; 1=enable

Main Backup

NOTE: If 3*30 is disabled (0, 0), the panel does not report at all via Communicator.**3*31 BACKUP DIALER TOUCHTONE/ROTARY** [1] ☐

1=TouchTone; 0=Rotary

3*50 ZONE TYPE RESTORE ENABLES

FOR ZONE TYPES 16-18

1=enable; [0=disable]

Restores must be set to "1" for Commercial Fire installs.

3*55 RESET ON SECOND OFF FOR BELL 1 [0] ☐

0=disable; 1=enable

NOTE: Must be set to "0" for Commercial Fire Installations.**3*56 RESET ON SECOND OFF FOR BELL 2** [0] ☐

0=disable; 1=enable

NOTE: Must be set to "0" for Commercial Fire Installations.**3*57 BELL 2 & AUX RELAY CONFIRM** [0,0]

ARMING DING

Bell 2 Aux

0=disable; 1=enable.

NOTE: If using a keyfob, when the button is pressed, either for arming or disarming, the bell will ding indicating that the button is working.

Must be "1" for Commercial Burglary installations.

3*59 ENABLE BELL 2 & AUX RELAY [0,0]

CHIME ANNUNCIATION

Bell 2 Aux

0=disable; 1=enable

NOTE: Must be "0, 0" if Bell 2 or Aux. Relay is used for fire application.**3*60 BELL 2 & AUX RELAY TIMEOUT**

Bell 2 Aux

Enter 00-15 times 2 minutes; 00=no timeout [00,00]

Minimum 16 minutes for Commercial 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

NOTE: See Data Field Descriptions in the Installation and Setup Guide for specific information.**3*82 ENABLE BURG FEATURES ON PART 1** [1] ☐

0=disable (disables AWAY, STAY, MAX, TEST, INSTANT and CHIME); 1=enable;

NOTE: Must be "0" for Commercial Fire installations.**3*85 ENABLE FIRE & SYSTEM ZONE BYPASS** [1] ☐

0=disable; 1=only installer can bypass;

2=only installer and master can bypass.

Applies to fire zone types 9, 16, 17, and 18 and system zones 970-977 and 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

- *06** QUICK EXIT [1] ☐
1=enable; 0=disable
- *09** ENTRY DELAY #1 [02]
00, 02-15 times 15 seconds
Maximum "03" for Commercial Burglary installations.
The entry delay time and Burg Alarm Comm Delay (field *88) combined cannot exceed 1 minute for SIA installations.
- *10** EXIT DELAY #1 [04]
00, 03-15 times 15 seconds
Maximum "04" for Commercial Burglary installations.
Minimum 45 seconds "03" for SIA installations.
- *11** ENTRY DELAY #2 [02]
00, 02-15 times 15 seconds (must be longer than Entry Delay #1). Maximum "03" for Commercial Burglary installations.
The entry delay time and Burg Alarm Comm Delay (field *88) combined cannot exceed 1 minute for SIA installations.
- *12** EXIT DELAY #2 [08]
00, 03-15 times 15 seconds (must be longer than Exit Delay #1). Maximum "04" for Commercial Burglary installations.
Minimum 45 seconds "03" for SIA installations.
- *13** BELL 1 TIMEOUT [03]
01-15 times 2 minutes. Must be set to a minimum 16 minutes for Commercial Burglary installations. Must be minimum 6 minutes for Commercial Fire and SIA installations.
- *16** BELL 1 CONFIRMATION OF ARMING DING [0] ☐
1=enable; 0=disable.
NOTE: If using a keyfob, when the button is pressed, either for arming or disarming, the bell will ding indicating that the button is working.
Must be "1" for Commercial Burglary installations.
- *22** KEYPAD PANIC ENABLES [001]
1=enable; 0=disable 995 996 999
NOTE: Use for burglary panic types only. Do not use in partition 1 in Fire systems.
- *23** MULTIPLE ALARMS [1] ☐
1=enable; 0=disable.
Must be 1 for Commercial Burglary installations.
- *29** QUICK ARM [1] ☐
1=enable; 0=disable
- *32** PRIM. SUBS. ACCT #
Enter 00-09; B-F (11-15) [15 15 15 15]
- *38** PREVENT ZONE XXX BYPASS [000]
001-250; 000 if all zones can be bypassed

- *39** ENABLE OPEN/CLOSE REPORT [1] ☐
FOR INSTALLER CODE
1=enable; 0=disable
- *84** SWINGER SUPPRESSION [01]
01-15 alarms;
Must be "00" (disabled) for Commercial Burglary installations.
- *85** ENABLE DIALER REPORTS FOR PANICS & DURESS

1=enable; [0=disable] 995 996 999 Duress
- *87** ENTRY WARNING [1] ☐
1=continuous; 0=3 beeps
- *88** BURG. ALARM COMM. DELAY [1] ☐
1=30 seconds; 0=no delay.
Must be "0" for Commercial Burglary installations.
Must be "1" for SIA installations.
- *90** SEC. SUBS. ACCT #
Enter 00-09; B-F (11-15) [15 15 15 15]

2nd Page Fields

- 1*18** AFFECTS LOBBY [0] ☐
Enter 1 if this partition affects the common lobby; enter 0 if it does not.
Must be set to "0" for Commercial Burglary and Commercial Fire 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 Burglary and Commercial Fire installations.
- 1*26** PANIC BUTTON OR SPEEDKEY
[00, 00, 00, 00]
A B C D
Enter speedkey macro # (01-32) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # 01-32 or 00 to select macro when key is pressed.
- 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.
NOTE: This field affects only standard keypads, not AUI or graphic keypads.

1*45 EXIT DELAY SOUNDING [1] ☐

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

NOTES:

Must be set to "0" in partition 1 for fire systems.

Must be enabled "1" for SIA installations.

See page 32, "SOUND OPTION", prompt for disabling the entry/exit beeps on individual

1*47 CHIME ON BELL 1 [0] ☐

1=enable; 0=disable

1*52 SEND CANCEL IF CODE + OFF [1] ☐

1=no restriction; 0=within Bell Timeout period only.

Must be enabled "1" for SIA installations.

1*76 CONTROL RELAY FOR PART. [00] ☐

Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-96; 00=none.

Must be "00" for Commercial Burglary and Commercial Fire installations.

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 Warning Period begins.

2*06 AUTO-ARM WARNING PERIOD [15] ☐

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 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 re-enters 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 installation.

0=disable; 1=enable

2*18 ENABLE GOTO FOR THIS PARTITION [0] ☐

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

NOTE: Must be disabled (0) for partition 1 in Commercial Fire installations.

2*20 ENABLE J2 TRIGGERS BY PARTITION [1] ☐

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

2*22 DISPLAY FIRE ALARMS OF [0] ☐**OTHER PARTITIONS**

0=disable; 1=enable

Must be set to "0" (disable) for partition 1.

2*23 DISPLAY BURGLY, PANIC AND CO ALARMS [0] ☐**OF OTHER PARTITIONS**

0=disable; 1=enable

Must be set to "0" (disable) for partition 1.

2*24 DISPLAY TROUBLES OF OTHER [0] ☐**PARTITIONS**

0=disable; 1=enable

Must be set to "0" (disable) for partition 1.

4th Page Fields**3*57 BELL 2 & AUX RELAY CONFIRM** [0,0] ☐ ☐**ARMING DING**

0=disable; 1=enable.

NOTE: If using a keyfob, when the button is pressed, either for arming or disarming, the bell will ding indicating that the button is working.

Must be set to "1" for Commercial Burglary installations.

3*59 ENABLE BELL 2 & AUX RELAY [0, 0] ☐ ☐**CHIME ANNUNCIATION**

0=disable; 1=enable

NOTE: Must be "0, 0" if Bell 2 or Aux. Relay is used for fire application.

3*60 BELL 2 & AUX RELAY TIMEOUT ☐ ☐

Bell 2 Aux

Enter 00-15 times 2 minutes; 00=no timeout [00, 00]

Minimum 16 minutes for Commercial Burglary installations.

SUMMARY OF PROGRAMMING COMMANDS

- **To enter program mode**, enter installer code + [8] + [0] + [0] + [0]
- **To set standard defaults**, press *97
- **To change to next page of program fields**, press *94
- **To return to previous set of fields**, press *99
- **To erase account and 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**, enter *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 field should be preset before beginning: 2*00 Number of Partitions. 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.

NOTE: All references in this manual for number of zones, number of user codes, and the event log capacity, use the VISTA-250FBP's features. See page 5 of this manual for the table listing the differences between the VISTA-128FBP and the VISTA-250FBP control panels.

#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 |
| 001-009 | All data entries are either 2-digit or 3-digit entries. |
| 000 | Exits menu mode, back into field programming mode, when entered at the first question for each category. |

Menu selections are as follows:

| PROMPT | EXPLANATION |
|---|---|
| <div>ZONE PROG? 1 = YES 0 = NO 0</div> | <div>For programming the following:</div> <ul style="list-style-type: none">• Zone Number• Zone Response Type• Partition Number for Zone• Dialer report code for zone• Input Device Type for zone (whether RF, polling loop, etc.)• Enrolling serial numbers of 5800 Series transmitters & serial polling loop devices into the system.• Zone Attributes (e.g., Arm w/Fault, Silent, etc.) |
| <div>EXPERT MODE? 1 = YES 0 = NO 0</div> | <div>Same as Zone Programming except:</div> <ul style="list-style-type: none">• Done with a minimum number of keystrokes.• Can program wireless keys using pre-defined templates. <p>NOTE: Be aware some of the zone attributes cannot be programmed in the Expert Mode. These can only be done in Zone Programming.</p> |
| <div>REPORT CODE PROG? 1 = YES 0 = NO 0</div> | <div>For programming the following:</div> <ul style="list-style-type: none">• Alarm report codes for zones• Restore & supervisory codes• All other system report codes |
| <div>ALPHA PROG? 1 = YES 0 = NO 0</div> | <div>For entering alpha descriptors for the following:</div> <ul style="list-style-type: none">• Zone Descriptors• Default Screen• Custom Words• Partition Descriptors |
| <div>DEVICE PROG? 1 = YES 0 = NO 0</div> | <div>For defining the following device characteristics for addressable devices, including keypads, RF receivers (5881ENHC), output relay modules (4204/4204CF), 4286 VIP Module, and Communicators (7845i-ent, 7845GSM, 7845i-GSM).</div> <ul style="list-style-type: none">• Device Address• Device Type• Keypad Options (incl. partition assignment)• RF House ID• Communicator Options (incl. programming communicators) |

| PROMPT | EXPLANATION |
|--|---|
| OUTPUT PGM? 1 = YES 0 = NO 0 | For defining output relay functions. |
| RLY VOICE DESCR? 1 = YES 0 = NO 0 | For entering voice descriptors for relays to be used with the 4286 VIP Module. Must be set to “0” for Commercial Fire Installations. |
| CUSTOM INDEX? 1 = YES 0 = NO 0 | For creating custom word substitutes for VIP Module annunciation. Must be set to “0” for Commercial Fire Installations. |
| ACCESS POINT PGM 1 = YES 0 = NO 0 | For defining the parameters for each of the VistaKey access points, including which group(s) have access through an access point (door). See the <i>VistaKey-SK Installation and Setup Guide</i> for the detailed programming instructions. |
| ACCESS GRP PGM 1 = YES 0 = NO 0 | For defining the capabilities (privileges) for each group of users. See the <i>VistaKey-SK Installation and Setup Guide</i> for the detailed programming instructions. |
| EVENT/ACTION PGM 1 = YES 0 = NO 0 | For defining events and time windows for an access group. See the <i>VistaKey-SK Installation and Setup Guide</i> for the detailed programming instructions. |
| SCHEDULED CHK-IN 1 = YES 0 = NO 0 | For defining the schedule for the system to automatically call the downloader. NOTE: Must be set to “0” for Commercial Fire installations. |

Zone Programming



- All Fire zones should be assigned to partition 1.
- If using 5800 Series transmitters, do not install batteries until you are ready to enroll them. After enrolling the transmitter, the battery need not be removed. This is to prevent enrolling the wrong serial number.

| PROMPT | EXPLANATION |
|---|--|
| <div> <div>ZONE PROG?</div> <div>1 = YES 0 = NO 0</div> </div> | <p>Press 1 to enter ZONE PROGRAMMING mode. The following screens appear. Press [*] to display the next screen. Press # to display a previous screen.</p> |
| <div> <div>SET TO CONFIRM?</div> <div>1 = YES 0 = NO 0</div> </div> | <p>This prompt appears once upon entering Zone Programming Mode.</p> <p>If “Yes,” Confirmation prompts will be displayed after the device’s Serial and Loop numbers have been entered later.</p> |
| <div> <div>ENTER ZONE NO.</div> <div>000 = QUIT 010</div> <div>Zone 010 entered ↑</div> </div> | <p>Enter the 3-digit zone number to be programmed, as follows:</p> <p>Protection Zones = 001–250</p> <p>Relay Zones = 601–632 (use for relays on 4204CF modules only).</p> <p>ECP Device Supervisory Zones = 800–830</p> <p>System Supervisory Zones = 988, 990, 992 (duress), 997</p> <p>Keypad Panic Zones = 995 (Do not use in Fire Alarm applications), 996, 999</p> <p>Press [*] to continue.</p> |
| <div> <div>010 ZT P RC In L</div> <div>00 1 10 00 1</div> </div> | <p>This display appears, showing a summary of the zone’s current programming. ZT = Zone Type, P = Partition, RC = Report Code, In = the input type of device, and L = the device’s loop number to which the sensor is connected.</p> <p>Some devices can support more than one zone by means of individual loops (for example 5817CB, etc.). If the zone is not programmed, the display appears as shown here. If you are checking a zone’s programming, and it is programmed satisfactorily, press [#] to back up one step and enter another zone number, if desired. Press [*] to continue.</p> |

| PROMPT | EXPLANATION | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|------------------------------|------------------------|------------------------------|-----------------------------|------------------------------|----------------|--------------------------|-----------------------|----------------------------------|----------------------|------------------------------|----------------|--------------------------|----------------|---------------------------|--------------|-----------------------|---|--------------------------------|-------------------|-------------------------------|---------------|--|---|-----------------|--|
| <div>010 ZONE TYPE PERIMETER 03</div> <div>Zone number 010 and Zone Type 03 entry shown † These are special zone types used with 5800 Series Wireless Pushbutton Units that result in arming the system in the STAY or AWAY mode, or disarming the system, depending on the selection made.</div> | <p>Each zone must be assigned a zone type, which defines the way in which the system responds to faults in that zone. Refer to the <i>Zone Type Definitions</i> section in the <i>VISTA-128FBP/VISTA-250FBP Installation and Setup Guide</i> for detailed definitions of each zone type. Enter the zone type desired (or change it, if necessary). Available zone types are listed below.</p> <table> <tr> <td>00 = Assign for Unused Zones</td><td>14 = CO Detector Alarm</td></tr> <tr> <td>01 = Entry/Exit #1, Burglary</td><td>16 = Fire With Verification</td></tr> <tr> <td>02 = Entry/Exit #2, Burglary</td><td>17 = Waterflow</td></tr> <tr> <td>03 = Perimeter, Burglary</td><td>18 = Fire Supervisory</td></tr> <tr> <td>04 = Interior Follower, Burglary</td><td>19 = 24-Hour Trouble</td></tr> <tr> <td>05 = Trouble Day/Alarm Night</td><td>20 = Arm-STAY†</td></tr> <tr> <td>06 = 24 Hr. Silent Alarm</td><td>21 = Arm AWAY†</td></tr> <tr> <td>07 = 24 Hr. Audible Alarm</td><td>22 = Disarm†</td></tr> <tr> <td>08 = 24 Hr. Auxiliary</td><td>23 = No Alarm Response (e.g., relay activation)</td></tr> <tr> <td>09 = Fire Without Verification</td><td>27 = Access Point</td></tr> <tr> <td>10 = Interior Delay, Burglary</td><td>28 = Not Used</td></tr> <tr> <td>12 = Panel Link Supervision – Not Used</td><td>29 = Momentary Exit (used with VistaKey module)</td></tr> <tr> <td>13 = Remote P/S</td><td></td></tr> </table> <p>Press [*] to continue.</p> | 00 = Assign for Unused Zones | 14 = CO Detector Alarm | 01 = Entry/Exit #1, Burglary | 16 = Fire With Verification | 02 = Entry/Exit #2, Burglary | 17 = Waterflow | 03 = Perimeter, Burglary | 18 = Fire Supervisory | 04 = Interior Follower, Burglary | 19 = 24-Hour Trouble | 05 = Trouble Day/Alarm Night | 20 = Arm-STAY† | 06 = 24 Hr. Silent Alarm | 21 = Arm AWAY† | 07 = 24 Hr. Audible Alarm | 22 = Disarm† | 08 = 24 Hr. Auxiliary | 23 = No Alarm Response (e.g., relay activation) | 09 = Fire Without Verification | 27 = Access Point | 10 = Interior Delay, Burglary | 28 = Not Used | 12 = Panel Link Supervision – Not Used | 29 = Momentary Exit (used with VistaKey module) | 13 = Remote P/S | |
| 00 = Assign for Unused Zones | 14 = CO Detector Alarm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 = Entry/Exit #1, Burglary | 16 = Fire With Verification | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 02 = Entry/Exit #2, Burglary | 17 = Waterflow | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 = Perimeter, Burglary | 18 = Fire Supervisory | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 = Interior Follower, Burglary | 19 = 24-Hour Trouble | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 = Trouble Day/Alarm Night | 20 = Arm-STAY† | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 = 24 Hr. Silent Alarm | 21 = Arm AWAY† | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 = 24 Hr. Audible Alarm | 22 = Disarm† | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 = 24 Hr. Auxiliary | 23 = No Alarm Response (e.g., relay activation) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 09 = Fire Without Verification | 27 = Access Point | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 = Interior Delay, Burglary | 28 = Not Used | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 = Panel Link Supervision – Not Used | 29 = Momentary Exit (used with VistaKey module) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 = Remote P/S | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 Arm w/ Fault? 1 = YES 0 = NO 0</div> | <p>If you selected response type 1, 2, 4, or 10, this prompt appears. Enter 1 to enable arming of the partition with this zone faulted. The zone must be restored (see Force Arming, the next prompt) before the exit delay expires otherwise the system starts the entry delay and must be disarmed, or an alarm occurs.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 Force Arming? 1 = YES 0 = NO 0</div> | <p>If you entered 1 (YES) at the previous prompt, this prompt appears. Enter 1 to enable the system to automatically bypass the zone if it is faulted at the end of the exit delay.</p> <p>If you enter 0 to disable and the zone is faulted at the end of exit delay, the system either performs the exit error logic, if field 1*20 is enabled, or an alarm occurs.</p> <p>NOTE: Force Arming cannot be enabled for UL installations.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 Vent zone ? 1 = YES 0 = NO 0</div> | <p>If you selected response type 3, this prompt appears. Enter 1 to enable the arming of the partition with this zone faulted (force arm). The zone is automatically bypassed.</p> <p>NOTE: The zone may be unbypassed simply by restoring the zone (e. g., closing the window), if the Vent Re-arm option (next prompt) for the zone is enabled.</p> <p>Enter 0 to disable.</p> <p>Press [*] to continue.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 Vent Re-arm ? 1 = YES 0 = NO 1</div> | <p>If you entered 1 (YES) at the previous prompt, this prompt will appear. Enter 1 to enable the system to automatically unbypass the zone when it is restored (e.g., by closing the window).</p> <p>Enter 0 to disable. The zone is bypassed for the duration of the armed period regardless of the zone status.</p> <p>Press [*] to continue.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 STAY MODE None 0</div> | <p>If you selected response type 1, 2, 3, 4, 5, or 10, this prompt will appear. Enter the STAY mode for this zone (0-2).</p> <p>0 = None. The zone is not bypassed when the partition is armed STAY.</p> <p>1 = Stay 1. The zone is automatically bypassed when the user enters [User Code] + [3] (STAY) + [1].</p> <p>2 = Stay 2. The zone is automatically bypassed when the user enters [User Code] + [3] (STAY) + [2].</p> <p>NOTES:</p> <p>0 (None) cannot be selected for response types 4 and 10.</p> <p>Response types 4 and 10 are defaulted for STAY mode 1.</p> <p>If the user enters [User Code] + [3] (STAY) + [3], all zones assigned to Stay mode 1 and 2 in the partition are automatically bypassed.</p> <p>If none of the zones in the partition are assigned to Stay mode 2, then when the user enters [User Code] + [3] (STAY), all zones assigned to Stay mode 1 are automatically bypassed.</p> <p>Press [*] to continue.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>010 Auto-stay ? 1 = YES 0 = NO 0</div> | <p>If you selected response type 1, 2, 3, 4, 5, or 10, this prompt will appear. Enter 1 to enable. The zone is automatically bypassed if none of the entry/exit zones are opened during the exit delay time (no one exits the premises). Enter 0 to disable.</p> <p>NOTES: All zones enabled for auto-stay except types 3 and 5 have exit delay time when the partition is armed. If auto-stay is enabled, make sure at least one zone is programmed for entry/exit in the same partition, otherwise this zone will be automatically bypassed every time the partition is armed.</p> <p>Press [*] to continue.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | |

| PROMPT | EXPLANATION |
|-------------------------------------|---|
| 010 Silent ? 1 = YES 0 = NO 1 | <p>If you selected response type 1, 2, 3, 4, 5, or 10, this prompt will appear. Enter 1 to enable. The zone follows all the selected response type's characteristics, except in the alarm condition, the alarm output and the keypad sounder do not sound and the keypad does not display the alarm condition.</p> <p>Enter 0 to disable.</p> <p>Press [*] to continue.</p> |
| 010 Bypass Group 01-15 01 | <p>If you selected response type 1, 2, 3, 4, 5, or 10, this prompt will appear. Enter the bypass group for the zone (01–15). This enables the user to bypass a group of zones by entering [User Code] + [6] (Bypass) + [*] + [Group No.] (01-15).</p> <p>Enter 00 for None.</p> <p>Press [*] to continue.</p> |
| 010 ACCESS POINT (00-31) 01 | <p>If response type 27, or 29 was selected, this prompt will be displayed. Enter the access point to be controlled by the input type (00-31 for type 27; 01-15 for type 29).</p> <p>NOTE: If you are using the VistaKey module, the access point must match the address that was set in the module.</p> <p>Press [*] to continue.</p> |
| 010 ENTRY OR EXIT 0 | <p>If response type 27, or 29 was selected, this prompt will be displayed. Enter whether the access point is an entry or exit point.</p> <p>0 = entry; 1 = exit</p> <p>Press [*] to continue.</p> |
| 010 Partition 1 | <p>Enter the partition number (1–8) you are assigning this zone to.</p> <p>Press [*] to continue.</p> |
| 010 REPORT CODE 1st 03 2nd 12 3C | <p>Enter the report code. The report code consists of 2 hexadecimal digits, each in turn consisting of 2 numerical digits. For example, for a report code of "3C," enter 03 for "3" and 12 for "C."</p> <p>(Refer to the <i>System Communication</i> section in the <i>Installation and Setup Guide</i> for more information about report codes and reporting formats.)</p> <p>Press [*] to continue.</p> |
| 010 BELL/RLY SEL 0 | <p>Each zone can be assigned to activate either one or both Notification Appliance Circuits and/or the system's auxiliary relay. Enter one of the following assignments:</p> <p>0=none; 1=bell 1; 2=bell 2; 3=bell 1 & bell 2; 4=aux relay; 5=bell 1 & aux relay; 6=bell 2 & aux relay; 7=bell 1 & bell 2 & aux relay.</p> <p>Press [*] to continue.</p> |
| 010 INPUT TYPE RF Xmitter 3 | <p>Enter the input device type as follows:</p> <ul style="list-style-type: none"> 00 = not used 01 = hardwired 02 = RF motion (RM type) 03 = supervised RF transmitter (RF type) 04 = unsupervised RF transmitter (UR type) 05 = RF button-type transmitter (BR type) 06 = serial number polling loop device (SL type) 07 = DIP switch-type polling loop device 08 = right loop of DIP switch type device 09 = keypad input (code + #73) 10 = Not Used 11 = VistaKey Door Status Monitor (DM) 12 = VistaKey Request to Exit (RE) 13 = VistaKey General Purpose (GP) <p>Right loops refer to the use of the right loop on a 4190WH Zone Expander Module and/or 4278EX PIR, which allow hardwired devices to be monitored by the polling loop.</p> <p>If you are programming hardwired or DIP switch polling loop devices, the summary display appears after completing this entry.</p> <p>NOTE: After programming, refer to the Installation and Setup Guide test section for testing of the RF devices.</p> <p>NOTE: Input types 11 (DM), 12 (RE), and 13 (GP) should only be used with VistaKey modules.</p> <p>Press [*] to continue.</p> |

| PROMPT | EXPLANATION |
|-------------------------------------|---|
| 010 SMART CONTACT 1 = YES 0 = NO | <p>If input type 3 or 6 was selected, this prompt will be displayed. Enter 1 for devices that monitor maintenance signals (ex. 5193SD, 5193SDT) or can be used to limit fault signals in the disarmed state (ex. Quest 2260SN). Otherwise, enter 0.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. The Smart Contact option must ONLY be selected for devices that support the feature, otherwise unpredictable results may occur. 2. If using the new 5193SD/SDT V-Plex smoke detectors (or older 5192SD/SDT with the maintenance DIP sw enabled) the "Smart" option must be selected in zone programming or when they enroll unpredictable results may occur if the smoke goes into a High Sens or Low Sens condition. |
| 001 Tamper Option none 0 | <p>If you selected input type 1, 6, 7, or 8, this prompt displays. If the zone has a tamper switch wired in the loop in addition to a sensor contact, enter the tamper option.</p> <p>Enter 1 if the tamper switch is normally closed (wired in series) with the EOL resistor. Enter 2 if the tamper switch is normally open (wired in parallel) with the EOL resistor. Enter 0 if a tamper switch is not being used in the loop.</p> <p>NOTE: For zone response types 9 or 16 (Fire), the tamper selection must be "0" none.</p> |
| 010 V-PLEX RELAY? 1 = YES 0 = NO | <p>If you selected input type 6, this prompt is displayed. Enter 1 if using a 4101SN Relay Module for this zone. Otherwise enter 0.</p> <p>Press [*] to continue.</p> |
| 010 CONS ECP ADDR (00-30) 01 | <p>If you selected input type 09, this prompt is displayed. Enter the ECP address of the keypad that is being used for entry/exit for this access point (00-30).</p> <p>Press [*] to continue.</p> |
| 010 ACCESS POINT (01-15) 01 | <p>If you selected input types 06 this prompt is displayed. Enter the access point (01-15) to be controlled by the input type.</p> <p>NOTE: For input type 06, the selected address must be 00.</p> <p>NOTE: If you are using the VistaKey module, the access point must match the address that was set in the module.</p> <p>Press [*] to continue.</p> |
| 010 INPUT S/N: XXXX-XXXX L 1 | <p>For Serial Number entry and Loop Number entry, do one of the following:</p> <ol style="list-style-type: none"> a. Transmit two open and close (or close and open) sequences. For a button-type transmitter, press and release the button, wait approximately 4 seconds, then press and release the button a second time. <p>OR</p> <ol style="list-style-type: none"> b. Manually enter the 7-digit serial number printed on a label on the transmitter, using the Alpha keypad. Then press the [*] key, the cursor moves to the "L" position. You can edit the loop number, if necessary. When the loop number is acceptable, press [*]. <p>OR</p> <ol style="list-style-type: none"> c. Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops). <p>Press [*] to accept.</p> |
| 010 INPUT S/N: A022-4064 L 1 | <p>The cursor will then move to the Loop column (L) with the previously entered/transmitted serial number displayed.</p> <p>Enter the loop number (refer to 5800 Series Transmitters Loop Designations below).</p> <p>To Delete an Existing Serial Number, enter "0" in the loop number field. The serial number will change to "0"s.</p> <p>If "0" was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display.</p> <p>Press [*] to accept.</p> |
| 010 INPUT S/N: A022-4064 L 1 | <p>The system will then check for a duplicate serial/loop number combination.</p> <p>If a duplicate serial/loop number combination is found, the keypad will emit a single long beep, and display the serial number along with a "?" for the loop number, allowing you to re-enter the correct loop number.</p> <p>If the serial/loop number combination is not a duplicate in the system, a display appears showing the serial number and loop number entry.</p> <p>Press [*] to continue.</p> |

5800 Series Transmitters Loop Designations

| PROMPT | EXPLANATION |
|------------------------------------|---|
| XMIT TO CONFIRM PRESS *TO SKIP | Confirmation Option: This prompt only appears if you answered “Yes” at the first prompt. The system enters a confirmation mode so that the operation of the actual programmed input can be confirmed. Activate the loop input or button that corresponds to this zone. At any time during this step, you may press the [*] key on the keypad to save the serial and loop number combination without confirming. |
| Entd A022-4063 1 Rcvd A022-4064 | If the serial number transmitted <u>does not</u> match the serial number entered , a display similar to the one at the left appears. If the loop number does not match, it is also displayed. If so, activate the loop input or button on the transmitter once again. If a match is not obtained (i.e., summary display does not appear), press the [#] key twice and then enter or transmit the correct serial number. |
| 010 ZT P RC In L 03 1 3C RF 1s | If the serial number transmitted <u>does</u> match the serial number entered, the system beeps 3 times and a summary display appears, showing that zone's programming. Note that an “s” indicates that a transmitter's serial number has been enrolled. Press [*] to accept the zone information. |
| ENTER ZONE NO. 000 = QUIT 011 | The system now returns to the “ENTER ZONE NO.” prompt for the next zone. When all zones have been programmed, enter “000” to quit. |

After you have enrolled each wireless device, remove ONE of the serial number labels from that device and affix it in the appropriate column on the worksheets provided later in this *Programming Guide*; then enter the other information (zone number, zone type, etc.) relevant to that device.



When you have finished programming all zones, test each using the system's Test Mode. Do not use the Transmitter ID Sniffer Mode. The system checks only for transmission of one zone on a particular transmitter, NOT the zones assigned to each additional loop, and also does not verify polling loop type zones.

Expert Mode Zone Programming

Expert mode allows you to program zones using the minimum number of screens and keystrokes.



Expert Mode Zone Programming does not provide the capability to program some of the zone's attributes, such as Arm w/Fault, Vent Zone, STAY mode, Auto-STAY, Bypass Group, etc. If you want to program a zone for any of these attributes, you must use Zone Programming.

Enter the Programming mode with **[Installer Code] + 8 0 0 0**

Before programming your zones, do the following:

1. Program field **2*00: Number of Partitions**.
2. Enable your RF Receiver in *Device Programming* menu mode.

To program your zones, press ***93** to display the "ZONE PROG?" prompt. Enter "0" (NO) to each prompt until the "EXPERT MODE?" prompt appears.

| PROMPT | EXPLANATION |
|--------------------------------------|---|
| EXPERT MODE? 1 = YES 0 = NO 0 | Press 1 to enter Expert mode. |
| SET TO CONFIRM? 0 = NO 1 = YES 0 | This prompt appears once upon entering Expert Mode. If you select "Yes," Confirmation prompts will be displayed after the device's Serial and Loop numbers have been entered later. |
| Zn ZT P RC In L 001 03 1 10 HW - | A summary display appears, showing zone 1's current programming or default values. |
| Zn ZT P RC In L 010 03 1 10 RF 1s | Enter the desired 3-digit zone number and press [*] . NOTE: If you want to exit the Expert mode, enter "000" + [*] . If an "s" appears after the loop number, it indicates that the transmitter's serial number has been enrolled. Use the [D] key to enter and duplicate wireless keys (see "Entering Wireless Keys" later) |
| Zn ZT P RC In L 010 03 1 10 RF - | Enter all zone information except for Loop number, or press "C" to copy the zone information on this screen from the last saved zone (including Loop). ZT = Zone Type P = Partition RC = Report Code In = Input Device Type L = Loop number to which the sensor is connected. NOTE: Pressing the [C] copies the zone information from the last saved zone, which includes the input type. Verify this information is correct for this zone. On this screen: <ul style="list-style-type: none">• Use the [A] key to move to the right.• Use the [B] key to move to left and to back up to "ZT" field. Press [*] to accept the existing or newly-entered zone information. |

| PROMPT | EXPLANATION |
|---|--|
| <div> <div>ZN B M V A C E AD</div> <div>010 2 1 1 0 1 1 01</div> </div> | <p>Enter the remainder of the zone's information, or press the [C] key to copy the zone attributes on this screen from the last saved zone.</p> <p>B = Bell/Relay Assignment M = Maintenance (only used if "In" = 3 or 6) V = Do Not Use. Must be set to "0". AC = Access Point (only used if ZT = 27, 29 or In = 6, 11, 12, 13) E = Entry or Exit? (only used if ZT = 27) AD = Address (only used if "In" = 9) If "In" = 9, enter the Device Address</p> <p>NOTE: Pressing the [C] copies the zone attributes from the last saved zone. Verify the attributes for this zone are correct.</p> <p>On this screen:</p> <ul style="list-style-type: none"> Use the [A] key to move to the right. Use the [B] key to move to left and to back up to "V" field. <p>Press [*] to accept existing information.</p> |
| <div> <div>010 INPUT S/N: L</div> <div>A XXX-XXXX -</div> </div> | <p>If you entered RM, RF, BR, UR or SL for the Input Type, this screen displays. Otherwise the summary screen for the next zone displays.</p> <p>Enter the 7-digit serial number, using one of the following methods:</p> <ol style="list-style-type: none"> Transmit two open and close (or close and open) sequences. For a button-type transmitter, press and release the button, wait approximately 4 seconds, then press and release the button a second time. OR Manually enter the 7-digit serial number printed on a label on the transmitter, using the alpha keypad. Then press the [*] key, the cursor will move to the "L" position. You can edit the loop number, if necessary. When the loop number is acceptable, press [*]. OR Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops). <p>Remember, you can use the [A] key to move to the right or the [B] key to move to the left. You can also use the [#] key to back up without saving.</p> |
| <div> <div>010 INPUT S/N: L</div> <div>A022-4064 1</div> </div> | <p>Press [*] to accept the serial number and advance to the "L" position (if method "a" or "c" was used), then enter the loop number.</p> <p>If necessary, press the [#] key to back up without saving, and re-enter or edit the serial number before pressing [*] to save</p> <p>The system checks for a duplicate. If a duplicate serial/loop number combination is found, the keypad will emit a single long beep, and display the serial number along with a "?" for the loop number, allowing you to re-enter the correct loop number.</p> |
| <div> <div>010 INPUT S/N: L</div> <div>A000-0000 1</div> </div> | <p>To Delete an Existing Serial Number, enter "0" in the loop number field. The serial number will change to "0"s.</p> <p>If "0" was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display.</p> |
| <div> <div>XMIT TO CONFIRM</div> <div>PRESS *TO SKIP</div> </div> | <p>The prompt to confirm appears. This prompt only appears if you answered "Yes" at the "SET TO CONFIRM?" prompt.</p> <p>The system enters a confirmation mode so that the operation of the actual programmed input can be confirmed. Activate the loop input or button that corresponds to this zone. At any time during this step, you may press the [*] key on the keypad to save the serial and loop number combination without confirming.</p> |
| <div> <div>Entd A022-4063 1</div> <div>Rcvd A022-4064</div> </div> | <p>If the serial number transmitted <u>does not</u> match the serial number entered, a display similar to the one at the left appears. If the loop number does not match, it also is displayed.</p> <p>If so, activate the loop input or button on the transmitter once again. If a match is not obtained (i.e., summary display for the next zone does not appear), press the [#] key twice and then enter or transmit the correct serial number.</p> <p>Activate the button on the wireless key again after re-entering the serial number.</p> |
| <div> <div>Zn ZT P RC In L</div> <div>011 00 1 10 00 1</div> </div> | <p>If the serial number transmitted <u>matches</u> the serial number entered, the system beeps 3 times and advances to the summary display for the next zone's programming.</p> <p>After all the zones have been programmed, enter 000 for the zone number to quit.</p> |

After you have enrolled each wireless device, remove **ONE** of the serial number labels from that device and affix it in the appropriate column on the worksheets provided later in this *Programming Guide*; then enter the other information (zone number, zone type, etc.) relevant to that device.

Report Code Programming

All report codes are entered using *#93 Menu Mode Programming*, either through *Report Code Programming*, or through *Zone Programming* while entering other zone information. In the VISTA-128FBP/VISTA-250FBP, reports are divided into six categories. These categories represent the main menu options in *Report Code Programming*. Reports and the categories in which they are found are as follows:

| ALARM CODES | RESTR, SUPV. CODES (for groups of 16 zones) | SYSTEM GROUP #1 |
|--|---|--|
| Zone Alarm Reports | Alarm Restore Trouble Trouble Restore Bypass Bypass Restore | Closing (arm AWAY) Opening (disarm) System Low Battery Low Battery Restore AC Loss AC Restore Periodic Test Power Cancel Program Tamper |
| SYSTEM GROUP #2 | SYSTEM GROUP #3 | SYSTEM GROUP #4 |
| Arm STAY Time Set, Log Reset Dialer Queue Overflow Exit Error by Zone Exit Error by User Recent Close | Early Open Early Close Late Open Late Close Failed to Open Failed to Close Auto-Arm Failed Schedule Change | Fire Walk-Test Start Fire Walk-Test End Off-Normal |

The programming sequence that follows assumes that you will be entering all reports for the system at one time. In actuality, you may skip from one main menu option to another by pressing **0** (N) at each main menu option. Main menu options are highlighted in bold text. To enter report codes, do the following:

Enter Program Mode: **[Installer Code] + 8 0 0 0**. Then press **#93**. Enter **0** (N) at each main menu option until the *Report Code Programming* option is displayed.

| PROMPT | EXPLANATION |
|--------------------------------------|---|
| REPORT CODE PROG 1 = YES 0 = NO 0 | Press 1 (Y) to enter to <i>Report Code Programming</i> . |
| Zone Alarm Reports | |
| PROMPT | EXPLANATION |
| ALARM, ID DIGIT? 1 = YES 0 = NO 0 | Press [1] (Y) to enter Alarm Report Codes for zones. Press [0] (N) to skip to the next main menu option. |
| ENTER ZONE NO. 000 = QUIT 001 | Enter the zone number for which you are entering the report code. Press [*] to continue. |
| 001 REPORT CODE 1st 00 2nd 00 00 | Enter the first digit of the Alarm report code (double-digit entry) and press [*] . Enter the 2nd digit of the Alarm Report code. Press [*] to continue. |
| ENTER ZONE NO. 000 = QUIT 001 | Enter the zone number for which you are entering the report code. When all zone Alarm Codes have been programmed, enter 000 to Quit. Press [*] to continue. |
| QUIT REPORT MENU 1 = YES 0 = NO 0 | If you have completely finished entering report codes, press [1] (Y) to quit <i>Report Code Programming</i> . If you wish to enter other system report codes, enter 0 (N). Press [*] to continue. |

Restore/Supervisory Codes

| PROMPT | EXPLANATION |
|---------------------------------------|---|
| RESTR, SUPV. CODE 1 = YES 0 = NO 0 | Press [1] (Y) to enter Restore and Supervisory Codes for zones. |
| ENTER ZN FOR GRP 000 = QUIT 001 | Enter one zone for each group of 16 zones (001-016, 017-032, etc.). |
| ALARM RESTORE GRP 001-016 00 | Enter the first digit of the Alarm Restore Report Code for this group of zones (double-digit entry). The second digit (for two-digit reporting formats) is automatically the ID (second) digit of the Alarm Report Code for each zone (if programmed). Press [*] to continue. |
| TROUBLE GRP 001-016 00 | Enter the first digit of the Trouble Report Code for this group of zones (double-digit entry). The second digit (for two-digit reporting formats) is automatically the ID (second) digit of the Alarm Report Code for each zone (if programmed). Press [*] to continue. |
| TROUBLE RESTORE GRP 001-016 00 | Enter the first digit of the trouble restore code (single-digit entry) and press [*]. The second digit (for two-digit reporting formats) is automatically the ID (second) digit of the alarm report code for each zone (if programmed). Press [*] to continue. |
| BYPASS GRP 001-016 00 | Enter the first digit of the Bypass Report Code (double-digit entry) and press [*]. The second digit (for two-digit reporting formats) is automatically the ID (second) digit of the Alarm Report Code for each zone (if programmed). Press [*] to continue. |
| BYPASS RESTORE GRP 001-016 00 | Enter the first digit of the Bypass Restore Report Code (double-digit entry) and press [*]. The second digit (for two-digit reporting formats) is automatically the ID (second) digit of the Alarm Report Code for each zone (if programmed). Press [*] to continue. |
| ENTER ZN FOR GRP 000 = QUIT 017 | Enter one zone for each group of 16 zones. When you are finished entering Restore and Supervisory Codes for all zone groups, enter 000 . Press [*] to continue. |
| QUIT REPORT MENU 1 = YES 0 = NO 0 | If you have completely finished entering report codes, press [1] (Y) to quit <i>Report Code Programming</i> . If you wish to enter other system report codes, enter 0 (N). Press [*] to continue. |

System Group #1 Codes

| PROMPT | EXPLANATION |
|--------------------------------------|---|
| SYSTEM GROUP #1? 1 = YES 0 = NO 0 | To enter System Group #1 codes, press 1 (Y). |
| CLOSE 1st 00 2nd 00 | Enter the first digit of the Closing (Arm-AWAY) report. Press [*]. Enter the second digit of the report. If the user number is desired as the second digit, enter 01 (not necessary for Contact ID or High Speed formats). Press [*] to continue. |

| PROMPT | EXPLANATION |
|--|---|
| | <p>Enter the rest of the codes in the same manner. Other report codes in System Group #1 are:</p> <ul style="list-style-type: none"> • Opening (Disarm) Also, enable this if you desire Callback Requested reports (the panel answers a phone call from the downloader). • System Low Battery • Low Battery Restore • AC Loss • AC Restore • Periodic Test • Power • Cancel • Program Tamper <p>Once you have entered these report codes, the system prompts you with the Quit menu.</p> |
| <div>QUIT REPORT MENU</div> <div>1 = YES 0 = NO 0</div> | <p>If you have completely finished entering report codes, press 1 (Y) to quit <i>Report Code Programming</i>. If you wish to enter other system report codes, enter 0 (N).</p> <p>Press [*] to continue.</p> |
| System Group #2 Codes | |
| PROMPT | EXPLANATION |
| <div>SYSTEM GROUP #2 ?</div> <div>1 = YES 0 = NO 0</div> | <p>To enter System Group #2 codes, press [1] (Y).</p> |
| <div>STAY</div> <div>1st 00 2nd 00</div> | <p>Enter the first digit of the Arm-STAY report. Press [*]. Enter the second digit of the report. If the user number is desired as the second digit, enter 01 (not necessary for Contact ID or High Speed formats).</p> <p>Press [*] to continue.</p> |
| | <p>Enter the rest of the codes in the same manner. Other codes in System Group #2 are:</p> <ul style="list-style-type: none"> • Time Set, Log Reset • Dialer Queue Overflow • Exit Error by Zone • Exit Error by User • Recent Close <p>Once you have entered these report codes, the system prompts you with the Quit menu.</p> |
| <div>QUIT REPORT MENU</div> <div>1 = YES 0 = NO 0</div> | <p>If you have completely finished entering report codes, press [1] (Y) to quit <i>Report Code Programming</i>. If you wish to enter other system report codes, enter 0 (N).</p> <p>Press [*] to continue.</p> |
| System Group #3 Codes | |
| PROMPT | EXPLANATION |
| <div>SYSTEM GROUP #3 ?</div> <div>1 = YES 0 = NO 0</div> | <p>To enter System Group #3 codes, press [1] (Y).</p> |
| <div>EARLY OPEN</div> <div>1st 00 2nd 00</div> | <p>Enter the first digit of the Early Opening Report Code. Press [*]. Enter the second digit of the report code. If the user number is desired as the second digit, enter 01 (not necessary for Contact ID or High Speed formats).</p> <p>Press [*] to continue.</p> |

| PROMPT | EXPLANATION |
|--------|--|
| | <p>Enter the rest of the codes in the same manner. Other codes in System Group #3 are:</p> <ul style="list-style-type: none"> • Early Close • Late Open • Late Close • Failed to Open • Failed to Close • Auto-Arm Failed • Schedule Change <p>Once you have entered these report codes, the system prompts you with the Quit menu.</p> |

| | |
|---|--|
| <div>QUIT REPORT MENU</div> <div>1 = YES 0 = NO 0</div> | <p>If you have completely finished entering report codes, press [1] (Y) to quit <i>Report Code Programming</i>. If you wish to enter other system report codes, enter 0 (N)</p> <p>Press [*] to continue.</p> |
|---|--|

System Group #4 Codes

| PROMPT | EXPLANATION |
|--|---|
| <div>SYSTEM GROUP #4 ?</div> <div>1 = YES 0 = NO 0</div> | <p>To enter System Group #4 codes, press [1] (YES).</p> |
| <div>WALK TEST START</div> <div>1st 00 2nd 00</div> | <p>Enter the first digit of the Fire Walk Test Start Report Code. Press [*]. Enter the second digit of the report code.</p> <p>Press [*] to continue.</p> |
| | <p>Enter the rest of the codes in the same manner. Other codes in System Group #4 are:</p> <ul style="list-style-type: none"> • Fire Walk-Test End. • Off-Normal. <p>Once you have entered these report codes, the system prompts you with the Quit menu.</p> |
| <div>QUIT MENU MODE?</div> <div>1 = YES 0 = NO 0</div> | <p>Enter 1 to exit back to normal Programming mode. Enter 0 to stay in Menu mode.</p> |

Alpha Descriptors Programming

You can program a user-friendly English language description/location for all protection zones, relays, keypad panics, polling loop short, and RF receiver supervision troubles.

Each description can be composed of a combination of words (up to 3) that are selected from a vocabulary of 244 words stored in memory, and any word can have an "s" or " 's " added to it.

NOTE: Due to the use of 3-digit zone numbers, the first word of the descriptor is limited to 6 characters if you want it to fit on the top line of the display.

In addition, up to 60 installer-defined words can be added to those already in memory. Thus, when an alarm or trouble occurs in a zone, an appropriate description for the location of that zone will be displayed at the keypad.

A custom installer's message can be programmed for each partition which is displayed when the system is "Ready" (e.g., THE PETERSONS').

1. To program alpha descriptors, enter Programming mode, then press **#93** to display "ZONE PROG?"
2. Press **[0]** (NO) twice to display "ALPHA PROG?".
3. Press **[1]** to enter *Alpha Programming*.

There are 6 submenu selections that will be displayed one at a time.

Press **[1]** to select the mode desired.

Press **[0]** to display the next mode available. The alpha menu selections are:

| | |
|------------------------|--|
| ZONE DESCRIP? | For entering zone descriptors. |
| DEFAULT SCREEN? | For creating custom message; displayed when system is ready. |
| CUSTOM WORD? | For creating custom words for use in descriptors. |
| PART DESCRIP? | For creating 4-character partition names. |
| EXIT EDIT MODE? | Press [1] to exit back to #93 Menu Mode. |

4. Refer to the sections that follow for procedures for adding alpha descriptors.

Zone Descriptors

1. **Select ZONE DESCRIPTOR mode.**

The keypad keys perform the following functions:

- [3] Scrolls both alphabet and actual words in ascending alphabetical order.
- [1] Scrolls both alphabet and actual words in descending alphabetical order.
- [2] Adds or removes an "s" or " 's " to a vocabulary word.
- [6] Switches between alphabet and actual word list; used to accept entries.
- [8] Saves the zone description in the system's memory.
- [#] [#] plus zone number displays the description for that zone.

2. **Enter the zone number to which you want to assign a descriptor.**

For example, key **[*] 001** to begin entering the description for Zone 1, (key **[*] 002** for Zone 2, **[*] 003** for Zone 3, etc.). The following is displayed: * ZN 001 A.

Note that the first letter of the alphabet appears after the zone number, and that the zone number is automatically included with the description.

3. **Enter the descriptor for that zone.**

Use one of two methods as follows:

(Assume, for example, that the desired description for Zone 1 is BACK DOOR.)

- a) Press **[#]** followed by the 3-digit number of the first word from the fixed dictionary shown later in this section (e.g., **[0][1][5]** for BACK).

Press **[6]** in order to accept the word and proceed, or press **[8]** to store the complete descriptor and exit;

or

- b) Select the first letter of the desired description (note that "A" is already displayed). Use the **[3]** key to advance through the alphabet and the **[1]** key to go backward.

Press **[3]** key repeatedly until "B" appears (press **[1]** to go backwards if you happen to pass it), then press **[6]** to display the first available word beginning with "B".

Press **[3]** repeatedly to advance through the available words until the word "BACK" is displayed.



To add an "s" or " 's," if you need to, press **2**. The first depression adds an "s," the second depression adds an " 's," the third depression displays no character (to erase the character), the fourth depression adds an "s," etc.

4. **Accept the word.**

To accept the word, press [6], which switches back to the alphabet list for the next word, or press [8] to store the complete descriptor and then exit.

5. **Select the next word.**

For selection of the next word (DOOR), repeat step 3a (word #063) or 3b, but selecting the word "DOOR."

To accept the word, press [6], which again switches back to alphabet list.

6. **Store the descriptor.**

When all desired words have been entered, press [8] to store the description in memory.

To review the zone descriptors, key [#] plus zone number (e.g., #001).

To edit zone descriptors, key [*] plus zone number (e.g., *001)

7. **Exit Zone Description Mode: enter 000.**

Default Screen (Custom Message Display)

Normally, when the system is in the disarmed state, the following display is present on the keypad.

```
****DISARMED****  
READY TO ARM
```

Part or the entire above message can be modified to create a custom installer message for each partition. For example, "****DISARMED****" on the first line or "READY TO ARM" on the second line could be replaced by the installation company name or phone number for service.

NOTE: There are only 16 character spaces on each of the two lines.

To create a custom display message, proceed as follows:

1. **Select Default Screen mode.**

The keypad asks for the partition number for this message.

Enter the partition number. Press [*] to accept entry.

The following display appears:

```
****DISARMED****  
READY TO ARM
```

A cursor is present at the extreme left of the first line (over the first "star"). Press [6] to move the cursor to the right and [4] to move the cursor to the left. Press [7] to insert spaces or erase existing characters.

2. **Create the message.**

For example, to replace "READY TO ARM" with the message "SERVICE 424-0177," proceed as follows:

Press [6] to move the cursor to the right, and continue until the cursor is positioned over the first location on the second line.

Press [3] to advance through the alphabet to the first desired character (in this case, "S"). Press [1] to go backward, when necessary. When the desired character is reached, press [6].

The cursor then moves to the next position, ready for entry of the next character (in this example, "E"). When the cursor reaches a position over an existing character, press [3] or [1] to advance or back up from that character in the alphabet.

Proceed in this manner until all characters in the message have been entered.

3. **Save the message.**

Store the new display message in memory by pressing [8].

4. **The system asks for a new partition number.**

Enter 0 to quit or 1-8 for a new partition number.

Custom Words

Up to 60 installer-defined words can be added to the built-in vocabulary. Each of the 60 "words" can actually consist of several words, but bear in mind that a maximum of 10 characters can be used for each word string.

1. **Select CUSTOM WORD Mode.**

The keys perform the following functions:

[3] Advances through alphabet in ascending order.

[1] Advances through alphabet in descending order.

[6] Selects desired letter; moves the cursor 1 space to the right.

[4] Moves the cursor one space to the left.

[7] Inserts a space at the cursor location, erasing any character at that location.

[8] Saves the new word in the system's memory.

[*] Returns to Description Entry Mode.

2. **Enter the custom word number (01-60) you want to create.**

For example, if you are creating the first word (or word string), enter 01; when creating the second word, enter 02, and so on. A cursor now appears at the beginning of the second line.

3. Type the word using one of two methods as follows:

- a) Press [#], followed by the 2-digit entry for the first letter you would like to display (e.g., **65** for "A").
When the desired character appears, press **[6]** to select it. The cursor will then move to the right, in position for the next character. Press [#] plus the 2-digit entry for the next letter of the word.

or

- b) Press **3** to advance through the list of symbols, numbers, and letters.
Press **1** to move back through the list.
When you have reached the desired character, press **[6]** to select it. The cursor then moves to the right, in position for the next character.

4. Repeat step 3 to create the desired custom word (or words).

Press **[4]** to move the cursor to the left if necessary.

Press **[7]** to enter a blank (or to erase an existing character).

Each word or word string cannot exceed 10 characters.

5. Save the word by pressing [8].

This returns you to the "CUSTOM WORD?" display. The custom word (or string of words) is automatically added to the built-in vocabulary at the end of the group of words beginning with the same letter.

Custom words are retrieved as word numbers 255 to 314 for words 1 to 60, respectively, when using method 3a to enter alpha descriptors.

When using method 3b to enter alpha descriptors, each word appears at the end of the group of words that begin with the same letter as it does.

6. Repeat steps 2 through 6 to create up to a maximum of 60 custom words (or word strings).

7. Exit Custom Word Mode by entering 00 at the "CUSTOM WORD" prompt.

Partition Descriptors

1. Select "Part DESCRIPT." Mode.

The system asks for the partition number desired. Enter the number as a single-key entry **1-8**.

2. Follow the same procedure as for custom words.

NOTE: The partition descriptors are limited to 4 characters (e.g., WHSE for warehouse).

Alpha Descriptor Vocabulary

(For entering alpha descriptors. To select a word, press [#] followed by the word's 3-digit number.)

NOTE: This vocabulary is not to be used for relay voice descriptors. See the *Relay Voice Descriptors* section when programming relay voice descriptors.

| | | | | |
|------------------|------------------|---------------|-------------------|--------------------|
| 000 (Word Space) | 058 DIALER 2 | 112 JEWELRY | 163 QUAD | • 211 TOOL |
| • 001 AIR | • 059 DINING | • 113 KITCHEN | 164 COMMUNICATOR | 212 TRANSMITTER |
| • 002 ALARM | 061 DISPLAY | • 114 LAUNDRY | • 165 REAR | 213 TRAP |
| 004 ALLEY | 062 DOCK | • 115 LEFT | 166 RECREATION | 214 TRIGGERS |
| 005 AMBUSH | • 063 DOOR | • 116 LEVEL | 167 REFRIG | 202 UNIT |
| 006 ANTENNA | • 065 DOWN | • 117 LIBRARY | 168 REFRIGERATION | • 216 UP |
| • 007 AREA | • 066 DOWNSTAIRS | • 118 LIGHT | 130 RELAY | • 217 UPPER |
| • 008 APARTMENT | 067 DRAWER | • 119 LINE | 169 RELAY 1 | • 218 UPSTAIRS |
| 009 ART | • 068 DRIVEWAY | 120 LIQUOR | 133 REMOTE | • 219 UTILITY |
| • 010 ATTIC | 069 DRUG | • 121 LIVING | 136 RESTAURANT | 220 VALVE |
| 011 AUDIO | • 070 DUCT | • 122 LOADING | 003 RESTROOM | 221 VAULT |
| 012 AUX | • 071 EARTH | 064 LOBBY | 170 RF | 222 VIBRATION |
| 013 AUXILIARY | 072 EAST | • 083 LOCAL | • 171 RIGHT | 223 VOLTAGE |
| • 015 BACK | 073 ELECTRIC | 123 LOCK | • 172 ROOM | 224 WALL |
| • 016 BAR | 035 ELEVATOR | 124 LOOP | 173 ROOF | 225 WAREHOUSE |
| 017 BARN | 074 EMERGENCY | 125 LORRA | 174 SAFE | 226 WASH |
| • 018 BASEMENT | 075 ENTRY | 126 LOW | 175 SCREEN | 215 WATERFLOW |
| • 019 BATHROOM | • 076 EQUIPMENT | • 127 LOWER | 142 SECURITY | • 227 WEST |
| • 021 BEDROOM | 077 EXECUTIVE | • 128 MACHINE | 176 SENSOR | • 228 WINDOW |
| 022 BELL | • 078 EXIT | 131 MAIN | • 177 SERVICE | 229 WINE |
| 023 BELL 1 | 079 EXTERIOR | 089 MAN_PULL | • 178 SHED | • 230 WING |
| 024 BELL 2 | • 080 FACTORY | • 132 MASTER | 187 SHIPPING | • 014 WOMEN |
| • 025 BLOWER | 081 FAILURE | • 134 MEDICAL | 179 SHOCK | 231 WORK |
| • 026 BOILER | 082 FAMILY | 135 MEDICINE | • 180 SHOP | 232 XMITTER |
| 027 BOTTOM | • 084 FENCE | • 020 MEN | 181 SHORT | 233 YARD |
| 028 BOX | 085 FILE | 093 MIDDLE | 182 SHOW | 234 ZN-1 |
| 029 BREAK | • 086 FIRE | 129 MODULE | • 183 SIDE | • 235 ZONE |
| • 030 BUILDING | • 087 FLOOR | 137 MONEY | 184 SKYLIGHT | • 236 0 |
| 031 BURNER | 088 FLOW | 138 MONITOR | 185 SLIDING | • 237 1 |
| 032 CABINET | • 090 FOYER | • 140 MOTION | • 186 SMOKE | • 238 1ST |
| 034 CAMERA | 091 FREEZER | 141 MOTOR | • 188 SOUNDER | • 239 2 |
| 036 CASE | • 092 FRONT | • 143 NORTH | • 189 SOUTH | • 240 2ND |
| 037 CASH | 094 FURNACE | 144 NURSERY | 190 SPRINKLER | • 241 3 |
| 038 CCTV | 095 GALLERY | • 145 OFFICE | 191 STAIRWAY | • 242 3RD |
| 039 CEILING | • 096 GARAGE | 146 OIL | • 192 STATION | • 243 4 |
| 040 CELLULAR | • 097 GAS | • 147 OPEN | 194 STORE | • 244 4TH |
| • 041 CENTRAL | 098 GATE | 148 OPENING | • 195 STORAGE | • 245 5 |
| 042 CIRCUIT | • 099 GLASS | • 149 OUTSIDE | 196 STORY | • 246 5TH |
| 043 CLIP | 100 GROUND | 150 OVERFLOW | 198 STRIKE | • 247 6 |
| • 044 CLOSED | 101 GUEST | 151 OVERHEAD | 193 STROBE | • 248 6TH |
| 045 COIN | 102 GUN | • 153 PANIC | 199 SUMP | • 249 7 |
| 046 COLD | • 103 HALL | 152 PARKING | 200 SUPERVISED | • 250 7TH |
| 047 COATROOM | • 104 HEAT | 154 PASSIVE | 201 SUPERVISION | • 251 8 |
| 048 COLLECTION | 105 HIGH | • 155 PATIO | 203 SWITCH | • 252 8TH |
| 049 COMBUSTION | 106 HOLDUP | 156 PERIMETER | 197 SYSTEM | • 253 9 |
| • 050 COMPUTER | • 139 HOOD | • 157 PHONE | 204 TAMPER | • 254 9TH |
| 051 CONTACT | • 052 HORN_CKT | 158 PHOTO | 205 TAPE | 255 Custom Word 1 |
| • 033 CORRIDOR | 107 HOUSE | 159 POINT | 206 TELCO | to |
| 053 DELAYED | 060 HVAC | 160 POLICE | 207 TELEPHONE | 314 Custom Word 60 |
| • 054 DEN | • 108 INFRARED | 161 POOL | 208 TELLER | |
| 055 DESK | • 109 INSIDE | • 162 POWER | • 209 TEMPERATURE | |
| • 056 DETECTOR | 110 INTERIOR | | 210 THERMOSTAT | |
| 057 DIALER 1 | 111 INTRUSION | | | |

CHARACTER (ASCII) CHART

(For Adding Custom Words)

| | | | | | |
|------------|------|------|------|------|------|
| 32 (space) | 42 * | 52 4 | 62 > | 72 H | 82 R |
| 33 ! | 43 + | 53 5 | 63 ? | 73 I | 83 S |
| 34 " | 44 , | 54 6 | 64 @ | 74 J | 84 T |
| 35 # | 45 - | 55 7 | 65 A | 75 K | 85 U |
| 36 \$ | 46 . | 56 8 | 66 B | 76 L | 86 V |
| 37 % | 47 / | 57 9 | 67 C | 77 M | 87 W |
| 38 & | 48 0 | 58 : | 68 D | 78 N | 88 X |
| 39 ' | 49 1 | 59 ; | 69 E | 79 O | 89 Y |
| 40 (| 50 2 | 60 < | 70 F | 80 P | 90 Z |
| 41) | 51 3 | 61 = | 71 G | 81 Q | |

NOTE: This factory-provided vocabulary of words is subject to change.

Bulleted words in **bold face type** are those that are also available for use by the 4286 VIP Module. If you are using a VIP Module, and words other than these are selected for alpha descriptors, the Voice Module will not provide annunciation of those words.

Device Programming

This menu is used to program keypads, receivers, and relay modules, etc.



Device Address **00** is always set as an alpha keypad assigned to Partition 1 with no sounder suppression options, and these settings cannot be changed.

From Data Field Programming mode, press **#93** to display "ZONE PROG?" Press **[0]** repeatedly to display "DEVICE PROG?"

| PROMPT | EXPLANATION | | | | | | | | |
|---|--|-----------------------------|-------------------------------------|---|--------------------------|------------------------------------|------------------------|--|------------------------|
| <div>DEVICE PROG?</div> <div>1=YES 0=NO 0</div> | Press [1] to enter <i>Device Programming</i> . | | | | | | | | |
| <div>DEVICE ADDRESS</div> <div>01-30, 00=QUIT 01</div> | <p>The device address identifies the device to the control. Enter the 2-digit device address number to match the device's physical address setting (01-30).</p> <p>NOTE: Device Address 04 must be used for the 4286 Voice Module, if one is utilized. If not, it can be used for another device type.</p> <p>Press [*] to accept entry.</p> | | | | | | | | |
| <div>DEVICE TYPE</div> <div>00</div> | <p>Select the type of addressable device as follows:</p> <table border="0"> <tr> <td>00 = device not used</td><td>05 = Voice (VIP) Module 4286</td></tr> <tr> <td>01 = alpha keypad (6160/6160CR-2, AUI)</td><td>06 = communicator</td></tr> <tr> <td>03 = RF receiver (5881ENHC)</td><td>09 = Do Not Use</td></tr> <tr> <td>04 = output relay module (4204)</td><td>10 = Do Not Use</td></tr> </table> <p>Press [*] to accept entry.</p> | 00 = device not used | 05 = Voice (VIP) Module 4286 | 01 = alpha keypad (6160/6160CR-2, AUI) | 06 = communicator | 03 = RF receiver (5881ENHC) | 09 = Do Not Use | 04 = output relay module (4204) | 10 = Do Not Use |
| 00 = device not used | 05 = Voice (VIP) Module 4286 | | | | | | | | |
| 01 = alpha keypad (6160/6160CR-2, AUI) | 06 = communicator | | | | | | | | |
| 03 = RF receiver (5881ENHC) | 09 = Do Not Use | | | | | | | | |
| 04 = output relay module (4204) | 10 = Do Not Use | | | | | | | | |

Alpha Keypad

| PROMPT | EXPLANATION |
|--|--|
| <div>01 CONSOLE PART.<div>1</div></div> | <p>If you selected device type 01 (alpha keypad), this prompt appears. Enter the addressable device's default partition number (1 to maximum number of partitions programmed for system in field 2*00). This is the primary partition for the device. Enter 9 to make this keypad a "Master" keypad for the system.</p> <p>Press [*] to accept entry.</p> |
| <div>01 SOUND OPTION<div>00</div></div> | <p>If you entered device type 01 (alpha keypad), this prompt appears. Keypads can be individually programmed to suppress arm/disarm beeps, entry/exit beeps and chime mode beeps. This helps prevent unwanted sounds from disturbing users in other areas of the premises.</p> <p>Enter a number 00-03 for the keypad sounding suppression options desired for the keypad as follows:</p> <ul style="list-style-type: none">00 = no suppression01 = suppress arm/disarm & entry/exit beeps02 = suppress chime mode beeps only03 = suppress arm/disarm, entry/exit and chime mode beeps <p>Press [*] to accept entry.</p> |
| <div>01 KEYPAD GLBL?<div>0</div></div> | <p>If you entered device type 01 (alpha keypad), this prompt appears. Each keypad can give users with access to multiple partitions the ability to arm and disarm those partitions from it. To enable this keypad for global arming/disarming, enter 1. To prevent the ability to use this keypad for global arming/disarming, enter 0.</p> <p>Press [*] to accept entry.</p> |
| <div>01 AUI ?<div>1 = YES 0 = NO<div>0</div></div></div> | <p>If you selected device type 01 (alpha keypad), this prompt appears. Enter 1 (YES) if the device is an AUI.</p> <p>Must be set to "0" for Commercial Fire Installations.</p> <p>Press [*] to accept entry.</p> |

RF Expander

| PROMPT | EXPLANATION |
|-------------------------------|---|
| 01 RF EXPANDER HOUSE ID 00 | If you selected device type 03 (RF receiver), this prompt appears. Enter the 2-digit House ID (00-31). Press [*] to accept entry. |

Output Relay Module

| PROMPT | EXPLANATION |
|------------------------|--|
| 01 SUPERVISED CF? 0 | <p>If you selected device type 04 (relay module), this prompt appears. Enter 1 if the unit is a 4204CF. If not, enter 0. If you enter 1, only Relay 1 (Output A) and Relay 3 (Output B) on each module may be programmed for functions.</p> <p>NOTE: For Commercial Fire installations, only one notification appliance module may be used, and only one notification appliance output (A or B) may be used on that module.</p> <p>Press [*] to accept entry.</p> |

Communicator

If you selected device type 6, the 6160/6160CR-2 Keypad functions similarly to the 7720P Programming Tool. See Figure 1 for the functions of the keys on the 6160CR-2.

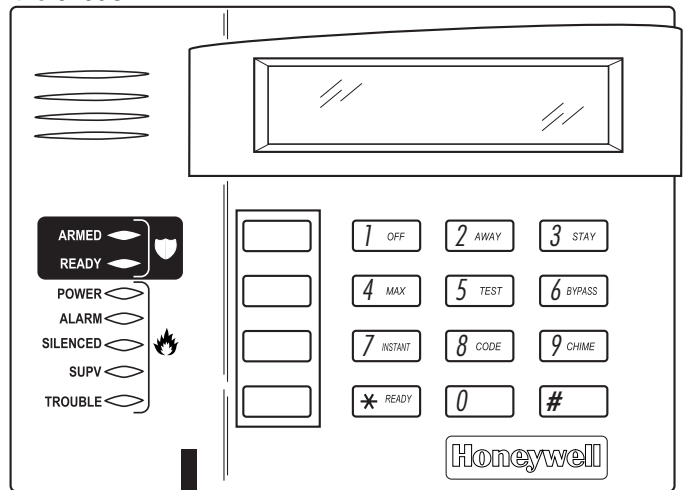


Figure 1: 6160CR-2 Key Functions for Programming the Communicator


Each key has two possible functions: a normal function and a SHIFT function. To perform a normal key function, simply press the desired key. To perform a SHIFT key function, press SHIFT key, then press desired function key.

Normal and SHIFT key Functions:

| Key | Normal Key Function | SHIFT Key Function |
|-----------|--|---|
| BS/ESC | [BS]: Press to delete entry Also, can reset EEPROM defaults * | [ESC]: Press to quit Program Mode |
| ↓/↑ | [↓]: Scroll down programming | [↑]: Scroll up programming |
| N/Y | [N]: Press for "NO" answer | [Y]: Press SHIFT-Y for "YES" answer |
| SHIF T | Press before pressing a SHIFT key function. Will light READY LED. LED goes out once a key is pressed. Press again for each SHIFT function desired. | |
| 1/A | [1]: For entering the number 1 | [A]: Used for entering C.S. ID number |
| 2/B | [2]: For entering the number 2 | [B]: Used for entering C.S. ID number |
| 3/C | [3]: For entering the number 3 | [C]: Used for entering C.S. ID number |
| 4/D | [4]: For entering the number 4 | [D]: Used for entering C.S. ID number |
| 5/E | [5]: For entering the number 5 | [E]: Used for entering C.S. ID number |
| 6/F | [6]: For entering the number 6 | [F]: Used for C.S. ID & FAST Mode |
| 7/S | [7]: For entering the number 7 | [S]: Press to display diagnostic status |
| 8/T | [8]: For entering the number 8 | [T]: Press to send TEST messages |
| 9/X | [9]: For entering the number 9 | [X]: Press to reset the 7845i-ent |
| */SPACE | [*]: Not used with 7845i-ent | [SPACE]: Not used with 7845i-ent |
| 0 | [0]: For entering the number 0 | No SHIFT function |
| #/ENTER | [#/ENTER]: Press to accept entries | No SHIFT function |

* Active only when the "REVIEW?" prompt is displayed.

The 6160/6160CR-2 Keypad displays the following prompts, which are sent by the Communicator to the control. **NOTE:** These prompts are for the 7845i-ent Communicator only. If you are using a different communicator, refer to the communicator's instructions for the correct prompts.

| PROMPT | EXPLANATION |
|---|--|
| <div>DEVICE ADDRESS</div> | Enter the device address of the Communicator. The default address is 3. |
| <div>ID #</div> <div>(1234)</div> | Enter the 4-digit customer account number, 0001-9999 . This ID number will appear in the messages generated by the Communicator. Messages generated by the panel and transmitted by the Communicator will contain the ID number programmed into the panel. The Communicator and the panel should have the same ID number, if possible. |
|  | If a different 4-digit customer account number is used in the Communicator that is programmed into the alarm control, the Communicator will transmit Communicator-specific messages (power-on reset, AC fail, etc.) using the Communicator customer number, and alarm messages using the control panel's customer number. If these numbers are different, you will be billed for two AlarmNet Communicator accounts. |

| PROMPT | EXPLANATION |
|---|---|
| <div>ODD [Y/N]</div> <div>(N)</div> | Enter Y for odd system flag; N for even system flag. |
| <div>Alarmnet (Y/N)</div> <div>(Y)</div> | Enter Y if this is an AlarmNet installation. Enter N if this is a private system and skip to Question 7. |
| <div>CS ID</div> <div>(11)</div> | Enter the primary central station's system ID number 1-7F (will not be displayed for private system users). |
| <div>BAT PRESENT [Y/N]</div> <div>(N)</div> | Enter Y if optional battery will be used. Must be Y for UL installations (a battery must be installed). |
| <div>USE RADIO # [Y/N]</div> <div>(N)</div> | <p>If you selected Y, the Communicator ID number replaces the panel Subscriber ID in panel-generated messages.</p> <p>If you selected N, the Communicator sends panel-generated messages with the panel Subscriber ID number.</p> |
| <div>2ND CS ID</div> <div>(12)</div> | This must be programmed with a value, even if it is the same as the primary central station. The alarm panel has the option of sending a selected message to the second central station. |
| <div>REVIEW (Y/N)</div> <div>(N)</div> | <p>Enter Y to review the programming options and to ensure that the correct responses have been made. Parameters can be changed during review.</p> <p>Enter N to end programming session.</p> |

VIP Module

| PROMPT | EXPLANATION |
|---|---|
| <div>01 MODULE PART.</div> <div>1</div> | <p>If you selected device type 05 (VIP Module), this prompt appears. Enter the partition number 1-8 in which the module is located.</p> <p>Press [*] to accept entry.</p> <p>Press 00 + [*] to exit Menu mode.</p> <p>Press *99 to exit Program mode.</p> |

Output Programming

The system supports up to 96 outputs. Outputs can be used to perform many different functions and actions. Each output must be programmed to begin one of four types of ACTIONS at a designated START event, and end that ACTION at a designated STOP event. The options used to start and stop these devices are described below, followed by the actual screen prompts and available entries.

NOTE: If you are using outputs on the polling loop (e.g., 4101SN) no more than 20 of the polling loop outputs may be programmed for the same START or STOP condition. Also, if you are using ZONE # for the START of a polling loop output and want that output to stop when the same zone restores, the STOP programming MUST BE BLANK.

If you are using Zone Type 17 (Waterflow) or 18 (Fire Supervisory) to trigger an output, you must program an Event for the START (alarm, trouble, etc.). All other Zone Type/System Operations do not require an Event.

The letter(s) in parentheses after each function described below, such as (A) after ACTION, are those that appear in the various summary displays of programmed data during programming.

ACTION (A) The "ACTION" of the device is how the device will respond when it is activated by the "START" programming. You may want the device to activate momentarily, to pulse on and off continuously, or to remain activated until some other event occurs to stop it. There are five different action choices:

- ACTIVATE for 2 SECONDS and then reset. If selected, it is not necessary to program a stop parameter.
- ACTIVATE and REMAIN ACTIVATED until stopped by some other event.
- PULSE ON and OFF until stopped by some other event.
- NO RESPONSE when the device is not used.
- TOGGLE on and off alternately with each activation of event. **Do not program a stop parameter as this may cause unpredictable results.**

START (STT) The "START" programming determines when and under what conditions the device is activated. The following START options are available:

- 1) **EVENT (EV)** is the condition (alarm, fault, trouble) that must occur to a zone or group of zones (zone list) in order to activate the device. These conditions apply **only** when a zone list is used. The different choices for "EVENT" are listed below and in "Programming Relays" later in this section.
 - ALARM Action begins upon any alarm in an assigned zone in the zone list.
 - FAULT Action begins upon any opening of an assigned zone in the zone list.
 - TROUBLE Action begins upon any trouble condition in an assigned zone in the zone list.
 - NOT USED Action is not dependent upon one of the above events.

ZONE LIST (ZL) is a group of zones to which the "EVENT" applies in order to activate a particular device. Note that there are a total of 15 zone lists that can be programmed; when the selected EVENT (alarm, fault or trouble) occurs in **any** zone in the selected "Start" ZONE LIST (01-15), activation of the selected device will START.

- 2) **ZONE #** A specific zone going into alarm, fault, trouble, or restore (Event programming) can be used to start the relay action. Enter the 3-digit zone number (000-250).
- 3) **ZONE TYPE/SYSTEM OPERATION (ZT)**. If all zones to be used to start the device have the same response type, and there are no other zones of this type that are **not** to activate this device, then "ZONE TYPE" may be used instead of a "ZONE LIST" and "EVENT" to activate the device.

If a system operation, such as "DISARMING" or "ANY FIRE ALARM," is to activate the device, enter the appropriate choice under the "ZONE TYPE" option.

The "ZONE TYPE/SYSTEM OPERATION" option functions independently of the "EVENT/ZONE LIST" combination.

If a specific "ZONE TYPE" is chosen, any zone of that response type going into alarm, trouble, or fault will cause the device to activate as selected in "ACTION." If the same "ZONE TYPE" is also chosen for the STOP programming, any zone of that type that *restores* will de-activate the device.

If a "SYSTEM OPERATION" is chosen, that operation will cause the device to activate as selected in "ACTION." The different choices for "ZONE TYPE" and "SYSTEM OPERATION" are listed in "Programming Relays" later in this section, and on the Programming Form.

- 4) **PARTITION NO. (P)**. The device's "Start" ZONE TYPE/SYSTEM OPERATION may be limited to an occurrence on one partition (1-8), or any partition (0).

STOP (STP): The "STOP" programming determines when and under what conditions the device is de-activated. The following options are available:

- 1). **RESTORE ZONE LIST (ZL).** If a "ZONE LIST" is used as the "Stop" event, the device de-activates when **all** the zones in that list restore from a previous fault, trouble, or alarm condition. This occurs regardless of what is programmed to "START" the device; therefore, a "RESTORE ZONE LIST" is normally only used when a "ZONE LIST" is used to start the device.
- 2). **ZONE TYPE/SYSTEM OPERATION (ZT).** Instead of using a "RESTORE ZONE LIST," you can select a specific zone (response) type or system operation action to de-activate the device.
If you choose a specific "ZONE TYPE," any zone of that response type that restores from a previous alarm, trouble, or fault condition will cause the device to de-activate.
If you choose a "SYSTEM OPERATION," that operation causes the device to de-activate. The different choices for "ZONE TYPE" and "SYSTEM OPERATION" are listed in "Programming Relays" later in this section, and in the Programming Form.
- 3). **PARTITION NO. (P).** The device's "Stop" Zone Type/System Operation may be limited to an occurrence on one partition (1-8), or on any partition (0).

The "ZONE TYPE/SYSTEM OPERATION" option functions independently of the "RESTORE/ZONE LIST" combination.

Output Devices Programming

From Data Field Programming Mode, press **#93** to display the "ZONE PROG?" prompt. Press **[0]** (NO) to each menu option until the "OUTPUT PGM?" prompt appears. Press **[1]** (YES).

While in this mode, press **[*]** to advance to next screen. Press **[#]** to back up to the previous screen.

| PROMPT | EXPLANATION |
|-------------------------------------|---|
| ENTER RELAY # (00=QUIT) 01 | Enter the relay (output device) identification number 01-96 . This is a reference number only, used for identification purposes. The actual module address and relay number on the module are programmed in the last two prompts. Press [*] to continue. |
| 02 A EV ZL ZT P STT 0 0 00 00 0 | Press [*] to continue. |
| 02 A ZL ZT P STOP 0 00 00 0 | The keypad displays a summary STOP screen. Press [*] to continue. |
| 02 RELAY ACTION NO RESPONSE 0 | The Relay Action is the way in which the relay will respond when activated by the "start" event. Enter the desired action for this relay as follows: 0 =not used; 1 =close for 2 secs.; 2 =stay closed; 3 =pulse on/off; 4 =toggle on and off alternately NOTE: For options 1 and 4, do not program a "Stop" parameter. |
| 02 START EVENT NOT USED 0 | An output may be activated by an Event/Zone List combination, and/or by a Zone Type/System Operation. For an Event/Zone List combination, enter the event code as follows: 0 =not used; 1 =alarm; 2 =fault; 3 =trouble NOTE: An Event is required for Zone List, Zone Number and Zone Types 17 and 18. If you are not using a Zone List to activate the relay, enter 0 . Press [*] to continue. |
| 02 START: ZN LIST 00 | A zone list is a set of zones that can be used to initiate the start or stop relay action. If a zone list is being used to start this relay action, enter the zone list number, 1-15 . If a zone list is not being used, enter 0 . Press [*] to continue. |
| 02 START: ZONE # 000 | A specific zone can be used instead of or in addition to an Event/Zone List or Zone Type/System Operation combination to start the relay action. Enter the 3-digit zone number. Press [*] to continue. |
| 02 START: ZN TYPE NO RESPONSE 00 | A Zone Type/System Operation can be used instead of or in addition to an Event/Zone List combination or a specific zone to start the relay action. If a Zone Type/System Operation is being used, enter the 2-digit code as listed in the table that follows. Press [*] to continue. |

Choices for Start/Stop Zone Types and System Operations:

| | | |
|---------------------------------|---|--|
| 00 = No Response (Not Used) | 22 = Disarming (Code + Off) | 43 = Communication failure |
| 01 = Entry/Exit #1 | 23 = No Alarm Response | 44 = RF Low Battery |
| 02 = Entry/exit #2 | 27 = Access Point (allows more than one relay to be controlled by activation if access point request) | 45 = Polling Loop Failure |
| 03 = Perimeter | 28 = MLB Supervision - Not Used | 47 = Console Failure |
| 04 = Interior Follower | 29 = Momentary Exit (use w/Vistakey only) | 51 = RF Receiver Failure |
| 05 = Trouble Day/Alarm Night | 30 = On Second Code + Off | 52 = Kissoff |
| 06 = 24-Hr. Silent | 31 = End of Exit Time | 54 = Smoke Detector Reset |
| 07 = 24-Hr. Audible | 32 = Start of Entry Time | 55 = Disarm + 1 Minute |
| 08 = 24-Hr. Auxiliary | 33 = Any Burglary Alarm | 56 = XX Minutes (enter XX in field 1*74) * |
| 09 = Fire Alarm or Trouble | 34 = Code + [#] + 71 Key Entry | 57 = YY Seconds (enter YY in field 1*75) * |
| 10 = Interior W/Delay | 35 = Code + [#] + 72 Key Entry | 58 = Duress |
| 12 = PLM Supervision - Not Used | 36 = At Bell 1 Timeout ** | |
| 13 = Remote P/S | 37 = 2x Bell 1 Timeout ** | 60 = Audio Alarm Verification (must be selected for both START and STOP operation) |
| 14 = CO Detector Alarm | 38 = Chime | 61 = Code + [#] + 67 |
| 16 = Fire With Verification | 39 = Fire Alarm | 62 = Bell 2 Timeout |
| 17 = Waterflow***** | 40 = Bypassing | 63 = Auxiliary Relay Timeout |
| 18 = Fire Supervisory | 41 = AC Power Fail | |
| 19 = 24-Hour Trouble | 42 = System Battery Low | |
| 20 = Arming-STAY*** | | |
| 21 = Arming-AWAY**** | | |

* Stop condition only

** Or at disarming, whichever occurs earlier

*** The output also activates when the partition is armed in the INSTANT mode

**** The output also activates when the partition is armed in the MAXIMUM mode

***** Use an event of fault or alarm as the START option



If you are using options 56 and/or 57 (usually as the STOP Zone Type), you must program data fields 1*74 and 1*75 for the respective relay timeouts for minutes and seconds.

| PROMPT | EXPLANATION |
|--------------------------------|---|
| 02 START: ACS PT (00-31) 00 | If the start zone type you selected was 27 (access point), this prompt is displayed. Enter the access point (00-31) that will start the relay action. Press [*] to continue. |

| | |
|------------------------------------|--|
| 02 START: PARTN ANY PARTITION 0 | If the starting event will be limited to occurring on a specific partition, enter the partition number (1-8) in which the start event will occur. Enter 0 for any partition. Press [*] to continue. |
|------------------------------------|--|



Do not use a zone programmed with an RF Button (Input Type BR) to STOP a relay. The system will not deactivate the relay.

| PROMPT | EXPLANATION |
|------------------------|---|
| 02 STOP: ZN LIST 00 | If a zone list is being used to stop this relay action, enter the zone list number, 1-15. The restore of a zone on the zone list stops the relay. If a zone list is not being used, enter 0. Press [*] to continue. |

| | |
|------------------------------------|---|
| 02 STOP: ZN TYPE NO RESPONSE 00 | If a Zone Type/System Operation is being used to stop the relay action, enter the 2-digit code listed in the Choices for Start/Stop System Operation chart. NOTE: If a 4204CF is being used, the stop action for a NAC must be programmed as zone type 62, Bell 2 Timeout. Only one relay of the 4204CF may be used for this function. Press [*] to continue. |
|------------------------------------|---|

| | |
|-------------------------------|--|
| 02 STOP: ACS PT (00-31) 00 | If the stop zone type you selected was 27 (access point), this prompt is displayed. Enter the access point (00-31) which will stop the relay action. Press [*] to continue. |
|-------------------------------|--|

| | |
|-----------------------------------|--|
| 02 STOP: PARTN ANY PARTITION 0 | This is the partition to which the stop condition will be limited. Enter 0 for any partition. Enter 1-8 for specific partition number. Press [*] to continue. |
|-----------------------------------|--|

| PROMPT | EXPLANATION |
|--------------------------------|---|
| 02 RELAY GROUP 00 | Relays may be grouped for common activation by time-driven events (commands 06-10). Enter 00 (no group) or 01-15 for a specific group number. Press [*] to continue. |
| 02 FIRE BELL 1=YES 0=NO 0 | Enter 1 only if this output is to be used to activate a fire alarm sounder. Press [*] to continue. |
| 02 RESTRICTION 1=YES 0=NO 0 | The system may have some devices that are not intended to be under end user control, such as relays activating fire doors or machinery. NOTE: #70 must be set to yes for Commercial Fire installations. Enter 1 if the end user will be restricted from accessing this relay group. Press [*] to continue. |
| 02 RELAY TYPE V-PLEX 0 | Enter 0 for V-Plex (polling loop) devices. Enter 1 for (ECP) relay modules (4204/4204CF). Press [*] to continue. |
| 02 V-PLEX ZONE # 000 | For polling loop trigger outputs (4101SN), enter the protection zone number (001-250) linked to each output, if used. Be sure to enroll the module's serial number (see Zone Programming). Press [*] to continue. |
| 02 ECP ADDRESS 00 | If you selected 1 or 3 for (4204/4204CF), enter the actual module's address (01-15 – 4204/4204CF) as set by its DIP switches. Up to 8 4204/4204CF modules can be installed in a system. Press [*] to continue. |
| 02 MODULE RELAY# 0 | For 4204 Relay Outputs, enter the specific relay number on that module (1-4). For 4204CF outputs, enter only module relay number 1 (Output A) or relay number 3 (Output B). These are the only two programmable relays on the 4204CF Module. Press [*] to continue. The keypad will display the Start and Stop summary screens again. Press [*] to continue. |

When all relays have been programmed, enter **00** at the "ENTER RELAY NO." prompt.

If you are defining a zone list, continue to the next section. If not, enter **00 + [*****]** at the next two prompts. You will then be asked "Quit Menu Mode?" Enter **1** for "Yes," **0** for "No." Then enter ***99** to exit programming completely.

If supervision of the 4204CF Relay Output is desired, enter a response type for that output's corresponding supervisory zone. This is equal to 600 + [Relay ID No.]. For example, if you are programming Relay ID No. 1, the relay's supervisory zone 601. Program this zone with response type 05 (Day/Night) in *Zone Programming*.

Zone List Programming

After all relays have been programmed, upon entering **00** at the "ENTER RELAY NO." prompt, you are asked to enter a zone list. If a zone list number was used to start or stop a relay, you must define the zones belonging to that list as follows:

| PROMPT | EXPLANATION |
|----------------------------------|--|
| ENTER Zn LIST ? 00=QUIT 00 | Enter the zone list number 01-15 . Enter 00 to quit. |
| 01 ADD ZONE # 000=QUIT 000 | Using 3-digit entries enter each zone to be included in this zone list. Press [*] after you enter each zone number. When you have entered all zones, enter 000 . Press [*] to continue. |
| 01 Del Zn LIST ? 1=YES 0=NO 0 | Enter 0 to save this zone list. Enter 1 to delete it. |
| 01 DEL ZONES ? 1=YES 0=NO 0 | Enter 1 to delete one or more zones in that zone list. Enter 0 if no changes are necessary. If you enter 1, the following screen appears; otherwise, the "Enter Zone LIST" prompt reappears. |

| PROMPT | EXPLANATION |
|---|--|
| <div>01 Zn to DELETE ?</div> <div>000=QUIT 000</div> | Enter each zone number to be deleted from the zone list, pressing [*] after each number. |
| <div>VIEW Zn LIST ?</div> <div>00=QUIT 00</div> | <p>This display appears if you pressed 00 at the “Enter Zone LIST” prompt. Enter the zone list number that you wish to view.</p> <p>Press [*] to continue.</p> |
| <div>01 ASSIGNED ZONE</div> <div>000=QUIT 000</div> | <p>Press [*] to scroll through all zones in that list. Enter 000 +[*] to quit.</p> <p>Press [1] to exit Menu Mode.</p> <p>Press *99 to exit Program Mode.</p> |

Relay Voice Descriptors

If you are using the 4286 VIP Module, voice descriptors can be programmed for outputs 1-32 (even though the system has 96 outputs, only 1-32 can have a Relay Voice Descriptor programmed). These descriptors are announced by the voice module when you access the relays via the # 70 Relay Access Mode over the telephone.

Each voice descriptor can consist of up to 3 words selected from the Relay Voice Descriptors and Custom Word Substitutes Vocabulary list (later in this section).



The index numbers from this vocabulary list are to be used for relay voice descriptors only. For normal system voice annunciation (e.g., alarms, troubles, status), use the highlighted words in the alpha vocabulary list in the *Alpha Programming* part of this guide.

To enter relay voice descriptors, do the following:

- 1. From Data Field Programming mode, press **#93** to display the "ZONE PROG?" prompt.
- 2. Press **[0]** (NO) to each menu option until the "RLY VOICE DESCR?" prompt is displayed. Follow the instructions below. While in this mode, press **[*]** to advance to next screen. Press **[#]** to back up to previous screen.

| PROMPT | EXPLANATION |
|----------------------------------|---|
| RLY VOICE DESCR? 1=YES 0=NO 0 | Press [1] to program voice descriptors for relays. |
| ENTER RELAY NO. 00=QUIT 01 | Enter the 2-digit relay number (01-32) for the relay desired, or enter 00 to quit Relay Voice Descriptor Programming Mode. Press [*] |
| 01 ENTER DESC d1 | From the Relay Voice Descriptors and Custom Word Substitutes Vocabulary list, enter the 3-digit index number for the first word of the relay descriptor phrase. Press [*] to accept entry. |
| 01 ENTER DESC d2 | From the Relay Voice Descriptors and Custom Word Substitutes Vocabulary list, enter the 3-digit index number for the second word of the relay descriptor phrase. If second word is not desired, press [000] . Press [*] to accept entry. |
| 01 ENTER DESC d3 | From the Relay Voice Descriptors and Custom Word Substitutes Vocabulary list, enter the 3-digit index number for the third word of the relay descriptor phrase. If third word is not desired, press [000] . Press [*] to accept entry. The "ENTER RELAY NO." prompt appears. Enter the next relay number to be programmed. When you have programmed all output devices, enter 00 to quit. Enter *99 to exit Program Mode. |

Relay Voice Descriptors and Custom Word Substitutes Vocabulary

| Word | Index | Word | Index | Word | Index | Word | Index | Word | Index |
|------------------|-------|------------------|-------|---------------|-------|-----------------|-------|-------------------|-------|
| Air | 116 | Device | 060 | Gas | 138 | Off | 011 | Smoke | 024 |
| Alarm | 255 | Dim | 163 | Glass | 139 | Office | 147 | South | 155 |
| And | 067 | Dining | 031 | Hall | 050 | On | 058 | Stairs | 006 |
| Apartment | 117 | Door | 016 | Heat | 010 | One | 070 | Station | 156 |
| Appliances | 161 | Down | 008 | Inside | 209 | Open | 148 | Storage | 157 |
| Area | 118 | Downstairs | 184 | Kitchen | 022 | Outside | 210 | Sun | 154 |
| Attic | 119 | Driveway | 130 | Laundry | 140 | Panic | 013 | System | 062 |
| Back | 121 | Duct | 131 | Left | 027 | Partition | 090 | Temperature | 158 |
| Bar | 122 | East | 132 | Light | 019 | Patio | 149 | Third | 159 |
| Basement | 021 | Eight | 077 | Living | 030 | Phone | 061 | Three | 072 |
| Bathroom | 051 | Eighth | 221 | Loading | 142 | Power | 063 | Tool | 213 |
| Battery | 053 | Equipment | 133 | Lower | 094 | Pump | 166 | Two | 071 |
| Bedroom | 015 | Exit | 004 | Machine | 143 | Rear | 088 | Up | 025 |
| Blower | 123 | Factory | 134 | Master | 144 | Right | 028 | Upper | 187 |
| Boiler | 124 | Fence | 135 | Medical | 014 | Room | 018 | Upstairs | 183 |
| Bright | 162 | Fifth | 218 | Motion | 145 | 's | 007 | Utility | 185 |
| Building | 125 | Fire | 040 | Nine | 078 | Second | 056 | West | 215 |
| Burglary | 039 | First | 136 | Ninth | 222 | Service | 150 | Window | 017 |
| Central | 089 | Five | 074 | No | 165 | Seven | 076 | Wing | 216 |
| Chime | 054 | Floor | 029 | North | 146 | Seventh | 220 | Zero | 069 |
| Closed | 126 | Four | 073 | Not | 012 | Shed | 151 | Zone | 002 |
| Computer | 127 | Fourth | 217 | | | Shop | 152 | | |
| Console | 066 | Foyer | 137 | | | Side | 153 | | |
| Den | 052 | Front | 087 | | | Six | 075 | | |
| Detector | 128 | Garage | 023 | | | Sixth | 219 | | |

Scheduled Check-in

The system can be programmed to call the downloader automatically, at a scheduled time. Once the connection is made, the downloader can perform any and all functions (arm, disarm, upload, etc.). The downloader determines the functions it performs.

To enter scheduled check-in, do the following:

1. From Data Field Programming mode, press **#93** to display the "ZONE PROG?" prompt.
2. Press **[0]** (NO) to each menu option until the "SCHEDULED CHK-IN" prompt is displayed.

| PROMPT | EXPLANATION |
|---|--|
| SCHEDULED CHK-IN 1=YES 0=NO 0 | Enter [1] at this prompt. |
| Chk-In Interval None 0 | Enter the check-in interval. 0 = None; 1 = Weekly; 2 = Monthly; 3 = Quarterly; 4 = Yearly. Press [*] to accept entry. |
| DAY: M T W T F S S 1 2 3 4 5 6 7 1 | If you selected 1 (weekly), the Day of the Week prompt is displayed. Enter the day of the week (1-7). Press [*] to accept entry and move to the Time of the Day prompt. |
| Quarter of Year JAN, APR, JUL, OCT 0 | If you selected 3 (quarterly), the Quarter of the Year prompt is displayed. Enter the quarter of the year. 0 = January, April, July, and October; 1 = February, May, August, and November; 2 = March, June, September, and December. Press [*] to accept entry and move to the Day of the Month prompt. |
| Month of Year (01-12) 01 | If you selected 4 (yearly), the Month of Year prompt is displayed. Enter the month (01-12). Press [*] to accept entry and move to the Day of the Month prompt. |
| Day of Month (01-28) 01 | If you selected 2 (monthly), the Day of the Month prompt is displayed. Enter the day of the month (01-28). Press [*] to accept entry and move to the Time of the Day prompt. |
| Time of Day 12:00AM | The Time of the Day prompt is displayed. Enter the time of day for the check-in. Enter the hour of the day (01-12). Press [*] to accept entry. The cursor moves to the minutes position. (Press the [#] to move the cursor backwards.) Enter the minutes of the hour (00-59). Press [*] to accept entry. The cursor moves to the AM/PM position. Press [*] to accept the current selection or press any key (1-9) except the [*] or [#] to toggle the AM/PM selection. NOTE: The programming of field 1*71 determines the time of day format (12- or 24-hour). |
| QUIT MENU MODE? 1 = YES 0 = NO 0 | Enter 1 to exit back to normal programming mode. Enter 0 to stay in menu mode. |

System Layout Worksheets

Before programming any security system, you should first define the installation. To help you lay out a partitioned system, use the following worksheets. This will further simplify the programming process.

NOTE: All references in this manual for number of zones, number of user codes, number of access cards, and the event log capacity, use the VISTA-250FBP's features. See page 2 of this manual for the table listing the differences between the VISTA-128FBP and the VISTA-250FBP control panels. All other features are identical.

PARTITIONS

| Partition # | Descriptor (4-char max) | Prim. Sub. # | Sec. Sub. # | Alpha Default Message (32-character maximum) |
|--|----------------------------|-----------------|----------------|---|
| Partition 1 | | | | |
| Partition 2 | | | | |
| Partition 3 | | | | |
| Partition 4 | | | | |
| Partition 5 | | | | |
| Partition 6 | | | | |
| Partition 7 | | | | |
| Partition 8 | | | | |
| Keyswitch Arming Partition Assignment (1-8): | | | | |
| Wireless Keypad Partition Assignment (1-8): | | | | |
| Use Partition Descriptor (yes/no)? | | | | |
| Common Lobby Partition Assignment (1-8): | | | | |

COMMUNICATION OPTIONS BY PARTITION

| 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 (00, 30-225 seconds): | | | | | | | | |
| Exit Delay #1 (00, 45-225 seconds): | | | | | | | | |
| Entry Delay #2 (00, 30-225 seconds): | | | | | | | | |
| Exit Delay #2 (00, 45-225 seconds): | | | | | | | | |
| Quick Arming | | | | | | | | |
| Multiple Alarms per Arming | | | | | | | | |
| Console Panic for Zone 995 (* + 1) | | | | | | | | |
| Console Panic for Zone 996 (# + 3) | | | | | | | | |
| Console Panic for Zone 999 (* + #) | | | | | | | | |
| Allow Sign-on (GOTO function) | | | | | | | | |
| Non-Bypassable Zone (001-250) | | | | | | | | |
| Bell 1 Sounder Duration (2 min. increments) | | | | | | | | |
| Bell 2 and Aux Relay Sounder Duration for (2 min. incr.) | | | | | | | | |
| Console Annunciation During Entry (3 beeps or continuous) | | | | | | | | |
| Console Annunciation During Exit | | | | | | | | |
| Bell 1 Confirmation of Arming Ding | | | | | | | | |
| Bell 2 and Aux Relay 1 Confirmation of Arming Ding | | | | | | | | |
| Chime on Bell 1 | | | | | | | | |
| Chime on Bell 2 and Aux Relay | | | | | | | | |
| Access Control Relay (field 1*76) | | | | | | | | |
| Affects Lobby (check partitions that apply) | | | | | | | | |
| Arms Lobby (check partitions that apply) | | | | | | | | |
| Display Fire Alarms of Other Partitions | | | | | | | | |
| Display Burg and Panic Alarms of Other Partitions | | | | | | | | |
| Display Troubles of Other Partitions | | | | | | | | |

PRINTER OPTIONS

| | |
|------------------------------------|--|
| Parallel or Serial printer | |
| 12- or 24-hour Time format | |
| Printer On-Line (yes/no) | |
| 1200 or 300 baud Printer Baud Rate | |

EVENT LOG TYPES

| Option | No | Yes |
|------------|----|-----|
| Alarm | | |
| Trouble | | |
| Bypass | | |
| Open/Close | | |
| System | | |
| Test | | |

DEVICES (keypads, 4204, rf receivers, vip module, communicator)

| Addr | Type | Part | Sound Opt | Supv CF? | House ID | Kypd Gibal | AUI | Panel ID |
|------|------|------|--------------|-------------|-------------|---------------|-----|-------------|
| 00. | | | | | | | | |
| 01. | | | | | | | | |
| 02. | | | | | | | | |
| 03. | | | | | | | | |
| 04. | | | | | | | | |
| 05. | | | | | | | | |
| 06. | | | | | | | | |
| 07. | | | | | | | | |
| 08. | | | | | | | | |
| 09. | | | | | | | | |
| 10. | | | | | | | | |
| 11. | | | | | | | | |
| 12. | | | | | | | | |
| 13. | | | | | | | | |
| 14. | | | | | | | | |
| 15. | | | | | | | | |
| 16. | | | | | | | | |
| 17. | | | | | | | | |
| 18. | | | | | | | | |
| 19. | | | | | | | | |
| 20. | | | | | | | | |
| 21. | | | | | | | | |
| 22. | | | | | | | | |
| 23. | | | | | | | | |
| 24. | | | | | | | | |
| 25. | | | | | | | | |
| 26. | | | | | | | | |
| 27. | | | | | | | | |
| 28. | | | | | | | | |
| 29. | | | | | | | | |
| 30. | | | | | | | | |

Device Types:

00 = Device Not Used
01 = Alpha Console
03 = RF Receiver
04 = Output Relay Module
05 = Voice Module
06 = Communicator
09 = Not Used
10 = Not Used

NOTES:

Address 04 must be used for the Voice Module, if used.

Console Sounder Options:

- 0 = No Suppression
- 1 = Suppress Arm/Disarm and Entry/Exit Beeps
- 2 = Suppress Chime Mode Beeps Only
- 3 = Suppress Arm/Disarm, Entry/Exit and Chime Mode Beeps

Defaults:

Addresses 00 = Alpha Keypad; No Suppression

ACCESS CODES and USER DEFINITIONS FOR PARTITIONS 1 and 2

[illegible]

ACCESS CODES and USER DEFINITIONS FOR PARTITIONS 3 and 4

| 4-digit Security Code | Access Group 0; 1-8 | Partition 3 | | | | | | Partition 4 | | | | | |
|-----------------------------|---------------------------|-------------------|----------------|----------------|-----------------|-----------|---------------|-------------------|----------------|----------------|-----------------|-----------|---------------|
| | | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm |
| | | | | | | | | | | | | | |
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ACCESS CODES and USER DEFINITIONS FOR PARTITIONS 5 and 6

| 4-digit Security Code | Access Group 0; 1-8 | Partition 5 | | | | | | Partition 6 | | | | | |
|-----------------------------|---------------------------|-------------------|----------------|----------------|-----------------|-----------|---------------|-------------------|----------------|----------------|-----------------|-----------|---------------|
| | | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm |
| | | | | | | | | | | | | | |
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ACCESS CODES and USER DEFINITIONS FOR PARTITIONS 7 and 8

| 4-digit Security Code | Access Group 0; 1-8 | Partition 7 | | | | | | Partition 8 | | | | | |
|-----------------------------|---------------------------|-------------------|----------------|----------------|-----------------|-----------|---------------|-------------------|----------------|----------------|-----------------|-----------|---------------|
| | | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm | 3-Digit User # | Auth. Level | Open/ Close | Group Bypass | RF Key | Global Arm |
| | | | | | | | | | | | | | |
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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)

Defaults:

| User | 4-Digits | Alpha |
|--------------------|----------|--------|
| User 1 (Installer) | 5140 | INSTLR |
| User 2 | 1234 | MASTER |

ZONE DEFINITION FOR ZONES 001-025

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & 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 | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 026-050

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 26 | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 051-075

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 51 | | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | |
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| 66 | | | | | | | | | | | | | | | | |
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| 68 | | | | | | | | | | | | | | | | |
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| 71 | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 076-100

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 76 | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 101-125

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 101 | | | | | | | | | | | | | | | | |
| 102 | | | | | | | | | | | | | | | | |
| 103 | | | | | | | | | | | | | | | | |
| 104 | | | | | | | | | | | | | | | | |
| 105 | | | | | | | | | | | | | | | | |
| 106 | | | | | | | | | | | | | | | | |
| 107 | | | | | | | | | | | | | | | | |
| 108 | | | | | | | | | | | | | | | | |
| 109 | | | | | | | | | | | | | | | | |
| 110 | | | | | | | | | | | | | | | | |
| 111 | | | | | | | | | | | | | | | | |
| 112 | | | | | | | | | | | | | | | | |
| 113 | | | | | | | | | | | | | | | | |
| 114 | | | | | | | | | | | | | | | | |
| 115 | | | | | | | | | | | | | | | | |
| 116 | | | | | | | | | | | | | | | | |
| 117 | | | | | | | | | | | | | | | | |
| 118 | | | | | | | | | | | | | | | | |
| 119 | | | | | | | | | | | | | | | | |
| 120 | | | | | | | | | | | | | | | | |
| 121 | | | | | | | | | | | | | | | | |
| 122 | | | | | | | | | | | | | | | | |
| 123 | | | | | | | | | | | | | | | | |
| 124 | | | | | | | | | | | | | | | | |
| 125 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 126-150

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 126 | | | | | | | | | | | | | | | | |
| 127 | | | | | | | | | | | | | | | | |
| 128 | | | | | | | | | | | | | | | | |
| 129 | | | | | | | | | | | | | | | | |
| 130 | | | | | | | | | | | | | | | | |
| 131 | | | | | | | | | | | | | | | | |
| 132 | | | | | | | | | | | | | | | | |
| 133 | | | | | | | | | | | | | | | | |
| 134 | | | | | | | | | | | | | | | | |
| 135 | | | | | | | | | | | | | | | | |
| 136 | | | | | | | | | | | | | | | | |
| 137 | | | | | | | | | | | | | | | | |
| 138 | | | | | | | | | | | | | | | | |
| 139 | | | | | | | | | | | | | | | | |
| 140 | | | | | | | | | | | | | | | | |
| 141 | | | | | | | | | | | | | | | | |
| 142 | | | | | | | | | | | | | | | | |
| 143 | | | | | | | | | | | | | | | | |
| 144 | | | | | | | | | | | | | | | | |
| 145 | | | | | | | | | | | | | | | | |
| 146 | | | | | | | | | | | | | | | | |
| 147 | | | | | | | | | | | | | | | | |
| 148 | | | | | | | | | | | | | | | | |
| 149 | | | | | | | | | | | | | | | | |
| 150 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 151-175

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 151 | | | | | | | | | | | | | | | | |
| 152 | | | | | | | | | | | | | | | | |
| 153 | | | | | | | | | | | | | | | | |
| 154 | | | | | | | | | | | | | | | | |
| 155 | | | | | | | | | | | | | | | | |
| 156 | | | | | | | | | | | | | | | | |
| 157 | | | | | | | | | | | | | | | | |
| 158 | | | | | | | | | | | | | | | | |
| 159 | | | | | | | | | | | | | | | | |
| 160 | | | | | | | | | | | | | | | | |
| 161 | | | | | | | | | | | | | | | | |
| 162 | | | | | | | | | | | | | | | | |
| 163 | | | | | | | | | | | | | | | | |
| 164 | | | | | | | | | | | | | | | | |
| 165 | | | | | | | | | | | | | | | | |
| 166 | | | | | | | | | | | | | | | | |
| 167 | | | | | | | | | | | | | | | | |
| 168 | | | | | | | | | | | | | | | | |
| 169 | | | | | | | | | | | | | | | | |
| 170 | | | | | | | | | | | | | | | | |
| 171 | | | | | | | | | | | | | | | | |
| 172 | | | | | | | | | | | | | | | | |
| 173 | | | | | | | | | | | | | | | | |
| 174 | | | | | | | | | | | | | | | | |
| 175 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 176-200

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 176 | | | | | | | | | | | | | | | | |
| 177 | | | | | | | | | | | | | | | | |
| 178 | | | | | | | | | | | | | | | | |
| 179 | | | | | | | | | | | | | | | | |
| 180 | | | | | | | | | | | | | | | | |
| 181 | | | | | | | | | | | | | | | | |
| 182 | | | | | | | | | | | | | | | | |
| 183 | | | | | | | | | | | | | | | | |
| 184 | | | | | | | | | | | | | | | | |
| 185 | | | | | | | | | | | | | | | | |
| 186 | | | | | | | | | | | | | | | | |
| 187 | | | | | | | | | | | | | | | | |
| 188 | | | | | | | | | | | | | | | | |
| 189 | | | | | | | | | | | | | | | | |
| 190 | | | | | | | | | | | | | | | | |
| 191 | | | | | | | | | | | | | | | | |
| 192 | | | | | | | | | | | | | | | | |
| 193 | | | | | | | | | | | | | | | | |
| 194 | | | | | | | | | | | | | | | | |
| 195 | | | | | | | | | | | | | | | | |
| 196 | | | | | | | | | | | | | | | | |
| 197 | | | | | | | | | | | | | | | | |
| 198 | | | | | | | | | | | | | | | | |
| 199 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 201-225

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 201 | | | | | | | | | | | | | | | | |
| 202 | | | | | | | | | | | | | | | | |
| 203 | | | | | | | | | | | | | | | | |
| 204 | | | | | | | | | | | | | | | | |
| 205 | | | | | | | | | | | | | | | | |
| 206 | | | | | | | | | | | | | | | | |
| 207 | | | | | | | | | | | | | | | | |
| 208 | | | | | | | | | | | | | | | | |
| 209 | | | | | | | | | | | | | | | | |
| 210 | | | | | | | | | | | | | | | | |
| 211 | | | | | | | | | | | | | | | | |
| 212 | | | | | | | | | | | | | | | | |
| 213 | | | | | | | | | | | | | | | | |
| 214 | | | | | | | | | | | | | | | | |
| 215 | | | | | | | | | | | | | | | | |
| 216 | | | | | | | | | | | | | | | | |
| 217 | | | | | | | | | | | | | | | | |
| 218 | | | | | | | | | | | | | | | | |
| 219 | | | | | | | | | | | | | | | | |
| 220 | | | | | | | | | | | | | | | | |
| 221 | | | | | | | | | | | | | | | | |
| 222 | | | | | | | | | | | | | | | | |
| 223 | | | | | | | | | | | | | | | | |
| 224 | | | | | | | | | | | | | | | | |
| 225 | | | | | | | | | | | | | | | | |

ZONE DEFINITION FOR ZONES 226-250

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Fault | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Bell/Relay Activation | Rpt. Code | Zone Information & Alpha Descriptor (3 words max.) |
|----------|-----------|----------|------------|-------------|-----------|-----------|-----------|--------|--------------|--------------|------------|--------|-----------------|-----------------------|-----------|--|
| 226 | | | | | | | | | | | | | | | | |
| 227 | | | | | | | | | | | | | | | | |
| 228 | | | | | | | | | | | | | | | | |
| 229 | | | | | | | | | | | | | | | | |
| 230 | | | | | | | | | | | | | | | | |
| 231 | | | | | | | | | | | | | | | | |
| 232 | | | | | | | | | | | | | | | | |
| 233 | | | | | | | | | | | | | | | | |
| 234 | | | | | | | | | | | | | | | | |
| 235 | | | | | | | | | | | | | | | | |
| 236 | | | | | | | | | | | | | | | | |
| 237 | | | | | | | | | | | | | | | | |
| 238 | | | | | | | | | | | | | | | | |
| 239 | | | | | | | | | | | | | | | | |
| 240 | | | | | | | | | | | | | | | | |
| 241 | | | | | | | | | | | | | | | | |
| 242 | | | | | | | | | | | | | | | | |
| 243 | | | | | | | | | | | | | | | | |
| 244 | | | | | | | | | | | | | | | | |
| 245 | | | | | | | | | | | | | | | | |
| 246 | | | | | | | | | | | | | | | | |
| 247 | | | | | | | | | | | | | | | | |
| 248 | | | | | | | | | | | | | | | | |
| 249 | | | | | | | | | | | | | | | | |
| 250 | | | | | | | | | | | | | | | | |

ZONE DEFINITIONS FOR KEYPAD PANIC ZONES 995, 996, and 999

| Zone No. | Zone Type | Enter yes/no for each partition-field *22 | | | | | | | | Bell/Relay Activation | Report Code | Zone Information and Alpha Descriptor (3 words max.) |
|-------------------------|-----------|---|---|---|---|---|---|---|---|-----------------------|-------------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 995 (see note below) | | | | | | | | | | | | |
| 996 | | | | | | | | | | | | |
| 999 | | | | | | | | | | | | |

NOTE: Do Not Use Zone No. 995 in a Fire Alarm application.

ZONE DEFINITIONS FOR SYSTEM ZONES; 970 – 975, 988; 990 and 997

| Zone No. | Zone Type | Bell/Relay Activation | Report Code | Zone Information and Alpha Descriptor (three words max.) |
|----------|-----------|-----------------------|-------------|--|
| 970 | | | | |
| 971 | | | | |
| 972 | | | | |
| 973 | | | | |
| 974 | | | | |
| 975 | | | | |
| 988 | | | | |
| 990 | | | | |
| 997 | | | | |

ZONE DEFINITIONS FOR RELAY SUPERVISORY ZONES 601-632

| Zone No. | Zone Type | Report Code | Zone Information and Alpha Descriptor (3 words max.) | Zone No. | Zone Type | Report Code | Zone Information and Alpha Descriptor (3 words max.) |
|-----------------|------------------|--------------------|---|-----------------|------------------|--------------------|---|
| 601 | | | | 617 | | | |
| 602 | | | | 618 | | | |
| 603 | | | | 619 | | | |
| 604 | | | | 620 | | | |
| 605 | | | | 621 | | | |
| 606 | | | | 622 | | | |
| 607 | | | | 623 | | | |
| 608 | | | | 624 | | | |
| 609 | | | | 625 | | | |
| 610 | | | | 626 | | | |
| 611 | | | | 627 | | | |
| 612 | | | | 628 | | | |
| 613 | | | | 629 | | | |
| 614 | | | | 630 | | | |
| 615 | | | | 631 | | | |
| 616 | | | | 632 | | | |

NOTE: Only the relays on 4204CF modules may be supervised. If supervision is programmed for other types of Output Devices, unpredictable results may occur.

ZONE DEFINITIONS FOR SUPERVISORY OF ECP DEVICE ZONES 800-830

| Zone No. | Zone Type | Report Code | Zone Information and Alpha Descriptor (3 words max.) | Zone No. | Zone Type | Report Code | Zone Information and Alpha Descriptor (3 words max.) |
|----------|-----------|-------------|--|----------|-----------|-------------|--|
| 800 | | | | 816 | | | |
| 801 | | | | 817 | | | |
| 802 | | | | 818 | | | |
| 803 | | | | 819 | | | |
| 804 | | | | 820 | | | |
| 805 | | | | 821 | | | |
| 806 | | | | 822 | | | |
| 807 | | | | 823 | | | |
| 808 | | | | 824 | | | |
| 809 | | | | 825 | | | |
| 810 | | | | 826 | | | |
| 811 | | | | 827 | | | |
| 812 | | | | 828 | | | |
| 813 | | | | 829 | | | |
| 814 | | | | 830 | | | |
| 815 | | | | | | | |

| Zone Types | | | |
|------------------------|----------------------|------------------------|----------------------|
| 00=zone not used | 07=24-hour audible | 16=fire w/verification | 22=disarm |
| 01=entry/exit 1 | 08=24-hour auxiliary | 17=waterflow | 23=no alarm response |
| 02=entry/exit 2 | 09=supervised fire | 18=supervisory | 27=access control |
| 03=perimeter | 10=interior (delay) | 19=24-hour trouble | 28=Not Used |
| 04=interior (follower) | 12=Not Used | 20=arm stay | 29=momentary on exit |
| 05=day/night burglary | 13=Remote P/S | 21=arm away | |
| 06=24-hour silent | 14=CO Detector alarm | | |

| Input Types | | Bells/Auxiliary Relay Activation | |
|--------------------------------|------------------------------------|----------------------------------|-------------------------------------|
| 00=not used | 07=Dip switch-type polling loop | 0=none | 4=auxiliary relay |
| 01=hardwired | 08=right loop dip switch poll loop | 1=bell 1 | 5=bell 1 and auxiliary relay |
| 02=RF motion transmitter | 09=keypad input | 2=bell2 | 6=bell 2 and auxiliary relay |
| 03=supervised RF transmitter | 10=Not Used | 3=bells 1 and 2 | 7=bells 1 and 2 and auxiliary relay |
| 04=unsupervised RF transmitter | 11=VistaKey door status monitor | | |
| 05=RF button transmitter | 12=VistaKey request to exit | | |
| 06=serial number polling loop | 13=VistaKey general purpose | | |

Output Devices Worksheets

Applicable only if relays (4204/4204CF) or V-Plex are used.

Output Devices – Programmed in the #93 Menu Mode in the Output Programming Section. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

- NOTES:**
1. For 4204/4204CF, the Device Programming section must be programmed for the device address. Set the DIP switches on the device for that address.
 2. For V-Plex, devices must be programmed in the Zone Programming section
 3. If you are using outputs on V-Plex (e.g., 4101SN) no more than 20 of the V-Plex outputs may be programmed for the same START or STOP condition. Also, if you are using ZONE # for the START of a V-Plex output and want that output to stop when the same zone restores, the STOP programming **MUST BE BLANK**.

| OUTPUT DEV # | A | S T A R T | | | | | S T O P | | | Relay Group | Restrict | 0=V-Plex 1=4204/ 4204CF | V-Plex Zone # or Dev Add 4204/4204CF | Relay # for 4204/ 4204CF |
|-----------------|---|-----------|------|--------|----|--------|---------|--|--|----------------|----------|-------------------------------|---|--------------------------------|
| | | EV/ZL | Zone | ZT / P | ZL | ZT / P | | | | | | | | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |

OUTPUT DEVICES WORKSHEET (cont'd)

| OUTPUT DEV # | A | S T A R T | | | | | S T O P | | | Relay Group | Restrict | 0=V-Plex 1=4204/ 4204CF | V-Plex Zone # or Dev Add 4204/4204CF | Relay # for 4204/ 4204CF |
|-----------------|---|-----------|--|------|--------|--|---------|--------|--|----------------|----------|-------------------------------|---|--------------------------------|
| | | EV/ZL | | Zone | ZT / P | | ZL | ZT / P | | | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
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| 31 | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | |
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| 36 | | | | | | | | | | | | | | |
| 37 | | | | | | | | | | | | | | |
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| 39 | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | | |

OUTPUT DEVICES WORKSHEET (cont'd)

| OUTPUT DEV # | A | S T A R T | | | | | S T O P | | | Relay Group | Restrict | 0=V-Plex 1=4204/ 4204CF | V-Plex Zone # or Dev Add 4204/4204CF | Relay # for 4204/ 4204CF |
|-----------------|---|-----------|------|--------|----|--------|---------|--|--|----------------|----------|-------------------------------|---|--------------------------------|
| | | EV/ZL | Zone | ZT / P | ZL | ZT / P | | | | | | | | |
| 46 | | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | |

OUTPUT DEVICES WORKSHEET (cont'd)

| OUTPUT DEV # | A | S T A R T | | | | | S T O P | | | Relay Group | Restrict | 0=V-Plex 1=4204/ 4204CF | V-Plex Zone # or Dev Add 4204/4204CF | Relay # for 4204/ 4204CF |
|-----------------|---|-----------|------|--------|----|--------|---------|--|--|----------------|----------|-------------------------------|---|--------------------------------|
| | | EV/ZL | Zone | ZT / P | ZL | ZT / P | | | | | | | | |
| 71 | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | |

0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off; 4 = Toggle alternately between START and STOP events

0 = Not used; 1 = Alarm; 2 = Fault; 3 = Trouble; 4 = Restore

01-15. 00 = Not Used

"START" ZONE LIST: Upon alarm, fault, trouble or restore of ANY zone in this list, device action will START.

"STOP" ZONE LIST: Upon restore of ALL zones on this list, device action will STOP. It need not be same list as used for START.

Choices for Zone Type/System Operation are:

| | | |
|---------------------------------|---|--|
| 00 = No Response (Not Used) | 21 = Arming-AWAY**** | 41 = AC Power Fail |
| 01 = Entry/Exit #1 | 22 = Disarming (Code + Off) | 42 = System Battery Low |
| 02 = Entry/exit #2 | 23 = No Alarm Response | 43 = Communication failure |
| 03 = Perimeter | 27 = Access Point (allows more than one relay to be controlled by activation if access point request) | 44 = RF Low Battery |
| 04 = Interior Follower | 28 = MLB Supervision - Not Used | 45 = Polling Loop Failure |
| 05 = Trouble Day/Alarm Night | 29 = Momentary Exit | 47 = Console Failure |
| 06 = 24-Hr. Silent | 30 = On Second Code + Off | 51 = RF Receiver Failure |
| 07 = 24-Hr. Audible | 31 = End of Exit Time | 52 = Kissoff |
| 08 = 24-Hr. Auxiliary | 32 = Start of Entry Time | 54 = Fire Zone Reset |
| 09 = Fire Alarm or Trouble | 33 = Any Burglary Alarm | 55 = Disarm + 1 Minute |
| 10 = Interior W/Delay | | 56 = XX Minutes (enter XX in field 1*74) * |
| 12 = PLM Supervision - Not Used | | 57 = YY Seconds (enter YY in field 1*75) * |
| 13 = Remote P/S | 34 = Code + [#] + 71 | 58 = Duress |
| 14 = CO Detector Alarm | 35 = Code + [#] + 72 | 60 = Audio Alarm Verification (must be selected for both START and STOP operation) |
| 16 = Fire With Verification | 36 = At Bell Timeout ** | |
| 17 = Waterflow***** | 37 = 2 Times Bell Timeout ** | 61 = Code + [#] + 67 |
| 18 = Fire Supervisory | 38 = Chime | 62 = Bell 2 Timeout |
| 19 = 24-Hour Trouble | 39 = Fire Alarm | 63 = Auxiliary Relay Timeout |
| 20 = Arming-STAY*** | 40 = Bypassing | |

* Stop condition only

** Or at disarming, whichever occurs earlier

*** The output also activates when the partition is armed in the INSTANT mode

**** The output also activates when the partition is armed in the MAXIMUM mode

***** Use an event of fault or alarm as the START option

ZONE LISTS FOR OUTPUT DEVICES – Programmed in the #93 Menu Mode in the Output Programming Section. Fill in the required data on the worksheet below and follow the procedure shown earlier in this *Programming Guide* as you enter the data during the displays and prompts that appear in sequence. Up to 15 zone lists may be created

NOTE: Record desired zone numbers below. More or fewer boxes than shown may be needed, as any list may include *any* or *all* of system's zone numbers.

Zone List 1: Started or stopped by zone numbers (enter 000 to end entries).

[illegible]

Zone List 2: Started or stopped by zone numbers (enter 000 to end entries).

[illegible]

Zone List 3: Started or stopped by zone numbers (enter 000 to end entries).

[illegible]

Zone List 4: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Zone List 5: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 6: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 7: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 8: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 9: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 10: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 11: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 12: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 13: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 14: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Zone List 15: Started or stopped by zone numbers (enter 000 to end entries).

| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |

Scheduling Menu Prompts

To program schedules, enter Scheduling program mode by pressing **[User Code] + # + 80** to display the first choice of the menu driven programming functions. **NOTE:** Only users with an Installer or Master level user code may enter the #80 mode. 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:

| PROMPT | EXPLANATION |
|-------------------------------------|--|
| Time Window ? 1 = YES 0 = NO 0 | For defining up to 20 time windows each with a start and a stop time programmed by entering the hours and minutes. |
| O/C Schedules ? 1 = YES 0 = NO 0 | For defining the daily open and close schedules for the 8 partitions. Each partition can be programmed with an opening and closing window for each day of the week and holidays. |
| Holidays ? 1 = YES 0 = NO 0 | For defining up to 16 holidays for which partitions they apply. |
| Timed Events ? 1 = YES 0 = NO 0 | For defining up to 20 time driven events with the following parameters: <ul style="list-style-type: none"> • Time window • Action desired • Action specifier • Activation time • Days of the week |
| Access Sched. ? 1 = YES 0 = NO 0 | For defining the limitation of access schedules for the user codes. Each schedule can be programmed with two window for each day of the week and holidays |

#80 and #81 MENU MODE KEY COMMANDS

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

| | |
|------------|---|
| #80 or #81 | 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. |
| 01-09 | All data entries are either 2-digit entries. |
| 00 | Exits Menu mode, returns to normal operation mode when entered at the first question for each category. |

Scheduling Worksheets

Time Windows Definitions Worksheet. The system provides 20 time windows that are defined with start and stop times. They are programmed in the #80 Menu Mode. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| Time Window Number | Start Time (HH:MM) | Stop Time (HH:MM) |
|--------------------|--------------------|-------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| 16 | | |
| 17 | | |
| 18 | | |
| 19 | | |
| 20 | | |

(Keep this worksheet handy, as you will be asked for a given time window number later in this section).



Because the time windows are shared among all partitions, it is important to make sure that changing a time window does not adversely affect desired actions in other partitions.

Daily Open/Close Schedule Worksheet: Using the time windows previously defined, fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| Part | Mon | | Tues | | Wed | | Thur | | Fri | | Sat | | Sun | | Hol | |
|------|-----|----|------|----|-----|----|------|----|-----|----|-----|----|-----|----|-----|----|
| | Op | Cl | Op | Cl | Op | Cl | Op | Cl | Op | Cl | Op | Cl | Op | Cl | Op | Cl |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |

Holiday Schedule Worksheet: The system provides up to 16 holidays that can be assigned for the system. Each holiday can be assigned to any combination of partitions. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| HOL | Partition | | | | | | | | |
|-----|-----------|---|---|---|---|---|---|---|---|
| | Month/Day | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | / | | | | | | | | |
| 2 | / | | | | | | | | |
| 3 | / | | | | | | | | |
| 4 | / | | | | | | | | |
| 5 | / | | | | | | | | |
| 6 | / | | | | | | | | |
| 7 | / | | | | | | | | |
| 8 | / | | | | | | | | |
| 9 | / | | | | | | | | |
| 10 | / | | | | | | | | |
| 11 | / | | | | | | | | |
| 12 | / | | | | | | | | |
| 13 | / | | | | | | | | |
| 14 | / | | | | | | | | |
| 15 | / | | | | | | | | |
| 16 | / | | | | | | | | |

Time-Driven Event Worksheet: The system provides up to 20 time-driven events that can be programmed for the system. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| Sched Num. | Time Window | Day(s) | | | | | | | | | Action Desired | Action Specifier | Activation Time |
|---------------|----------------|--------|---|---|---|---|---|---|---|--|-------------------|---------------------|--------------------|
| | | M | T | W | T | F | S | S | H | | | | |
| 1 | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | |

Automatic Refresh: The system automatically updates the status of all Time-Driven Events upon any of the following occurrences:

- Changing of the time or date via #63 mode
- Exiting #80 Scheduling Menu mode
- Exiting Program mode
- After a disconnect from the downloader
- On a power-up
- At Daylight Saving Time adjustment.

Below is a list of the "Action" codes (desired actions) used when programming time-driven events. Note that these codes are independent of the "relay codes" programmed during the #93 Menu Mode—Output Programming mode. **If using Time Driven Events, the following menu items must first be programmed using #93 Menu Mode - Output Programming:**

| | |
|---|---------------------------|
| Enter Relay No. (reference identification number) | Zone No. (V-Plex) |
| Relay Group (if applicable) | ECP Address (4204/4204CF) |
| Restriction | Relay No. (4204/4204CF) |
| Relay Type (V-Plex or 4204/4204CF) | |

Relay commands:

Action Specifier for commands 01-05 is Relay No.; Action Specifier for commands 06-10 is Relay Group No.

- | | |
|--|--|
| 01 = Relay On | 02 = Relay Off |
| 03 = Relay Close for 2 seconds | 04 = Relay Close XX minutes (field 1*74) |
| 05 = Relay Close YY seconds (field 1*75) | 06 = Relay Group On |
| 07 = Relay Group Off | 08 = Relay Group Close for 2 seconds |
| 09 = Relay Group Close XX minutes (field 1*74) | 10 = Relay Group Close YY seconds (field 1*75) |

Arm/Disarm commands:

Action Specifier for commands 20-24 is Partition(s). Activation times 1 (Beginning), 2 (End), 3 (During), 5 (Random Start), 6 (Random End), 7 (Random During) are the only valid choices for auto-arming and disarming functions.

- | | |
|---|---|
| 20 = Arm-Stay | 21 = Arm Away |
| 22 = Disarm | 23 = Force Arm Stay (Auto-bypass faulted zns) |
| 24 = Force Arm Away (Auto-bypass faulted zns) | 25 = Arm Instant |
| 26 = Arm Maximum | |

Bypass commands:

Action Specifier for commands 30-31 is Zone List #, Activation times 1 (Beginning), 2 (End), 3 (During), 5 (Random Start), 6 (Random End), 7 (Random During) are the only valid choices for bypass commands.

- | | |
|------------------------------|--------------------------------|
| 30 = Auto bypass - Zone list | 31 = Auto unbypass - Zone list |
|------------------------------|--------------------------------|

Open/Close Windows:

Action Specifier for commands 40-41 is Partition(s), for 42 is Access Group and for 50 no specifier is programmed.

Activation time 3 (During), 7 (Random During) are the only valid choices for these commands.

- | | | |
|---|----------------------------|---------------------------|
| 40 = Enable Opening Window | 41 = Enable Closing Window | 42 = Enable Access Window |
| 50 = Off-Normal Reminder (Starts local keypad beeping if off-normal condition exists) | | |

Access Control Commands

Action Specifier for commands 55-60 is Access Point, for 61-66 is Group, for 67-72 is Partition, and for 73-74 is Trigger.

- | | |
|--|---|
| 55 = Access Point Grant | 56 = Access Point Grant with Override |
| 57 = Access Point Protect | 58 = Access Point Bypass |
| 59 = Access Point Lock | 60 = Access Point Exit |
| 61 = Access Point Group Grant | 62 = Access Point Group Grant with Override |
| 63 = Access Point Group Protect | 64 = Access Point Group Bypass |
| 65 = Access Point Group Lock | 66 = Access Point Group Exit |
| 67 = Access Point Partition Grant | 68 = Access Point Partition Grant with Override |
| 69 = Access Point Protect by Partition | 70 = Access Point Bypass by Partition |
| 71 = Access Point Lock by Partition | 72 = Access Point Exit by Partition |
| 73 = Access Point Trigger On | 74 = Access Point Trigger Off |

Additional Commands

Action Specifier for command 78 is Group.

- 78 = Access Point Group Disable

Activation time:

Refers to when the action is to take place relative to the time window.

1 = Beginning of time window

4 = Beginning and end of time window

2 = End of time window

5 = Random Start of the time window *

3 = During time window active period only (On at beginning of window, off at end).

6 = Random End of the time window *

7 = Random During the time window *

* The activation time of the window is randomized up to 30 minutes and is initialized by either of two methods:

a. **[User Code] + [#] + [41]** – Initiates the random schedule for all devices in the partition.

b. **[User Code] + [#] + [42]** – Initiates the random schedule for all devices in the partition with a time window within 6 PM and 5 AM.

Limitation of Access Worksheet The system provides up to 8 Access Schedules that can be programmed for the system. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| Acc Sch | Mon | | Tues | | Wed | | Thurs | | Fri | | Sat | | Sun | | Hol | |
|------------|-----|----|------|----|-----|----|-------|----|-----|----|-----|----|-----|----|-----|----|
| | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | |

Temporary Schedule #81 Menu Mode. The system provides a Temporary Schedule for each partition. Enter the temporary scheduling mode by pressing **[Installer Code] + [#] + [81]**. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

| Partition/Windows | | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| 1 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 2 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |

| Partition/Windows | | Mon | Tue | Wed | Thu | Fri | Sat | Sun |
|-------------------|----------------------|-----|-----|-----|-----|-----|-----|-----|
| 3 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 4 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 5 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 6 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 7 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| 8 | Disarm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |
| | Arm Window | | | | | | | |
| | Start Time HH:MM | | | | | | | |
| | Stop Time HH:MM | | | | | | | |

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