Honeywell

# VISTA-128BPEN

## Commercial Burglary Partitioned Security System With Scheduling

## Programming Guide

800-05856 2/10 Rev B

## SIA CP-01 Quick Reference Chart

The minimum required system for SIA CP-01 is a UL Listed Control, Keypad and Bell.

| Item | Feature | Range | Shipping Default | SIA Requirement* |
|---|---|---|---|---|
| *09 | Entry Delay # 1 | 02 – 15 multiplied by 15 seconds<br>00 = 240 sec (4 minutes) | 30 Seconds` | At least 30 Seconds ** |
| *10 | Exit Delay #1 | 03 – 15 multiplied by 15 seconds | 60 Seconds | 60 Seconds |
| *11 | Entry Delay # 2 | 02 – 15 multiplied by 15 seconds<br>00 = 240 sec (4 minutes) | 30 Seconds | At least 30 Seconds ** |
| *12 | Exit Delay #2 | 03 – 15 multiplied by 15 seconds | 60 Seconds | 60 Seconds |
| *28 | Power Up in Previous State | 0 = no<br>1 = yes | Yes | Yes |
| *57 | Dynamic Signaling Priority | 0 = primary dialer<br>1 = Communicator as first reporting destination | 0 (primary dialer) | 0 (primary dialer) |
| *84 | Swinger Suppression | 01= 1 alarm<br>02= 2 alarms | 1 alarm | 1 alarm |
| *88 | Abort Window Time (for non-fire zones) | 1 = 15 seconds<br>2 = 30 seconds<br>3 = 45 seconds | 30 Seconds | At least 15 Seconds ** |
| 1*21 | Exit Time Reset | 0=no<br>1=Resets Exit Delay to programmed value after zone is closed and then faulted prior to end of exit delay. | 1 (Enabled) | 1 (Enabled) |
| 1*22 – 1*25 | Cross Zoning | Zone 001 – 128<br>000, 000 = Disabled | Disabled | Enabled and two (or more) zones programmed |
| 1*42 | Call Waiting Defeat | 0 = no<br>1 = yes | Disabled (0) | Enabled if user has call waiting |

| Item | Feature | Range | Shipping Default | SIA Requirement* |
|---|---|---|---|---|
| 1*61 | Abort Verify | 0 = Disable<br>1 = Enable | Enabled | Enabled |
| Zone Programming Auto Stay Zone, Zone type 04 has this feature enabled by default | Auto Stay Arm or Occupied Premises | 0 = Disable<br>1 = Enable | 1 (Enabled) | Enabled |
| Zone Programming (Abort Window Enable) | Abort Window (for non-fire zones) | 0 = no abort window<br>1 = yes, use abort window according to *88 selection | 1 = yes | Yes (all non-fire zones) |
| Zone Programming (Swinger Suppression Enable) | Swinger Suppression Enable | 0 = no suppression<br>1 = yes, suppress alarms according to *84 selection | Yes (enabled) | Yes (enabled (all zones)) |
| Zone Programming Tamper Option | Fire Alarm Verification | For Zone Response Type 16 (Fire) tamper selection must be set to “0” | Disabled | Enabled unless sensors can self verify |
| - | Exit Time and Progress Annunciation/Disable for Remote Arm (Not Evaluated for SIA CP-01) | Always Enabled | Enabled | Enabled |
| - | Cancel Window | 5 minutes | Enabled | Not required to be programmable |
| - | Cancel Annunciation - Keypad displays “Alarm Cancel” when report is received | NA | Enabled | Enabled |
| - | Programmable Cross Zoning Time | Both zones must be faulted within 5 minutes | Per Manufacturer | Per walk path in protected premises |
| User Authority Level 6 | Duress Feature | NA | Disabled | Disabled |

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-128BPEN Installation and Setup Guide*.

Make sure that one two-line alpha touchpad 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-128BPEN 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-128BPEN 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.

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-128BPEN system.

1. **Set the touchpads (and other peripheral devices) to the appropriate addresses.**
2. **Set factory defaults by pressing ∗97.**
   This will automatically enable touchpad addresses 00-01, so be sure at least one touchpad 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-128BPEN Installation and Setup Guide* for detailed instructions.
5. **Use #93 Menu Mode for device programming.**
   Refer to *Device Programming* in this guide to assign touchpad ID numbers and default partitions for each touchpad, and to selectively suppress certain touchpad sounding options. Also use this mode to assign RF receivers, relay modules, the VIP module, the ECP Long Range Radio, and the VISTA Gateway Module.
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-128BPEN 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 #93 Menu Mode for relay voice descriptors and custom word substitutes.**
    Refer to *Relay Voice Descriptors* in this guide for further instructions for programming relay descriptors to be annunciated by the VIP module, as well as the *Custom Index* section for custom word substitutes.
11. **Use #80 Mode for programming schedules.**
    Refer to the *Scheduling Menu Prompts* in the *VISTA-128BPEN Installation and Setup Guide* to program open/close schedules, temporary and holiday schedules, limitation of access schedules, and time-driven events.
12. **Define user access codes.**
    Refer to *User Access Codes* in the *VISTA-128BPEN Installation and Setup Guide* to program authority level, O/C reporting option, partition assignments, and wireless key assignments for each user.
13. **Exit Programming Mode.**
    Exit programming mode by pressing either ∗98 or ∗99. 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 touchpad.

## 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 |
|---|---|
| *00 | System-Wide |
| *04 | System-Wide |
| *05 | System-Wide |
| *06 | Partition-Specific |
| *09 | Partition-Specific |
| *10 | Partition-Specific |
| *11 | Partition-Specific |
| *12 | Partition-Specific |
| *13 | Partition-Specific |
| *14 | System-Wide |
| *15 | System-Wide |
| *16 | Partition-Specific |
| *17 | System-Wide |
| *19 | System-Wide |
| *20 | System-Wide |
| *21 | System-Wide |
| *22 | Partition-Specific |
| *24 | System-Wide |
| *25 | System-Wide |
| *26 | Communications |
| *27 | Communications |
| *28 | System-Wide |
| *29 | Partition-Specific |
| *30 | Communications |
| *31 | Communications |
| *32 | Partition-Specific |
| *33 | Communications |
| *34 | Communications |
| *35 | System-Wide |
| *36 | System-Wide |
| *37 | System-Wide |
| *38 | Partition-Specific |
| *39 | Partition-Specific |
| *40 | Communications |
| *41 | System-Wide |
| *42 | Communications |
| *43 | Communications |
| *44 | Communications |
| *45 | Communications |
| *46 | Communications |
| *47 | Communications |

| Field | Group |
|---|---|
| *48 | Communications |
| *49 | Communications |
| *50 | Communications |
| *51 | Communications |
| *52 | Communications |
| *53 | Communications |
| *54 | System-Wide |
| *56 | Communications |
| *57 | Communications |
| *58 | Communications |
| *59 | Communications |
| *79 | Communications |
| *80 | Communications |
| *83 | Communications |
| *84 | Partition-Specific |
| *85 | Partition-Specific |
| *87 | Partition-Specific |
| *88 | Partition-Specific |
| *89 | Communications |
| *90 | Partition-Specific |
| 1*07 | System-Wide |
| 1*11 | System-Wide |
| 1*15 | Communications |
| 1*17 | System-Wide |
| 1*18 | Partition-Specific |
| 1*19 | Partition-Specific |
| 1*21 | System-Wide |
| 1*22 | System-Wide |
| 1*23 | System-Wide |
| 1*24 | System-Wide |
| 1*25 | System-Wide |
| 1*26 | Partition-Specific |
| 1*28 | System-Wide |
| 1*29 | System-Wide |
| 1*30 | System-Wide |
| 1*31 | System-Wide |
| 1*33 | Communications |
| 1*34 | Communications |
| 1*35 | communications |
| 1*42 | Communications |
| 1*43 | Partition-Specific |

| Field | Group |
|---|---|
| 1*44 | System-Wide |
| 1*46 | System-Wide |
| 1*47 | Partition-Specific |
| 1*48 | System-Wide |
| 1*49 | System-Wide |
| 1*53 | System-Wide |
| 1*55 | System-Wide |
| 1*56 | System-Wide |
| 1*57 | System-Wide |
| 1*58 | System-Wide |
| 1*60 | System-Wide |
| 1*61 | System Wide |
| 1*70 | System-Wide |
| 1*71 | System-Wide |
| 1*72 | System-Wide |
| 1*73 | System-Wide |
| 1*74 | System-Wide |
| 1*75 | System-Wide |
| 1*76 | Partition-Specific |
| 1*78 | System-Wide |
| 1*79 | System-Wide |
| 1*80 | System-Wide |
| 2*00 | System-Wide |
| 2*01 | System-Wide |
| 2*02 | System-Wide |
| 2*05 | Partition-Specific |
| 2*06 | Partition-Specific |
| 2*07 | Partition-Specific |
| 2*08 | Partition-Specific |
| 2*09 | Partition-Specific |
| 2*10 | Partition-Specific |
| 2*11 | System-Wide |
| 2*18 | Partition-Specific |
| 2*19 | Partitioning |
| 2*20 | Partition-Specific |
| 2*21 | System-Wide |
| 2*22 | Partition-Specific |
| 2*23 | Partition-Specific |
| 2*24 | Partition-Specific |

## VISTA-128BPEN 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. For more information on these features refer to Section 5 in the Installation and Set Guide.

***00** INSTALLER CODE | | |

Enter 4 digits, 0-9 [4140]

***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].

***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
Must be 0 for UL installations.

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

00 (240 seconds), 02-15 times 15 seconds
Maximum "03" for UL.
The entry delay time and Abort Window (field *88) combined cannot exceed 60 seconds for SIA installations.

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

03-15 times 15 seconds
Maximum "04" for UL installations.
Minimum 60 seconds “04” for SIA installations.

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

00 (240 seconds), 02-15 times 15 seconds (must be longer than Entry Delay #1). Maximum "03" for UL installations.
The entry delay time and Abort Window (field *88) combined cannot exceed 60 seconds for SIA installations.

***12** EXIT DELAY #2 [04]

03-15 times 15 seconds (must be longer than Exit Delay #1).
Maximum "04" for UL installations.
Minimum 60 seconds “04” for SIA installations.

***13** ALARM SOUNDER DURATION [03]

01-15 times 2 minutes. Must be minimum 16 minutes for UL installations. Must be minimum 6 minutes for SIA installations.

***14** RS232 INPUT [0]

Enter **1** to enable RS232 input at J8.
Enter 0 to disable

***15** KEYSWITCH ASSIGNMENT [0]

Enter partition in which keyswitch used,
1-8; 0=disable

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

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 UL Installations.

***17** AC LOSS TOUCHPAD SOUNDING [0]

1=yes; 0=no

***19** RANDOMIZE AC LOSS REPORT [1]

1=10-40 min; 0=normal report (about 2 min. after AC loss).

***20** VIP MODULE PHONE CODE | |

Enter 01 - 09 for the first digit; enter 11 for “*” or 12 for “#” for the second digit. [00], [11]
Must be set to "0" for UL installations.

***21** PREVENT FIRE TIMEOUT [0]

1=No timeout; 0=Timeout.

***22** TOUCHPAD PANIC ENABLES [101]

1=enable; 0=disable 995 996 999

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

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

***25** BURG.TRIGGER FOR RESPONSE TYPE 8 [0]

1=enable; 0=disable

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

1=yes (no report sent if any other report was recently sent);
0=no (send report at programmed interval, field *27)
Must be 0 for UL installations.

***27** TEST REPORT INTERVAL [0000] | | |

Enter interval in hours, 0001-9999; 0000=no report;
Max. 0024 for UL installations.

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

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

***29** QUICK ARM [1]

1=yes; 0=no

***30** 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 15]

***37** DOWNLOAD COMMAND ENABLES

[ ] [ ] [0] [ ] [ ] [ ] [ ] [ ]

Dlr ShtdwnSys ShtdwnNot UsedRmt BypRmt DisarmRmt ArmUpld PgmDwnld Pgm

See field 1*53 for Callback disable option; 1=enable; 0=disable. [11000111]. Must be 0 for UL installations.

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

001-128; 00 if all zones can be bypassed

***39** ENABLE OPEN/CLOSE REPORT FOR INSTALLER CODE [0] [ ]

1=enable; 0=disable

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

1=enable; 0=disable

***41** NORMALLY CLOSED or EOLR (Zones 2-8) [0] [ ]

1=N.C. loops; 0=EOLR supervision.
Must be "0" for UL installations.

***42** DIAL TONE PAUSE [0] [ ]

0=5 seconds; 1=11 seconds; 2=30 seconds.
Must be "0" UL Installations.

***43** DIAL TONE DETECTION [1] [ ]

1=wait for true dial tone; 0=pause, then dial

***44** RING DETECTION COUNT [15] [ ]

01-14; 15=answering machine; 00=no detection.
Must be "00" for UL Burglary.

***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=yes; 0=no Prim Sec

***50** SESCOA/RADIONICS SELECT [0] [ ]

1=Sescoa; 0=Radionics

***51** DUAL REPORTING [0] [ ]

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

***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=No, 1=Yes, if automatic downloads will be allowed

***56** DYNAMIC SIGNALING DELAY [03] [ ]

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

***57** DYNAMIC SIGNALING PRIORITY [0] [ ]

0=Primary dialer; 1=LRR, as first reporting destination.
**NOTE:** Must be set to 0 for SIA installations.

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

[1 1 0 0 1 1] [ ] [ ] [ ] [ ] [ ] [ ]

Alarm Trbl Byp O/C Syst Test

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

***59** LRR 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 LRR

ZONE TYPE RESTORE ENABLES

***79** FOR ZONE TYPES 1-8

1 2 3 4 5 6 7 8

1=enable; 0=disable; [11111111]

***80** FOR TYPES 9, 10, 14 and 16 [ ] [ ] [ ] [ ]

9 10 14 16

1=enable; 0=disable; [111]

***83** FIRST TEST REPORT TIME [ ] [ ] [ ]

[Day 00; hour 03; min 00] Days 01-07 Hours 00-23 Min 00-59; 00 in all boxes = instant (Day 01= Monday)

***84** SWINGER SUPPRESSION [01] [ ]

01= 1 alarm
02= 2 alarms
**NOTE:** Fire zones are exempt from this requirement.
Must be "00" (disabled) for UL.

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

1=enable; 0=disable. [1 0 1 1] [ ] [ ] [ ] [ ]

995 996 999 Duress

***87** ENTRY WARNING [1] [ ]

1=continuous; 0=3 beeps

***88** ABORT WINDOW [2] [ ]

1=15 seconds; 2=30 seconds; 3=45 seconds
Must be “2” for SIA installations.

***89** RESTORE REPORT TIMING [1] ☐

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

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

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

**1*07** CHECK OR TRBL DISPLAY [1] ☐

1=display TRBL; 0=display CHECK

**1*11** ZONE BYPASS AFTER DISARM

[00000000] ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

1 2 3 4 5 6 7 8

1=enable; 0=disable

Enter 1 to enable zones to remain bypassed after the partition is disarmed.

**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*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.

**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 UL installations.

**1*19** ARMS LOBBY [0] ☐

Enter 1 if arming this partition attempts to arm lobby; enter 0 if it does not.

Must be "0" for UL 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 UL installations.

Exit Delay must be enabled 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

[00, 00, 00, 00] | | | | |

A B C D

Enter speedkey macro # (01-35) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # or 00 to select macro when key is pressed.

MISCELLANEOUS WIRELESS OPTIONS

**Fields 1*28 - 1*31 are not applicable for UL installations.**

**1*28** RF TX LOW BATTERY SOUND [0] ☐

1=immediate; 0=when disarmed

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

1=enable; 0=disable

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

02-15 times 2 hours; 00 disables supervision

**1*31** RF XMITTER CHECK-IN INTERVAL [06] | |

02-15 times 2 hours; 00 disables transmitter supervision

**1*33** TOUCHTONE W/ROTARY BACKUP [0] ☐

1=enable; 0=disable

**1*34** COMM. SPLIT REPORT [0] ☐

0=no; 1=alarms and alarm restores primary, others secondary; 2=open/close, test secondary, others primary. See T51 for comments if using with dual reporting.

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

**1*35** ACCESS CONTROL DIALER ENABLES

[0 0 0 0 0 0] ☐ ☐ ☐ ☐ ☐ ☐

Trace Trbl Byp Not Used Syst Alm

1=enable; 0=disable

**NOTE:** When Access Control and/or Home Automation is in use, Opening Reports and Trace Reports are delayed 60 seconds.

**1*42** CALL WAITING DEFEAT [0] ☐

1=Yes; 0=No

**1*43** PERM. TOUCHPAD BACKLIGHT [0] ☐

1=enable; 0=disable When disabled, display lights when any key is pressed, and turns off after period of touchpad inactivity.

**1*44** WIRELESS TOUCHPAD [0] ☐

TAMPER DETECT

1=enable; 0=disable.

**1*46** AUXILIARY OUTPUT MODE [0] ☐

Enter **0** for ground start output.

Enter **1** for smoke detector reset.

Enter **2** for touchpad-like sounding. This option applies only to the partition enabled in field *15.

Enter **3** if AAV module is being used.

**NOTE:** Only one of the above options may be active within the system.

**1*47** CHIME ON EXTERNAL SIREN [0] ☐

1=enable; 0=disable

**1*48** WIRELESS TOUCHPAD ASSIGNMENT [0] ☐

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

Must be "0" for UL installations.

**1*49** SUPPRESS TX SUPERVISION SOUND [1] ☐

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

**1*53** DOWNLOAD CALLBACK [1] ☐

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

**1*58** 5800 RF BUTTON FORCE ARM [0] ☐

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

**1*61** ABORT VERIFY [1] ☐

0=disable; 1=enable
Must be enabled "1" for SIA installations.

**1*70** EVENT LOG TYPES

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

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 [0] ☐

0=disable; 1=enable

**1*73** PRINTER BAUD RATE [0] ☐

1=300; 0=1200

**1*74** RELAY TIMEOUT XXX MINUTES [000] ☐☐

Enter the relay timeout, **0-127** in multiples of 2 minutes, desired for #80 Menu Mode time-driven event relay command numbers "04/09" and #93 Menu Mode Output Programming output command "56."

**1*75** RELAY TIMEOUT YYY SECONDS [000] ☐☐

Enter the relay timeout, **0-127** seconds, desired for #80 Menu
Mode time driven event relay command numbers "05/10" and #93 Menu Mode Output Programming command "57."

**1*76** ACCESS CONTROL RELAY [00] ☐

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

**1*78** EXTENDED HOME CONT ENABLE [1] ☐

0=Limited home control command set (32 commands).
1=Extended home control command set (255 commands).
Home Control Automation is not allowed in UL installations.

**1*79** HOME CONTROL EVENTS

[0 0 0 0 0] ☐ ☐ ☐ ☐ ☐
Alarm Trbl Byp O/C Syst

1=enable; 0=disable. Select the type of events (status reports) transmitted via the RS232 output.

**1*80** LOG FAULTS AND RESTORES [1] ☐

0=Disabled
1=Enabled

## 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 [1] ☐

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

**2*18** ENABLE GOTO FOR THIS PARTITION [1] ☐

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

**2*19** USE PARTITION DESCRIPTORS [0] ☐

0=disable; 1=enable

**2*20** ENABLE J7 TRIGGERS FOR PARTITION [1] ☐

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

**2*21** ENABLE SUPERVISION PULSES FOR LRR TRIGGER OUTPUTS [000] ☐☐☐

F B P

Used only for supervised connection to non-ECP supported LRR.
Enter 0 to disable or 1 to enable the listed outputs.
F= Fire; B= Burglary; P= Silent Panic/Duress.
Must be 1 for UL. Installations.

**2*22** DISPLAY FIRE ALARMS OF OTHER PARTITIONS [1] ☐

0=No; 1=Yes.

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

0=No; 1=Yes.

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

0=No; 1=Yes

**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.

## 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
Must be 0 for UL installations.

***09** ENTRY DELAY #1 [02] ☐☐

00, 02-15 times 15 seconds.
Maximum 03 for UL Listed installations.
The entry delay time and Abort Window (field *88) combined cannot exceed 1 minute for SIA installations.

***10** EXIT DELAY #1 [04] ☐☐

00, 02-15 times 15 seconds.
Maximum 04 for UL Listed installations.
Minimum 60 seconds “04” for SIA installations.

***11** ENTRY DELAY #2 [02] ☐☐

00, 02-15 times 15 seconds.
Maximum 03 for UL installations.
The entry delay time and Abort Window (field *88) combined cannot exceed 1 minute for SIA installations.

***12** EXIT DELAY #2 [08] ☐☐

00, 02-15 times 15 seconds.
Maximum 04 for UL installations.
**NOTE:** When a GUI is used, the GUI exit delay will always follow Exit Delay #2 even if Exit Delay #2 is not used.
Minimum 60 seconds “04” for SIA installations.

***13** ALARM SOUNDER DURATION [03] ☐☐

01-15 times 2 minutes.
Must be minimum 16 minutes for UL installations. Must be minimum 6 minutes for SIA installations.

***16** 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 UL installations.

***22** TOUCHPAD PANIC ENABLES [101] ☐☐☐

1=enable; 0=disable 995 996 999

***29** QUICK ARM [1] ☐

1=yes; 0=no

***32** PRIM. SUBS. ACCT # ☐☐☐☐

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

***38** PREVENT ZONE XXX BYPASS [000] ☐☐☐

001-128; 000 if all zones can be bypassed

***39** ENABLE OPEN/CLOSE REPORT [0] ☐
FOR INSTALLER CODE
1=enable; 0=disable

***84** SWINGER SUPPRESSION [01] ☐☐

01= 1 alarm
**NOTE:** Fire zones are exempt from this requirement.
Must be "00" (disabled) for UL installations.

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

1=enable; 0=disable. [1 0 1 1] ☐☐☐☐
995 996 999 Duress

***87** ENTRY WARNING [1] ☐

1=continuous; 0=3 beeps

***88** ABORT WINDOW [2] ☐

1=15 seconds; 2=30 seconds; 3=45 seconds
Must be “2” 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.

**1*19** ARMS LOBBY [0] ☐

Enter 1 if arming this partition attempts to arm lobby; enter 0 if it does not

**1*26** PANIC BUTTON OR SPEEDKEY

[00, 00, 00, 00] ☐☐☐☐
A B C D

Enter speedkey macro # (01-35) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # or 00 to select macro when key is pressed.

**1*43** PERM. TOUCHPAD BACKLIGHT [0] ☐

1=enable; 0=disable When disabled, display lights when any key is pressed, and turns off after period of touchpad inactivity.

**1*47** CHIME ON BELL 1 [0] ☐

1=enable; 0=disable

**1*76** ACCESS 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 UL 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 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 re-enters the premises to retrieve a forgotten item.

**2*10** ALLOW DISARMING ONLY DURING ARMING/DISARMING WINDOWS [0]

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 [1]

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

**2*20** ENABLE J7 TRIGGERS BY PARTITION [1]

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

**2*22** DISPLAY FIRE ALARMS OF OTHER PARTITIONS [1]

0=No; 1=Yes

**2*23** DISPLAY BURG/PANIC ALARMS OF OTHER PARTITIONS [0]

0=No; 1=Yes

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

0=No; 1=Yes

**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.

**UL** For UL installations, verify that the audio alarm verification feature is disabled.

**#93 MENU MODE KEY COMMANDS**

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

| | |
|---|---|
| #93 | Enters Menu mode |
| [Q] | Serves as ENTER key. Press to have touchpad 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 |
|---|---|
| ZONE PROG?<br>1 = YES 0 = NO 0 | For programming the following:<br>• Zone Number<br>• Zone Response Type<br>• Partition Number for Zone<br>• Dialer report code for zone<br>• Input Device Type for zone (whether RF, polling loop, etc.)<br>• Enrolling serial numbers of 5800 Series transmitters and serial polling loop devices into the system.<br>• Zone Attributes (e.g., Arm w/Fault, Silent, etc.) |
| EXPERT MODE?<br>1 = YES 0 = NO 0 | Same as Zone Programming except:<br>• Done with a minimum number of keystrokes.<br>• Can program wireless keys using pre-defined templates.<br>**NOTE:** Be aware some of the zone attributes cannot be programmed in the Expert Mode. These can only be done in Zone Programming. |
| REPORT CODE PROG?<br>1 = YES 0 = NO 0 | For programming the following:<br>• Alarm report codes for zones<br>• Restore and supervisory codes<br>• All other system report codes |
| ALPHA PROG?<br>1 = YES 0 = NO 0 | For entering alpha descriptors for the following:<br>• Zone Descriptors<br>• Installer's Message<br>• Custom Words<br>• Partition Descriptors<br>• Relay Descriptors |
| DEVICE PROG?<br>1 = YES 0 = NO 0 | For defining the following device characteristics for addressable devices, including touchpads, RF receivers (5881), output relay modules (4204/4204CF), FSA modules, 4286 VIP Module, ECP Long Range Radio (7845GSM), Panel Link module, and VISTA gateway module:<br>• Device Address<br>• Device Type<br>• Touchpad Options (incl. partition assignment)<br>• RF House ID<br>• LRR Options (incl. programming radio)<br>• Panel Linking Options |

| PROMPT | EXPLANATION |
|---|---|
| OUTPUT PGM?<br>1 = YES 0 = NO 0 | For defining output relay functions. |
| RLY VOICE DESCR?<br>1 = YES 0 = NO 0 | For entering voice descriptors for relays to be used with the 4286 VIP Module. |
| CUSTOM INDEX ?<br>1 = YES 0 = NO 0 | For creating custom word substitutes for VIP Module annunciation. |
| ACCESS POINT PGM<br>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 *VistaKey-SK Installation and Setup Guide* for the detailed programming instructions. |
| ACCESS GRP PGM<br>1 = YES 0 = NO 0 | For defining the capabilities (privileges) for each group of users. See the *VistaKey-SK Installation and Setup Guide* for the detailed programming instructions. |
| EVENT/ACTION PGM<br>1 = YES 0 = NO 0 | For defining events and time windows for an access group. See the *VistaKey-SK Installation and Setup Guide* for the detailed programming instructions. |
| SCHEDULED CHK-IN<br>1 = YES 0 = NO 0 | For defining the schedule for the system to automatically call the downloader. |

## Zone Programming

If using 5800 Series transmitters, do not the 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.

**UL** In UL985 household fire installations, zone 1 is the only hardwired zone that may be used for fire. Polling loop/wireless zones programmed as fire are not affected.

**NOTE:** Upon a total power failure, the control unit will ignore and not transmit alarm supervisory information for a stabilization period of 120 seconds following restoration of power.

| PROMPT | EXPLANATION |
|---|---|
| ZONE PROG?<br>1 = YES 0 = NO 0 | Press **1** to enter ZONE PROGRAMMING mode. The following screens appear. Press [✱] to display the next screen. Press # to display a previous screen. |
| SET TO CONFIRM?<br>1 = YES 0 = NO 0 | This prompt appears once upon entering Zone Programming Mode.<br>If "Yes," Confirmation prompts will be displayed after the device's Serial and Loop numbers have been entered later. |
| ENTER ZONE NO.<br>000 = QUIT 010<br>Zone 010 entered ↑ | Enter the 3-digit zone number to be programmed, as follows:<br>Protection Zones = 001–128<br>Relay Zones = 601–632 (use for relays on 4204CF modules only).<br>ECP Device Supervisory Zones = 800–830<br>System Supervisory Zones = 970 (bell supervision), 988, 990 (RF receiver), 992 (duress), 997 (polling loop)<br>Touchpad Panic Zones = 995, 996, 999<br>**NOTE:** When supervising the bell output (zone 970), only one device can be connected to the alarm output (terminals 4 and 5) for UL and Fire installations.<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| 010 ZT P RC In L<br>00 1 10 00 1 | 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.<br>Some devices can support more than one zone by means of individual loops (for example, 5801, 5804, 5816, 5817, 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. |
| 010 ZONE TYPE<br>PERIMETER 03<br><br>Zone number 010 and Zone Type 03 entry shown<br><br>† 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.<br><br>**NOTE:** When supervising the bell output (zone 970), only one device can be connected to the alarm output (terminals 4 and 5) for UL and Fire installations. | 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 *Zone Type Definitions* section in the *VISTA-128BPEN Installation and Setup Guide* for detailed definitions of each zone type. Enter the zone type desired (or change it, if necessary). Available zone types are listed below.<br>**NOTE: If changing a zone type, make sure you delete the previous zone and reprogram the entire zone.**<br>00 = Assign for Unused Zones<br>01 = Entry/Exit #1, Burglary<br>02 = Entry/Exit #2, Burglary<br>03 = Perimeter, Burglary<br>04 = Interior Follower, Burglary<br>05 = Trouble Day/Alarm Night<br>06 = 24 Hr. Silent Alarm<br>07 = 24 Hr. Audible Alarm<br>08 = 24 Hr. Auxiliary (Not for Medical Use)<br>09 = Fire Without Verification<br>10 = Interior Delay, Burglary<br>12 = Panel Link Supervision<br>14 = CO Detector Alarm<br>16 = Fire With Verification<br>20 = Arm–STAY†<br>21 = Arm AWAY†<br>22 = Disarm†<br>23 = No Alarm Response (e.g., relay activation)<br>27 = Access Point<br>28 = MLB Supervision (if VGM installed)<br>29 = Momentary Exit (used with VistaKey module)<br>**ADT Zone Defaults**<br>Zone 001: 09 · Zone 002: 01 · Zone 003: 01 · Zone 004: 10 · Zone 005: 10 · Zone 006: 01 · Zone 007: 01 · Zone 008: 01 · Zone 009: 01 · Zone 010–128: 00 · Zone 601-632: 00 · Zone 800-830: 00 · Zone 970: 05 · Zone 988: 00 · Zone 990: 00 · Zone 992: N/A · Zone 995: 09 · Zone 996: 00 · Zone 997: 05 · Zone 999: 07<br>**NOTES:**<br>Zone 992 is the Duress zone. Programming of the zone response type is not applicable. This zone requires only the report code programming.<br>Zones 004 and 005 are defaulted with Auto-STAY enabled.<br>**All zones are enabled to report alarms, alarm restores, trouble, and trouble restores to the central station.**<br>Press [✱] to continue. |
| 010 Arm w/ Fault?<br>1 = YES 0 = NO 0 | **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. |
| 010 Force Arming?<br>1 = YES 0 = NO 0 | **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.<br>If you enter **0** to disable and the zone is faulted at the end of exit delay, an alarm occurs.<br>**NOTE:** Force Arming cannot be enabled for UL installations. |
| 010 Vent zone ?<br>1 = YES 0 = NO 0 | **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.<br>**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.<br>Enter **0** to disable.<br>Press [✱] to continue. |
| 010 Vent Re-arm ?<br>1 = YES 0 = NO 1 | **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).<br>Enter **0** to disable. The zone is bypassed for the duration of the armed period regardless of the zone status.<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| 010 STAY MODE<br>None 0 | **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).**<br>0 = None. The zone is not bypassed when the partition is armed STAY.<br>1 = Stay 1. The zone is automatically bypassed when the user enters **[User Code]** + **[3]** (STAY) + **[1]**.<br>2 = Stay 2. The zone is automatically bypassed when the user enters **[User Code]** + **[3]** (STAY) + **[2]**.<br>**NOTES:**<br>0 (None) cannot be selected for response types 4 and 10.<br>Response types 4 and 10 are defaulted for STAY mode 1.<br>If the user enters **[User Code]** + **[3]** (STAY) + **[3]**, all zones assigned to Stay mode 1 and 2 in the partition are automatically bypassed.<br>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.<br>Press [✱] to continue. |
| 010 Auto-stay ?<br>1 = YES 0 = NO 0 | **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). Zone type 04 (interior follower) has this feature enabled by default.<br>Enter **0** to disable.<br>**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.<br>Press [✱] to continue. |
| 010 Silent ?<br>1 = YES 0 = NO 1 | **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 touchpad sounder do not sound and the touchpad does not display the alarm condition.<br>Enter **0** to disable.<br>Press [✱] to continue. |
| 010 Bypass Group<br>01-15 01 | **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).<br>Enter **00** for None.<br>Press [✱] to continue. |
| 010 ACCESS POINT<br>(00-31) 01 | **If response type 27, or 29 was selected**, this prompt will be displayed. Enter the access point to be controlled by the response type **(00-31 for type 27; 01-15 for type 29)**.<br>**NOTE:** If you are using the VistaKey module, the access point must match the address that was set in the module.<br>Press [✱] to continue. |
| 010 ENTRY OR EXIT<br>0 | **If response type 27, or 29 was selected**, this prompt will be displayed. Enter whether the access point is an entry or exit point.<br>**0** = entry; **1** = exit<br>Press [✱] to continue. |
| 010 Panel ID#<br>(01-08) 01 | **If you selected response type 12**, this prompt appears. Enter the panel ID#. This ID # must match the ID # programmed in Device Programming.<br>Press [✱] to accept entry. |
| 010 Partition<br>1 | Enter the partition number **(1–8)** you are assigning this zone to.<br>Press [✱] to continue. |
| 010 Abort Window<br>1 = YES 0 = NO 1 | 0 = No abort window.<br>1 = Yes, use abort window according to field *88 selection. |
| 010 Swinger Sup?<br>1 = YES 0 = NO 1 | 0 = No suppression.<br>1 = Yes, suppress alarms according to field *84 selection. |

| PROMPT | EXPLANATION |
|---|---|
| 010 REPORT CODE<br>1st 03 2nd 12 3C | 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."<br>(Refer to the *System Communication* section in the *Installation and Setup Guide* for more information about report codes and reporting formats.)<br>Press [✱] to continue. |
| 010 INPUT TYPE<br>RF Xmitter 3<br><br>**Input types 4 & 5 are valid for certain 5800 Series transmitters only (e.g., 5801, 5802, 5802CP & 5803).**<br>**If using input type 02 with a door/window type transmitter, only loop 1 may be used.**<br>**Input type 10 is applicable only if PassPoint ACS is installed with the VISTA Gateway Module.**<br>**If you selected response type 12, 28, or 29 the input type MUST be 00.** | Enter the input device type as follows:<br>00 = not used<br>01 = hardwired<br>02 = RF motion (RM type)<br>03 = supervised RF transmitter (RF type)<br>04 = unsupervised RF transmitter (UR type)<br>05 = RF button-type transmitter (BR type)<br>06 = serial number polling loop device (SL type)<br>07 = DIP switch-type polling loop device<br>08 = right loop of DIP switch type device<br>09 = touchpad input (code + #73)<br>10 = PassPoint ACS input<br>11 = VistaKey Door Status Monitor (DM)<br>12 = VistaKey Request to Exit (RE)<br>13 = VistaKey General Purpose (GP)<br>Right loops refer to the use of the right loop on a 4190WH Zone Expander Module and/or 4278 PIR, which allow hardwired devices to be monitored by the polling loop.<br>If you are programming hardwired or DIP switch polling loop devices, the summary display appears after completing this entry.<br>**NOTE:** Input types 11 (DM), 12 (RE), and 13 (GP) should only be used with VistaKey modules.<br>Press [✱] to continue. |
| 001 Tamper Option<br>none 0 | **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.<br>Enter **1** if the tamper switch is normally closed (wired in series) with the EOL resistor.<br>Enter **2** if the tamper switch is normally open (wired in parallel) with the EOL resistor.<br>Enter **0** if a tamper switch is not being used in the loop.<br>**NOTE: For zone response types 9 or 16 (Fire), the tamper selection must be "0" none.** |
| 010 V-PLEX RELAY?<br>1 = YES 0 = NO | **If you selected input type 6**, this prompt is displayed. Enter **1** if using a 4101SN Relay Module for this zone. Otherwise enter **0**.<br>Press [✱] to continue. |
| 010 CONS ECP ADDR<br>(00-30) 01 | **If you selected input type 09**, this prompt is displayed. Enter the ECP address of the touchpad that is being used for entry/exit for this access point **(00-30)**.<br>Press [✱] to continue. |
| 010 ACS ZONE #<br>(00-31) 01 | **If you selected input type 10**, this prompt is displayed. Enter the PassPoint ACS zone ID that this VISTA zone maps to **(00-31)**.<br>Press [✱] to continue. |
| 010 ACCESS POINT<br>(01-15) 01 | **If you selected input types 06, or 11 – 13**, this prompt is displayed. Enter the access point **(01-15)** to be controlled by the input type.<br>**NOTE: For input type 06, the selected address must be 00.**<br>**NOTE:** If you are using the VistaKey module, the access point must match the address that was set in the module.<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| 010 INPUT S/N: L<br>AXXX-XXXX 1 | **For Serial Number entry and Loop Number entry, do one of the following:**<br>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.<br>OR<br>b. Manually enter the 7-digit serial number printed on a label on the transmitter, using the Alpha touchpad. 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 [✱].<br>OR<br>c. Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops).<br>Press [✱] to accept. |
| 010 INPUT S/N: L<br>A022-4064 1 | The cursor will then move to the Loop column (L) with the previously entered/transmitted serial number displayed.<br>Enter the loop number (refer to 5800 Series Transmitters Loop Designations below).<br>**To Delete an Existing Serial Number,** enter "**0**" in the loop number field. The serial number will change to "0"s.<br>If "0" was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display.<br>Press [✱] to accept. |
| 010 INPUT S/N: L<br>A022-4064 1 | The system will then check for a duplicate serial/loop number combination.<br>If a duplicate serial/loop number combination is found, the touchpad 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.<br>If the serial/loop number combination is not a duplicate in the system, a display appears showing the serial number and loop number entry.<br>Press [✱] to continue. |

## 5800 Series Transmitters Loop Designations

| PROMPT | EXPLANATION |
|---|---|
| XMIT TO CONFIRM<br>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 touchpad to save the serial and loop number combination without confirming. |
| Entd A022-4063 1<br>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.<br>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<br>03 1 3C RF 1s | If the serial number transmitted <u>does</u> match the serial number entered, the system beeps three 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.<br>Press [✱] to accept the zone information. |
| ENTER ZONE NO.<br>000 = QUIT 011 | The system now returns to the "ENTER ZONE NO." prompt for the next zone.<br>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?<br>1 = YES 0 = NO 0 | Press **1** to enter Expert mode. |
| SET TO CONFIRM?<br>0 = NO 1 = YES 0 | This prompt appears once upon entering Expert Mode.<br>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<br>001 03 1 10 HW - | A summary display appears, showing zone 1's current programming or default values. |
| Zn ZT P RC In L<br>010 03 1 10 RF 1s | Enter the desired 3-digit zone number and press [✱].<br>**NOTE:** If you want to exit the Expert mode, enter "000" + [✱].<br>If an "s" appears after the loop number, it indicates that the transmitter's serial number has been enrolled.<br>Use the [D] key to enter and duplicate wireless keys (see "Entering Wireless Keys" later) |
| Zn ZT P RC In L<br>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).<br>ZT = Zone Type<br>P = Partition<br>RC = Report Code<br>In = Input Device Type<br>L = Loop number to which the sensor is connected.<br>**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.**<br>**On this screen:**<br>• Use the [A] key to move to the right.<br>• Use the [B] key to move to left and to back up to "ZT" field.<br>Press [✱] to accept the existing or newly-entered zone information. |

| PROMPT | EXPLANATION |
|---|---|
| ZN B M V A C E AD<br>010 – – 1 0 1 1 01 | 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.<br>B = Not Applicable<br>M = Not Applicable<br>V = V-plex Relay? (only used if "In" = 6)<br>AC = Access Point (only used if ZT = 27, 29 or In = 6, 11, 12, 13)<br>E = Entry or Exit? (only used if ZT = 27)<br>AD = Address (only used if "In" = 9 or 10)<br>If "In" = 9, enter the Device Address<br>If "In" = 10, enter the PassPoint Zone Number<br>**NOTE: Pressing the [C] copies the zone attributes from the last saved zone. Verify the attributes for this zone are correct.**<br>**On this screen:**<br>• Use the [A] key to move to the right.<br>• Use the [B] key to move to left and to back up to "V" field.<br>Press [✱] to accept existing information. |
| 010 INPUT S/N: L<br>A XXX-XXXX - | 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.<br>Enter the 7-digit serial number, using one of the following methods:<br>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.<br>OR<br>b. Manually enter the 7-digit serial number printed on a label on the transmitter, using the alpha touchpad. 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 [✱].<br>OR<br>c. Press key [C] to copy the last serial number enrolled (used when programming a transmitter with several input loops).<br>Remember, you can use the [A] key to move to the right or the [B] key to move to the left.<br>You can also use the [#] key to back up without saving. |
| 010 INPUT S/N: L<br>A022-4064 1 | Press [✱] to accept the serial number and advance to the "L" position (if method "a" or "c" was used), then enter the loop number.<br>If necessary, press the [#] key to back up without saving, and re-enter or edit the serial number before pressing [✱] to save<br>The system checks for a duplicate. If a duplicate serial/loop number combination is found, the touchpad 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. |
| 010 INPUT S/N: L<br>A000-0000 1 | **To Delete an Existing Serial Number**, enter "**0**" in the loop number field. The serial number will change to "0"s.<br>If "0" was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display. |
| XMIT TO CONFIRM<br>PRESS ✱TO SKIP | The prompt to confirm appears. This prompt only appears if you answered "Yes" at the "SET TO CONFIRM?" prompt.<br>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 touchpad to save the serial and loop number combination without confirming. |
| Entd A022-4063 1<br>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 also is displayed.<br>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.<br>Activate the button on the wireless key again after re-entering the serial number. |
| Zn ZT P RC In L<br>011 00 1 10 00 1 | **If the serial number transmitted <u>matches</u> the serial number entered,** the system beeps three times and advances to the summary display for the next zone's programming.<br>After all the zones have been programmed, enter **000** for the zone number 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.**

**Entering Wireless Keys**

If you pressed the D key previously to enter defaults for 5804 and/or 5804BD wireless keys, the following screens appear:

| PROMPT | EXPLANATION |
|---|---|
| FROM TEMPLATE<br>1–6 1 | Enter template number (1–6).<br>1–3 = 5804 templates; 4–6 = 5804BD templates. See the defaults provided for each template in the chart that follows these procedures.<br>Select from templates. Press [✱] to display template (template 1 shown selected).<br>**NOTE**: If necessary, press [#] to back up and re-enter template number.<br>Press [#] if you want to return to zone attributes screen. |
| L 01 02 03 04<br>ZT 23 22 21 23 1 | When you press [✱], the selected template is displayed.<br>Top line of display represents loop numbers; bottom line represents zone type.<br>Press [✱] to accept template. |
| PARTITION<br>1 | Enter partition number for wireless key.<br>Press [✱] to continue. |
| ENTER ZONE NO<br>000 = QUIT 024<br>▲<br>Example of zone number suggested by the system. This indicates that zones 24, 25, 26, and 27 are available. | The system searches for the highest available, consecutive 4-zone group (the four zones required for the 5804 and 5804BD), and displays the lowest zone number of the group.<br>If you want to start at a different zone number, enter the zone desired and press [✱].<br>If that zone number is displayed, the system has the required number of consecutive zones available, beginning with the zone you entered. If not, the system again displays a suggested zone that can be used.<br>If the required number of consecutive zones is not available at all, the system will display "000."<br>Press [✱] to accept. |
| 024 INPUT S/N L<br>AXXX-XXXX 1 | **To enter the serial number:**<br>Press and release a button on the wireless key.<br>OR<br>Manually enter the 7-digit serial number printed on the device's label.<br>Press [✱] to accept serial number. The system checks for a duplicate.<br>If a duplicate exists, a long error beep will sound and the serial number reverts to all "X"s allowing you to re-enter the serial number.<br>Use the [A] key to move forward within the screen, and the [B] key to back up. |
| XMIT TO CONFIRM<br>PRESS ✱TO SKIP | If you entered YES previously at the SET TO CONFIRM prompt (see first prompt following entry into the **Expert Programming Mode**), the display on the left appears.<br>To confirm, activate the button on the wireless key that corresponds to this zone. |
| Entd A022-4063<br>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.<br>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 and then enter the correct serial number.<br>Activate the button on the wireless key again after re-entering the serial number. |
| ENTER ZONE NO<br>000 = QUIT 028 | **If the serial number transmitted <u>matches</u> the serial number entered,** the system will beep three times and revert to the "Start Zone No." prompt and will show the lowest numbered zone of the next available 4-zone group (4 consecutive zones) that is available for programming.<br>After all the wireless keys have been entered, enter **000** for the zone number 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.**

## Wireless Key Default Templates

| 5804 | | | | 5804BD | | | |
|---|---|---|---|---|---|---|---|
| **Template 1** | **Loop** | **Function** | **Zone Type** | **Template 4** | **Loop** | **Function** | **Zone Type** |
| | 1 | No Response | 23 | | 1 | No Response | 23 |
| | 2 | Disarming | 22 | | 2 | No Response | 23 |
| | 3 | Arm AWAY | 21 | | 3 | Arm AWAY | 21 |
| | 4 | No Response | 23 | | 4 | Disarming | 22 |
| **Template 2** | **Loop** | **Function** | **Zone Type** | **Template 5** | **Loop** | **Function** | **Zone Type** |
| | 1 | No Response | 23 | | 1 | No Response | 23 |
| | 2 | Disarming | 22 | | 2 | Arm STAY | 20 |
| | 3 | Arm AWAY | 21 | | 3 | Arm AWAY | 21 |
| | 4 | Arm STAY | 20 | | 4 | Disarming | 22 |
| **Template 3** | **Loop** | **Function** | **Zone Type** | **Template 6** | **Loop** | **Function** | **Zone Type** |
| | 1 | 24-Hour Panic | 07 | | 1 | 24-Hour Panic | 07 |
| | 2 | Disarming | 22 | | 2 | Arm STAY | 20 |
| | 3 | Arm AWAY | 21 | | 3 | Arm AWAY | 21 |
| | 4 | Arm STAY | 20 | | 4 | Disarming | 22 |

## 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. The 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<br>Trouble<br>Trouble Restore<br>Bypass<br>Bypass Restore | Closing (arm AWAY)<br>Opening (disarm)<br>System Low Battery<br>Low Battery Restore<br>AC Loss<br>AC Restore<br>Periodic Test<br>Power Up<br>Cancel<br>Program Tamper |

| SYSTEM GROUP #2 | SYSTEM GROUP #3 | SYSTEM GROUP #4 |
|---|---|---|
| Arm STAY<br>Time Set, Log Reset<br>Dialer Queue Overflow<br>Exit Error by Zone<br>Recent Close | Early Open<br>Early Close<br>Late Open<br>Late Close<br>Failed to Open<br>Failed to Close<br>Auto-Arm Failed<br>Schedule Change | Walk-Test Start<br>Walk-Test End |

**NOTE:** The following reports are enabled with the ADT defaults: Alarm, Alarm Restore, Trouble, Trouble Restore, System Low Battery, Low Battery Restore, Periodic Test, Power-Up, Cancel, Program Tamper, Exit Error by Zone, and Recent Close. All other non-alarm report codes are disabled.

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. 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<br>1 = YES 0 = NO 0 | Press 1 (Y) to enter to *Report Code Programming*. |

**Zone Alarm Reports**

| PROMPT | EXPLANATION |
|---|---|
| ALARM, ID DIGIT?<br>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.<br>000 = QUIT 001 | Enter the zone number for which you are entering the report code.<br>Press [✱] to continue. |
| 001 REPORT CODE<br>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.<br>Press [✱] to continue. |
| ENTER ZONE NO.<br>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.<br>Press [✱] to continue. |
| QUIT REPORT MENU<br>1 = YES 0 = NO 0 | If you have completely finished entering report codes, press **[1]** (Y) to quit *Report Code Programming*. If you wish to enter other system report codes, enter **0** (N).<br>Press [✱] to continue. |

**Restore/Supervisory Codes**

| PROMPT | EXPLANATION |
|---|---|
| RESTR, SUPV. CODE<br>1 = YES 0 = NO 0 | Press **[1]** (Y) to enter Restore and Supervisory Codes for zones. |
| ENTER ZN FOR GRP<br>000 = QUIT 001 | Enter one zone for each group of 16 zones (001-016, 017-032, etc.). |
| ALARM RESTORE<br>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).<br>Press [✱] to continue. |
| TROUBLE<br>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).<br>Press [✱] to continue. |
| TROUBLE RESTORE<br>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).<br>Press [✱] to continue. |
| BYPASS<br>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).<br>Press [✱] to continue. |
| BYPASS RESTORE<br>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).<br>Press [✱] to continue. |
| ENTER ZN FOR GRP<br>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**.<br>Press [✱] to continue. |
| QUIT REPORT MENU<br>1 = YES 0 = NO 0 | If you have completely finished entering report codes, press **[1]** (Y) to quit *Report Code Programming*. If you wish to enter other system report codes, enter **0** (N).<br>Press [✱] to continue. |

**System Group #1 Codes**

| PROMPT | EXPLANATION |
|---|---|
| SYSTEM GROUP #1?<br>1 = YES 0 = NO 0 | To enter System Group #1 codes, press **1** (Y). |
| CLOSE<br>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).<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| | Enter the rest of the codes in the same manner. Other report codes in System Group #1 are:<br>• Opening (Disarm) Also, enable this if you desire Callback Requested reports (the panel answers a phone call from the downloader).<br>• System Low Battery<br>• Low Battery Restore<br>• AC Loss<br>• AC Restore<br>• Periodic Test<br>• Power<br>**NOTE:** Upon a total power failure, the control unit will ignore and not transmit alarm supervisory information for a stabilization period of 120 seconds following restoration of power. Within 60 seconds at the end of the stabilization period, the control unit shall initiate the transmission of a power restoration signal code. If this report code is enabled, this is the report that will be sent.<br>• Cancel – Starting at the end of the Abort Window the period of time in which a user can cancel the alarm is 5 minutes. If an alarm has been previously transmitted, a cancel signal is transmitted if either the alarm system is disarmed or both a disarm and a function key is depressed during the Cancel Window. Additionally, when an alarm cancel has been sent on the keypad within the 5 minutes, the bell will ding momentarily.<br>• Program Tamper<br>Once you have entered these report codes, the system prompts you with the Quit menu. |
| QUIT REPORT MENU<br>1 = YES 0 = NO 0 | If you have completely finished entering report codes, press **1** (Y) to quit *Report Code Programming*. If you wish to enter other system report codes, enter **0** (N).<br>Press [✱] to continue. |

**System Group #2 Codes**

| PROMPT | EXPLANATION |
|---|---|
| SYSTEM GROUP #2 ?<br>1 = YES 0 = NO 0 | To enter System Group #2 codes, press **[1]** (Y). |
| STAY<br>1st 00 2nd 00 | 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).<br>Press [✱] to continue. |
| | Enter the rest of the codes in the same manner. Other codes in System Group #2 are:<br>• Time Set, Log Reset<br>• Dialer Queue Overflow<br>• Exit Error by Zone<br>• Recent Close – A Recent Closing transmission is sent if an alarm occurs within 2 minutes of the expiration of the Exit Time. The user number is included in the Recent Closing transmission when available.<br>Once you have entered these report codes, the system prompts you with the Quit menu. |
| QUIT REPORT MENU<br>1 = YES 0 = NO 0 | If you have completely finished entering report codes, press **[1]** (Y) to quit *Report Code Programming*. If you wish to enter other system report codes, enter **0** (N).<br>Press [✱] to continue. |

**System Group #3 Codes**

| PROMPT | EXPLANATION |
|---|---|
| SYSTEM GROUP #3 ?<br>1 = YES 0 = NO 0 | To enter System Group #3 codes, press **[1]** (Y). |
| EARLY OPEN<br>1st 00 2nd 00 | 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).<br>Press [✱] to continue. |
| | Enter the rest of the codes in the same manner. Other codes in System Group #3 are:<br>• Early Close<br>• Late Open<br>• Late Close<br>• Failed to Open<br>• Failed to Close<br>• Auto-Arm Failed<br>• Schedule Change<br>Once you have entered these report codes, the system prompts you with the Quit menu. |
| QUIT REPORT MENU<br>1 = YES 0 = NO 0 | If you have completely finished entering report codes, press **[1]** (Y) to quit *Report Code Programming*. If you wish to enter other system report codes, enter **0** (N)<br>Press [✱] to continue. |

**System Group #4 Codes**

| PROMPT | EXPLANATION |
|---|---|
| SYSTEM GROUP #4 ?<br>1 = YES 0 = NO 0 | To enter System Group #4 codes, press **[1]** (YES). |
| WALK TEST START<br>1st 00 2nd 00 | Enter the first digit of the Walk Test Start Report Code. Press **[✱]**. Enter the second digit of the report code.<br>Press **[✱]** to continue. |
| | Enter the rest of the codes in the same manner. Other codes in System Group #4 are:<br>• Walk-Test End.<br>Once you have entered these report codes, the system prompts you with the Quit menu. |
| QUIT MENU MODE?<br>1 = YES 0 = NO 0 | Enter **1** to exit back to normal Programming mode. Enter **0** to stay in Menu mode. |

## Alpha Descriptors Programming

You can program a user-friendly English language description/location for all protection zones, relays, touchpad 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 touchpad.

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. |
   | MACRO DESCRIP? | For entering macro descriptors. |
   | 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 touchpad 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][3] 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 #057) 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 touchpad.

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

Part or all of the 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 touchpad 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 245 to 304 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).

**Macro Descriptors**

1. **Select "MACRO DESCRIPT." 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 macro number (01-32) you want to create.**
   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 macro descriptor.**
   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 "MACRO DESCRIPT?" display.
6. **Repeat steps 2 through 6 to create up to a maximum of 32 macro descriptors.**
7. **Exit Macro Descriptor Mode by entering 00 at the "MACRO DESCRIPT." prompt.**

## 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)*
• **001 AIR**
• ***002 ALARM*** ✳
003 ALCOVE
004 ALLEY
005 AMBUSH
• **006 AREA**
• **007 APARTMENT**
008 ART
• ***009 ATTIC*** ✳
010 AUDIO
011 AUXILIARY
• ***012 BABY*** ✳
• ***013 BACK*** ✳
• **014 BAR**
015 BARN
• ***016 BASEMENT*** ✳
• ***017 BATHROOM*** ✳
• **018 BED**
• ***019 BEDROOM*** ✳
020 BELL
• **021 BLOWER**
• **022 BOILER**
023 BOTTOM
024 BOX
025 BREAK
• **026 BUILDING**
027 BURNER
028 CABINET
• **029 CALL**
030 CAMERA
031 CAR
032 CASE
033 CASH
034 CCTV
035 CEILING
036 CELLAR
• **037 CENTRAL**
038 CIRCUIT
039 CLIP
• ***040 CLOSED*** ✳
041 COIN
042 COLD
043 COATROOM
044 COLLECTION
045 COMBUSTION
• **046 COMPUTER**
047 CONTACT
• **048 DAUGHTERS**
049 DELAYED
• ***050 DEN*** ✳
051 DESK
• ***052 DETECTOR*** ✳
• ***053 DINING*** ✳
054 DISCRIMINATOR
055 DISPLAY
056 DOCK
• ***057 DOOR*** ✳
058 DORMER
• **059 DOWN**
• **060 DOWNSTAIRS**
061 DRAWER
• **062 DRIVEWAY**
063 DRUG
• **064 DUCT**
• **065 EAST**
066 ELECTRIC
*067 EMERGENCY* ✳
068 ENTRY
• **069 EQUIPMENT**
070 EXECUTIVE
• ***071 EXIT*** ✳
072 EXTERIOR
• **073 FACTORY**
074 FAILURE
075 FAMILY
• **076 FATHERS**
• **077 FENCE**
078 FILE
***079 FIRE*** ✳
• ***080 FLOOR*** ✳
081 FLOW
082 FOIL
• **083 FOYER**
084 FREEZER
• ***085 FRONT*** ✳
086 FUR
087 FURNACE
088 GALLERY
• ***085 FRONT*** ✳
• **090 GAS**
091 GATE
• **092 GLASS**
093 GUEST
*094 GUN* ✳
• ***095 HALL*** ✳
• **096 HEAT**
097 HIGH
098 HOLDUP
*099 HOUSE* ✳
100 INFRARED
• ***101 INSIDE*** ✳
102 INTERIOR
103 INTRUSION
104 JEWELRY
• ***105 KITCHEN*** ✳
• ***106 LAUNDRY*** ✳
• **107 LEFT**
108 LEVEL
• ***109 LIBRARY*** ✳
• **110 LIGHT**
111 LINE
112 LIQUOR
• ***113 LIVING*** ✳
• **114 LOADING**
115 LOCK
116 LOOP
117 LOW
• **118 LOWER**
• **119 MACHINE**
120 MAGNETIC
121 MAIDS
*122 MAIN* ✳
• ***123 MASTER*** ✳
124 MAT
• ***125 MEDICAL*** ✳
126 MEDICINE
127 MICROWAVE
128 MONEY
129 MONITOR
• **130 MOTHERS**
• ***131 MOTION*** ✳
132 MOTOR
133 MUD
• **134 NORTH**
135 NURSERY
• ***136 OFFICE*** ✳
137 OIL
• ***138 OPEN*** ✳
139 OPENING
• **140 OUTSIDE**
141 OVERFLOW
142 OVERHEAD
143 PAINTING
• ***144 PANIC*** ✳
145 PASSIVE
• ***146 PATIO*** ✳
147 PERIMETER
• **148 PHONE**
149 PHOTO
150 POINT
*151 POLICE* ✳
*152 POOL* ✳
• **153 POWER**
154 QUAD
155 RADIO
• **156 REAR**
157 RECREATION
158 REFRIG
159 REFRIGERATION
160 RF
• **161 RIGHT**
• ***162 ROOM*** ✳
163 ROOF
164 SAFE
165 SCREEN
166 SENSOR
• **167 SERVICE**
• ***168 SHED*** ✳
169 SHOCK
• ***170 SHOP*** ✳
171 SHORT
172 SHOW
• ***173 SIDE*** ✳
174 SKYLIGHT
*175 SLIDING* ✳
• ***176 SMOKE*** ✳
177 SONIC
• **178 SONS**
• **179 SOUTH**
180 SPRINKLER
181 STAMP
• **182 STATION**
183 STEREO
184 STORE
• ***185 STORAGE*** ✳
186 STORY
187 STRESS
188 STRIKE
189 SUMP
*190 SUPERVISED* ✳
191 SUPERVISION
192 SWIMMING
193 SWITCH
194 TAMPER
195 TAPE
196 TELCO
197 TELEPHONE
198 TELLER
• **199 TEMPERATURE**
200 THERMOSTAT
• **201 TOOL**
202 TRANSMITTER
203 TRAP
204 ULTRA
• **205 UP**
• **206 UPPER**
• ***207 UPSTAIRS*** ✳
• **208 UTILITY**
209 VALVE
210 VAULT
211 VIBRATION
212 VOLTAGE
213 WALL
214 WAREHOUSE
215 WASH
• **216 WEST**
• ***217 WINDOW*** ✳
218 WINE
• **219 WING**
220 WIRELESS
221 WORK
222 XMITTER
*223 YARD* ✳
224 ZONE (No.)
• ***225 ZONE*** ✳
• ***226 0*** ✳
• ***227 1*** ✳
• ***228 1ST*** ✳
• ***229 2*** ✳
• ***230 2ND*** ✳
• ***231 3*** ✳
• ***232 3RD*** ✳
• ***233 4*** ✳
• **234 4TH**
• ***235 5*** ✳
• **236 5TH**
• ***237 6*** ✳
• **238 6TH**
• ***239 7*** ✳
• **240 7TH**
• ***241 8*** ✳
• **242 8TH**
• ***243 9*** ✳
• **244 9TH**
245 Custom Word 1
to
304 Custom Word 60

### 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 | | |

**NOTES:** 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.

Words *italicized* followed by an asterisk indicate those words supported by the 6160ADT Voice touchpad.

## Device Programming

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

Device Address **00** is always set as an alpha touchpad 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 |
|---|---|
| DEVICE PROG?<br>1=YES 0=NO 0 | Press **[1]** to enter *Device Programming*. |
| DEVICE ADDRESS<br>01-30, 00=QUIT 01 | 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).**<br>**NOTES:**<br>• Device Address 01 is defaulted for an alpha Touchpad Global arm/disarm disabled.<br>• 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.<br>Press [✱] to accept entry. |
| DEVICE TYPE<br>00 | Select the type of addressable device as follows:<br>**00** = device not used<br>**01** = alpha touchpad (6160ADT, AUI)<br>**03** = RF receiver (5881)<br>**04** = output relay module (4204)<br>**05** = voice (VIP) Module (4286)<br>**06** = long range radio<br>**08** = fire display (FSA)<br>**09** = Vista Gateway Module (VGM)<br>**10 =** panel link module<br>**12** = RIS (Remote Interactive Services)<br>Press [✱] to accept entry. |

**Alpha Touchpad**

| PROMPT | EXPLANATION |
|---|---|
| 01 CONSOLE PART.<br>1 | If you selected device type 01 (alpha touchpad), this prompt appears. Enter the addressable device's default partition number (01 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 touchpad a "Master" touchpad for the system.<br>Press [✱] to accept entry. |
| 01 SOUND OPTION<br>0 | If you entered device type 01 (alpha touchpad), this prompt appears. Touchpads 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.<br>Enter a number **0-3** for the touchpad sounding suppression options desired for the touchpad as follows:<br>**0** = no suppression<br>**1** = suppress arm/disarm & entry/exit beeps<br>**2** = suppress chime mode beeps only<br>**3** = suppress arm/disarm, entry/exit **and** chime mode beeps<br>Press [✱] to accept entry. |
| 01 KEYPAD GLBL?<br>0 | If you entered device type 01 (alpha touchpad), this prompt appears. Each touchpad can give users with access to multiple partitions the ability to arm and disarm those partitions from it. To enable this touchpad for global arming/disarming, enter **1**. To prevent the ability to use this touchpad for global arming/disarming, enter **0**.<br>Press [✱] to accept entry. |
| 01 AUTO-STAY ARM<br>DISABLED? 0 | 0 = No, 1 = Yes. If enabled (1=yes), Auto-Stay Arming is turned off for the selected touchpad address (system does not automatically revert to Stay Arm mode if armed Away and no entry/exit doors are opened). Default is No. Panel revision 7.1 or higher is required for this feature. Must be 0 for SIA installations.<br>Press [✱] to accept entry. |
| 01 AUI ?<br>1 = YES 0 = NO 0 | If you selected device type 01 (alpha touchpad), this prompt appears. Enter **1** (YES) if the device is an AUI (iCenter 8132iADT). **See the iCenter instructions for the installation and operation.**<br>Press [✱] to accept entry. |

**RF Expander**

| PROMPT | EXPLANATION |
|---|---|
| 01 RF EXPANDER<br>HOUSE I 00 | If you selected device type 03 (RF receiver), this prompt appears. Enter the 2-digit House ID (**00-31**). This is required if you are using a wireless touchpad (5827/5827BD).<br>Press [✱] to accept entry. |

**Output Relay Module**

| PROMPT | EXPLANATION |
|---|---|
| 01 SUPERVISED CF?<br>0 | 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. This module is usually used to add two additional supervised bell outputs to the system.<br>Press [✱] to accept entry. |

**Long Range Radio**

If device type 6 is chosen, the 6160ADT Touchpad will function similar to the 7720PLRR Programming Tool. See chart below for the functions of the keys on the 6160ADT.

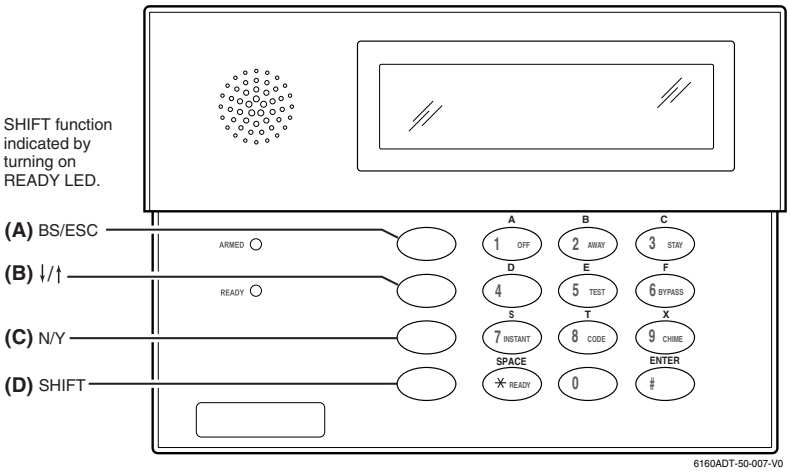


***Figure 1: 6160ADT Key Functions for Programming the ECP Radio***

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<br>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 |
| SHIFT | 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 6160ADT Touchpad displays the following prompts, which are sent by the Long Range Radio transmitter to the control.
**NOTE: These prompts are for the 7845i-ent Radio only. If you are using a different radio, refer to the radio's instructions for the correct prompts.**

| PROMPT | EXPLANATION |
|---|---|
| DEVICE ADDRESS | Enter the device address of the radio. The default address is 3. |
| ID # (1234) | Enter the 4-digit customer account number, **0001-9999**. This ID number will appear in the messages generated by the radio. Messages generated by the panel and transmitted by the radio will contain the ID number programmed into the panel. The radio and the panel should have the same ID number, if possible. |

If a different 4-digit customer account number is used in the radio than is programmed into the alarm control, the radio will transmit radio-specific messages (power-on reset, AC fail, etc.) using the radio customer number, and alarm messages using the control panel's customer number. If these numbers are different, you will be billed for two AlarmNet radio accounts.

| PROMPT | EXPLANATION |
|---|---|
| En.AlarmNetI Y/N | Press [Y] to enable alarm delivery via the Internet to an AlarmNet central station.<br>Press [N] to disable AlarmNet-i functionality. |
| AES Encrypt. Y/N (N) | Press [Y] to use the AES Encryption method.<br>Press [N] to use the Blowfish Encryption. |
| Web Port (433) | Using the keypad, enter Port (443). |
| Use Mstr Act [Y/N] (N) | Press [Y] to use the account information assigned for Remote Access.<br>Press [N] to use AlarmNet-i specific account information. |
| Primary City ID | Enter the 2-digit primary city code, 01-99 (decimal). |
| Primary CS ID | Enter the primary central station's system ID number, 01-FE. |
| Primary Sub ID | Enter the 4-digit customer account number, 0001-9999. |
| En. 2nd CS Y/N | Press [Y] if redundant reporting to a second central station is desired.<br>Press [N] if not desired. |
| 2nd City ID | Enter the 2-digit secondary city code, 01-99 (decimal). |
| 2nd CS ID | Enter the secondary central station's system ID number, 01-FE. |
| 2nd Sub ID | Enter the secondary 4-digit customer account number, 0001-9999. |
| Enable DW Y/N (N) | Press [Y] to enable Direct Wire Downloading over IP.<br>Press [N] to disable Direct Wire Downloading over IP. |

| PROMPT | EXPLANATION |
|---|---|
| Supervision<br>(24 Hour) | Choices: 24 hours, 1 hour, US UL Line 6 min, CN UL Line Lvl 3 (3 min.), US UL Line 90 (seconds), CN UL Line Lvl 4 (90 seconds), CN UL Line Lvl 5 (75 seconds), None.<br>**NOTE:** For Commercial Fire installations must be set to 90 seconds.<br>The 7845i-ent sends a supervision message once during the supervision period. AlarmNet transmits a communications failure alarm to the central station if the supervision message is not received within the period.<br>To scroll through the available choices:<br>• Press the [space] key to scroll forward through the list of choices.<br>• Press the [backspace] key to scroll back through the list if the desired entry has scrolled past.<br>Press the [Enter] key to select the time displayed. |
| Old Alarm Time<br>(10 Minutes) | The old alarm time sets how long an undeliverable alarm is retried for delivery to AlarmNet. If the message is not validated, it is retried until the old alarm time is reached or the message is validated. The choices available are: 10 Min., 15 Min., 30 Min., 1Hr, 2Hr, 4Hr, 8Hr, 12Hr and 24Hr. To scroll through the available choices:<br>• Press the [space] key to scroll forward through the list of choices.<br>• Press the [backspace] key to scroll back through the list if the desired entry has scrolled past.<br>Press the [Enter] key to select the time displayed. |
| Fault Time (mins)<br>(05) | Enter the time delay (01-99 minutes) before the 7845i-ent notifies the control panel that there is loss of contact with the network, or enter "00" if you do not want the 7845i-ent to alert the control panel of loss of contact with the network. The 7845i-ent will alert the control panel of the loss of contact via a dedicated status message. Refer to Table 3-5 in this Section for more information regarding the ECP Status Codes. |

**Panel Linking Module**

| PROMPT | EXPLANATION |
|---|---|
| 01 PANEL ID#<br>(01-08) 01 | If you selected device type 10 (panel linking module), this prompt appears. Enter the panel's ID # (**01-08)**. Each panel must have its own unique ID #. This device is supervised as zone "8xx," where "xx" = the device's address. If you want to supervise this device, program that zone with response type 05.<br>If you want to supervise panel link modules from other controls, also program them into *Zone Programming* on a regular zone (010-128) with a response type of 12.<br>**NOTE:** Response type 12 can not be assigned to HW zones (1 to 9).<br>Press [✱] to accept entry. |

**VIP Module, VISTA Gateway Module and Panel Linking Module**

| PROMPT | EXPLANATION |
|---|---|
| 01 MODULE PART.<br>1 | If you selected device type 05 (VIP Module), type 09 (VGM), or type 10 (PLM) this prompt appears. Enter the partition number **1-8** in which the module is located.<br>Press [✱] to accept entry.<br>Press **00** + [✱] to exit Menu mode.<br>Press **✱99** to exit Program mode. |

## 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: You may use up to 25 polling loop outputs (e.g., 4101SN) programmed for the same START or STOP. 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.**

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 (do not use with an FSA device).
- 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 (000-128).
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 #<br>(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.<br>Press [✱] to continue. |
| 02 A EV ZL ZT P<br>STT 0 0 00 00 0 | Press [✱] to continue. |
| 02 A ZL ZT P<br>STOP 0 00 00 0 | The touchpad displays a summary STOP screen.<br>Press [✱] to continue. |
| 02 RELAY ACTION<br>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:<br>**0**=not used; **1**=close for 2 seconds; **2**=stay closed; **3**=pulse on/off; **4**= toggle on and off alternately |
| 02 START EVENT<br>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:<br>**0**=not used; **1**=alarm; **2**=fault; **3**=trouble<br>If you are not using a Zone List to activate the relay, enter **0.**<br>Press [✱] to continue. |
| 02 START: ZN LIST<br>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**.<br>Press [✱] to continue. |
| 02 START: ZONE #<br>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.<br>Press [✱] to continue. |
| 02 START: ZN TYPE<br>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.<br>Press [✱] to continue. |

**Choices for Start/Stop Zone Types and System Operations:**

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

* 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

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<br>(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.<br>Press [✱] to continue. |
| 02 START: PARTN<br>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.<br>Press [✱] to continue. |

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

| PROMPT | EXPLANATION |
|---|---|
| 02 STOP: ZN LIST<br>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**.<br>Press [✱] to continue. |
| 02 STOP: ZN TYPE<br>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.<br>Press [✱] to continue. |
| 02 STOP: ACS PT<br>(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.<br>Press [✱] to continue. |
| 02 STOP: PARTN<br>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.<br>Press [✱] to continue. |
| 02 RELAY GROUP<br>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.<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| 02 RESTRICTION<br>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. Enter **1** if the end user will be restricted from accessing this relay group.<br>Press [✱] to continue. |
| 02 RELAY TYPE<br>V-PLEX 0 | Enter **0** for V-Plex (polling loop) devices. Enter **1** for (ECP) relay modules (4204/4204CF). Enter **2** for X10 devices. Enter **3** for (FSA) Fire System Annunciator.<br>Press [✱] to continue. |
| 02 V-PLEX ZONE #<br>000 | For polling loop trigger outputs (4101SN), enter the protection zone number (001-128) linked to each output, if used. Be sure to enroll the module's serial number (see Zone Programming).<br>Press [✱] to continue. |
| 02 ECP ADDRESS<br>00 | If you selected **1** or **3** for (4204/4204CF or FSA), enter the actual module's address **(01-15 – 4204/4204CF) (08-23 – FSA)** as set by its DIP switches. Up to 8 4204/4204CF modules and up to 4 FSA modules may be used.<br>Press [✱] to continue. |
| 02 MODULE RELAY#<br>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.<br>Press [✱] to continue.<br>The touchpad will display the Start and Stop summary screens again.<br>Press [✱] to continue. |
| 02 HOUSE CODE<br>A 00 | If you selected **2** for X-10 devices, enter the numerical equivalent of the House Code of the device, as follows:<br>A=00 D=03 G=06 J=09 M=12 P=15<br>B=01 E=04 H=07 K=10 N=13<br>C=02 F=05 I=08 L=11 O=14 |
| 02 UNIT CODE<br>00 | Enter the numerical unit code of the X-10 device (00-15).<br>Press [✱] to continue.<br>The touchpad displays the Start and Stop summary screens again.<br>Press [✱] to continue. |
| 01 LED #<br>00 | Enter the LED number on the FSA module **(01-08 for FSA-8; 01-24 for FSA-24)**.<br>Press [✱] to continue.<br>The touchpad displays the Start and Stop summary screens again.<br>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 ?<br>00=QUIT 00 | Enter the zone list number **01-15**. Enter **00** to quit. |
| 01 ADD ZONE #<br>000=QUIT 000 | Using 3-digit entries enter each zone to be included in this zone list. Press [✱] after you enter each zone number.<br>When you have entered all zones, enter **000**.<br>Press [✱] to continue. |

| PROMPT | EXPLANATION |
|---|---|
| 01 Del Zn LIST ?<br>1=YES 0=NO 0 | Enter **0** to save this zone list. Enter **1** to delete it. |
| 01 DEL ZONES ?<br>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. |
| 01 Zn to DELETE ?<br>000=QUIT 000 | Enter each zone number to be deleted from the zone list, pressing [✱] after each number. |
| VIEW Zn LIST ?<br>00=QUIT 00 | This display appears if you pressed **00** at the "Enter Zone LIST" prompt. Enter the zone list number that you wish to view.<br>Press [✱] to continue. |
| 01 ASSIGNED ZONE<br>000=QUIT 000 | Press [✱] to scroll through all zones in that list. Enter **000** +[✱] to quit.<br>Press **[1]** to exit Menu Mode.<br>Press ✱**99** to exit Program Mode. |

## 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?<br>1=YES 0=NO 0 | Press **[1]** to program voice descriptors for relays. |
| ENTER RELAY NO.<br>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.<br>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.<br>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]**.<br>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]**.<br>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.<br>Enter ✱99 to exit Program Mode. |

## Relay Voice Descriptors and Custom Word Substitutes Vocabulary

Words *italicized* indicate those words supported by the 6160ADT Voice touchpad.

| Word | Index |
|---|---|
| Air | 116 |
| *Alarm* | *255* |
| And | 067 |
| Apartment | 117 |
| Appliances | 161 |
| Area | 118 |
| *Attic* | *119* |
| *Baby* | *120* |
| *Back* | *121* |
| Bar | 122 |
| *Basement* | *021* |
| *Bathroom* | *051* |
| Battery | 053 |
| Bed | 092 |
| *Bedroom* | *015* |
| Blower | 123 |
| Boiler | 124 |
| Bright | 162 |
| Building | 125 |
| Burglary | 039 |
| Call | 009 |
| Central | 089 |
| Chime | 054 |
| *Closed* | *126* |
| Computer | 127 |
| *Console* | *066* |
| Daughter's | 208 |
| *Den* | *052* |
| *Detector* | *128* |
| Device | 060 |
| Dim | 163 |
| *Dining* | *031* |
| *Door* | *016* |
| Down | 008 |
| Downstairs | 184 |
| Driveway | 130 |
| Duct | 131 |
| East | 132 |
| *Eight* | *077* |
| Eighth | 221 |
| Equipment | 133 |
| *Exit* | *004* |
| Factory | 134 |
| Father's | 211 |
| Fence | 135 |
| Fifth | 218 |
| *Fire* | *040* |
| *First* | *136* |
| *Five* | *074* |
| *Floor* | *029* |
| *Four* | *073* |
| Fourth | 217 |
| Foyer | 137 |
| *Front* | *087* |
| *Garage* | *023* |
| Gas | 138 |
| Glass | 139 |
| *Hall* | *050* |
| Heat | 010 |
| *Inside* | *209* |
| *Kitchen* | *022* |
| *Laundry* | *140* |
| Left | 027 |
| *Library* | *141* |
| Light | 019 |
| *Living* | *030* |
| Loading | 142 |
| Lower | 094 |
| Machine | 143 |
| *Master* | *144* |
| *Medical* | *014* |
| Mother's | 212 |
| *Motion* | *145* |
| Nine | 078 |
| Ninth | 222 |
| No | 165 |
| North | 146 |
| Not | 012 |
| *Off* | *011* |
| *Office* | *147* |
| *On* | *058* |
| *One* | *070* |
| *Open* | *148* |
| Outside | 210 |
| *Panic* | *013* |
| *Partition* | *090* |
| *Patio* | *149* |
| Phone | 061 |
| Power | 063 |
| Pump | 166 |
| Rear | 088 |
| Right | 028 |
| *Room* | *018* |
| 's | 007 |
| *Second* | *056* |
| Service | 150 |
| *Seven* | *076* |
| Seventh | 220 |
| *Shed* | *151* |
| *Shop* | *152* |
| *Side* | *153* |
| *Six* | *075* |
| Sixth | 219 |
| *Smoke* | *024* |
| Son's | 223 |
| South | 155 |
| Stairs | 006 |
| Station | 156 |
| *Storage* | *157* |
| Sun | 154 |
| *System* | *062* |
| Temperature | 158 |
| *Third* | *159* |
| *Three* | *072* |
| Tool | 213 |
| *Two* | *071* |
| Up | 025 |
| Upper | 187 |
| *Upstairs* | *183* |
| *Utility* | *185* |
| West | 215 |
| *Window* | *017* |
| Wing | 216 |
| *Zero* | *069* |
| *Zone* | *002* |

## Custom Word Substitutes for VIP Module Annunciation

A substitute word can be programmed for each of the 60 custom words used in your alpha zone descriptions. The VIP Module announces this substitute word in place of the custom word that is displayed on the alpha touchpad. For example, an alarm display of "John's Bedroom" could be announced as "Son's Bedroom," as there is no annunciation for the custom word "John." Note that if a substitute word is not assigned, the VIP Module will not annunciate the zone descriptor at all, but will only annunciate the zone number.

To enter custom word substitutes, 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 "CUSTOM INDEX ?" prompt is displayed.

| PROMPT | EXPLANATION |
|---|---|
| CUSTOM INDEX ?<br>1=YES 0=NO 0 | Enter **[1]** at this prompt. |
| CUSTOM WORD NO.<br>00=QUIT | Enter the custom word number (**01-60**) for which a voice substitute is desired. Enter **00** to quit this Programming Mode.<br>Press [✱] to accept entry. |
| 01 ENTER INDEX # | Enter the 3-digit substitute word index number from the Relay Voice Descriptors and Custom Word Substitutes Vocabulary list in the *Relay Voice Descriptors* part of this section.<br>Press [✱] to accept entry.<br>The "CUSTOM WORD NO." prompt is displayed. Enter the next custom word number to be substituted, or enter **00** to quit. |

## 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<br>1=YES 0=NO 0 | Enter **[1]** at this prompt. |
| Chk-In Interval<br>None 0 | Enter the check-in interval.<br>**0** = None; **1** = Weekly; **2** = Monthly; **3** = Quarterly; **4** = Yearly.<br>Press [✱] to accept entry. |
| DAY: M T WT F S S<br>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)**.<br>Press [✱] to accept entry and move to the ***Time of the Day*** prompt. |
| Quarter of Year<br>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.<br>Press [✱] to accept entry and move to the ***Day of the Month*** prompt. |
| Month of Year<br>(01-12) 01 | If you selected 4 (yearly), the ***Month of Year*** prompt is displayed. Enter the month **(01-12)**.<br>Press [✱] to accept entry and move to the ***Day of the Month*** prompt. |
| Day of Month<br>(01-28) 01 | If you selected 2 (monthly), the ***Day of the Month*** prompt. Enter the day of the month **(01-28)**.<br>Press [✱] to accept entry and move to the ***Time of the Day*** prompt. |
| Time of Day<br>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.)<br>Enter the minutes of the hour **(00-59)**. Press [✱] to accept entry.<br>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.<br>**NOTE: The programming of field 1*71 determines the time of day format (12- or 24-hour).** |
| QUIT MENU MODE?<br>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. This includes determining how many partitions will be used, how many zones per partition, and how many users per partition. You also need to determine what peripheral devices will be needed, and basic system options such as exit/entry delays, etc. The control panel itself should be located in an area that facilitates wire runs to all partitions, and allows access to power and telephone circuits.

**To help you lay out a partitioned system, use the following worksheet. This will further simplify the programming process.**

**PARTITIONS**

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

**COMMUNICATION OPTIONS BY PARTITION**

| 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, 30-225 seconds): | | | | | | | | |
| Entry Delay #2 (00, 30-225 seconds): | | | | | | | | |
| Exit Delay #2 (00, 30-225 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* | | | | | | | | |
| Sounder Timeout Duration for Bell (2 min. increments) | | | | | | | | |
| Console Annunciation During Entry** | | | | | | | | |
| Console Annunciation During Exit | | | | | | | | |
| Confirmation of Arming Ding for Bell | | | | | | | | |
| Chime on Bell | | | | | | | | |
| Access Control Relay (field 1*76) | | | | | | | | |
| Affects Lobby (check partitions that apply) | | | | | | | | |
| Arms Lobby (check partitions that apply) | | | | | | | | |
| Displays Fire Alarms of Other Partitions | | | | | | | | |
| Displays Burg & Panic Alarms of Other Partitions | | | | | | | | |
| Displays Troubles of Other Partitions | | | | | | | | |

*Can be any zone 001-128. **no= 3 beeps yes=continuous

**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 | | |

**DEVICES (touchpads, 4204, rf receivers, vip module, lrr, vgm, plm)**

| Addr | Type | Part | Sound Opt | Supv CF? | House ID | Kypd Glbal | AUI | Panel ID |
|---|---|---|---|---|---|---|---|---|
| 00. | (01) | (1) | (0) | (0) | (0) | (1) | (0) | (0) |
| 01. | (01) | (1) | (0) | (0) | (0) | (0) | (0) | (0) |
| 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 = Long Range Radio
08 = Fire Display Module
09 = Vista Gateway Module
10 = Panel Link Module

**NOTES:**

**If using the Voice Module, it must be used at Address 04.**

**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:**

Address 00 = Alpha Touchpad; No Suppression
Address 01 = Alpha Touchpad; No Suppression

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

| 4-digit Security Code | Access Group 0; 1-8 | Partition 1 | | | | | | Partition 2 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 |
| (4140) | (0) | (001) | (0) | (0) | (0) | (000) | (0) | | | | | | |
| (1234) | (0) | (002) | (1) | (1) | (0) | (000) | (0) | | | | | | |
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## ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 3 & 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 & USER DEFINITIONS FOR PARTITIONS 5 & 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 & USER DEFINITIONS FOR PARTITIONS 7 & 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) | 4140 | INSTLR |
| User 2 | 1234 | MASTER |

## ZONE DEFINTION FOR ZONES 001-025 (ADT defaults noted in parenthesis)

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & Alpha Descriptor (3 words max.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | (09) | | | | | | | | | | | | | | |
| 2 | (01) | | | | | | | | | | | | | | |
| 3 | (01) | | | | | | | | | | | | | | |
| 4 | (10) | | | | | | (YES) | | | | | | | | |
| 5 | (10) | | | | | | (YES) | | | | | | | | |
| 6 | (01) | | | | | | | | | | | | | | |
| 7 | (01) | | | | | | | | | | | | | | |
| 8 | (01) | | | | | | | | | | | | | | |
| 9 | (01) | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | |

## ZONE DEFINTION FOR ZONES 026-050

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & 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 DEFINTION FOR ZONES 051-075

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & Alpha Descriptor (3 words max.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51 | | | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | |

## ZONE DEFINTION FOR ZONES 076-100

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & 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 DEFINTION FOR ZONES 101-125

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & 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 DEFINTION FOR ZONES 126-128

| Zone No. | Zone Type | Part 1-8 | Input Type | Arm w/Faul | Vent Zone | STAY Mode | Auto-STAY | Silent | Bypass Group | Access Point | Panel ID # | Tamper | Serial # / Loop | Rpt. Code | Zone Information (part numbers) & Alpha Descriptor (3 words max.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 126 | | | | | | | | | | | | | | | |
| 127 | | | | | | | | | | | | | | | |
| 128 | | | | | | | | | | | | | | | |

## ZONE DEFINITIONS FOR TOUCHPAD PANIC ZONES 995, 996, & 999 (ADT defaults noted in parenthesis)

| Zone No. | Zone Type | Enter yes/no for each partition ✳22 | | | | | | | | Report Code | Zone Information (part numbers) & Alpha Descriptor (3 words maximum) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | |
| 995 | (09) | | | | | | | | | | |
| 996 | (00) | | | | | | | | | | |
| 999 | (07) | | | | | | | | | | |

## ZONE DEFINITIONS FOR SYSTEM ZONES; 970, 988, 990, & 997

| Zone No. | Zone Type | Report Code | Zone Information (part numbers) & Alpha Descriptor (3 words maximum) |
|---|---|---|---|
| 970 | (05) | | |
| 988 | | | |
| 990 | | | |
| 997 | (05) | | |

**NOTE:** When supervising the bell output (zone 970), only one device can be connected to the alarm output (terminals 4 and 5) for UL and Fire installations.

## ZONE DEFINITIONS FOR RELAY SUPERVISORY ZONES 601-632

| Zone No. | Zone Type | Report Code | Zone Information (part numbers) & Alpha Descriptor (3 words max.) | Zone No. | Zone Type | Report Code | Zone Information (part numbers) & 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 (part numbers) & Alpha Descriptor (3 words max.) | Zone No. | Zone Type | Report Code | Zone Information (part numbers) & 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: | | | Input Types: | |
|---|---|---|---|---|
| 00=zone not used | 07=24-hour audible | 20=arm stay | 00=not used | 07=Dip switch-type polling loop |
| 01=entry/exit 1 | 08=24-hour auxiliary | 21=arm away | 01=hardwired | 08=right loop dip switch poll loop |
| 02=entry/exit 2 | 09=supervised fire | 22=disarm | 02=RF motion transmitter | 09=touchpad input |
| 03=perimeter | 10=interior (delay) | 23=no alarm resp | 03=supervised RF transmitter | 10=PassPoint ACS input |
| 04=interior (follower) | 12=panel link superv | 27=access control | 04=unsupervised RF transmitter | 11=VistaKey door status monitor |
| 05=day/night burg | 14=CO detector alm | 28=MLB supervision | 05=RF button transmitter | 12=VistaKey request to exit |
| 06=24-hour silent | 16=fire w/verification | 29=momentary exit | 06=serial number polling loop | 13=VistaKey general purpose |

### NON-ALARM REPORT CODES WORKSHEET

NOTE: All zones are enabled, by default, to report to the central station for Alarm, Alarm Restore, Trouble and Trouble Restore. The report codes sent to the central station, except for Alarms, are programmed in groups of 16 zones. For example, the same report code for trouble is sent to the central station for zones 001-016.

| Zones | Alarm Restore | Trouble | Trouble Restore | Bypass | Bypass Restore |
|---|---|---|---|---|---|
| **001-016** | (01) | (01) | (01) | | |
| **017-032** | (01) | (01) | (01) | | |
| **033-048** | (01) | (01) | (01) | | |
| **049-064** | (01) | (01) | (01) | | |
| **065-080** | (01) | (01) | (01) | | |
| **081-096** | (01) | (01) | (01) | | |
| **097-112** | (01) | (01) | (01) | | |
| **113-128** | (01) | (01) | (01) | | |

**SYSTEM GROUP REPORT CODES**

| Report Type | Code | Report Type | Code | Report Type | Code |
|---|---|---|---|---|---|
| **Closing (AWAY)** | | **Program Tamper** | (01) | **Late Open** | |
| **Opening** | | **Arm STAY** | | **Late Close** | |
| **System Low Battery** | (01) | **Time Date Set, Event Log Reset** | | **Failed To Open** | |
| **Low Battery Restore** | (01) | **Dialer Queue Overflow** | | **Failed To Close** | |
| **AC Loss** | | **Exit Error By Zone** | (01) | **Auto-Arm Failed** | |
| **AC Restore** | | **Recent Close** | (01) | **Schedule Change** | |
| **Periodic Test** | (01) | **Early Open** | | **Walk-Test Start** | |
| **Power Up** | (01) | Early Close | | **Walk-Test End** | |
| **Cancel** | (01) | | | | |

## Output Devices Worksheets

**Applicable only if relays (4204/4204CF), FSA Modules, V-Plex or X-10 devices 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 and FSA, 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. You may use up to 25 V-Plex (polling loop) outputs (e.g., 4101SN) programmed for the same START or STOP. 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.
4. For X-10 devices, use the 1361X10 transformer in place of the transformer that comes in the box with the control panel.

| OUTPUT DEV # | A | S T A R T | | | | | | S T O P | | | Relay Group | Restrict | 0=V-Plex 1=4204 2=X-10 3=FSA | V-Plex Zone # or Dev Add 4204 or FSA or House Code for X-10 | Relay # for 4204 or LED # for FSA or Unit Code for X-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EV/ZL | | Zone | ZT / P | | | ZL | ZT / P | | | | | | |
| 1. | | | | | | | | | | | | | | | |
| 2. | | | | | | | | | | | | | | | |
| 3. | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | |

| OUTPUT DEV # | A | START | | | | | STOP | | | Relay Group | Restrict | 0=V-Plex 1=4204 2=X-10 3=FSA | V-Plex Zone # or Dev Add 4204 or FSA or House Code for X-10 | Relay # for 4204 or LED # for FSA or Unit Code for X-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EV/ZL | | Zone | ZT / P | | ZL | ZT / P | | | | | | |
| 7. | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | |
| 11. | | | | | | | | | | | | | | |
| 12. | | | | | | | | | | | | | | |
| 13. | | | | | | | | | | | | | | |
| 14. | | | | | | | | | | | | | | |
| 15. | | | | | | | | | | | | | | |
| 16. | | | | | | | | | | | | | | |
| 17. | | | | | | | | | | | | | | |
| 18. | | | | | | | | | | | | | | |
| 19. | | | | | | | | | | | | | | |
| 20. | | | | | | | | | | | | | | |
| 21. | | | | | | | | | | | | | | |
| 22. | | | | | | | | | | | | | | |
| 23. | | | | | | | | | | | | | | |
| 24. | | | | | | | | | | | | | | |
| 25. | | | | | | | | | | | | | | |
| 26. | | | | | | | | | | | | | | |
| 27. | | | | | | | | | | | | | | |
| 28. | | | | | | | | | | | | | | |
| 29. | | | | | | | | | | | | | | |
| 30. | | | | | | | | | | | | | | |
| 31. | | | | | | | | | | | | | | |
| 32. | | | | | | | | | | | | | | |
| 33. | | | | | | | | | | | | | | |
| 34. | | | | | | | | | | | | | | |
| 35. | | | | | | | | | | | | | | |
| 36. | | | | | | | | | | | | | | |
| 37. | | | | | | | | | | | | | | |
| 38. | | | | | | | | | | | | | | |
| 39. | | | | | | | | | | | | | | |
| 40. | | | | | | | | | | | | | | |
| 41. | | | | | | | | | | | | | | |
| 42. | | | | | | | | | | | | | | |
| 43. | | | | | | | | | | | | | | |
| 44. | | | | | | | | | | | | | | |
| 45. | | | | | | | | | | | | | | |
| 46. | | | | | | | | | | | | | | |
| 47. | | | | | | | | | | | | | | |
| 48. | | | | | | | | | | | | | | |
| 49. | | | | | | | | | | | | | | |

## OUTPUT DEVICES WORKSHEET (cont'd)

| OUTPUT DEV # | A | START | | | | | STOP | | | Relay Group | Restrict | 0=V-Plex 1=4204 2=X-10 3=FSA | V-Plex Zone # or Dev Add 4204 or FSA or House Code for X-10 | Relay # for 4204 or LED # for FSA or Unit Code for X-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EV/ZL | | Zone | ZT / P | | ZL | ZT / P | | | | | | |
| 50. | | | | | | | | | | | | | | |
| 51. | | | | | | | | | | | | | | |
| 52. | | | | | | | | | | | | | | |
| 53. | | | | | | | | | | | | | | |
| 54. | | | | | | | | | | | | | | |
| 55. | | | | | | | | | | | | | | |
| 56. | | | | | | | | | | | | | | |
| 57. | | | | | | | | | | | | | | |
| 58. | | | | | | | | | | | | | | |
| 59. | | | | | | | | | | | | | | |
| 60. | | | | | | | | | | | | | | |
| 61. | | | | | | | | | | | | | | |
| 62. | | | | | | | | | | | | | | |
| 63. | | | | | | | | | | | | | | |
| 64. | | | | | | | | | | | | | | |
| 65. | | | | | | | | | | | | | | |
| 66. | | | | | | | | | | | | | | |
| 67. | | | | | | | | | | | | | | |
| 68. | | | | | | | | | | | | | | |
| 69. | | | | | | | | | | | | | | |
| 70. | | | | | | | | | | | | | | |
| 71. | | | | | | | | | | | | | | |
| 72. | | | | | | | | | | | | | | |
| 73. | | | | | | | | | | | | | | |
| 74. | | | | | | | | | | | | | | |
| 75. | | | | | | | | | | | | | | |
| 76. | | | | | | | | | | | | | | |
| 77. | | | | | | | | | | | | | | |
| 78. | | | | | | | | | | | | | | |
| 79. | | | | | | | | | | | | | | |
| 80. | | | | | | | | | | | | | | |
| 81. | | | | | | | | | | | | | | |
| 82. | | | | | | | | | | | | | | |
| 83. | | | | | | | | | | | | | | |
| 84. | | | | | | | | | | | | | | |
| 85. | | | | | | | | | | | | | | |
| 86. | | | | | | | | | | | | | | |
| 87. | | | | | | | | | | | | | | |
| 88. | | | | | | | | | | | | | | |
| 89. | | | | | | | | | | | | | | |
| 90. | | | | | | | | | | | | | | |
| 91. | | | | | | | | | | | | | | |

## OUTPUT DEVICES WORKSHEET (cont'd)

| OUTPUT DEV # | A | START | | | | | STOP | | | Relay Group | Restrict | 0=V-Plex 1=4204 2=X-10 3=FSA | V-Plex Zone # or Dev Add 4204 or FSA or House Code for X-10 | Relay # for 4204 or LED # for FSA or Unit Code for X-10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EV/ZL | | Zone | ZT / P | | ZL | ZT / P | | | | | | |
| 92. | | | | | | | | | | | | | | |
| 93. | | | | | | | | | | | | | | |
| 94. | | | | | | | | | | | | | | |
| 95. | | | | | | | | | | | | | | |
| 96. | | | | | | | | | | | | | | |

**A = DEVICE ACTION** 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

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

**ZL = ZONE LIST** 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.

**ZT = ZONE TYPE/SYSTEM OPERATION**

**Choices for Zone Types are:**

| | | |
|---|---|---|
| 00=zone not used | 08=24-hour auxiliary | 22=disarm |
| 01=entry/exit 1 | 09=supervised fire | 23=no alarm response |
| 02=entry/exit 2 | 10=interior (delay) | 26=VGM supervision |
| 03=perimeter | 12=PLM supervision | 27=access control |
| 04=interior (follower) | 14=CO detector alarm | 28=MLB supervision |
| 05=day/night burglary | 16=fire w/verification | 29=momentary exit |
| 06=24 hour silent | 20=arm stay | |
| 07=24-hour audible | 21=arm away | |

**NOTE:** Any zone in "ZT" for Start, going into alarm, fault, or trouble will activate the relay. Any zone in "ZT" for Stop, that restores will stop the relay action.

**Choices for System Operation are:**

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

* 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

**P = PARTITION No.** 1-8, 0 = Any

**ZONE LISTS FOR OUTPUT DEVICES** – Programmed in the #93 Menu Mode in the Output Programming Section. Fill in the required data on the worksheet that follows 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:**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).

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

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

**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 ?<br>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 ?<br>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 ?<br>1 = YES 0 = NO 0 | For defining up to 16 holidays for which partitions they apply. |
| Timed Events ?<br>1 = YES 0 = NO 0 | For defining up to 20 time driven events with the following parameters:<br>• Time window<br>• Action desired<br>• Action specifier<br>• Activation time<br>• Days of the week |
| Access Sched. ?<br>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 & #81 MENU MODE KEY COMMANDS**

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

| | |
|---|---|
| #80 or #81 | Enters Menu mode |
| [Q] | Serves as ENTER key. Press to have touchpad 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) | ECP Address | (4204/4204CF or FSA) |
| Relay Group Restriction | (if applicable) | Relay No. | (4204/4204CF) |
| | | LED No. | (FSA) |
| Relay Type | (V-Plex, 4204/4204CF, FSA, or X-10) | House Code | (X-10) |
| Zone No. | (V-Plex) | Unit Code | (X-10) |

**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 zones)
24 = Force Arm Away (Auto-bypass faulted zones)
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), and for 42 is Access Group. 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

**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
2 = End of time window
3 = During time window active period only (On at beginning of window, off at end).
4 = Beginning and end of time window
5 = Random Start of the time window ✳
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.

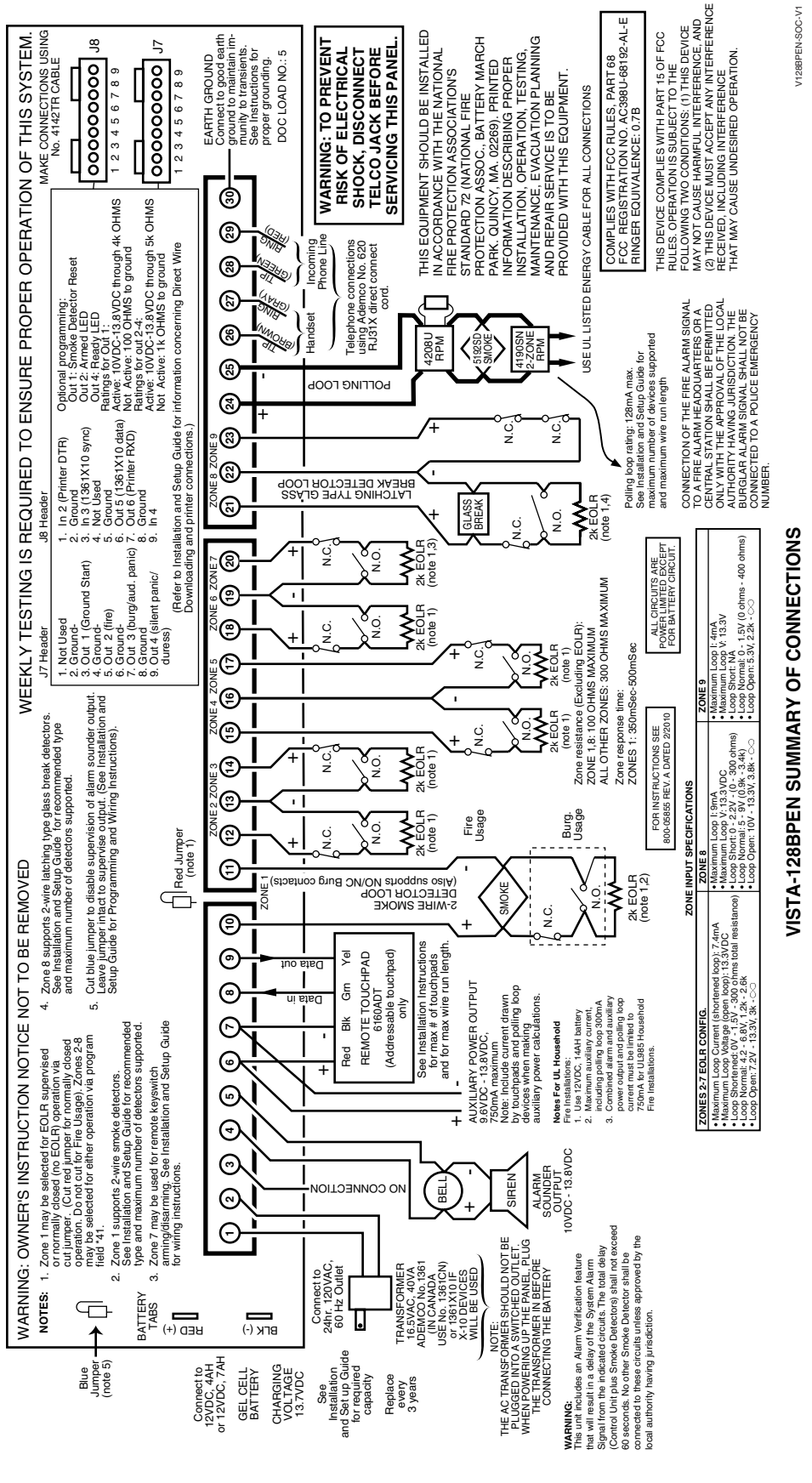
| Acc | Mon | | Tues | | Wed | | Thurs | | Fri | | Sat | | Sun | | Hol | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sch | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 | W1 | W2 |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | |
| 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 | | | | | | | |
| 3 | **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 |
|---|---|---|---|---|---|---|---|---|
| 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 | | | | | | | |

# Summary of Connections Diagram




**VISTA-128BPEN SUMMARY OF CONNECTIONS**

# NOTES

# NOTES

# NOTES

# NOTES

# NOTES

# NOTES

Honeywell

**2 Corporate Center Drive, Suite 100**
**P.O. Box 9040, Melville, NY 11747**


www.honeywell.com/security

**800-05856 2/10 Rev. B**