

ADEMCO VISTA-10P
ADEMCO VISTA-10PSIA
Security Systems

Programming Guide

TO ENTER PROGRAMMING MODE:

Local programming requires the use of an alpha keypad connected to the keypad terminals on the control.

- A. POWER UP, then depress [*] and [#] both at once, within 50 seconds of powering up (if *98 was used to exit previously, this method must be used to reenter program mode). OR
- B. Initially, key: **Installer Code (4 + 1 + 1 + 2) plus 8 + 0 + 0.**

Data Field Programming Procedures

Task	Procedure
Go to a Data Field	Press [*] + [Field Number], followed by the required entry.
Entering Data	When the desired field number appears, simply make the required entry. When the last entry for a field is entered, the keypad beeps three times and automatically displays the next data field in sequence. If the number of digits that you need to enter in a data field is less than the maximum digits available (for example, the phone number fields *41, *42), enter the desired data, then press [*] to end the entry. The next data field is displayed.
Review a Data Field	Press [#] + [Field Number]. Data will be displayed for that field number. No changes will be accepted in this mode.
Deleting an Entry	Press [*] + [Field Number] + [*]. (Applies only to fields *40–*44, *94, and pager programming fields)

Interactive Menu Mode Programming (*56, *57, *58, *79, *80, *81, *82)

See respective sections in this document for programming procedures.

Press [*] + [Interactive Mode No.] (for example, *56). The alpha display keypad will display the first of a series of prompts.

Interactive Menu Mode	Used to Program
*56 Zone Programming	Zone characteristics, report codes, alpha descriptors, and serial numbers for RF trans.
*57 Function Key Programming	Unlabeled keypad keys (known as ABCD keys) for special functions
*58 Zone Programming (Expert mode)	Same options as *56 mode, but with fewer prompts. Intended for those familiar with this type of programming, otherwise *56 mode is recommended.
*79 Output Device Mapping	Assign module addresses and map individual relays/powerline carrier devices
*80 Output Programming	4204 Relay modules, Powerline Carrier devices, or on-board triggers
*81 Zone List Programming	Zone Lists for relay/powerline carrier activation, chime zones, pager zones, etc.
*82 Alpha Programming	Zone alpha descriptors

INITIALIZE DOWNLOAD and RESET DEFAULTS

- *96 Initializes download ID and subscriber account number.
- *97 Sets all data fields to original factory default values.

TO EXIT PROGRAMMING MODE:

- *98 Exits programming mode and *prevents* re-entry by: **Installer Code + 8 + 0 + 0.** If *98 is used to exit programming mode, system must be powered down, and method A above used to enter the programming mode.
See field *88 for other *98 Program mode lockout options.
- *99 Exits programming mode and *allows* re-entry by: **Installer Code + 8 + 0 + 0** or method A above.

Special Messages

OC = OPEN CIRCUIT (no communication between Keypad and Control).

EE or **ENTRY ERROR** = ERROR (invalid field number entered; re-enter valid field number).

After powering up, **AC**, **dl** (disabled) or **Busy Standby** and **NOT READY** will be displayed after approximately 4 seconds. This will revert to a **Ready** message in approximately 1 minute, which allows PIRS, etc. to stabilize. You can bypass this delay by pressing [#] + [0].

If **E4** or **E8** appears, more zones than the expansion units can handle have been programmed. The display will clear after you correct the programming.

Table of Device Addresses

This Device	Uses Address	Reports as††	Enabled By...
RF Receiver	00	100	*56 zone programming: input device type entry
Long Range Radio	03	103	automatic if output to long range radio field *29 enabled
4286 Voice Module	04	104	automatic if phone module access code field *28 enabled
4204 Relay Module	12	112	*79 output device programming: entered at device address prompt:
Keypads:			data field programming as listed below:
keypad 1	16	n/a	always enabled, all sounds enabled.
keypad 2	17	n/a	data field *190
keypad 3	18	n/a	data field *191
keypad 4	19	n/a	data field *192
keypad 5	20	n/a	data field *193
keypad 6	21	n/a	data field *194
keypad 7	22	n/a	data field *195
keypad 8	23	n/a	data field *196
5800TM Module	28	n/a	automatic

†† Addressable devices are identified by "1" plus the device address when reporting. Enter report code for zone 91 to enable addressable device reporting (default = reports enabled). See field *199 for addressable device (ECP) 3-digit/2-digit identification keypad display options.

***49 Split/Dual Reporting** [0]

0 = Standard/Backup reporting only (all to primary unless fail)

Primary Phone No.	Secondary Phone No.
1 = Alarms, Restore, Cancel	Others
2 = All except Open/Close, Test	Open/Close, Test
3 = Alarms, Restore, Cancel	All
4 = All except Open/Close, Test	All
5 = All	All

***50 Burglary Dialer Delay** [2, 0]

Delay Time: Delay Time **VISTA-10PSIA** Delay Disable

0 = no delay **UL: must be "0"**

1 = 15 seconds; 2 = 30 seconds; 3 = 45 seconds

SIA Guidelines: delay must be minimum of 30 seconds

VISTA-10PSIA:

Delay Time: 1 = 15 seconds; 2 = 30 seconds; 3 = 45 seconds

Delay Disable:

0 = use delay set in entry 1

1 = dial delay disabled for zones listed in zone list 6 (use zone list 6 to enter those zones that require dial delay to be disabled; these zones ignore the setting in entry 1)

UL: Dial delay plus entry delay must not exceed one minute; use zone list 6 to disable dial delay from appropriate zones, if necessary.

***53 SESCOA/Radionics Select** [0]

0 = Radionics (0-9, B-F), and all formats other than SESCOA

1 = SESCOA (0-9 only reporting)

***54 Dynamic Signaling Delay** [0]

Delay selectable from 0 to 225 secs in 15-sec increments.

0 = no delay (both signals sent); 1 = 15 secs; 2 = 30 secs, etc

UL: Grade AA must be "0"; Grade A must be "15" max

***55 Dynamic Signaling Priority** [0]

0 = Primary Dialer first; 1 = Long Range Radio first.

For UL Commercial Burglary installations that use a DACT and LRR, this field must be "0".

***56 - *58 Menu Modes (see page 2 for description)**

PROGRAMMING SYSTEM STATUS, & RESTORE REPORT CODES (*59 - *68, *70 - *76, and *89):

For 3+1 or 4+1 Standard Format: Enter a code in the *first* box: 1-9, #+10 for 0, #+11 for B, #+12 for C, #+13 for D, #+14 for E, #+15 for F. A 0 (*not* #+10) in the *first* box will disable a report. A 0 (*not* #+10) in the *second* box will result in automatic advance to the next field.

For Expanded or 4+2 Format: Enter codes in *both* boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.

A 0 (*not* #+10) in the *second* box will eliminate the expanded message for that report. A 0 (*not* #+10) in *both* boxes will disable the report.

For Ademco Contact ID® Reporting: Enter any digit (other than 0) in the *first* box, to enable zone to report (entries in the *second* boxes are ignored). A 0 (*not* #+10) in the *first* box disables the report.

UL: see installation instructions for requirements

SYSTEM STATUS REPORT CODES

***59 Exit Error Report Code** [0]

See box above for entries. **VISTA-10PSIA: [1] Always enabled.**

***60 Trouble Report Code** [00]

***61 Bypass Report Code** [00]

***62 AC Loss Report Code** [00]

***63 Low Bat Report Code** [00]

***64 Test Report Code** [00]

Use Scheduling mode to set periodic test reports or use the following key commands to set schedule 2 to the stated repeat option (first test report sent 12 hours after command):

installer code +[#] + [0] + 0 = test report sent every 24 hours

installer code +[#] + [0] + 1 = test report sent once per week

installer code +[#] + [0] + 2 = test report sent every 28 days

***65 Open Report Code** [0]

***66 Arm Away/Stay Rpt Code** [0,0]

Away Stay

***67 RF Trans. Low Bat Report Code** [00]

UL: must be enabled if wireless devices are used

***68 Cancel Report Code** [00]

VISTA-10PSIA: [10] Report enabled.

***69 Recent Closing Report Code** [11]

VISTA-10PSIA: Always enabled. Field does not apply to other controls.

RESTORE REPORT CODES

***70 Alarm Restore Rpt Code** [0]

***71 Trouble Restore Rpt Code** [00]

***72 Bypass Restore Rpt Code** [00]

***73 AC Restore Rpt Code** [00]

***74 Low Bat Restore Rpt Code** [00]

***75 RF Trans. Lo Bat Rst Rpt Code** [00]

UL: must be enabled if wireless devices are used

***76 Test Restore Rpt Code** [00]

OUTPUT AND SYSTEM SETUP

***77 Daylight Savings Time** [4][10]

Start/End Month

0 = Disabled; 1-9 = January-September (1 = Jan, 2 = Feb, etc)

#+10 = October; #+11 = November; #+12 = December

***78 Daylight Savings Time** [1][5]

Start/End Weekend

0 = disabled, 1 = first, 2 = second, 3 = third

4 = fourth, 5 = last, 6 = next to last, 7 = third to last

***79 - *82 Menu Modes (see page 2 for description)**

***84 Auto Stay Arm** [1]

0 = no, 1 = yes, auto stay arm enabled

***85 Cross Zone Timer** [0]

This option not for use in UL installations.

0 = 15 seconds	6 = 2-1/2 min	#+12 = 8 min
1 = 30 seconds	7 = 3 min	#+13 = 10 min
2 = 45 seconds	8 = 4 min	#+14 = 12 min
3 = 60 seconds	9 = 5 min	#+15 = 15 min
4 = 90 seconds	#+10 = 6 min	
5 = 2 minutes	#+11 = 7 min	

(assign cross zones on zone list 4, with *81 Menu mode)

***86 Cancel Verify Keypad Display** [1]

0 = no, 1 = yes

***87 Misc. Fault Delay Time** [0]

(used with Configurable Zone Type "digit 6")

0 = 15 seconds	6 = 2-1/2 min	#+12 = 8 min
1 = 30 seconds	7 = 3 min	#+13 = 10 min
2 = 45 seconds	8 = 4 min	#+14 = 12 min
3 = 60 seconds	9 = 5 min	#+15 = 15 min
4 = 90 seconds	#+10 = 6 min	
5 = 2 minutes	#+11 = 7 min	

UL: may only be used on non-burglar alarm/ non-fire alarm zones when used in fire and/or UL burglar alarm installation

***88 Program Mode Lockout Options** [0]

0 = standard *98 installer code lockout

(reentry only by [*] + [#] within 50 seconds after power up)

1 = lockout [*] + [#] reentry after *98 exit

2 = not used

3 = lockout local programming after *98 exit (reentry by downloader only)

***89 Event Log Full Report Code** [00]

See box above *59 for report code entries.

***90 Event Log Enables** [3]

NOTE: System messages are logged when any non-zero entry is made.
0 = None; 1 = Alarm/Alarm Restore; 2 = Trouble/Trouble Restore
4 = Bypass/Bypass Restore; 8 = Open/Close.
Example: To select "Alarm/Alarm Restore", and "Open/Close", enter 9 (1 + 8); to select all, enter #15.

***91 Option Selection** [8, 0]

Options: 0 = None Options: **VISTA-10PSIA**
4 = AAV UL: must use ADEMCO UVCM module Call Wait Disable
8 = Exit Delay Restart/Reset UL: must be disabled
+12 = AAV and Exit Delay Restart/Reset
SIA Guidelines: Exit Delay should be enabled.

VISTA-10PSIA: Options: Same as listed above.
Call Waiting Disable:
0 = call waiting not used
1 = call waiting disable digits (*70) entered in field *40; (when selected, the system dials the entry in field *40 only on alternate dial attempts; this allows proper dialing in the event call waiting service is later canceled by the user).

***93 Reports In Armed Period** [1,0]

Per Zone (Swinger Suppression) Restrict **VISTA-10PSIA**
Restrict Report Pairs: Report Pairs Unlimited
0 = Unlimited Reports; 1 = 1 report pair Reports Enable
2 = 2 report pairs SIA Guidelines: Must be set for option 1 or 2.

VISTA-10PSIA:
Restrict Report Pairs: 1 = 1 report pair; 2 = 2 report pairs
Unlimited Reports Enable:
0 = restrict reports to the setting in entry 1
1 = unlimited reports for zones listed in zone list 7; (use zone list 7 to enter those zones that require unlimited reporting; these zones ignore the setting in entry 1)

DOWNLOAD INFORMATION

***94 Download Phone No.**

Enter up to 20 digits, 0-9; # +11 for '*'; # +12 for '#'; # +13 for a 2-second pause. Do not fill unused spaces. If fewer than 20 digits, exit field by pressing *. To clear entries, press *94*.

UL: downloading may be performed only if a technician is at the site.

***95 Ring Count For Downloading** [15]

NOTE: Do not enter "0" if using 4285/4286 Phone Module.
0 = Disable Station Initiated Download;
1-14 = number of rings (1-9, # +10 =10, # +11 =11, # +12 =12, # +13 =13, # +14 =14);
15 = answering machine defeat (# +15 =15).

***96, *97 Initialize/Reset Defaults**
(These are commands, not data fields. See page 2)

***98, *99 Exit Commands**
(These are commands, not data fields. See page 2)

PAGER OPTIONS

***160 Pager 1 Phone No.**

Enter up to 20 digits. 0-9; # +11 = '*'; # +12 = '#'; # +13 = 2-sec pause.

***161 Pager 1 Characters**

Enter the optional prefix characters, up to 16 digits.
0-9; # +11 = '*'; # +12 = '#'; # +13 = 2-second pause.

***162 Pager 1 Report Options** [0]

0 = no reports sent
1 = Opens/closes all users
4 = All alarms and troubles
5 = All alarms / troubles, and opens/closes for all users
12 = Alarms / troubles for zones entered in zone list 9
13 = Alarms / troubles for zones entered in zone list 9, and opens/closes for all users

***172 Pager Delay Option For Alarms** [3]

0 = none, 1 = 1 minute, 2 = 2 minutes, 3 = 3 minutes
This delay is for ALL pagers in the system.

MISCELLANEOUS SYSTEM FIELDS

***177 Device Duration 1, 2** [0] [0]

(used in *80 Menu mode-Device Actions 5/6)
0 = 15 seconds 6 = 2-1/2 min # +11 = 7 min
1 = 30 seconds 7 = 3 min # +12 = 8 min
2 = 45 seconds 8 = 4 min # +13 = 10 min
3 = 60 seconds 9 = 5 min # +14 = 12 min
4 = 90 seconds # +10 = 6 min # +15 = 15 min
5 = 2 minutes

***181 60 Hertz AC Operation** [0]

0 = 60 Hz; 1 = 50 Hz

CONFIGURABLE ZONE TYPE OPTIONS

***182 Configurable Zone Type 90**

1 2 3 4 5 6 7 8 9 10
Enter the appropriate value for each entry, 1-10, based on the charts provided on the next page. Each entry is the sum of the values of its selected options

(0-9, # +10=10, # +11=11, # +12=12, # +13=13, # +14=14, # +15=15).

UL: Do not configure zones as a fire alarm or UL burglar alarm zone.

***183 Zone Type 90 Report Codes**

IMPORTANT: Use existing Contact ID® codes, if appropriate, or define unique codes in CID code range 750-789. See note in installation instructions.

90 ALARM ID: XXX
TROUBLE ID: XXX

Enter the desired 3-digit Contact ID® report codes for alarms and troubles occurring on zones assigned to this zone type. Enter the codes sequentially (all 6 digits). When entering digits, [#] moves cursor back, [*] moves forward. Press [*] when done to continue.

KEYPAD OPTIONS

(Options for keypad 1, address 16, are set by the factory and cannot be changed.)
NOTE: Each keypad must be assigned a unique address. Keypads programmed with the same address will give unpredictable results.

***190 Keypad 2 Device Address 17** [0] [0]

Enable: 0 = disabled; 1 = enabled Enable Sound
Sound: 0 = no suppression
1 = suppress arm/disarm and E/E beeps
2 = Suppress chime beeps only
3 = suppress arm/disarm, E/E, and chime beeps
Enable Sound

***191 Keypad 3 Device Address 18** [0] [0]

***192 Keypad 4 Device Address 19** [0] [0]

***193 Keypad 5 Device Address 20** [0] [0]

***194 Keypad 6 Device Address 21** [0] [0]

***195 Keypad 7 Device Address 22** [0] [0]

***196 Keypad 8 Device Address 23** [0] [0]

***197 Exit Time Display Interval** [0]

0 = no display; 1-5 = seconds between display refresh
NOTE: If enabled and using only 2-digit fixed-word keypads (e.g., 6150RF), do not set exit delay time greater than 96 seconds. See Installation Instructions for explanation.

***199 ECP Fail Display** [0]

0 = 3-digit display ("1" + device address)
1 = 2-digit fixed-display as "91"

CONFIGURABLE ZONE TYPES WORKSHEETS

Configurable zone type 90 can be programmed via downloader software or from a keypad using data fields*182-*183.

Programming Configurable Zone Type options involves making 10 entries in data field *182, where each entry represents the sum of the values of the various options shown in the tables below. Use field *183 to program a Contact ID report code for this zone type.

ENTRY 1 (See note 4 for RF zones)		ENTRY 2 (See note 4 for RF zones)		
Response when system disarmed and zone is:				
Intact EOL RF zone normal	Open RF zone N/A	Shorted RF zn off-normal	Auto Restore	Vent Zone
0 = normal 1 = alarm 2 = trouble 3 = fault	0 = normal 4 = alarm 8 = trouble 12 = fault	0 = normal 1 = alarm 2 = trouble 3 = fault	0 = no 4 = yes	0 = no 8 = yes
Entry 1 = EOL + Open		Entry 2 = Short + auto restore + vent zone		

ENTRY 3 (See note 4 for RF zones)		ENTRY 4 (See note 4 for RF zones)		
Response when armed STAY and zone is:				
Intact EOL RF zone normal	Open RF zone N/A	Shorted RF zn off-normal	Byp. when disarmed	Byp. when armed
0 = normal 1 = alarm 2 = trouble 3 = fault	0 = normal 4 = alarm 8 = trouble 12 = fault	0 = normal 1 = alarm 2 = trouble 3 = fault	0 = no 4 = yes	0 = no 8 = yes
Entry 3 = EOL + Open		Entry 4 = Short + byp. disarmed + byp. armed		

ENTRY 5 (See note 4 for RF zones)		ENTRY 6 (See note 4 for RF zones)		
Response when armed AWAY and zone is:				
Intact EOL RF zone normal	Open RF zone N/A	Shorted RF zn off-normal	Dial Delay (see field *50)	Fault Delay (see field *87)
0 = normal 1 = alarm 2 = trouble 3 = fault	0 = normal 4 = alarm 8 = trouble 12 = fault	0 = normal 1 = alarm 2 = trouble 3 = fault	0 = no 4 = use delay	0 = no 8 = use delay see note 1
Entry 5 = EOL + Open		Entry 6 = Short + dial delay + fault delay		

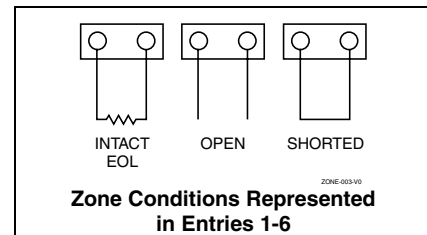
ENTRY 7		ENTRY 8		
Display Faults	Power Reset/ Verification	Use Entry Delay 1/2	Use Exit Delay	Respond as Interior Type
0 = show alarms when armed & disarmed 1 = don't show alarms when armed (show alarms, trbles, faults when disarmed) 3 = never show any alarms, trbles, faults	0 = no 4 = power reset after fault (by code + OFF) 12 = verification (see zone type 16)	0 = no 1 = delay 1 2 = delay 2	0 = no 4 = use exit delay	0 = no 8 = yes see note 2
Entry 7 = fault display + power reset/verification		Entry 8 = entry delay 1/entry delay 2 + exit delay + interior zone type		

ENTRY 9		ENTRY 10		
Alarm Sounds	Use Bell Timeout	Respond as Fire Zone	Trouble Sounds	Chime when Chime Mode On
0 = none 1 = steady keypad 2 = steady bell and keypad 3 = pulsing bell and keypad	0 = no 4 = yes see fields *32, *33	0 = no 8 = yes see zone type 09; see note 4	0 = none 1 = periodic beep 2 = trouble beeps	0 = no 4 = yes
Entry 9 = alarm sounds + bell timeout + fire zone		Entry 10 = trouble sounds + chime		

Entries for Fields *182	
Entry	Zone Type 90 (field *182)
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

To calculate the value for each entry:

Simply add the values of the selected options in each of the entry's columns (one option per column). For example, to program Entry 2 for "alarm response to short," "auto restore on," but not a "vent zone," enter 5 ("1" for alarm short + "4" for auto restore yes + "0" for vent zone no).



NOTES:

- Do not use the "fault delay" option with a configurable zone type if it is set for an entry or exit delay, otherwise unpredictable results may occur.
- To create an interior type zone, select "respond as interior zone type" (entry 8, interior type = yes), and set zone response to "fault" in entries 3-4 to ensure fault displays; do not set as "normal," "alarm," or "trouble."
- Do not set fire zones to respond as a "fault" (entries 1-6), otherwise faults will not display unless the [*] key is pressed.
- RF Zones: The "open" option in entries 1, 3, and 5 is not applicable for RF zones. Use the "intact EOL" option for normal RF zone conditions and "shorted" for off-normal RF zone conditions.

***56 ZONE PROGRAMMING MENU MODE (press *56 while in Program mode)**

<p>SET TO CONFIRM? 0 = NO 1 = YES</p>	<p>We recommend that you select "yes" to confirm the programming of every transmitter. If selected, a prompt appears after entering the serial and loop numbers to confirm each transmitter)</p>
<p>Enter Zn Num. (00 = Quit) 10</p>	<p>Enter the zone number being programmed: 01-06 = wired zones; 09-24 = wireless zones; 49-56 = button zones 91 = addr. device report enable (Enter a report code for zone 91 to enable addressable device reporting. 92 = duress report enable (Enter a report code for zone 92 to enable duress reporting) 95, 96, 99 =emergency zones 00 to quit; [*] to continue</p>
<p>Zn ZT P RC In: L 10 00 1 10 RF: 1</p>	<p>Summary Screen for the selected zone is displayed. "IN: L" = input type and loop; "HW: RT" = basic wired zone configuration (EOL, NO, NC) and response time [*] to continue</p>
<p>10 Zone Type Perimeter 03</p>	<p>Enter the desired ;zone type from the list below. If 00 is entered, Delete Zone ? is displayed. 00 = Not used 07 = 24-Hr Audible 20 = Arm-STAY* 01 = Entry/exit #1 08 = 24-Hr Aux 21 = Arm-AWAY* 02 = Entry/exit #2 09 = Fire 22 = Disarm* 03 = Perimeter 10 = Interior w/Delay 23 = No Alarm Resp* 04 = Interior Follower 12 = Monitor Zone 24 = Silent Burglary 05 = Trouble Day/Alarm Night 14 = Carbon Monoxide 77 = Keyswitch 06 = 24-Hr Silent 16 = Fire w/Verify 81 = AAV Monitor Zone *5800 button-type transmitters only 90 = Configurable</p>
<p>10 Report Code 1st 01 2nd 00 10</p>	<p>Enter the report code for this zone, which consists of 2 hexadecimal digits, each in turn consisting of two numerical digits. For example, for a report code of "10," enter 01 and 00. For Contact ID®, entering any non-zero entry as the first digit enables the report code for this zone. 1-9, #+10 for 0, #+11 for B, #+12 for C, #+13 for D, #+14 for E, #+15 for F 00 to disable; [*] to continue</p>
<p>02 HARDWIRE TYPE EOL 0</p>	<p>This prompt appears only for zone numbers 01-06. Enter the desired hardwire type: 0 = EOL; 1 = NC; 2 = NO [*] to continue</p>
<p>02 Response Time 1</p>	<p>This prompt appears only for hard-wired zones 01-06 (zone 02 is used as an example in display). Enter the desired response time for this zone: 0 = 10mSec; 1 = 350mSec; 2 = 700mSec; 3 = 1.2 seconds [*] to continue</p>
<p>10 INPUT TYPE RF TRANS 3</p>	<p>This prompt is skipped for zones 1-6. Select the desired input type for the transmitter zone being programmed (some transmitters have more than one input loop, each requiring its own zone; e.g., a 5804's four inputs requires four zones). 3 = RF (supervised RF transmitter; sends fault, restore, and low-battery signals, and sends periodic check-in signals; transmitter must stay within receiver's range) 4 = UR (unsupervised RF transmitter; sends fault, restore, and low-battery signals, but does not send periodic check-in signals; transmitter may be carried off-premises) 5 = BR (unsupervised button type RF transmitter; sends fault and low battery signals when activated, does not send restore or check-in signals; transmitter may be carried off-premises) [*] to continue</p>
<p>NOTES:</p> <ul style="list-style-type: none"> For the built-in basic wired zones, the Input Device type is automatically displayed as HW and cannot be edited. 	
<p>10 INPUT S/N: L A022-4064 1</p>	<p>For wireless transmitters, enroll the serial number and loop number. 1. a. Transmit two open/close sequences. If using a button-type transmitter, press and release the button twice, but wait about 4 seconds before pressing the button the second time. OR b. Manually enter the 7-digit serial number printed on the label of the transmitter. Press the [*] key to move to the "L" position, then enter the loop number (see Loop Identification chart on back cover). If desired, you can press the [C] key to copy the previously enrolled serial number (used when programming a transmitter with several input loops). The cursor moves to the loop number position. c. To delete an existing serial number, enter 0 in the loop number field. The serial number will change to 0's. If 0 was entered in error, simply re-enter the loop number or press [#], and the serial number will return to the display. 2. Press [*] to continue. The system now checks for a duplicate serial/loop number combination.</p>
<p>10 INPUT S/N L A022-4064 1</p>	<p>If the serial/loop number combination is not a duplicate in the system, a display showing the serial number and loop number entry appears. [*] to continue</p>
<p>XMIT TO CONFIRM PRESS * TO SKIP</p>	<p>This prompt will only appear if you answered "Yes" at the "SET TO CONFIRM" prompt. The system now 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. [*] to continue</p>

Entd A022-4063 1 Rcvd A022-4064 1	If the serial number transmitted does not match the serial number entered, a display similar to the one shown appears. If the loop number does not match, it will also be displayed. If so, activate the loop input or button on the transmitter once again. If a match is not obtained (i.e., summary display does not appear), press the [#] key twice and then enter (or transmit) the correct serial number. [*] to continue
Zn ZT RC In: L 10 03 10 RF: 1s	If the serial number transmitted matches the serial number entered, the keypad will beep 3 times and a summary display will appear, showing that zone's programming. Note that an "s" indicates that a transmitter's serial number has been enrolled. [*] to accept the zone information and continue
PROGRAM ALPHA? 0 = NO 1 = YES 0	If you want to program descriptors for the zone now, enter 1 (yes) and refer to the *82 Descriptor Programming section for procedures. To program descriptors later, enter 0 (no). [*] to continue
ENTER ZN NUM. (00 = QUIT) 11	If 0 (No) was entered at the Program Alpha prompt, the system will return you to the ZONE NUMBER prompt. Repeat these steps for each zone in the system. When all zones have been programmed, enter 00 as the zone number to quit. [*] to continue

***58 EXPERT PROGRAMMING MODE (press *58 while in Data Programming mode)**

SET TO CONFIRM? 0 = NO 1 = YES	We recommend that you select "yes" to confirm the programming of every transmitter. If selected, a prompt appears after entering the serial and loop numbers to confirm each transmitter)
Zn ZT RC HW: RT 01 09 10 EL 1	A summary screen will appear, showing zone 1's currently programmed values. Enter the zone number being programmed, then press [*]. In this example, zone 10 is being entered (see Zone Number prompt in *56 Menu Mode for zone numbers). [D] = for assigning wireless key programming templates (see Wireless Key Programming Templates section below); lets you choose from a series of preset templates for easy programming of wireless key zones 00 = quit (when all zones have been programmed, press "00" to quit this menu mode) [*] to continue
Zn ZT RC IN: L 10 00 10 RF -	A summary screen with the selected zone's current programming appears. Begin programming zone information as follows: Enter Zone Type (ZT; see Zone Types listed in *56 Menu Mode "Zone Type" prompt), Report Code (RC), and Input Device Type (IN)* sequentially (Loop Number (L) is entered at the next prompt). • Use the [A] (Advance) and [B] (Back) keys on the keypad to move the cursor within the screen. • Use the [C] key to copy the previous zones attributes. * If HW (hardwired) or AW (Auxiliary) is entered for Input Device Type, the display will be similar to the prompt shown, except that HW or AW will be under "IN". Press [*] to save the programming and continue. If needed, press the [#] key to back up without saving. For wireless devices (input types RF, UR, BR), continue to the serial number/loop number prompt. For wired devices, return to the initial summary screen prompt to begin programming the next zone.
10 INPUT S/N: L AXXX-XXX -	Manually enter the serial number (found on the transmitter label), by typing digits in the "X" locations, using the [A] (advance) or [B] (back) keys as required. OR Transmit two open/close sequences. If using a button-type transmitter, press and release the button twice, but wait about 4 seconds before pressing the button the second time. If you want to copy the previous zone's serial number, press the [C] key. Press [*] to advance to the loop number, then enter loop number. Press [*] to accept the existing serial and loop number and continue to the "Confirm" prompt described in *56 Menu mode above. If necessary, press [#] to back up and re-enter or edit the serial number. If the serial number transmitted matches the serial number entered, the keypad will beep 3 times and a summary display will appear, showing the programmed information for that zone. Press [*] to begin programming the next zone. See first "Summary Screen" prompt paragraph.
Zn ZTP RC In L 10 03 1 10 RF: 1s	

WIRELESS KEY PROGRAMMING TEMPLATES (press the [D] key from *58 Menu mode Summary Screen display)

This procedure programs the wireless keys, **but a key is not active for arming/disarming until it is assigned to a user number** (see System Operation section, assigning attributes command in the Installation Instructions).

TEMPLATE ? 1-6 1	Enter desired template number 1-6 (see chart on previous page). Press [#] if you want to return to *58 Menu mode Summary Screen. If necessary, press [#] to back up and re-enter template number. Press [*] to continue to template display.
L 01 02 03 04 T 23 22 21 23	The selected template is displayed. Top line of display represents loop numbers, bottom line represents zone type assigned for each loop. Press [*] to accept template and continue.
ENTER START ZONE 00 = QUIT 36	The system will search for the highest available consecutive 4-zone group (the four zones in the case of the 5804 and 5804BD), and display the lowest zone number of the group. If you want to start at a different zone, enter the zone desired, and press [*]. 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 will again display a suggested zone that can be used. If the required number of consecutive zones is not available at all, the system will display "00". Press [*] to accept and continue.

INPUT S/N L AXXX-XXXX -	Manually enter the serial number printed on the label for the wireless key or press and release the button to transmit its serial number. Press [*] to accept the serial number. The system will check for duplicate. If necessary, press the [#] key to back up without saving, and re-enter the serial number. Use the [A] key to move forward within the screen, and the [B] key to move backward.
---	--

XMIT TO CONFIRM PRESS * TO SKIP	If "Yes" was entered at the SET TO CONFIRM? prompt (first prompt following entry into the *58 Expert Programming Mode), this display appears. Confirm serial and loop numbers by activating the wireless key. Refer to the "Confirm" prompt described in *56 Menu mode above for more information on confirming the serial number. If the serial number transmitted matches the serial number entered, the keypad will beep 3 times and will return you to the ENTER START ZONE NUMBER prompt to enter the starting zone for the next wireless key. IMPORTANT: When confirmed, the key is not active for arming/disarming until it is assigned to a user number (using the assigning attributes command, attribute "4"). See System Operation section in Installation Instructions. [*] to skip confirm.
------------------------------------	---

Wireless Key Predefined Default Templates

For 5804	Loop	Function	Zone Type	For 5804BD	Loop	Function	Zone Type
TEMPLATE 1	1	No Response	23	TEMPLATE 4	1	No Response	23
	2	Disarm	22		2	No Response	23
	3	Arm Away	21		3	Arm Away	21
	4	No Response	23		4	Disarm	22
TEMPLATE 2	1	No Response	23	TEMPLATE 5	1	No Response	23
	2	Disarm	22		2	Arm Stay	20
	3	Arm Away	21		3	Arm Away	21
	4	Arm Stay	20		4	Disarm	22
TEMPLATE 3	1	24-hour audible	7	TEMPLATE 6	1	24-hour audible	7
	2	Disarm	22		2	Arm Stay	20
	3	Arm Away	21		3	Arm Away	21
	4	Arm Stay	20		4	Disarm	22

***57 FUNCTION KEY PROGRAMMING MODE (press *57 while in Data Programming mode)**

Press Key to Pgm 0 = Quit 0	Press the desired function key, A-D. NOTE: A key programmed as a function key is no longer available to be used as an end-user macro key or panic key. [*] to continue
---	---

Key "A" Func Zone 95 00	Enter the desired function for this key: 00 = For the Function key selected, the function will be as follows (system default): If A selected = Zone 95 (emergency key, same as [1] [*] pair) If B selected = Zone 99 (emergency key, same as [*] [#] pair) If C selected = Zone 96 (emergency key, same as [3] [#] pair) If D selected = Single-button paging 01 = Single-button paging (sends a 999-9999 message to pager) 02 = Display time 03 = Arm AWAY (reports as User 00 if closing reports are enabled) 04 = Arm STAY (reports as User 00 if closing reports are enabled) 05 = Arm NIGHT-STAY (reports as User 00 if closing reports are enabled) 06 = Step Arming (arms STAY, then NIGHT-STAY if enabled by listing zones in Zone List 5, then AWAY) 07 = Output Device Command (for device programmed as system operation type 66 in *80 Menu Mode) 08 = Communication Test (sends Contact ID code 601) 09= Macro Key (defined by [#] [6] [6] command) [*] to continue; returns to key number prompt with the next function key letter displayed.
---	--

***79 OUTPUT DEVICE MAPPING (press *79 while in Data Programming Mode)**

ENTER OUTPUT NO. 00 = QUIT xx	Enter the logical (or reference) relay number as used in the system. 01-04 = relays; 17-18 = on-board triggers (can be programmed for inverted output; see next prompt) [*] to continue
---	---

17 OUT NORM LOW 0 = NO 1 = YES 0	This prompt appears only for triggers 17 and 18. 0 = no (standard default); sets the trigger output level normally high 1 = yes; sets the trigger output normally low (can be used for resetting 4-wire smoke detectors by connecting trigger wire to the negative power terminal of the smoke detector, selecting 1 at this prompt, and setting as zone type 54, fire zone reset, in *80 Menu mode) [*] to return to Output Number prompt
--	---

XX OUTPUT TYPE DELETE? 0	Enable or delete this output. 0 = delete this output number; 1 = enable output [*] to continue
--	--

XX MODULE ADDR 07-15 yy	Enter the module's predefined address "12" (set the module's DIP switches to "12"). [*] to continue
---	--

XX REL POSITION 1-4 zz	Enter the actual (or physical) relay number, 1-4, with respect to the Relay Module upon which it is located. [*] to return to the Output Number prompt for programming the next device
--	---

***80 OUTPUT DEFINITION MODE (press *80 while in Data Programming mode)**

Output Funct. # (00 = Quit) 01	Enter the output function number to be defined 01-12 = output function number [*] to continue; 00 = exit				
01 A E Trig ?00 0 0 -ZL=00	This screen displays a summary of the current output programming A = Output Action; E = Triggering event; Trig = Trigger type Question mark indicates the device shown has not been mapped. Use *79 Menu mode to map the device. [*] to continue				
01 Activated By: Zone List	Select where the initiating event for this output definition is to occur. 0 = delete (deletes the output function and any previous programming) <table border="1"><tr><td>Delete?</td><td>To delete this output definition, press 1.</td></tr><tr><td>0 = NO, 1 = YES</td><td>If you do not want to delete this output, press 0.</td></tr></table> 1 = zone list (go to "A" prompt); 2 = zone type (go to "B" prompt); 3 = zone number (go to "C" prompt) [*] to continue	Delete?	To delete this output definition, press 1.	0 = NO, 1 = YES	If you do not want to delete this output, press 0.
Delete?	To delete this output definition, press 1.				
0 = NO, 1 = YES	If you do not want to delete this output, press 0.				
"A" 01 Zn List 1	If zone list was selected, this screen appears. Otherwise skip to the next prompt. Enter the desired zone list number associated with this output number: 01-08 = zone list (Do not use pager zone list 09 in output definitions) Enter the zone list event that will activate this output: <table border="1"><tr><td>Enter Event</td><td>0 = restore; 1 = alarm;</td></tr><tr><td>Alarm 1</td><td>2 = fault; 3 = trouble</td></tr></table> NOTE: For alarm, fault, and trouble, an event on ANY zone in the list activates the output, but ALL zones in the list must be restored before the output is restored. Press [*] to continue and skip to the "Output Action" prompt.	Enter Event	0 = restore; 1 = alarm;	Alarm 1	2 = fault; 3 = trouble
Enter Event	0 = restore; 1 = alarm;				
Alarm 1	2 = fault; 3 = trouble				
"B" 01 Enter Zn type Perimeter 03	If zone type was selected, this screen appears. Otherwise skip to the next prompt. Enter the desired zone type for this output number. See list below *80 Worksheet for zone types. Press [*] to continue and skip to the "Output Action" prompt.				
"C" 01 Enter Zn No. 12	If zone number was selected, this screen appears. Enter the desired zone number associated with this output number. Press [*] to continue. Enter the zone event that will activate this output. <table border="1"><tr><td>01 Enter Event</td><td>0 = restore; 1 = alarm/fault/trouble</td></tr><tr><td>Restore 0</td><td></td></tr></table> Press [*] to continue to the "Output Action" prompt	01 Enter Event	0 = restore; 1 = alarm/fault/trouble	Restore 0	
01 Enter Event	0 = restore; 1 = alarm/fault/trouble				
Restore 0					
01 Output Action Close for 2 sec 1	Enter the desired device action as listed below. 0 = off 1 = Close for 2 seconds 2 = Stay Closed 3 = Pulse 1 sec ON, 1 sec OFF 4 = Change Device State 5 = Duration 1 (see data field *177) 6 = Duration 2 (see data field *177) Press [*] to continue.				
Enter Output No. R02 02	Enter the device output number (programmed in *79 Menu Mode) you want associated with this output. 01-04 = output no. 17-18 = on-board triggers Press [*] to continue.				
02 A E P TRIG R02 1 1 3 ZL=1	A summary screen appears showing the programmed settings. Press [*] to return to output function number prompt.				
*81 ZONE LIST PROGRAM MODE (press *81 while in Data Programming mode)					
Zone List No. (00 = Quit) 01	Enter the Zone List Number to program (or 00 to end these entries). 01-09 = zone list number [*] to continue				
01 Enter Zn Num. (00 = Quit) 00	Enter each zone number followed by [*] to add each zone to the zone list. 01-06 = wired zones; 09-24 = wireless zones; 49-56 = button zones 91 = addr. device report enable (Enter a report code for zone 91 to enable addressable device reporting. 92 = duress report enable (Enter a report code for zone 92 to enable duress reporting) 95, 96, 99 = emergency zones 00 to continue IMPORTANT: Do not include fire zones in zone lists that are used to STOP device actions.				
01 Del Zn List? 0 = No 1 = Yes 0	0 = don't delete list; current zone list remains saved 1 = delete this zone list; All zones in the zone list will be deleted automatically and the system returns to the Zone List No. prompt. [*] to continue				

01 Delete Zone? 0 = No 1 = Yes 0

0 = don't delete zones; save zone list and return to the Zone List No. prompt.
1 = go to next prompt to delete zones
[*] to continue

01 Zn to Delete? (00 = Quit) 00

Enter each zone to be deleted from the list
01-64 = zones to be deleted from list followed by [*] to accept each zone
00 when done to return to the Zone List No. prompt

NOTES:

- Any list may include any or all of the system's zone numbers.
- A zone list can be assigned to more than one output relay.
- When creating zone list 4 for cross zoning, include only zones assigned to zone types 3, 4, or 5. Do not include zones that have delays (entry/exit zones, interior w/delay) or 24-hour zones, as these zone types may produce unpredictable operation and may not function as intended. See field *85 for Cross Zone Timer option.
- Zone List 6: **VISTA-10PSIA**: See field *50 for Dial Delay Disable option.
- Zone List 7: **VISTA-10PSIA**: See field *93 for Unlimited Reports option.

***82 ZONE DESCRIPTOR PROGRAMMING MODE (press *82 while in Data Programming mode)**

Program Alpha ? 0=No, 1=Yes 0

Press 1 to program descriptors.
0 = exit this mode

Custom Words ? 0=No, 1=Yes 00

To program standard alpha descriptors from the fixed vocabulary, press 0. The system will then automatically display the descriptor for zone 1.
To define custom words (described below in "Adding Custom Words" section), press 1.

* ZN 01

Summary screen of zone 1 descriptor (if programmed) is displayed.
Press [*] to start blinking cursor at zone number, then enter the zone number for which the descriptor is being programmed.

- If a descriptor is programmed for that zone, it is displayed.
- To delete or change a previously programmed descriptor, press [*] plus the same zone number. This will clear that descriptor and move the cursor to the first word position.
- If you do not wish to change the existing descriptor, enter [*] plus the next zone number for which you wish to enter (or check) a descriptor. A summary display for that zone will appear. You must then press [*] plus the same zone number again to program a descriptor for that zone.
- If no descriptor has been programmed for that zone, the cursor moves to first word position.

* ZN 01 <input type="checkbox"/>

Select first word of descriptor:
Press [#] plus the 3-digit index number for the first word from the Alpha Vocabulary List. See index for entries.
Example: The descriptor that we wish to enter for zone 1 is BACK DOOR. From the list, BACK = 013.
Therefore, you would enter #013.
NOTE: If you enter the wrong word, simply press [#] plus the correct 3-digit number for the word you want.

* ZN 01 BACK <input type="checkbox"/>
--

Save first word of descriptor:
6 = save word and go to next word in this descriptor
8 = save word and end descriptor if this is the only word used for the descriptor - go to summary screen

* ZN 01 BACK <input type="checkbox"/> DOOR

Enter the 3-digit number for the next word. In the example, the word is DOOR, whose number is "057."
See index for entries.
[*] to continue

* ZN 01 BACK DOOR <input type="checkbox"/>

Save second word of descriptor:
6 = save word and go to next word in this descriptor
8 = save word and end descriptor if this is the only word of the descriptor - go to summary screen
The two words in the example have now been entered. Note, however, that up to three words may be entered (provided the number of characters will fit on the screen).

* ZN 01 BACK DOOR

Summary Screen
The blinking cursor will disappear, indicating that the word(s) are stored in memory for that zone.
To enter a descriptor for the next zone, press [*] plus the desired zone number (e.g., *02).
The summary display for that zone will appear.
Repeat the previous steps to enter the descriptor for the next zone.

To exit the Alpha descriptor mode, enter zone "00" at the summary display, which returns you to the Program Alpha prompt. Enter "0" at that prompt to exit.

Adding Custom Words (will not be annunciated by 4285/4286 Phone Module)

Program Alpha ?
0=No, 1=Yes 0

The "Program Alpha ?" prompt will appear.
1 = program zone descriptors, custom message, or reminder words
[*] to continue; 0 = exit

Custom Words ?
0=No, 1=Yes 0

Custom words let you assign custom zone descriptors, a custom message (which replaces the "DISARMED READY TO ARM" message), and "reminder" words (for Scheduling mode, event "10").
NOTE: Do not assign reminder words if using fixed-word keypads.
1 = yes, program custom words or reminder words; 0 = no, go to zone descriptors (see above)
If "1" selected, enter the 2-digit custom word number (01-10, or 11 for custom message) to be programmed, corresponding to index numbers 245 - 254 respectively (for example, if you are creating the first custom word or word-string, enter 01, for the second, enter 02, etc.). A cursor appears at the beginning of the second line.

Custom? 00

01-07 = custom words; 08-10 = "reminder" words used with scheduling mode
11 = custom message (replaces "DISARMED READY TO ARM" message)

Custom? 01

A cursor appears at the beginning of the second line.

Special Keys: [6] = accept character and move cursor to next position to right
[4] = move cursor to left
[8] = save custom word

1. Refer to the Character Chart on the next page.
Press [#], followed by the two-digit entry for the first letter you want to display (e.g., # 6 5 for "A").
Press [6] to accept the character and move the cursor to the right, in position for the next character.
2. Repeat Step 1 to enter the next characters until the desired custom word is entered. You can use the [4] key to move the cursor to the left, if necessary.
Each custom word can be a maximum of 10 characters.
3. When done, press the [8] key to save the custom word and return to the "Custom ?" prompt.
4. Repeat steps 1-3 to enter other custom words. To change a custom word, simply overwrite it.
To exit, enter "00," which returns you to the Program Alpha prompt. Enter "0" at that prompt to exit.

ALPHA VOCABULARY LIST (For Entering Zone Descriptors)

000 (Word Space)	• 057 DOOR *	• 106 - L -	• 155 - R -	• 209 - V -
• 001 - A -	• 059 DOWN	• 107 LAUNDRY *	155 RADIO	209 VALVE
• 002 AIR	• 060 DOWNSTAIRS	• 108 LEFT	• 156 REAR	210 VAULT
• 002 ALARM *	061 DRAWER	108 LEVEL	157 RECREATION	212 VOLTAGE
004 ALLEY	• 062 DRIVEWAY	• 109 LIBRARY *	159 REFRIGERATION	- W -
005 AMBUSH	• 064 DUCT	• 110 LIGHT	160 RF	213 WALL
• 006 AREA	- E -	111 LINE	• 161 RIGHT	214 WAREHOUSE
• 007 APARTMENT	• 065 EAST	• 113 LIVING *	• 162 ROOM *	• 216 WEST
• 009 ATTIC *	066 ELECTRIC	• 114 LOADING	163 ROOF	• 217 WINDOW *
010 AUDIO	067 EMERGENCY *	115 LOCK	- S -	• 219 WING
- B -	068 ENTRY	116 LOOP	164 SAFE	220 WIRELESS
• 012 BABY *	• 069 EQUIPMENT	117 LOW	165 SCREEN	- X -
• 013 BACK *	• 071 EXIT *	• 118 LOWER	166 SENSOR	222 XMITTER
• 014 BAR	072 EXTERIOR	- M -	• 167 SERVICE	- Y -
• 016 BASEMENT *	- F -	• 119 MACHINE	• 168 SHED *	223 YARD
• 017 BATHROOM *	• 073 FACTORY	121 MAIDS	169 SHOCK	- Z -
• 018 BED	075 FAMILY	122 MAIN *	• 170 SHOP *	224 ZONE (No.)
• 019 BEDROOM *	• 076 FATHERS	• 123 MASTER *	171 SHORT	• 225 ZONE *
020 BELL	• 077 FENCE	• 125 MEDICAL *	• 173 SIDE *	• 226 0
• 021 BLOWER	• 079 FIRE *	126 MEDICINE	174 SKYLIGHT	• 227 1
• 022 BOILER	• 080 FLOOR *	128 MONEY	175 SLIDING *	• 228 1ST *
023 BOTTOM	081 FLOW	129 MONITOR	• 176 SMOKE *	• 229 2
025 BREAK	082 FOIL	• 130 MOTHERS	• 178 SONS	• 230 2ND *
• 026 BUILDING	• 083 FOYER	• 131 MOTION *	• 179 SOUTH	• 231 3
- C -	084 FREEZER	132 MOTOR	180 SPRINKLER	• 232 3RD *
028 CABINET	• 085 FRONT *	- N -	• 182 STATION	• 233 4
• 029 CALL	- G -	• 134 NORTH	184 STORE	• 234 4TH
030 CAMERA	• 089 GARAGE *	135 NURSERY	• 185 STORAGE *	• 235 5
031 CAR	• 090 GAS	- O -	186 STORY	• 236 5TH
033 CASH	091 GATE	• 136 OFFICE *	190 SUPERVISED *	• 237 6
034 CCTV	• 092 GLASS	• 138 OPEN *	191 SUPERVISION	• 238 6TH
035 CEILING	093 GUEST	139 OPENING	192 SWIMMING	• 239 7
036 CELLAR	094 GUN	• 140 OUTSIDE	193 SWITCH	• 240 7TH
• 037 CENTRAL	- H -	142 OVERHEAD	- T -	• 241 8
038 CIRCUIT	• 095 HALL *	- P -	194 TAMPER	• 242 8TH
• 040 CLOSED *	• 096 HEAT	143 PAINTING	196 TELCO	• 243 9
• 046 COMPUTER	098 HOLDUP	• 144 PANIC *	197 TELEPHONE	• 244 9TH
047 CONTACT	099 HOUSE	145 PASSIVE	• 199 TEMPERATURE	245 Custom Word #1
- D -	100 INFRARED	• 146 PATIO *	200 THERMOSTAT	246 Custom Word #2
• 048 DAUGHTERS	• 101 INSIDE *	147 PERIMETER	• 201 TOOL	247 Custom Word #3
049 DELAYED	102 INTERIOR	• 148 PHONE	202 TRANSMITTER	248 Custom Word #4
• 050 DEN *	103 INTRUSION	150 POINT	- U -	249 Custom Word #5
051 DESK	- J -	151 POLICE *	• 205 UP	250 Custom Word #6
• 052 DETECTOR *	104 JEWELRY	152 POOL *	• 206 UPPER	251 Custom Word #7
• 053 DINING *	- K -	• 153 POWER	• 207 UPSTAIRS *	252 Custom Word #8
054 DISCRIMINATOR	• 105 KITCHEN *		• 208 UTILITY *	253 Custom Word #9
055 DISPLAY				254 Custom Word #10

NOTE: Bulleted (*) words in **boldface type** are those that are also available for use by the 4285/4286 Phone Module. If using a Phone module, and words other than these are selected for Alpha descriptors, the module will not provide annunciation of those words. *Italicized* words followed by an asterisk indicate those words supported by the 6160V/6150V Voice Keypads

CHARACTER (ASCII) CHART (For Adding Custom Words)

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

SCHEDULING MODE

Start Scheduling mode by entering installer code + [#] + [6] [4] while in normal operating mode.

NOTE: The master code can only access schedules 01 and events 00-07.

<div style="border: 1px solid black; padding: 2px;"> ENTER SCHED NO. 00=QUIT 00 </div>	Enter the desired schedule number. 01 = end-user schedule; 02 = installer-only schedule; 00 = exit scheduling mode [*] to continue
<div style="border: 1px solid black; padding: 2px;"> ENTER EVENT CLEAR EVENT 00 </div>	Enter the desired event number for event you want to occur at a specified time. Events 10-11 are reserved for the installer only. 00 = clear event 01 = Relay On/Off 02 = User Access 03 = Latch Key Report to Pager (sent to all pagers; message sent is 777-7777; user must be enabled for paging and system must be armed before reporting can occur.) 04 = Forced Stay Arming (forced bypass is automatically enabled regardless of setting in field *23) 05 = Forced Away Arming (forced bypass is automatically enabled regardless of setting in field *23) 06 = Auto Disarm 07 = Display "Reminder" 10 = Display custom words (system displays custom words 8, 9, and 10 at defined time; can be used as installer's reminder message to the end user) 11 = Periodic Test Report [*] to continue
<div style="border: 1px solid black; padding: 2px;"> NOTE: Events 07 and 10 cause the keypad to beep every 30 seconds when messages are displayed. Stop the beeps by pressing any key. </div>	
<div style="border: 1px solid black; padding: 2px;"> DEVICE NUMBER XX </div>	This prompt appears if event "1" (relay on/off) was selected, otherwise it is skipped. Enter the physical device number as programmed in *79 Menu Mode. 01-04 = device number; 17, 18 = built-in triggers 1 and 2 respectively [*] to continue to the "Start" prompt
<div style="border: 1px solid black; padding: 2px;"> GROUP NUMBER X </div>	This prompt appears if event "2" (user access) was selected. Otherwise it is skipped. 1-8 = group number [*] to continue to the "Start" prompt
<div style="border: 1px solid black; padding: 2px;"> START SMTWTFS HH MMAM 0010000 </div>	Enter the event's start time and days of the week to occur. 01-12 = hour; 00-59 = minute; 0 = AM; 1 = PM Days = position the cursor under the desired days using the [*] key to move forward, then press "1" to select the desired day(s) [*] to continue
<div style="border: 1px solid black; padding: 2px;"> STOP SMTWTFS HH MMAM 0010000 </div>	Enter the event's stop time and days of the week to occur. This entry applies only to the following events: 1 (relay on/off); 2 (user access); 3 (latch key report) 01-12 = hour; 00-59 = minute; 0 = AM; 1 = PM Days = position the cursor under the desired days using the [*] key to move forward, then press "1" to select the desired day(s) [*] to continue
<div style="border: 1px solid black; padding: 2px;"> REPEAT OPTION 0-4 X </div>	Enter the desired repeat option for this schedule. e.g., To make a schedule that happens everyday you would select all days with a repeat count of 1. To make a schedule that runs for one week then stops, select everyday with a repeat count of 0. 0 = do not repeat; 1 = repeat schedule weekly; 2 = repeat schedule biweekly (every other week) 3 = repeat every 3rd week; 4 = repeat every 4th week [*] to continue
<div style="border: 1px solid black; padding: 2px;"> RANDOMIZE 0=NO 1=YES X </div>	Select whether you want this schedule to start and stop at random times. If selected, the scheduled start and stop times will vary within 60 minutes of the "hour" time. For example, if a schedule is set to start at 6:15pm, it will do so the first time 6:15pm arrives, but on subsequent days it will start anytime between 6:00 and 6:59 p.m. [*] to continue NOTE: Do not use the random option if the start and stop times are within the same "hour" setting, otherwise unpredictable results may occur (e.g., the randomized stop time may occur before the start time).

OUTPUT RELAYS WORKSHEETS FOR *79, *80 and *81 (Applicable only if Relays are to be used)

*79 RELAY MAPPING WORKSHEET (Must program before using *80)

Output No.	Module Addr.	Pos (1-4)	Description
01	12		
02	12		
03	12		
04	12		
17	On-Board Trigger 1: Norm output =		
18	On-Board Trigger 2: Norm output =		

*80 OUTPUT DEFINITIONS WORKSHEET

Output Function Number 1-12	Activation Type and Detail				Event (for zone list/activated by)		Action 0 = off 1 = close 2 secs 2 = stay closed 3 = pulse 4 = toggle 5 = duration 1†† 6 = duration 2††	Output Number 1-4 17, 18	Device Type R = relay T = trigger
	Activated by 0=delete 1=zn list 2=zn type 3=zn no.	Zone List (ZL) 1-8 = list	Zone Type (ZT) (see table below)	Zone No. (ZN) 00=none 01-06, 09-24 49-56	By Zone List 0 = restore 1 = alarm 2 = fault 3 = trouble	By Zone No. 0 = restore 1 = alarm/flt/trbl			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

ZONE TYPE/SYSTEM OPERATION – Choices for Zone Types are:

- | | | | |
|------------------------|------------------------------|--------------------------|-----------------------|
| 00 = Not Used | 05 = Trouble Day/Alarm Night | 10 = Interior w/Delay | 24 = Silent Burglary |
| 01 = Entry/Exit#1 | 06 = 24 Hr Silent | 12 = Monitor Zone | 77 = Keypad |
| 02 = Entry/Exit#2 | 07 = 24 Hr Audible | 14 = Carbon Monoxide | 81 = AAV Monitor Zone |
| 03 = Perimeter | 08 = 24 Hr Aux | 16 = Fire w/Verification | 90 = Configurable |
| 04 = Interior Follower | 09 = Fire | 23 = No Alarm Response | |

Choices for System Operation are:

- | | | |
|-----------------------------|----------------------------|--------------------------|
| 20 = Arming–Stay | 38 = Chime | 52 = KISSOFF |
| 21 = Arming–Away | 39 = Any Fire Alarm | 54 = Fire Zone Reset |
| 22 = Disarming (Code + OFF) | 40 = Bypassing | 58 = Duress |
| 31 = End of Exit Time | 41 = AC Power Failure | 60 = AAV Trigger |
| 32 = Start of Entry Time | 42 = System Battery Low | 66 = Function key† |
| 33 = Any Burglary Alarm | 43 = Communication Failure | 67 = Bell Failure |
| 36 = **At Bell Timeout*** | | 68 = Telco Line Fault |
| | | 78 = Keypad Red LED††† |
| | | 79 = Keypad Green LED††† |

Note: In normal operation mode:
Code + # + 7 + NN Key Entry **starts** Device
Code + # + 8 + NN Key Entry **stops** Device

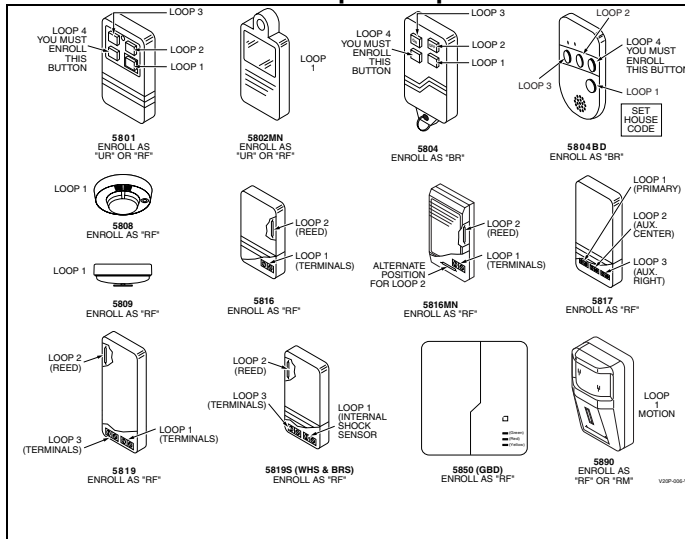
*** Or at Disarming, whichever occurs earlier.
† Use *57 Menu mode to assign the function key.
†† Duration is set in program field *177.
††† Device action not used for these choices.

*81 ZONE LISTS WORKSHEET

Record desired zone numbers below, noting that a list may include *any* or *all* of system's zone numbers.

List No.	Used For...	Contains These Zones...
01	General Purpose (GP)	
02	General Purpose	
03	Chime-by-Zone or GP	
04	Cross Zones	
05	Night-Stay Zones or GP	
06	Dial Delay Disable or GP	VISTA-10PSIA; see field *50 for Dial Delay Disable option
07	Unlimited Reports or GP	VISTA-10PSIA; see field *93 for Unlimited Reports option
08	General Purpose	
09	Zones activating pager	

5800 Series Transmitter Input Loop Identification



Transmitters illustrated have one or more unique factory assigned input (loop) ID codes. Each of the inputs requires its own programming zone (e.g., a 5804's four inputs require four zones).

For information on any transmitter not shown above, refer to the instructions accompanying that transmitter for details regarding loop numbers, etc.

UL NOTE: The following transmitters are not intended for use in UL installations: 5802MN, 5802MN2, 5804, 5804BD, 5814, 5816TEMP, 5819, 5819WHS & BRS, and 5850.

The 5827BD and 5800TM can be used in UL Listed Residential Burglar installation

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