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

<table>
<thead>
<tr>
<th>Task</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Go to a Data Field</td>
<td>Press [*] + [Field Number], followed by the required entry.</td>
</tr>
<tr>
<td>Entering Data</td>
<td>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, <em>42), enter the desired data, then press [</em>] to end the entry. The next data field is displayed.</td>
</tr>
<tr>
<td>Review a Data Field</td>
<td>Press [#] + [Field Number]. Data will be displayed for that field number. No changes will be accepted in this mode.</td>
</tr>
<tr>
<td>Deleting an Entry</td>
<td>Press [<em>] + [Field Number] + [</em>]. (Applies only to fields *40–*44, *94, and pager programming fields)</td>
</tr>
</tbody>
</table>

See respective sections in this document for programming procedures. Press [*] + [Interactive Menu No.] (for example, *56). The alpha display keypad will display the first of a series of prompts.

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

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, di (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

<table>
<thead>
<tr>
<th>This Device</th>
<th>Uses Address</th>
<th>Reports as††</th>
<th>Enabled By…</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF Receiver</td>
<td>00</td>
<td>100</td>
<td>*56 zone programming: input device type entry</td>
</tr>
<tr>
<td>Long Range Radio</td>
<td>03</td>
<td>103</td>
<td>automatic if output to long range radio field *29 enabled</td>
</tr>
<tr>
<td>4268 Voice Module</td>
<td>04</td>
<td>104</td>
<td>automatic if phone module access code field *28 enabled</td>
</tr>
<tr>
<td>4204 Relay Module</td>
<td>12</td>
<td>112</td>
<td>*79 output device programming: entered at device address prompt:</td>
</tr>
<tr>
<td>Keypads:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>keypad 1</td>
<td>16</td>
<td>n/a</td>
<td>data field programming as listed below:</td>
</tr>
<tr>
<td>keypad 2</td>
<td>17</td>
<td>n/a</td>
<td>always enabled, all sounds enabled.</td>
</tr>
<tr>
<td>keypad 3</td>
<td>18</td>
<td>n/a</td>
<td>data field *190</td>
</tr>
<tr>
<td>keypad 4</td>
<td>19</td>
<td>n/a</td>
<td>data field *191</td>
</tr>
<tr>
<td>keypad 5</td>
<td>20</td>
<td>n/a</td>
<td>data field *192</td>
</tr>
<tr>
<td>keypad 6</td>
<td>21</td>
<td>n/a</td>
<td>data field *193</td>
</tr>
<tr>
<td>keypad 7</td>
<td>22</td>
<td>n/a</td>
<td>data field *194</td>
</tr>
<tr>
<td>keypad 8</td>
<td>23</td>
<td>n/a</td>
<td>data field *195</td>
</tr>
<tr>
<td>5800TM Module</td>
<td>28</td>
<td>n/a</td>
<td>automatic</td>
</tr>
</tbody>
</table>

†† Addressable devices are identified by ‘†’ 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.
DATA FIELD PROGRAMMING FORM

Where noted, certain fields have special settings when used with the VISTA-10PSIA (indicated by heavy borders and reverse type throughout for easy identification).

SIA Guidelines: Notes in certain data fields give instructions for programming the VISTA-10P for False Alarm Reduction.

NOTE: Entry of a number other than one specified will give unpredictable results. Values shown in brackets are factory defaults.

**Installer Code**

4 digits, 0-9. Can perform all system functions except cannot disarm unless it is used to arm system.

**Quick Arm Enable**

0 = no quick arm; 1 = allow quick arm (with [k] key)

**RF Jam Option**

0 = no RF Jam detection
1 = send RF Jam report upon detection of RF jamming signal

**Quick (Forced) Bypass**

0 = no quick bypass 
1 = allow quick bypass (code + [6] + [#] )

**RF House ID Code**

00 = disable all wireless keypad usage
01 = disable; UL: must be 0
30-31 = house ID for 5827, 5827BD or 5804BD keypad

**Chime By Zone**

0 = no (chimes on fault of any entry/exit or perimeter zone when chime mode on)
1 = use zone list (chimes on fault of specific zones programmed in relay zone list 3 when Chime mode on; use *81 Menu mode to select zones)

**Access Code For Phone Module**

00 = disable; UL: must be 00 for UL Commercial Burglary inst.

**Long Range Radio Output**

0 = not using LORRA; 1 = using LORRA output

**One Audible Alarm Per Zone**

0 = unlimited sounding; 1 = one alarm sounding per zone

**Fire Almond Sounder Timeout**

0 = sounder stops at timeout programmed in field <33
1 = no sounder timeout; UL: must be 1 for fire install

**Alarm Sounder (Bell) Timeout**

0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min; 4 = 16 min;

UL: For residential fire alarm installation, must be set for a minimum of 4 min (option 1); for UL Commercial Burglary installations, must be minimum 16 min (option 4)

**Exit Delay**

00 - 96 = 0 - 96 secs; 97 = 120 secs; 98 = 180 secs; 99 = 240 secs;

SIA Guidelines: minimum exit delay is 45 seconds

**Entry Delay #1 (zone type 01)**

00 - 96 = 0 - 96 secs; 97 = 120 secs; 98 = 180 secs; 99 = 240 secs;

SIA Guidelines: minimum entry delay is 30 seconds

**Entry Delay #2 (zone type 02)**

See *35 Entry Delay 1 above for entries.

**Audible Exit Warning**

0 = no; 1 = yes; SIA Guidelines: must be enabled (enter 1)

**Confirmation Of Arming Ding**

0 = no ding
1 = confirmation ding after arming system
2 = ding after arming from RF button or RF keypad only

UL: must be 1 for UL Commercial Burglar Alarm inst

**Power Up In Previous State**

0 = always power-up in a disarmed state
1 = assume the system status prior to power down

UL: must be 1; SIA Guidelines: must be enabled (enter 1)

**DIALER PROGRAMMING**

Enter the number of digits shown. Do not fill unused spaces. Enter 0–9; #+11 for “#”; #+12 for “#”; #+13 for a 2-second pause. If fewer than the maximum digits entered, exit the field by pressing [*]. The next field number is displayed.

**PABX Access Code**

Enter up to 6 digits. To clear entries, press #40#. If call waiting used, enter its cancel digits “*” (+#11) 70 plus “*” + 13 (pause).

NOTE: 1. The call waiting disable feature cannot be used on a PABX line.
2. Using call waiting cancel on a non-call waiting line will prevent successful communication to the central station.

**Primary Phone No.**

Enter up to 20 digits. To clear entries, press #41# or #42#

**Secondary Phone No.**

Enter up to 20 digits. To clear entries, press #41# or #42#

**Primary Subs. Acct. No.**

####HHHH/HHHHHHHH####

Enter 4 or 10 digits, depending on selection in *48 Report Format. See box above for entries. To clear entries, press “#43”. To clear, press “#44”.

**Secondary Subs. Acct. No.**

####HHHH/HHHHHHHH####

See *43. To clear, press “#44”.

**Phone System Select**

DIALING NOT On WATS LINE USING WATS LINE

**Report Format**

0 = 3+1, 4+1 ADEMCO L/S STANDARD
1 = 3+1, 4+1 RADIONICS STANDARD
2 = 4+2 ADEMCO L/S STANDARD
3 = 4+2 RADIONICS STANDARD
5 = 10-digit ADEMCO CONTACT ID# REPORTING
6 = 4+2 ADEMCO EXPRESS
7 = 4-digit ADEMCO CONTACT ID# REPORTING
8 = 3+1, 4+1 ADEMCO L/S EXPANDED
9 = 3+1, 4+1 RADIONICS EXPANDED
**SYSTEM STATUS REPORT CODES**

**Exit Error Report Code**  [0]  
See box above for entries.

**Trouble Report Code**  [00]  

**Bypass Report Code**  [00]  

**AC Loss Report Code**  [00]  

**Low Bat Report Code**  [00]  

**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

**Open Report Code**  [0]  

---

**RESTORE REPORT CODES**

**Alarm Restore Rpt Code**  [0]  

**Trouble Restore Rpt Code**  [00]  

**Bypass Restore Rpt Code**  [00]  

**AC Restore Rpt Code**  [00]  

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

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

**Test Restore Rpt Code**  [00]  

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

**Start/End Month**  [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

**Menu Modes (see page 2 for description)**

---

**OUTPUT AND SYSTEM SETUP**

**Cancel Verify Keypad Display**  [1]  

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

**Program Mode Lockout Options**  [0]  

**Event Log Full Report Code**  [00]  
See box above *59 for report code entries.
**Option Selection**

Options: 0 = None Options VISTA-10PSIA
4 = AAV and Exit Delay Restart/Reset
8 = Exit Delay Restart/Reset UL: must be disabled
# +12 = AAV and Exit Delay Restart/Reset
# +13 = 2-sec pause.
# +14 = unlimited reports for zones listed in zone list 7; (use zone list 7
# +15 = 15 min.
To select

---

**Reports In Armed Period**

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

---

**Download Information**

Download Phone No. [15]

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 ".

---

**Ring Count For Downloading**

NOTE: Do not enter "0" if using 4285/4286 Phone Module.
0 = Disable Station Initiated Download
1-14 = number of rings (1-5, # +10 = 10, # +11 = 11,
# +12 = 12, # +13 = 13, # +14 = 14);
15 = answering machine defeat (# +15 = 15).

---

**Initialize/Reset Defaults**

(These are commands, not data fields. See page 2)

---

**Exit Commands**

(These are commands, not data fields. See page 2)

---

**PAGER OPTIONS**

**PAGER 1 Phone No.**

Enter up to 20 digits, 0-9; #+11 for "#"; #+12 for ";#+13 = 2-sec pause.

---

**PAGER 1 Characters**

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

---

**PAGER 1 Report Options**

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

---

**PAGER Delay Option For Alarms**

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

---

**Miscellaneous System Fields**

**Device Duration 1, 2**

(use in "30 Menu mode-Device Actions 5/6)
0 = 15 seconds 6 = 2-1/2 min
1 = 30 seconds 7 = 3 min
2 = 45 seconds 8 = 4 min
3 = 60 seconds 9 = 5 min
4 = 90 seconds # +10 = 6 min
5 = 2 minutes # +15 = 15 min.

---

**60 Hertz AC Operation**

0 = 60 Hz; 1 = 50 Hz

---

**Configure Zone Type Options**

**Zone Type 90 Report Codes**

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

**Zone Type 90 Report Codes**

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.)

**Keypad 2 Device Address 17**

Enable: 0 = disabled; 1 = enabled
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

---

**Keypad 3 Device Address 18**

**Keypad 4 Device Address 19**

**Keypad 5 Device Address 20**

**Keypad 6 Device Address 21**

**Keypad 7 Device Address 22**

**Keypad 8 Device Address 23**

---

**Exit Time Display Interval**

0 = no display; 1-5 = seconds between display refresh

**ECP Fail Display**

0 = 3-digit display (*" + 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.

### Entries for Fields *182

<table>
<thead>
<tr>
<th>Entry</th>
<th>Zone Type 90 (field *182)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
</tr>
</tbody>
</table>

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).

### Zone Conditions Represented in Entries 1-6

<table>
<thead>
<tr>
<th>Intact EOL</th>
<th>Open</th>
<th>Shorted</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF zone N/A</td>
<td>RF zone N/A</td>
<td>RF zone N/A</td>
</tr>
</tbody>
</table>

**NOTES:**

1. 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.
2. 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."
3. Do not set fire zones to respond as a "fault" (entries 1-6), otherwise faults will not display unless the [*] key is pressed.
4. 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.

### Entries for Field *182 (for RF zones)

#### ENTRY 1

<table>
<thead>
<tr>
<th>Entry Zone Type 90 (field *182)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

**NOTES:**

1. 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.
2. 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."
3. Do not set fire zones to respond as a "fault" (entries 1-6), otherwise faults will not display unless the [*] key is pressed.
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### Table Entries 1-6

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<th>Zone Type 90 (field *182)</th>
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<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>8</td>
</tr>
<tr>
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<td>9</td>
</tr>
<tr>
<td>9</td>
<td>10</td>
</tr>
</tbody>
</table>

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).
SET TO CONFIRM?
0 = NO  1 = YES

Enter Zn Num. (00 = Quit) 10

Zn ZT P RC In: L
00 01 10 RF: 1

Enter the zone number being programmed:
0-06 = 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

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

10 Zone Type
Perimeter 03

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
08 = 24-Hr Aux 21 = Arm
09 = Fire 22 = Disarm
23 = No Alarm Resp
24 = Silent Burglary
77 = Keyswitch
81 = AAV Monitor Zone
[*] to continue

10 Report Code
1st 01 2nd 00 10

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.
00 to disable; [*] to continue

02 HARDWIRE TYPE
EOL 0

This prompt appears only for zone numbers 01-06. Enter the desired hardwire type:
0 = EOL: 1 = NC; 2 = NO
[*] to continue

02 Response Time
1

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

10 INPUT TYPE
RF TRANS 3

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

NOTES:
• For the built-in basic wired zones, the Input Device type is automatically displayed as HW and cannot be
edited.

10 INPUT S/N: L
A022-4064 1

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.

10 INPUT S/N: L
A022-4064 1

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

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

Press ★ TO SKIP

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

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.

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

For the built-in basic wired zones, the Input Device type is automatically displayed as HW and cannot be
edited.

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.

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

Press [*] TO SKIP

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

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.

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

For the built-in basic wired zones, the Input Device type is automatically displayed as HW and cannot be
edited.
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.

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.

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).

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.

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

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

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 zones. 00 = quit (when all zones have been programmed, press “00” to quit this menu mode)

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.

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.

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).

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.

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.

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.
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.

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

<table>
<thead>
<tr>
<th>For 5804</th>
<th>Loop</th>
<th>Function</th>
<th>Zone Type</th>
<th>For 5804BD</th>
<th>Loop</th>
<th>Function</th>
<th>Zone Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEMPLATE 1</td>
<td>1</td>
<td>No Response</td>
<td>23</td>
<td>TEMPLATE 4</td>
<td>1</td>
<td>No Response</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Disarm</td>
<td>22</td>
<td></td>
<td>2</td>
<td>No Response</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>No Response</td>
<td>23</td>
<td></td>
<td>4</td>
<td>Disarm</td>
<td>22</td>
</tr>
<tr>
<td>TEMPLATE 2</td>
<td>1</td>
<td>No Response</td>
<td>23</td>
<td>TEMPLATE 5</td>
<td>1</td>
<td>No Response</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Disarm</td>
<td>22</td>
<td></td>
<td>2</td>
<td>Arm Stay</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Arm Stay</td>
<td>20</td>
<td></td>
<td>4</td>
<td>Disarm</td>
<td>22</td>
</tr>
<tr>
<td>TEMPLATE 3</td>
<td>1</td>
<td>24-hour audible</td>
<td>7</td>
<td>TEMPLATE 6</td>
<td>1</td>
<td>24-hour audible</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Disarm</td>
<td>22</td>
<td></td>
<td>2</td>
<td>Arm Stay</td>
<td>20</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
<td></td>
<td>3</td>
<td>Arm Away</td>
<td>21</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Arm Stay</td>
<td>20</td>
<td></td>
<td>4</td>
<td>Disarm</td>
<td>22</td>
</tr>
</tbody>
</table>

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

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**

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 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 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

**ENTER OUTPUT NO.**

00 = QUIT xx

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

**17 OUT NORM LOW**

0 = NO 1 = YES 0

Enable or delete this output.
0 = delete this output number; 1 = enable output
[*] to continue

**XX OUTPUT TYPE DELETE?**

0

Enter the module’s predefined address “12” (set the module’s DIP switches to “12”).
[*] to continue

**XX MODULE ADDR**

07-15 yy

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)

<table>
<thead>
<tr>
<th>Output Funct. #</th>
<th>Enter the output function number to be defined</th>
</tr>
</thead>
<tbody>
<tr>
<td>(00 = Quit)</td>
<td>01 - 12 = output function number</td>
</tr>
<tr>
<td></td>
<td>[*] to continue; 00 = exit</td>
</tr>
</tbody>
</table>

01 A E Trig
700 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)
To delete this output definition, press 1.
If you do not want to delete this output, press 0.
1 = zone list (go to “A” prompt); 2 = zone type (go to “B” prompt); 3 = zone number (go to “C” prompt)
[*] to continue

*A*

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>
<thead>
<tr>
<th>Enter Event</th>
<th>Alarm 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = restore; 1 = alarm; 2 = fault; 3 = trouble</td>
<td></td>
</tr>
</tbody>
</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.

*B*

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*

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>
<thead>
<tr>
<th>Enter Event</th>
<th>Restore 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = restore; 1 = alarm/fault/trouble</td>
<td></td>
</tr>
</tbody>
</table>

Press [*] to continue to the “Output Action” prompt

<table>
<thead>
<tr>
<th>Output Action</th>
<th>Close for 2 sec 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close for 2 sec</td>
<td>1</td>
</tr>
</tbody>
</table>

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)
Enter the device output number (programmed in *79 Menu Mode) you want associated with this output.
17-18 = on-board triggers
Press [*] to continue.

<table>
<thead>
<tr>
<th>Enter Output No.</th>
<th>R02</th>
</tr>
</thead>
<tbody>
<tr>
<td>02 A E P TRIG</td>
<td>R02</td>
</tr>
<tr>
<td>1 1 3 ZL=1</td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Zone List No.</th>
<th>Enter the Zone List Number to program (or 00 to end these entries).</th>
</tr>
</thead>
<tbody>
<tr>
<td>(00 = Quit) 01</td>
<td>01-09 = zone list number [+] to continue</td>
</tr>
<tr>
<td>01 Enter Zn Num.</td>
<td>Enter each zone number followed by [+] to add each zone to the zone list.</td>
</tr>
<tr>
<td>(00 = Quit) 00</td>
<td>01-06 = wired zones; 09-24 = wireless zones; 49-56 = button zones</td>
</tr>
<tr>
<td></td>
<td>91 = addr. device report enable (Enter a report code for zone 91 to enable addressable device reporting.</td>
</tr>
<tr>
<td></td>
<td>92 = duress report enable (Enter a report code for zone 92 to enable duress reporting)</td>
</tr>
<tr>
<td></td>
<td>95, 96, 99 = emergency zones</td>
</tr>
</tbody>
</table>

IMPORTANT: Do not include fire zones in zone lists that are used to STOP device actions.

<table>
<thead>
<tr>
<th>01 Del Zn List?</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 = No 1 = Yes 0</td>
<td>[*] to continue</td>
</tr>
</tbody>
</table>
Delete Zone?
0 = No  1 = Yes  0

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
• Zone List 7: VISTA-10PSIA

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

Program Alpha?
0=No, 1=Yes  0

Custom Words?
0=No, 1=Yes  00

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.

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.

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

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

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).

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)

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.

<table>
<thead>
<tr>
<th>Custom?</th>
<th>00</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-07 = custom words; 08-10 = &quot;reminder&quot; words used with scheduling mode 11 = custom message (replaces &quot;DISARMED READY TO ARM&quot; message)</td>
<td></td>
</tr>
</tbody>
</table>

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 [6], 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)

| Word Space | 000 | 001 | 002 | 004 | 005 | 006 | 007 | 009 | 010 | 028 | 039 | 040 | 042 | 043 | 045 | 046 | 047 | 048 | 050 | 051 | 052 | 053 | 054 | 055 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Program Alpha? | 0 = No, 1 = Yes 0 |
| Custom Words? | 0 = No, 1 = Yes 0 |

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.
### 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.

#### ENTER SCHED NO.

| 00 = QUIT | 00 |

Enter the desired schedule number.

01 = end-user schedule; 02 = installer-only schedule; 00 = exit scheduling mode

| [*] to continue |

#### ENTER EVENT

| CLEAR EVENT 00 |

Enter the desired event number for event you want to occur at a specified time.

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 |

#### DEVICE NUMBER

**XX**

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 |

#### GROUP NUMBER

**X**

This prompt appears if event “2” (user access) was selected. Otherwise it is skipped.

1-8 = group number

| [*] to continue to the “Start” prompt |

#### START SMTWTFS

**HH MMAM 0010000**

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 |

#### STOP SMTWTFS

**HH MMAM 0010000**

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 |

#### REPEAT OPTION

**0-4 X**

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 |

#### RANDOMIZE

**0=NO 1=YES X**

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).
**SCHEDULE WORKSHEET** (installer code + [6]) [4]: master code can only access schedule 01 and events 00-07

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>(user)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>(installer)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Events: Master/Installer
00 = clear event
01 = device on/off
02 = user access
03 = latch key report
04 = forced STAY arm
05 = forced AWAY arm
06 = auto disarm
07 = display “reminder”

Repeat Options: 0 = none; 1 = repeat weekly; 2 = repeat every other week; 3 = repeat every third week; 4 = repeat every fourth week

---

**56 ZONE PROGRAMMING WORKSHEET** [default shown in brackets]

<table>
<thead>
<tr>
<th>Zone</th>
<th>Zn Type</th>
<th>Report</th>
<th>Hardwire Type</th>
<th>Rsp. Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>[01]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>[01]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>[03]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>[03]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>[03]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>[03]</td>
<td>EOL</td>
<td>[1]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTES:**
Zone Type: see chart on page 7;
Hardwire Type (zns 1-6):
0 = EOL
1 = NC
2 = NO
Input Type:
3 = RF (zones 9-24)
4 = UR (zones 9-24)
5 = BR (zones 49-56)
Response Time:
0 = 10msec
1 = 350msec
2 = 700msec
3 = 1.2 sec

Reserved Zones
91 = addressable device report enable/disable
default zone type = [05].
92 = Duress report enable/disable

---

**57 FUNCTION KEY PROGRAMMING WORKSHEET**

<table>
<thead>
<tr>
<th>Option</th>
<th>Function</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Paging</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>Time Display</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>Arm AWAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>Arm STAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05</td>
<td>Arm NIGHT-STAY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06</td>
<td>Step Arming</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>07</td>
<td>Device Activation</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08</td>
<td>Comm. Test</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09</td>
<td>Macro Key</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>00</td>
<td>Emergency Keys:</td>
<td>zone 95</td>
<td>zone 99</td>
<td>zone 96</td>
<td>paging</td>
<td></td>
</tr>
</tbody>
</table>

---
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)

<table>
<thead>
<tr>
<th>Output No.</th>
<th>Module Addr.</th>
<th>Pos (1-4)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>03</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>04</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td></td>
<td>On-Board Trigger 1: Norm output =</td>
</tr>
<tr>
<td>18</td>
<td></td>
<td></td>
<td>On-Board Trigger 2: Norm output =</td>
</tr>
</tbody>
</table>

**80 OUTPUT DEFINITIONS WORKSHEET**

<table>
<thead>
<tr>
<th>Output Function Number 1-12</th>
<th>Activation Type and Detail</th>
<th>Event (for zone list/activated by)</th>
<th>Action</th>
<th>Output Number 1-4</th>
<th>Device Type</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>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 01-99, 99-249 49-56</td>
<td>By Zone List 0 = restore 1 = alarm 2 = fault 3 = trouble</td>
<td>By Zone No. 0 = restore 1 = alarm/flt/trbl</td>
<td>17, 18</td>
<td>R = relay T = trigger</td>
</tr>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>3</td>
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<tr>
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<tr>
<td>10</td>
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<tr>
<td>11</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Choices for System Operation are:</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 = Arming–Stay</td>
</tr>
<tr>
<td>21 = Arming–Away</td>
</tr>
<tr>
<td>22 = Disarming (Code + OFF)</td>
</tr>
<tr>
<td>23 = End of Exit Time</td>
</tr>
<tr>
<td>24 = System Battery Low</td>
</tr>
<tr>
<td>25 = Any Burglary Alarm</td>
</tr>
<tr>
<td>26 = <strong>At Bell Timeout</strong></td>
</tr>
<tr>
<td>27 = Chime</td>
</tr>
<tr>
<td>28 = Any Fire Alarm</td>
</tr>
<tr>
<td>29 = Bypassing</td>
</tr>
<tr>
<td>30 = AC Power Failure</td>
</tr>
<tr>
<td>31 = Communication Failure</td>
</tr>
<tr>
<td>32 = Bell Failure</td>
</tr>
<tr>
<td>33 = Telco Line Fault</td>
</tr>
<tr>
<td>34 = Keyswitch Red LED††</td>
</tr>
<tr>
<td>35 = Keyswitch Green LED††</td>
</tr>
</tbody>
</table>

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

**81 ZONE LISTS WORKSHEET**

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

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