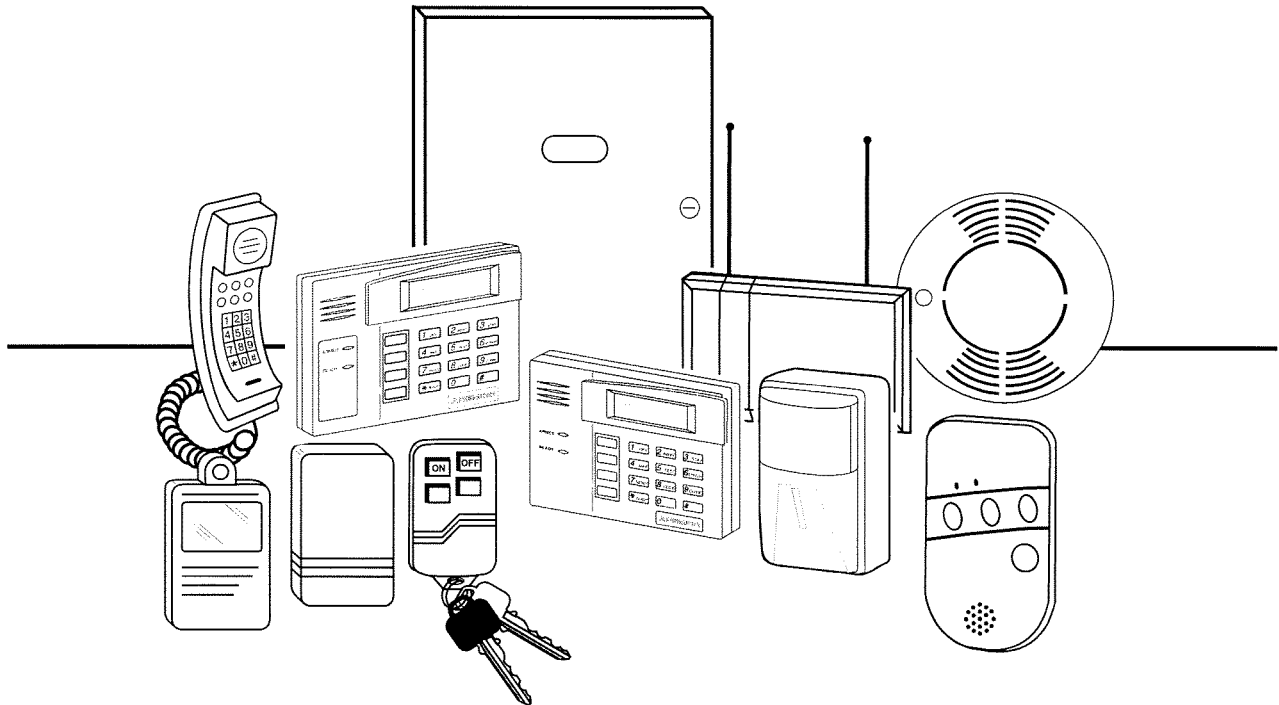


VISTA-10P

Programming Guide



ADEMCO

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–*46, *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.

PROGRAMMING FORM

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

Field	Title / Valid Entries	Programmed Values
-------	-----------------------	-------------------

SYSTEM SETUP

*20	Installer Code	[4112] <input style="width: 40px;" type="text"/>
4 digits, 0-9. Can perform all system functions except cannot disarm unless it is used to arm system.		
*21	Quick Arm Enable	[0] <input type="checkbox"/>
0 = no quick arm; 1 = allow quick arm (with [#] key)		
*22	RF Jam Option	[0] <input type="checkbox"/>
0 = no RF Jam detection 1 = send RF Jam report upon detection of RF jamming signal <u>UL: must be 1 if wireless devices are used</u>		
*23	Quick (Forced) Bypass	[0] <input type="checkbox"/>
0 = no quick bypass <u>UL: must be "0"</u> 1 = allow quick bypass (code + [6] + [#])		
*24	RF House ID Code	[00] <input style="width: 20px;" type="text"/>
00 = disable all wireless keypad usage 01-31 = house ID for 5827, 5827BD or 5804BD keypad		
*26	Chime By Zone	[0] <input type="checkbox"/>
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)		
*28	Access Code For Phone Module	[00] <input style="width: 20px;" type="text"/>
00 = disable; <u>UL: must be "00" for UL Commercial Burg. inst.</u> 1st digit: enter 1-9; 2nd digit: enter # + 11 for "*", or # + 12 for "#".		
*29	Long Range Radio Output	[0] <input type="checkbox"/>
0 = not using LORRA; 1 = using LORRA output		
ZONE SOUNDS AND TIMING (*31 - *39)		
*31	One Audible Alarm Per Zone	[0] <input type="checkbox"/>
0 = no <u>UL: must be "0"</u> ; 1 = yes		
*32	Fire Alarm Sounder Timeout	[0] <input type="checkbox"/>
0 = sounder stops at timeout programmed in field *33 1 = no sounder timeout <u>UL: must be "1" for fire install.</u>		
*33	Alarm Sounder (Bell) Timeout	[1] <input type="checkbox"/>
0 = none; 1 = 4 min; 2 = 8 min; 3 = 12 min; 4 = 16 min; <u>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)</u>		
*34	Exit Delay	[60] <input style="width: 20px;" type="text"/>
00 - 96 = 0 - 96 secs; 97 = 120 secs SIA Installations: minimum exit delay is 45 seconds <u>UL: see inst. instr. for requirements.</u>		
*35	Entry Delay #1 (zone type 01)	[30] <input style="width: 20px;" type="text"/>
00 - 96 = 0 - 96 seconds 97 = 120 seconds 98 = 180 seconds 99 = 240 seconds <u>SIA Installations: minimum entry delay is 30 seconds</u>		
For UL Residential Burglary Alarm installations, must be set for a maximum of 30 seconds; entry delay plus dial delay should not exceed 1 min. For UL Commercial Burglar Alarm, total entry delay may not exceed 45 seconds.		

*36	Entry Delay #2 (zone type 02)	[30] <input style="width: 20px;" type="text"/>
See *35 Entry Delay 1 above for entries.		

*37	Audible Exit Warning	[1] <input type="checkbox"/>
0 = no; 1 = yes SIA Installations: must be enabled (enter 1)		

*38	Confirmation Of Arming Ding	[0] <input type="checkbox"/>
0 = no ding 1 = confirmation ding after arming system 2 = ding after arming from RF button or RF keypad only <u>UL: must be "1" for UL Commercial Burglar Alarm inst.</u>		

*39	Power Up In Previous State	[1] <input type="checkbox"/>
0 = always power-up in a disarmed state 1 = assume the system status prior to power down <u>UL: must be "1"</u>		

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.

*40	PABX Access Code	<input style="width: 60px;" type="text"/>
Enter up to 6 digits. To clear entries, press *40*. If call waiting used, enter * (#+11) 70* plus # + 13* (pause).		

*41	Primary Phone No.	<input style="width: 100px;" type="text"/>
------------	--------------------------	--

*42	Second Phone No.	<input style="width: 100px;" type="text"/>
Enter up to 20 digits. To clear entries, press *41* or *42* respectively.		

NOTE: Entry of a number other than one specified will give unpredictable results.

For fields *43- *46: Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. Enter [*] as the fourth digit if a 3-digit account number (for 3+1 dialer reporting format) is used. Enter 0 as the first digit of a 4-digit account number for Nos. 0000-0999. Exit field by pressing * (and press next field number) if only 3 digits are used. E.g., For Acct. **B234**, enter: #+11] 2] 3] 4]

*43	Primary Subs. Acct. No.	<input style="width: 100px;" type="text"/> [FFFF] Enter 4 or 10 digits, depending on selection in *48 Report Format. See box above for entries. To clear entries, press *43*.
------------	--------------------------------	---

*44	Secondary Subs. Acct. No.	<input style="width: 100px;" type="text"/> [FFFF] See *43. To clear, press *44*.
------------	----------------------------------	--

*47	Phone System Select	[1] <input type="checkbox"/>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DIALING</th> <th>NOT On WATS LINE</th> <th>USING WATS LINE</th> </tr> </thead> <tbody> <tr> <td>Pulse Dial</td> <td style="text-align: center;">0</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Tone Dial</td> <td style="text-align: center;">1</td> <td style="text-align: center;">3</td> </tr> </tbody> </table>			DIALING	NOT On WATS LINE	USING WATS LINE	Pulse Dial	0	2	Tone Dial	1	3
DIALING	NOT On WATS LINE	USING WATS LINE									
Pulse Dial	0	2									
Tone Dial	1	3									

*48	Report Format	[77] <input style="width: 20px;" type="text"/> <input style="width: 20px;" type="text"/>
0 = 3+1, 4+1 ADEMCO L/S STANDARD Primary Second 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		

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

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

Primary Phone No.	2nd 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 = no delay UL: must be "0"

1 = 15 seconds	SIA Installations: delay
2 = 30 seconds	must be minimum of
3 = 45 seconds	30 seconds

***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 – *76, & *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]

***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]

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**

Start\End Month [4][10]

0 = Disabled
1-9 = January-September (1 = Jan, 2 = Feb, etc)
#+10 = October; #+11 = November; #+12 = December

***78 Daylight Savings Time**

Start\End Weekend [1][5]

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**

This option not for use in UL installations. [0]

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 all local programming after *98 exit (reentry via 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 selection 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]

Multiple choice example: for AAV (4) + Exit Delay restart (8) enter # + 12.
0 = None
4 = AAV UL: must use ADEMCO UVCM module
8 = Exit Delay Restart/Reset UL: must be disabled
SIA Installations: Exit Delay should be enabled.

***93 Reports in Armed Period Per Zone** [1]

(Also known as Swinger Suppression)
0 = Unlimited Reports; 1 = 1 report; 2 = 2 reports
UL: must be "0"

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-second 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 Reporting Options** [0]

Select from the following options:
0 = no reports sent
1 = Open/closes all users
4 = All alarms and troubles
5 = All alarms / troubles, and open/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 open/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.
NOTE: The delay does not reset for new alarms occurring while an existing pager delay is in progress.

MISCELLANEOUS SYSTEM FIELDS

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

(used in *80 Menu mode-Device Actions 5/6) 1 2
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

***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

***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 <i>RF zone normal</i>	Open <i>RF zone N/A</i>	Shorted <i>RF zn off-normal</i>	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 <i>RF zone normal</i>	Open <i>RF zone N/A</i>	Shorted <i>RF zn off-normal</i>	By. when disarmed	By. 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		

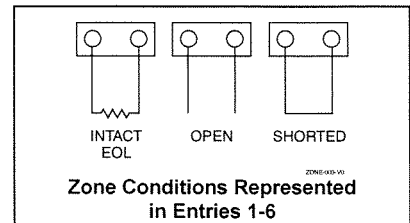
ENTRY 5 (See note 4 for RF zones)		ENTRY 6 (See note 4 for RF zones)		
Response when armed AWAY and zone is:				
Intact EOL <i>RF zone normal</i>	Open <i>RF zone N/A</i>	Shorted <i>RF zn off-normal</i>	Dial Delay (see field *50)	Fault Delay (see field *87)
0 = normal 1 = alarm 2 = trouble 3 = fault	0 = 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 WORKSHEET [default shown in brackets]**

NOTES:

Zone Type: see chart on page 11;

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

Zone	Zn Type	Part.	Report	Hardwire Type	Rsp. Time	Location	
1	[01]	[1]		[EOL]	[1]		
2	[01]	[1]		[EOL]	[1]		
3	[03]	[1]		[EOL]	[1]		
4	[03]	[1]		[EOL]	[1]		
5	[03]	[1]		[EOL]	[1]		
6	[03]	[1]		[EOL]	[1]		
Zone	Zn Type	Part.	Report	Input Type	Loop	Serial No.	Location
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
49		[1]		[BR]			
50		[1]		[BR]			
51		[1]		[BR]			
52		[1]		[BR]			
53		[1]		[BR]			
54		[1]		[BR]			
55		[1]		[BR]			
56		[1]		[BR]			
95	[00]			N/A	N/A	N/A	keypad [1] / [*]
96	[00]			N/A	N/A	N/A	keypad [3] / [#]
99	[06]			N/A	N/A	N/A	keypad [*] / [#]

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

Enter Zn Num.
(00 = Quit) 10

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

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

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
01 = Entry/exit #1
02 = Entry/exit #2
03 = Perimeter
04 = Interior Follower
05 = Trouble Day/Alarm Night
06 = 24-Hr Silent
07 = 24-Hr Audible
08 = 24-Hr Aux
09 = Fire
10 = Interior w/Delay
12 = Monitor Zone
14 = Carbon Monoxide
16 = Fire w/Verify
20 = Arm-STAY*
21 = Arm-AWAY*
22 = Disarm*
23 = No Alarm Resp*
24 = Silent Burglary
77 = Keypad
81 = AAV Monitor Zone
90 = Configurable
*5800 button-type transmitters only

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.
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

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	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 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
XMIT TO CONFIRM PRESS * TO SKIP	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
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

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

*58 Expert Programming Mode Procedures (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 in i/i); 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 - - -: -

Zn ZT RC IN: L
10 00 10 RF 1

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
A XXX-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 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
A XXX-XXX -

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 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.

*57 FUNCTION KEY PROGRAMMING

Option	Function	A	B	C	D	Comments
01	Paging					
02	Time Display					
03	Arm AWAY					
04	Arm STAY					
05	Arm NIGHT-STAY					
06	Step Arming					
07	Device Activation					Device:
08	Comm. Test					
09	Macro Key					
00	Emergency Keys:	zone 95	zone 99	zone 96	paging	
	Personal Emergency				n/a	
	Silent Alarm				n/a	
	Audible Alarm				n/a	
	Fire				n/a	

Emergency Keys: A = paired keys [1] / [*] (zone 95); B = paired keys [*] / [#] (zone 99); C = paired keys [3] / [#] (zone 96)

Start Function Key Programming mode by pressing *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, 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.

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

*79 RELAY MAPPING (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 =		

Start Output Device Mapping by pressing *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 DEFINITIONS**

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			
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.

Start Output Definition mode by pressing *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=1

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)

Delete?
0 = NO, 1 = YES

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"

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:

Enter Event
Alarm 1

0 = restore; 1 = alarm;
2 = fault; 3 = trouble

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"

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.

01 Enter Event Restore 0

0 = restore; 1 = alarm/fault/trouble

Press [*] to continue to the "Output Action" prompt

01 Output Action Close for 2 sec 1

Enter the desired device action as listed below. 0 = off 4 = Change Device State 1 = Close for 2 seconds 5 = Duration 1 (see data field *177) 2 = Close and Stay Closed 6 = Duration 2 (see data field *177) 3 = Continuous Pulse on & off (1 sec ON, 1 sec OFF) 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 LISTS

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

Table with 3 columns: List No., Used For..., Contains These Zones... and 9 rows of zone list options.

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.

Start Zone List Program Mode by pressing *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

ALPHA VOCABULARY LIST (For Entering Zone Descriptors)

000 (Word Space)	• 057 DOOR *	- L -	- R -	- V -
- A -	• 059 DOWN	• 106 LAUNDRY *	155 RADIO	209 VALVE
• 001 AIR	• 060 DOWNSTAIRS	• 107 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 announcement 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	

Start Zone Descriptor Programming mode by pressing *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

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

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
D OOR

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

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 announced by 4285/4286 Phone Module)

Program Alpha ?
0=No, 1=Yes 00

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

Custom Words ?
0=No, 1=Yes 0

Custom words let you assign partition descriptors and "reminder" words (for Scheduling mode, event "10").
NOTE: Do not assign reminder words if using fixed-word keypads.
1 = yes, program partition descriptors or reminder words; 0 = no, go to zone descriptors (see above)
If "1" selected, enter the 2-digit custom word number (01-10) 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 will now appear at the beginning of the second line.

Custom? 00

08-10 = "reminder" words used with scheduling mode
11 = partition 1 descriptor; 12 = partition 2 descriptor; 13 = common area

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 previous 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.

Schedules (installer code + [#] + [6] [4]; *master code can only access schedules 01 and events 00-07*)

No.	Event (see list below)	Device No. for "01" events: enter 01-04	Group No. for "02" events: enter 1-8	Start Time/ Days	Stop Time/ Days	Repeat (1-4)	Random (yes/no)
01 (user)							
02 (installer)							

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"
Installer Only
 10 = display custom words 8-10
 11 = periodic test report

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

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. 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) 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 00 1 0000	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
------------------------------------	--

START SMTWTFS HH MMAM 00 1 0000	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).
---------------------------	--

5800 Series Transmitter Input Loop Identification

<p>5801 ENROLLS 'UR' OR 'RF'</p>	<p>5802MN ENROLLS 'UR' OR 'RF'</p>	<p>5816MN ENROLLS 'RF'</p>	<p>5817 ENROLLS 'RF'</p>	<p>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).</p>
<p>5804 ENROLL AS 'BR'</p>	<p>5804BD ENROLLS 'BR'</p>	<p>5819 ENROLLS 'RF'</p>	<p>5819S (WHS & BRS) ENROLLS 'RF'</p>	<p>For information on any transmitter not shown above, refer to the instructions accompanying that transmitter for details regarding loop numbers, etc.</p>
<p>UL NOTE: The following transmitters are not intended for use in UL installations: 5802MN, 5802MN2, 5804, 5804BD, 5814, 5816TEMP, 5819, 5819WHS & BRS, and 5850.</p> <p>The 5827BD and 5800TM can be used in UL Listed Residential Burglar installation</p>				
<p>5805 ENROLLS 'RF'</p>	<p>5827 SET HOUSE CODE</p>	<p>5827BD SET HOUSE CODE</p>		
<p>5808 ENROLLS 'RF'</p>	<p>5816 ENROLLS 'RF'</p>	<p>5850 (GBD) ENROLLS 'RF'</p>	<p>5890 ENROLLS 'RF'</p>	

**ADEMCO
GROUP**

A DIVISION OF PITTSWAY CORPORATION
165 Eileen Way, Syosset, NY 11791
Copyright © 2002 Pittway Corporation



K0735PRV1 9/02