

Name:

Business:

**Vista21IP-1 PROGRAMMING FORM**

Local programming requires the use of a 2-line Alpha keypad connected to partition 1 keypad terminals on the control.

NOTE: For UL installations, the system may be configured as a single partition only.

Field Function Programmed Values [ ] = Default Value

**SYSTEM SETUP (\*20-\*29)**

- \*20 INSTALLER CODE  [4112] 4 digits, 0-9
- \*21 QUICK ARM ENABLE   [00] 0 = No; 1 = Yes  
Part. 1 Part. 2
- \*22 RF JAM OPTION  [0] 0 = No RF Jam; 1 = Rf Jam Enabled
- \*23 FORCED BYPASS   [00] 0 = None; 1 = Bypass Open Zones (0 for UL installations)  
Part. 1 Part. 2
- \*24 RF HOUSE ID CODE  [00] 00 = Disable all wireless touchpad usage  
Part. 1 Part. 2 Common 01-31 = using 5827 or 5827BD touchpad
- \*26 CHIME BY ZONE  [0] 0 = No; 1 = Yes (program zones to chime on zone list 3)
- \*27 X-10 HOUSE CODE  [0] 0 = A; 1 = B; 2 = C; 3 = D; 4 = E; 5 = F; 6 = G;  
7 = H; 8 = I; 9 = J; #10 = K; #11 = L; #12 = M;  
#13 = N; #14 = O; #15 = P
- \*28 PHONE MODULE ACCESS CODE  [0,0] 1st digit: enter 1-9; 2nd digit: enter #+11 for "\*,  
(Partition 1 only) or #+12 for "#". 0 = Disable code
- \*29 IP/GSM ENABLE  [1] 0 = Disable; 1 = Enable (0 for UL installations).

**ZONES SOUNDS AND TIMING (\*31-\*39)**

- \*31 SINGLE ALARM SOUNDING/ZONE  0 = No; 1 = Yes; 0 for UL installations
- \*32 FIRE ALARM SOUNDER TIMEOUT  0 = Timeout; 1 = No Timeout;
- \*33 ALARM BELL TIMEOUT  0 = None; 1 = 4 min; 2 = 8 min; 3 = 12 min;  
4 = 16 min; 1 (4 min) minimum for UL.
- \*34 EXIT DELAY  [60]60] 00-96 = 0-96 sec; 97 = 120 sec;  
Part. 1 Part. 2 Common zones use same delay as partition 1.
- \*35 ZONE TYPE 01 ENTRY DELAY  [30]30] 00-96 = 0-96 sec; 97 = 120 sec;  
Part. 1 Part. 2 98 = 180 sec  
99 = 240 sec
- \*36 ZONE TYPE 02 ENTRY DELAY  [30]30] 00-96 = 0-96 sec; 97 = 120 sec;  
Part. 1 Part. 2 98 = 180 sec  
99 = 240 sec
- \*37 AUDIBLE EXIT WARNING  0 = No; 1 = Yes;  
Part. 1 Part. 2
- \*38 CONFIRMATION OF ARMING DING  0 = No; 1 = Yes; (wired touchpads and RF)  
Part. 1 Part. 2 2 = yes, RF only
- \*39 POWER UP IN PREVIOUS STATE  0 = No; 1 = Yes; 1 for UL installations

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

**DIALER PROGRAMMING (\*40-\*42)**

In fields \*40, \*41, \*42 enter up to the number of digits shown. Do not fill unused spaces.  
Enter 0-9; #+11 for "\*, #+12 for "#"; #+13 for a 2-second pause (represented as a comma).

- \*40 PABX ACCESS CODE   
[ ] Enter 6 digits. If fewer than 6 digits entered, exit by pressing \*. And next desired field number  
To clear entries from field, press \*40\*.
- \*41 PRIMARY PHONE NUMBER   
[ ] Enter up to 20 digits; Do not fill unused spaces. If fewer than 20 digits are entered, exit by pressing \* and next desired field number. To clear entries from field, press \*41\*.
- \*42 SECONDARY PHONE NUMBER   
[ ] Enter up to 20 digits; Do not fill unused spaces. If fewer than 20 digits are entered, exit by pressing \* and next desired field number. To clear entries from field, press \*42\*.

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**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 4th digit. If only 3 digits used, exit by pressing "\*" (and press next field).  
 To clear entries from field, press \*43\*, \*44\*, \*45\*, or \*46\*. Examples:  
 For Acct. **1234**, enter: 

1	2	3	4
---	---	---	---

  
 For Acct. **B234**, enter: 

#+11	2	3	4
------	---	---	---

  
 For Acct. **123**, enter: 

1	2	3	*
---	---	---	---

Field	Function	Programmed Values	[ ] = Default Value										
*43	PRIMARY SUBSCRIBER ACCOUNT NUMBER (Part. 1)	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>9</td><td>9</td><td>9</td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	9	9	9	0							[FFFFFFF] See box above
9	9	9	0										
*44	SECONDARY SUBSCRIBER ACCOUNT NUMBER (Part. 1)	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td></tr></table>	F	F	F	F	F	F	F	F	F	F	[FFFFFFF] See box above
F	F	F	F	F	F	F	F	F	F				
*45	PRIMARY SUBSCRIBER ACCOUNT NUMBER (Part. 2)	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td></tr></table>	F	F	F	F	F	F	F	F	F	F	[FFFFFFF] See box above
F	F	F	F	F	F	F	F	F	F				
*46	SECONDARY SUBSCRIBER ACCOUNT NUMBER (Part. 2)	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td></tr></table>	F	F	F	F	F	F	F	F	F	F	[FFFFFFF] See box above
F	F	F	F	F	F	F	F	F	F				
*47	PHONE SYSTEM SELECT	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>1</td></tr></table>	1	[1] If Central Station <i>IS NOT</i> on a WATS line: 0 = Pulse Dial; 1 = Tone Dial; If Central Station <i>IS</i> on a WATS line: 2 = Pulse Dial; 3 = Tone Dial;									
1													
*48	REPORT FORMAT PRIMARY/SECONDARY	Primary <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>7</td></tr></table> Secondary <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>7</td></tr></table> [7/7]	7	7	0 = 3+1, 4+1 ADEMCO LOW SPEED STANDARD 1 = 3+1, 4+1 RADIONICS STANDARD 2 = 4+2 ADEMCO LOW SPEED STANDARD 3 = 4+2 RADIONICS STANDARD 5 = 10-Digit CONTACT ID REPORT 6 = 4+2 ADEMCO EXPRESS 7 = 4-Digit CONTACT ID REPORT 8 = 3+1, 4+1 ADEMCO LOW SPEED EXPANDED 9 = 3+1, 4+1 RADIONICS EXPANDED								
7													
7													
*49	SPLIT/DUAL REPORTING	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>0</td></tr></table>	0	[0] 0 = Disable (Backup report only) <b>TO PRIMARY PHONE No.</b> 1 = Alarms, Restore, Cancel 2 = All except Open/Close, Test 3 = Alarms, Restore, Cancel 4 = All except Open/Close, Test 5 = All <b>SECONDARY PHONE No.</b> Others Open/Close, Test All All All									
0													
*50	BURGLARY DIAL DELAY	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>2</td></tr></table>	2	0 = No Delay 1 = 15 sec [2 = 30 sec] 3 = 45 sec									
2													
*53	SESCOA/RADIONICS SELECT	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>0</td></tr></table>	0	[0] 0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting)									
0													
*54	DYNAMIC SIGNALING DELAY	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>0</td></tr></table>	0	[0] Delay selectable from 0 to 225 sec in 15-sec increments.* 1 = 15 sec; 2 = 30 sec; etc. Enter 0 for UL installations.									
0													
*55	DYNAMIC SIGNALING PRIORITY	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>0</td></tr></table>	0	[0] 0 = Primary Dialer first; 1 = IP/GSM module first.* * See "Data Field Descriptions" in Installation manual for details.									
0													

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

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TO PROGRAM SYSTEM STATUS, & RESTORE REPORT CODES (\*59-\*76, & \*89) FOR CONTACT ID REPORTING:

Enter any digit (other than "0") in the first box, to enable zone to report (entries in the second box will be ignored).

\*57 FUNCTION KEY PROGRAMMING (interactive mode)

\*86 CANCEL VERIFY [1] 0 = No; 1 = Yes;

\*58 EXPERT PROGRAMMING MODE (interactive mode) Refer to Installation instructions for procedure.

\*87 MISCELLANEOUS FAULT DELAY TIME [0]

SYSTEM STATUS REPORT CODES (\*59-\*68)

\*59 EXIT ERROR REPORT CODE [0]

[0 - 15 sec] 6 - 2 1/2 min 12 - 8 min
1 - 30 sec 7 - 3 min 13 - 10 min
2 - 45 sec 8 - 4 min 14 - 12 min
3 - 60 sec 9 - 5 min 15 - 15 min
4 - 90 sec 10 - 6 min
5 - 2 min 11 - 7 min

\*60 TROUBLE REPORT CODE [00]

\*88 PROGRAM MODE LOCKOUT OPTIONS [0]

\*61 BYPASS REPORT CODE [00]

[0] 0 = Standard \*98 installer code lockout (reentry only by [\*] + [#] within 30 sec after power up
1 = lockout [\*] + [#] reentry after \*98 exit (reenter via installer code only)
2 = Not Used
3 = Lockout all local programming after \*98 exit (reentry via downloader only)

\*62 AC LOSS REPORT CODE [00]

\*89 EVENT LOG 80% FULL REPORT CODE [00]

\*63 LOW BATTERY REPORT CODE [00]

[00] Enter any digit (other than "0") in the first box, to enable report, (entries in the second box are ignored).

\*64 TEST REPORT CODE [00]

\*90 EVENT LOG ENABLES [3]

\*65 OPEN REPORT CODE [0][0][0] Part. 1 Part. 2 Common

[3] 0 = None; 1 = Alarm/Alarm Restore
2 = Trouble/Trouble Restore; 4 = Bypass/Bypass Restore;
8 = Open/Close.

\*66 ARM AWAY/STAY RPT CODE [0][0][0][0][0][0] Part. 1 Part. 2 Common

Example: To select "Alarm/Alarm Restore", and "Open/Close", enter 9(1+8); To select all, enter #15.

Away Stay Away Stay Away Stay
Part. 1 Part. 2 Common

Note: System messages are logged when any non-zero selection is made.

\*67 RF TRANSMITTER LOW BATTERY [00]

\*91 OPTION SELECTION [8]

\*68 CANCEL REPORT CODE [00]

[8] 0 = None;
4 = AAV (UL:Must use ADEMCO UVCN module);
8 = Exit Delay Restart (UL:must be disabled)
Multiple choice example: for AAV (4) + Exit Delay Restart (8) enter ##12.
(AAV not to be used for UL installations).

RESTORE REPORT CODES (\*70-\*76)

\*70 ALARM RESTORE RPT CODE [0]

\*92 PHONE LINE MONITOR ENABLE [0]

\*71 TROUBLE RESTORE RPT CODE [00]

[0] 0 = Touchpad display when line is faulted
1 = Touchpad display plus touchpad trouble sound
2 = Same as "1", plus Device #2 STARTS. If either partition is armed, external sounder activates.
Digit 1
Digit 2

\*72 BYPASS RESTORE RPT CODE [00]

Note: Device #2 must either be programmed to be STOPPED in field \*80 or STOPPED by Code##+8+2.

\*73 AC RESTORE RPT CODE [00]

\*93 NUMBER OF REPORTS IN ARMED PERIOD [1]

\*74 LOW BATTERY RESTORE RPT CODE [00]

[1] 0=Unlimited; 1=1 Report/Armed Period; 2=2 Reports/Armed Period; Must enter "0" for UL installations.

\*75 RF TRANSMITTER LOW BATTERY [00]

DOWNLOAD INFORMATION (\*94, \*95)

\*76 TEST RESTORE RPT CODE [00]

\*94 DOWNLOAD PHONE NUMBER

[ ] Enter up to 20 digits, 0-9; ##11 for ":", ##12 for "#"; ##13 for a 2 sec pause. Do not fill unused spaces. If fewer than 20 digits entered, exit field by pressing \*, (and press 95, if entering the next field). To clear entries from field, press \*94\*.

OUTPUT AND SYSTEM SETUP (\*77-\*93)

\*77 DAYLIGHT SAVINGS TIME START/END MONTH [03][11] [03][11] 0 = Disabled; 1-12 selects start/end months. (ex. 1 = Jan, etc.)

Note: In UL installations, downloading may be performed only if a technician is at the site.

\*78 DAYLIGHT SAVINGS TIME START/END WEEKEND [2][1] [2][1] 0=Disabled; 1=1st; 2=2nd; 3=3rd; 4=4th; 5=Last; 6=Next to Last; 7=Third from Last

\*95 RING COUNT FOR DOWNLOADING [15]

[15] 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).

\*79 RELAYS & POWERLINE CARRIER DEVICE MAPPING

Note: Do not enter "0" if using 4285/4286 Phone Module. technician is at the site.

\*80 OUTPUT DEFINITIONS

\*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT

Number FOR INITIAL DOWNLOAD: No data entry required. technician is at the site.

\*81 ZONE LISTS FOR OUTPUT DEVICES

\*97 SETS ALL FIELDS TO DEFAULT VALUES

No data entry required. technician is at the site.

\*82 CUSTOM ALPHA EDITING

\*84 AUTO STAY ARM [3] [3] 0 = None; 1 = Partition 1 ; 2 = Partition 2 only; 3 = Both Partitions

\*98 EXIT PROGRAM MODE technician is at the site.

\*85 CROSS ZONE TIMER [0] [0] 0 = 15 sec 6 = 2-1/2 min ##+12 = 8 min
1 = 30 sec 7 = 3 min ##+13 = 10 min
2 = 45 sec 8 = 4 min ##+14 = 12 min
3 = 60 sec 9 = 5 min ##+15 = 15 min
4 = 90 sec ##+10 = 6 min
5 = 2 min ##+11 = 7 min

Name:

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**PAGER OPTIONS (\*160-\*171)**

Phone Number	Extra Characters	Options Partition 1	Options Partition 2	Options Partition 3
1		0	0	0
2		0	0	0
3		0	0	0
4		0	0	0

**PAGER PHONE NUMBER**  
See field \*41 for entries.

**PAGER CHARACTERS**  
Enter the optional prefix characters, up to 16 digits.  
See field \*41 for entries.

**PAGER REPORTING OPTIONS [0]**  
Use zone list 9 to assign response zones for pager 1, zone list 10 for pager 2, zone list 11 for pager 3, zone list 12 for pager 4

- 0 = No reports sent
- 1 = Open/Close all users
- 4 = All alarms and troubles
- 5 = All alarms/troubles, and Open/Close for all users
- 12 = Alarms/troubles for zones entered in zone list (Current pager # + 8)
- 13 = Alarms/troubles for zones entered in zone list (Current pager # + 8), and open/closes for all users

**\*172 PAGER DELAY OPTION**   
[3] 0 = None; 1 = 1 min; 2 = 2 min; 3 = 3 min;  
This delay is for ALL pagers in the system.

**\*174 CLEAN ME REPORTING OPTIONS**   
[0] 0 = Disable; 1 = Clean Me signal reports;  
**NOTE:** If Clean Me is enabled, you must enter "2" in field

**\*177 DEVICE DURATION 1 AND 2**    
[0,0] 0 = 15 sec      6 = 2-1/2 min      Duration 1      Duration 2  
1 = 30 sec            7 = 3 min            #+12 = 8 min  
2 = 45 sec            8 = 4 min            #+13 = 10 min  
3 = 60 sec            9 = 5 min            #+14 = 12 min  
4 = 90 sec            #+10 = 6 min        #+15 = 15 min  
5 = 2 min             #+11 = 7 min

**SYSTEM OPTION (\*181)**

**\*181 50/60 HERTZ OPERATION**   
[0] 0 = 60 Hz.; 1 = 50 Hz.

**\*182-\*184 USER CONFIGURABLE ZONE TYPES**

Response Disarmed Disarmed Disarmed Stay Stay Stay Away Away Away Dynamic Vent  
Number Normal Open Shorted Normal Open Shorted Normal Open Shorted Restore Zone

90	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
91	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
92	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
93	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal

**\*182 ATTRIBUTES FOR ZONE TYPE 90**

**\*183 ALARM/TROUBLE REPORT CODES FOR ZONE TYPE 90**

**\*184 ATTRIBUTES FOR ZONE TYPE 91**

**\*185 ALARM/TROUBLE REPORT CODES FOR ZONE TYPE 91**

**\*189 HOME PARTITION FOR AUI 1 , AUI 2 , AUI 3 & AUI 4**  
     
 AUI #1      AUI #2      AUI #3      AUI #4

**TOUCHPAD OPTIONS (\*190-\*196)**

Touchpad Number	Device Number	Partition Number	Sound
2	17	0 = Disabled	0 = No suppression
3	18	0 = Disabled	0 = No suppression
4	19	0 = Disabled	0 = No suppression
5	20	0 = Disabled	0 = No suppression
6	21	0 = Disabled	0 = No suppression
7	22	0 = Disabled	0 = No suppression
8	23	0 = Disabled	0 = No suppression

Partition: 0 = Touchpad disabled; 1-3 = Partition # (3 = Common)  
 Sound: [0] 0 = No Suppression  
 [01] = Suppress Arm/Disarm and Entry/Exit Beeps  
 [02] = Suppress Chime Beeps only  
 [03] = Suppress Arm/Disarm, EE, and Chime Beeps

**\*197 EXIT TIME DISPLAY INTERVAL**   
[0] 0 = No Display; 1-5 = seconds between display refresh

**\*198 DISPLAY PARTITION NUMBER**   
[0] 0 = No; 1 = Yes (partition number appears on Custom Display)

**\*199 ECP FAIL DISPLAY**   
[0] 0 = 3-digit display ("1" + device address)  
1 = 2-digit fixed-display as "91"

Response Number	Reset Able	Fire Verification	Exit Delay	Entry Delay	Interior Type	Fire Zone	Bell Definition	Keypad Sound	Chime	Alarm CID Code	Trouble CID Code
90	N/A	N/A	N/A	N/A	N/A		No Bell Output, No Touchpad Sound	No Sound		0	0
91	N/A	N/A	N/A	N/A	N/A		No Bell Output, No Touchpad Sound	No Sound		0	0
92	N/A	N/A	N/A	N/A	N/A		No Bell Output, No Touchpad Sound	No Sound		0	0
93	N/A	N/A	N/A	N/A	N/A		No Bell Output, No Touchpad Sound	No Sound		0	0

**Name:** **Business:**  
**OUTPUT RELAYS/POWERLINE CARRIER DEVICES WORKSHEET FOR \*79, \*80, and \*81.**  
**Applicable on if Relays and/or Powerline Carrier Devices are to be used.**

**\*79 RELAYS & POWERLINE CARRIER DEVICE MAPPING**

Output #	X-10/Relay	Device Addr	Unit Code	Position Number	Output #	X-10/Relay	Device Addr	Unit Code	Position Number	Output #	X-10/Relay	Device Addr	Unit Code	Position Number	Output #	X-10/Relay	Device Addr	Unit Code	Position Number
1	Relay	N/A	N/A	N/A	5	Relay	N/A	N/A	N/A	9	Relay	N/A	N/A	N/A	13	Relay	N/A	N/A	N/A
2	Relay	N/A	N/A	N/A	6	Relay	N/A	N/A	N/A	10	Relay	N/A	N/A	N/A	14	Relay	N/A	N/A	N/A
3	Relay	N/A	N/A	N/A	7	Relay	N/A	N/A	N/A	11	Relay	N/A	N/A	N/A	15	Relay	N/A	N/A	N/A
4	Relay	N/A	N/A	N/A	8	Relay	N/A	N/A	N/A	12	Relay	N/A	N/A	N/A	16	Relay	N/A	N/A	N/A

ON-BOARD TRIGGER 1

High

ON-BOARD TRIGGER 2

High

**\*80 OUTPUT DEFINITIONS**

Fill in the required data on the worksheet below and follow the programming procedure in the installation manual as you enter the data during the displays and prompts that appear in sequence.

- Notes:**
1. For Relays, 4229 and 4204 devices are programmed in \*79, \*80, and \*81 modes.
  2. For powerline Carrier devices, field \*27 must be programmed with a House Code.
  3. Tamper's of expansion units cannot be used to operate devices.

Output Function Number	Activated By	Zone Number	Zone List	Zone Type	Partition Number	Zone List Event	Zone Number Event	Device Action	Device Number	Device Type
1	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
2	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
3	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
4	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
5	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
6	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
7	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
8	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
9	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
10	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
11	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
12	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
13	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
14	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
15	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
16	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
17	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
18	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
19	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
20	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
21	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
22	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
23	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
24	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
25	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
26	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
27	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
28	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
29	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
30	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
31	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
32	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
33	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
34	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
35	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
36	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
37	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
38	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
39	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
40	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
41	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
42	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
43	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
44	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
45	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
46	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
47	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--
48	0 - Not Used	N/A	N/A	N/A	N/A	N/A	N/A	--	--	--

Name:

Business:

TRIG = TRIGGER TYPE: 0=Not Used; 1=Zone List; 2=Zone Type; 3=Zone Number;
ZL = ZONE LIST: 1-8 (zone lists 9-12 are reserved for paging zones)
ZT = ZONE TYPE: See Zone Type/System Operation table below
ZN = ZONE NUMBER: 1-64
A = DEVICE ACTION: 0=Off; 1=Close for 2 sec.; 2=Stay Closed; 3=1 sec On/Off;

P = PARTITION NUMBER: 1,2, or 3 (Common)
E(ZONE LIST) = EVENT TRIGGER FOR ZONE LIST: 0=Restore; 1=Alarm; 2=Fault; 3=Trouble.
E(ZONE NUMBER) = EVENT TRIGGER FOR ZONE NUMBER: 0=Restore; 1=Alarm/Fault/Trouble.

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

- 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/Verification
23 = No Alarm Response
24 = Silent Burglary
77 = Keypad
81 = AAV Monitor Zone
90-93 = Configurable

Note: Any zone in "ZT" going into alarm, fault, or trouble will activate device.

Any zone of that type that restores will stop relay action.

Choices for System Operation are:

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

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

\*\*Use 3 (common) for Partition Number (P) entry
\*\*\*Or at Disarming, whichever occurs earlier.
† Use \*57 Menu mode to assign the function key.

\*81 ZONE LISTS FOR OUTPUT DEVICES

Fill in the required data on the worksheet below and follow the procedure in the installation manual as you enter the data during the displays and prompts that appear in sequence.

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

Zone List 1: Started or stopped by zone numbers (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 2: Started or stopped by zone numbers (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 3: Started or stopped by zone numbers AND/OR assignment of Chime zones (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 4: Started or stopped by zone numbers AND/OR assignment of Cross zones (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 5: Started or stopped by zone numbers AND/OR assignment of Night/Stay zones (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 6: Started or stopped by zone numbers (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 7: Started or stopped by zone numbers(enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 8: Started or stopped by zone numbers (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 9: Pager 1 reporting list. All zones in this list will report to the pager independent of the report code enabled for that zone (enter 00 to end entries). Can't be used for relays.

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 10: Pager 2 reporting list. All zones in this list will report to the pager independent of the report code enabled for that zone (enter 00 to end entries). Can't be used for relays.

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 11: Pager 3 reporting list. All zones in this list will report to the pager independent of the report code enabled for that zone (enter 00 to end entries). Can't be used for relays.

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 12: Pager 4 reporting list. All zones in this list will report to the pager independent of the report code enabled for that zone (enter 00 to end entries). Can't be used for relays.

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Name:

Business:

**SCHEDULING**

Schedule Number	Event	Start Hour	Start Min	PM	Start							Sa	Stop Hour	Stop Min	PM	Stop							Randomize	Partition	Repeat Option	Relay/ Access Group Number		
					S	M	T	W	Th	F	Sa					S	M	T	W	Th	F	Sa						
1	0 - Clear Event	12	00									12	00											N/A	N/A	No Repeat	0	
2	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
3	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
4	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
5	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
6	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
7	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
8	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
9	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
10	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
11	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
12	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
13	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
14	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
15	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
16	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
17	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
18	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
19	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
20	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
21	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
22	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
23	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
24	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
25	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
26	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
27	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
28	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
29	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
30	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
31	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0
32	0 - Clear Event	12	00									12	00												N/A	N/A	No Repeat	0

Name:

Business:

**\*56 ZONE ASSIGNMENT/ALARM REPORT CODES** - This field is an interactive mode. Fill in the required data on the worksheet below (and on next page) and follow the programming procedure in the installation manual.

**ZONES ON CONTROL:**

See explanation of headings at top of next page →

ZONE ALPHA	ZONE NUMBER (Zn)	ZONE TYPE (ZT)	PARTITION NUMBER (P)	ALARM RPT CODE (Hex) (RC)	INPUT TYPE (IN)	RESPONSE TIME (RT)
	0 1	0 9	1	0 1 - -	0 - EOLR	350 msec
	0 2	0 1	1	0 1 - -	0 - EOLR	350 msec
	0 3	0 3	1	0 1 - -	0 - EOLR	350 msec
	0 4	0 3	1	0 1 - -	0 - EOLR	350 msec
	0 5	0 3	1	0 1 - -	0 - EOLR	350 msec
	0 6	0 3	1	0 1 - -	0 - EOLR	350 msec
	0 7	0 3	1	0 1 - -	0 - EOLR	350 msec
	0 8	0 3	1	0 1 - -	0 - EOLR	350 msec
	9 1	0 5	N/A	0 1 - -	-	-
	9 2	- -	N/A	0 1 - -	-	-
	9 5	0 0	N/A	0 1 - -	-	-
	9 6	0 0	N/A	0 1 - -	-	-
	9 9	0 6	N/A	0 1 - -	-	-

\* Zone 1 can be used as a 2-wire Fire zone. Also, if zone 1 is used for "clean me," response time must be set to 03.

\*\* Zone 8 can be used as a Glassbreak zone.

**EXPANSION ZONES:**

EXPANSION ALPHA	ZONE NUMBER (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	PARTITION (P)	INPUT TYPE (IN)	ENTER FOR RF ONLY	
						LOOP NUMBER	SERIAL NUMBER
	0 9	--	0 1 - -	-	--	--	--
	1 0	--	0 1 - -	-	--	--	--
	1 1	--	0 1 - -	-	--	--	--
	1 2	--	0 1 - -	-	--	--	--
	1 3	--	0 1 - -	-	--	--	--
	1 4	--	0 1 - -	-	--	--	--
	1 5	--	0 1 - -	-	--	--	--
	1 6	--	0 1 - -	-	--	--	--



Name:

Business:

EXPLANATION OF ZONE ASSIGNMENT TABLE HEADINGS

Zn = ZONE No. Zone Nos. are from 01 to 64,91,92,95,96,99. Some are pre-assigned.

ZT = ZONE TYPE

- 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 Zone
16 = Fire w/Verification
20 = Arm-Stay\*

- 21 = Arm-Away\*
22 = Disarm\*
23 = No Alarm Response
\*20,21 and 22 used for 5800 RF systems only
24 = Silent Burglary
77 = Keypress Enable
81 = AAV Monitor Zone
90-93 = Configurable (do not use BR input type)

Table with 4 columns: Zn, ZT, Zn, ZT and 4 rows of values: [01, 02, 03, 04], [09, 01], [03], [03], [05, 06, 07, 08], [03], [03], [03], [03], [95, 96, 99], [00], [00], [06]

P = PARTITION No.

1 or 2 Default Values for zones 01-08 = [1].

RC = ALARM REPORT CODE

To enable Contact ID reporting, enter any hex digit (other than 00) in the first pair of boxes. The second pair of boxes is ignored.

In = LOOP INPUT TYPE

HW: Hard Wire
AW: Aux Wire (4219 or 4229)

Enter 2 for AW: Auxiliary wired
Enter 3 for RF: Supervised RF
Enter 4 for UR: Unsupervised RF
Enter 5 for BR: Button Type RF

Hard wire zone input types are automatically assigned.

RT = RESPONSE TIME

0 = 10 msec; 1 = 350 msec; 2 = 700 msec; 3 = 1.2 sec; Default values for zones 01-08 = [1] (350 msec)

L = LEARNED RF INPUT

Used with 5800 RF Loop Input Devices. Record Transmitter input number.

Main table with columns: EXPANSION ALPHA, ZONE NUMBER (Zn), ZONE TYPE (ZT), PARTITION NUMBER (P), ALARM RPT CODE (Hex) (RC), INPUT TYPE (IN), LOOP NUMBER (L), SERIAL NUMBER. Rows 17-64.

Name:

Business:

**PARTITIONS**

**Key Function Choices:**

The values for index 00 defers for Key Functions A,B,C,D as shown below

- |                         |                                      |                 |                               |
|-------------------------|--------------------------------------|-----------------|-------------------------------|
| Key A<br>Zone95         | Key B<br>Zone99                      | Key C<br>Zone96 | Key D<br>Single Button Paging |
| 01 - Single Button Page | 02 - Display Time                    |                 |                               |
| 03 - Arm Away           | 04 - Arm Stay                        |                 |                               |
| 05 - Arm Night Stay     | 06 - Step Arming                     |                 |                               |
| 07 - Toggle             | 08 - Single Button Communicator Test |                 |                               |
| 09 - Macro Key 1        | 10 - Macro Key 2                     |                 |                               |
| 11 - Macro Key 3        | 12 - Macro Key 4                     |                 |                               |

Partition	Description	Primary Subscriber Id	Secondary Subscriber Id	Entry Delay 1	Entry Delay 2	Exit Delay	Key A Function	Key B Function	Key C Function	Key D Function	Confirmation of Arming Ding	Forced Bypass	RF House ID	Quick Arm Enable	Audible Exit Warning
1		9990	FFFFFFFF	30 sec	30 sec	60 sec	0	0	0	--	No		00 - Disable all wireless keypads	X	X
2		FFFFFFFF	FFFFFFFF	30 sec	30 sec	60 sec	0	0	0	--	No		00 - Disable all wireless keypads	X	X
Common		N/A	N/A	30 sec	30 sec	60 sec	0	0	0	--	N/A	N/A	00 - Disable all wireless keypads	N/A	N/A

**MACROS**

Macro #	Macro Key
1	
2	
3	
4	

Name:

Business:

## USERS

User Number	Access Code	User Name	Group	Partition 1 Active	Partition 2 Active	Common Partition Active	Authority Level	RF Zone Number	Enable Open/Close Pager Reports	AUI Descriptor
2	1234		0	X	X	X	Master Authority		X	
3			0	X		X	Partition Programmer		X	
4			0	X		X	Standard User		X	
5			0	X		X	Standard User		X	
6			0	X		X	Standard User		X	
7			0	X		X	Standard User		X	
8			0	X		X	Standard User		X	
9			0	X		X	Standard User		X	
10			0	X		X	Standard User		X	
11			0	X		X	Standard User		X	
12			0	X		X	Standard User		X	
13			0	X		X	Standard User		X	
14			0	X		X	Standard User		X	
15			0	X		X	Standard User		X	
16			0	X		X	Standard User		X	
17			0	X		X	Standard User		X	
18			0	X		X	Standard User		X	
19			0	X		X	Standard User		X	
20			0	X		X	Standard User		X	
21			0	X		X	Standard User		X	
22			0	X		X	Standard User		X	
23			0	X		X	Standard User		X	
24			0	X		X	Standard User		X	
25			0	X		X	Standard User		X	
26			0	X		X	Standard User		X	
27			0	X		X	Standard User		X	
28			0	X		X	Standard User		X	
29			0	X		X	Standard User		X	
30			0	X		X	Standard User		X	
31			0	X		X	Standard User		X	
32			0	X		X	Standard User		X	
33			0		X	X	Partition Programmer		X	
34			0		X	X	Standard User		X	
35			0		X	X	Standard User		X	
36			0		X	X	Standard User		X	
37			0		X	X	Standard User		X	
38			0		X	X	Standard User		X	
39			0		X	X	Standard User		X	
40			0		X	X	Standard User		X	
41			0		X	X	Standard User		X	
42			0		X	X	Standard User		X	
43			0		X	X	Standard User		X	
44			0		X	X	Standard User		X	
45			0		X	X	Standard User		X	
46			0		X	X	Standard User		X	
47			0		X	X	Standard User		X	
48			0		X	X	Standard User		X	
49			0		X	X	Standard User		X	