ADEMCO GROUP

VISTA – 120

TECHNICAL TRAINING

The best in security plus everyday convenience & control

ADEMCO Technical Training (C) 2000

Version # .007
29th August 2001

VISTA – 120

Training Guide Index

1. Basic Panel Features

<u>VISTA 120</u>

- ➢ 9 Hardwired Zones – standard

- ➢ Expands to 128 Zones
    - Hardwired
    - Multiplex
    - Wireless (5800 Series)

- ➢ 8 Partitions
    - 3 Common Areas

- ➢ 150 User Codes with 7 Authority Levels (per partition)

- ➢ Access Control
    - Master Console Option
    - 32 Relay Outputs
    - Real Time Scheduling
    - Full Alpha Console with Macro keys

- ➢ 4285 VIP Telephone Module

- ➢ 224 Event Memory

- ➢ Securitel Compatible using Ademco Unistu

- ➢ Programmable via key pad, Remote downloading and Direct connection

2. Wiring Diagram

Latching Strobe
requires
STROB MODULE
or
Relay Output
Module

NOTES:
1. No Wiring to run behind Circuit Board
2. Run Earth Wire
3. Max 16 Consoles
4. Insert NCU Board
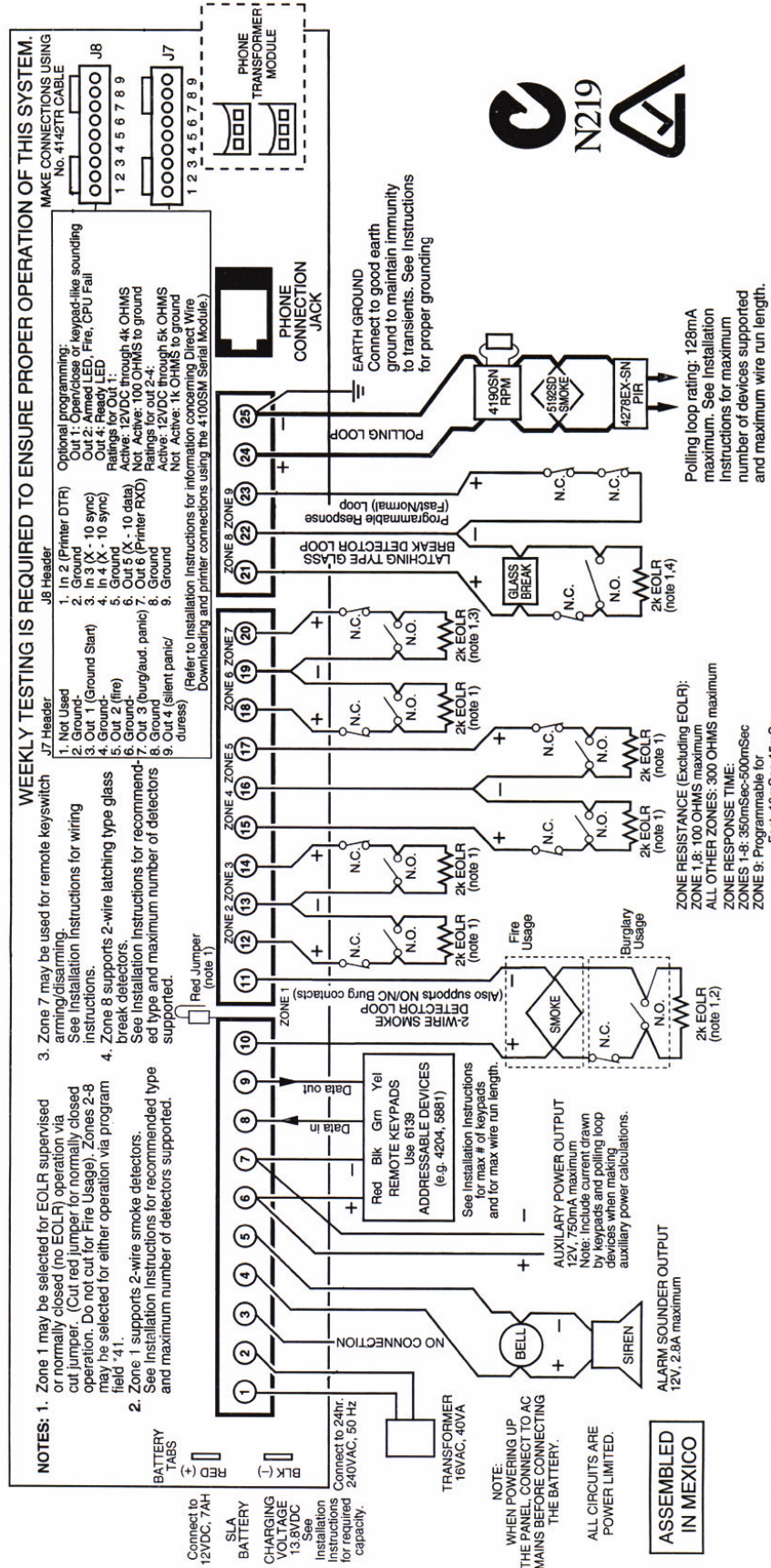
VISTA-120a
SUMMARY OF CONNECTIONS

ALARM DEVICE MANUFACTURING CO.
A DIVISION OF PITTWAY CORPORATION
165 Eileen Way, Syosset, New York 11791
Copyright © 1998 PITTWAY CORPORATION

N5945-8AU 10/98

3.6 System Layout Worksheets

As with any security system, you should first define the installation. This includes determining how many partitions will be used, how many zones per partition, and how many users per partition. You will also need to determine what peripheral devices will be needed, and basic system options such as exit/entry delays, etc. The control panel itself should be located in an area that will facilitate wire runs to all partitions, and will allow access to power and telephone circuits.

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

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

COMMUNICATION OPTIONS BY PARTITION (enter yes/no)								
Option	**part 1**	**part. 2**	**part. 3**	**part. 4**	**part. 5**	**part. 6**	**part. 7**	**part. 8**
Intermittent Sensor Suppression Count (00-15; 00=no suppression)								
Cancel Report After Disarm								
Dialler Reports for Panic (* + 1)								
Dialler Reports for Panic (# + 3)								
Dialler Reports for Panic (* + #)								
Dialler Reports for Duress								
Burglary Alarm Communications Delay (16 sec.)								

SYSTEM DEFINITIONS BY PARTITION (enter values or yes/no)

Option	part 1	part. 2	part. 3	part. 4	part. 5	part. 6	part. 7	part. 8
Entry Delay #1 (15-225 seconds):								
Exit Delay #1 (15-225 seconds):								
Entry Delay #2 (15-225 seconds):								
Exit Delay #2 (15-225 seconds):								
Quick Arming								
Multiple Alarms per Arming								
Keypad Panic for zone 995 (* + 1)								
Keypad Panic for zone 996 (# + 3)								
Keypad Panic for zone 999 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout for Siren (2 min. increments)								
Keypad Annunciation During Entry**								
Keypad Annunciation During Exit								
Confirmation of Arming Ding for Bell/Siren								
Chime on Bell/Siren								
Access Control Relay (field 1*76)								
Affects Common Area 1 (check partitions that apply)								
Arms Common Area 1 (check partitions that apply)								
Affects Common Area 2 (check partitions that apply)								
Arms Common Area 2 (check partitions that apply)								
Affects Common Area 3 (check partitions that apply)								
Arms Common Area 3 (check partitions that apply)								
Displays Fire Alarms of Other Partitions								
Displays Burg & Panic Alarms of Other Partitions								
Displays Troubles of Other Partitions								

*Can be any zone 1-128. **no = 3 beeps   yes = continuous

DEVICES (Keypads, 4204, etc.)

Device Address	Type	Home Partition	Sounder Option	Supervised CF?	Device Address	Type	Home Partition	Sounder Option	Supervised CF?
00					16				
01					17				
02					18				
03					19				
04					20				
05					21				
06					22				
07					23				
08					24				
09					25				
10					26				
11					27				
12					28				
13					29				
14					30				
15									

Type:
0 = device not used
1 = alpha keypad (address 00-30)
3 = RF receiver (address 01-07)
4 = Output Relay module (address 00-15)
5 = Voice Module (address 04 factory set)

Keypad Sounder Options:
00 = no suppression
01 = suppress arm/disarm and entry/exit beeps
02 = suppress chime mode beeps only
03 = suppress arm/disarm, entry/exit and chime mode beeps

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devices Zone No. 1	Zone Type	Parti-tion (1-8)	RF Trans. Type†			DIP RPM left loop	DIP RPM right loop	Ser. RPM †	Basic Wired	Report Code	† Enter loop number on module Must be 1 for basic wired, serial numbered, and DIP left loop
			RF (3)	UR (4)	BR (5)						Zone Information (part numbers) & Alpha Descriptor (3 words max.)
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											

ZONE DEFINITIONS FOR ZONES 1-24

			ZONE DEFINITIONS FOR ZONES 25-48							
devices Zone No.	Zone Type	Parti- tion (1-8)	RF Trans. Type†			DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Basic Wired	Report Code	† Enter loop number on module Must be 1 for basic wired, serial numbered, and DIP left loop Zone Information (part numbers) & Alpha Descriptor (3 words max.)
			RF (3)	UR (4)	BR (5)						
25											_____
26											_____
27											_____
28											_____
29											_____
30											_____
31											_____
32											_____
33											_____
34											_____
35											_____
36											_____
37											_____
38											_____
39											_____
40											_____
41											_____
42											_____
43											_____
44											_____
45											_____
46											_____
47											_____
48											_____

			ZONE DEFINITIONS FOR ZONES 49-72								
											† Enter loop number on module Must be 1
											for basic wired, serial numbered, and DIP left loop
devices Zone No. 49	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM †	Basic Wired	Report Code	Zone Information (part numbers) & Alpha Descriptor (3 words max.)
50											_____
51											_____
52											_____
53											_____
54											_____
55											_____
56											_____
57											_____
58											_____
59											_____
60											_____
61											_____
62											_____
63											_____
64											_____
65											_____
66											_____
67											_____
68											_____
69											_____
70											_____
71											_____
72											_____

ZONE DEFINITIONS FOR ZONES 73-96										
devices Zone No. 73	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM †	Basic Wired	Report Code	† Enter loop number on module Must be 1 for basic wired, serial numbered, and DIP left loop. Zone Information (part numbers) & Alpha Descriptor (3 words max.)
74										
75										
76										
77										
78										
79										
80										
81										
82										
83										
84										
85										
86										
87										
88										
89										
90										
91										
92										
93										
94										
95										
96										

				ZONE DEFINITIONS FOR ZONES 97-120						

devices Zone No. 97	Zone Type	Parti- tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM †	Basic Wired	Report Code	† Enter loop number on module Must be 1 for basic wired, serial numbered, and DIP left loop Zone Information (part numbers) & Alpha Descriptor (3 words max.)
98											
99											
100											
101											
102											
103											
104											
105											
106											
107											
108											
109											
110											
111											
112											
113											
114											
115											
116											
117											
118											
119											
120											

ZONE DEFINITIONS FOR ZONES 121-128

Zone No.	Zone Type	Parti-tion (1-8)	RF Trans. Type† RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM†	Basic Wired	Report Code	Zone Information (part numbers) & Alpha Descriptor (3 words max.)
121											
122											
123											
124											
125											
126											
127											
128											

† Enter loop number on module   Must be 1 for basic wired, serial numbered, and DIP left loop devices

Zone Types:

00=zone not used	06=24 hour silent	17=Fire Supervisory
01=entry/exit 1	07=24 hour audible	18=Fire Supervisory
02=entry/exit 2	08=24 hour auxiliary	19=24 hour trouble
03=perimeter	09=supervised fire	20=arm stay
04=interior (follower)	10=interior (delay)	21=arm away
05=day/night burglary	16=Fire w/Verification	22=disarm
		23=no alarm response

ZONE DEFINITIONS FOR DEVICE SUPERVISORY ZONES 800-809

Zone No.	Zone Type	Parti-tion (1-8)	Report Code	Alpha Descriptor (3 words max.)
800				
801				
802				
803				
804				
805				
806				
807				
808				
809				

ZONE DEFINITIONS FOR DEVICE SUPERVISORY ZONES 810-831				
Zone No. 810	Zone Type	Parti-tion (1-8)	Report Code	Alpha Descriptor (3 words max.)
811				
812				
813				
814				
815				
816				
817				
818				
819				
820				
821				
822				
823				
824				
825				
826				
827				
828				
829				
830				
831				

Zone Types: 05=day/night burglary
                     19=24 hour trouble

ZONE DEFINITIONS FOR KEYPAD PANIC/MISC. ZONES 988-999

Zone No.	Zone Type	Parti-tion (1-8)	Report Code	Alpha Descriptor (3 words max.)
988 2nd rcvr				
990 1st rcvr				
992 duress				
995 panic				
996 panic				
997 poll short				
999 panic				

PRINTER OPTIONS		EVENT LOG TYPES		
12 or 24 hour Time format		**Option**	**No (4)**	**Yes (4)**
Printer On-Line (yes/no)		Alarm		
1200 or 300 baud Printer Baud Rate		Trouble		
		Bypass		
		Open/Close		
		System		
		Test Report		

3.2 Recommended Programming Procedure

The purpose of this document is to provide a quick and easy way to program your VISTA-120 system. A recommended programming procedure is included, followed by a list of program fields with the corresponding program group they belong to (Systemwide, partition-specific, scheduling, etc.).

Following the program forms are system layout worksheets. We recommend that you use these sheets to plan your system before programming is performed. If you need further information about specific programming options, see the VISTA-120 INSTALLATION INSTRUCTIONS.

Single Partition System
- The system default is for a single partition system. If you are setting up a single-partition system, the partition-specific fields become Systemwide fields. Follow the steps outlined on page 3 of this document for proper programming procedure.

Multiple-Partition System
- If you are setting up a multi-partition system, you must enter the number of partitions you are using in data field 2*00. Follow the steps outlined on page 3 of this document for proper programming procedure.

> **Make sure that one keypad is connected to the control and is set to device address "00."**

RECOMMENDED PROGRAMMING PROCEDURE

The following is a step-by-step procedure recommended for programming your VISTA-120 system.

1. **Set the keypads (and other peripheral devices) to the appropriate addresses.**

2. **Set factory defaults by pressing *97.**
   This will automatically enable keypad addresses 00-03, so be sure at least one keypad is set to one of these addresses.

3. **Program Systemwide (global) data fields.**
   Using the programming form as a guide, enter program mode and program all systemwide programming fields. These options affect the entire system, regardless of partitions. They include control options, downloader and dialler options, RF options, event logging options, etc.
   Note that field 2*00 (number of partitions) & field 1*32 (RF expander type) must be programmed before continuing.

4. **Program partition-specific fields.**
   Partition-specific fields can have different values for each partition. When the systemwide fields have been programmed, program all partition-specific programming fields by first pressing *91 to select a partition (while still in data field program mode). Then enter the first partition-specific field number *09. The next partition-specific field will automatically be displayed when you are finished entering the value for field *09. To program the fields for the next partition, press *91, enter the desired partition number, then enter field *09.

5. **Use #93 Menu Mode for device programming.**
   Refer to the DEVICE PROGRAMMING section of the Installation Instructions to assign keypad ID numbers and default partitions for each keypad, and to selectively suppress certain keypad sounding options. Also use this mode to assign RF receivers, relay modules, and the VIP module.

6. **Use #93 Menu Mode for zone programming.**
   Refer to the ZONE PROGRAMMING section of the Installation Instructions to program zone response types, assign right loop zones and wireless zones, assign zones to partitions, and to program alarm report codes.

7. **Use #93 Menu Mode for programming relays.**
   Refer to the RELAY PROGRAMMING section of the Installation Instructions to program desired relay operation.

8. **Program Communication options.**
   Refer to the COMMUNICATION PROGRAMMING section of the Installation Instructions to load communication defaults and to program related fields. Then use #93 mode to program report codes if necessary.

9. **Use #93 Menu Mode for programming alpha descriptors.**
   Refer to the ALPHA PROGRAMMING section of the Installation Instructions to enter zone and partition descriptors and a custom installer's message.

10. **Use #93 Menu Mode for programming relay voice descriptors and custom word substitutes.**
    Refer to the RELAY VOICE DESCRIPTORS section of the Installation Instructions for further instructions for programming relay descriptors to be annunciated by the 4285 VIP module, as well as the CUSTOM INDEX section for custom word substitutes.

11. **Use #80 Mode for programming schedules.**
    Refer to the SCHEDULING section of the Installation Instructions to program open/close schedules, temporary and holiday schedules, limitation of access schedules, and time driven events.

12. **Define user access codes.**
    Refer to SECURITY ACCESS CODES section of the Installation Instructions to program authority level, O/C reporting option, partition assignments, and wireless key assignments for each user.

13. **Exit Programming Mode**
    Exit programming mode by pressing either *98 or *99. A second entry of *99 is required if the exit is being done from fields 1*00 and above.

    To prevent re-access to Programming mode using the Installer's code, use *98. The only way to re-access Programming mode is by depressing both the [*] and [#] keys at the same time within 30 seconds of power up.

    Exiting by using *99 always allows reentry into Programming mode using the Installer's code. Either way of exiting will allow access via downloading. Note that if local programming lockout is set via downloading, programming mode cannot be entered at the keypad.

SUMMARY OF PROGRAMMING COMMANDS

- **To enter program mode,** enter installer code + [8] + [0] + [0] + [0]
- **To set standard defaults,** press *97
- **To set communication defaults,** press *94 + one of the following:
  *82=Ademco Expanded High Speed; *83=Ademco Contact ID
- **To change to next page of program fields,** press *94
- **To return to previous set of fields,** press *99
- **To erase account & phone number field entries,** press [*] + field number + [*]
- **To assign zone descriptors,** press #93 + follow menu prompts
- **To add custom words,** press #93 + follow menu prompts
- **To enter Installer's Message,** press #93 + follow menu prompts
- **To exit program mode,** press *99 OR *98: *99 allows re-access to programming mode by installer code.
  *98 prevents re-access to programming mode by installer code.

3.1 Quickstart Programming Sheet

Follow this Guide to set up your Vista 120 with the following options:

* 9 Zones Hardwired
* Three Partitions
* Forced Arming
* 4 Minutes Siren time out

* Back to Base (Ademco Contact ID)
* 24 Hour test Reports
* 30/90 Secs Entry Time
* 45/120 Secs Exit Time

SETTING CONSOLE ADDRESS:

1) Power up Alpha Console
2) Hold 1 & 3 Keys down (5 secs)
3) Change address to "01" **(This address will automatically be enabled when the panel is factory defaulted)**
4) Press * to save (all within 30 secs)

PROGRAMMING

Field Entry	Function (comments)
Enter Programming Mode	Press "*" & "#" within 50 Seconds of Power up **OR** Enter Installer Code **(4140)** + "8" + "0" + "0" + "0"
*97	**Loads Factory Defaults** (Previous programming will be erased) **MUST BE DONE**

SYSTEM WIDE FIELDS

- Press * & the Address Number to Enter Information.   - Press # & the Address Number to Review Information

*00	`? ? ? ?`	**Installer Code** (Default = 4 1 4 0)
*05	`1`	**Alarm Arming w/Low battery**
*07	`1`	**Arming with Exit Route Faults** - Enable Field 1*20 for Force arm operation
*17	`0`	**AC Mains Loss Keypad Sounding** - Keypad will beep rapidly 2 mins after A/C loss ("0" = enable)
*29	`1`	**Quick Arm Enable** ("1" = Enabled, "0" = Disabled)
*30	`1`	**Multi frequency or Pulse dial** ("1" = Tone Dial, "0" = Pulse Dial)
*31	`? ?`	**PABX** (Enter double digits for each number "0" enter as 00) Only use if Necessary
*33	`? ? ? ? ? ? ? ? ? ? *`	**Primary Phone Number:** Enter up to 17 digits
*34	`? ? ? ? ? ? ? ? ? ? *`	**Secondary Phone Number:** Enter up to 17digits
*35	`? ? ? ? ? ? ? ? ? ? *`	**Download Phone Number:** Enter up to 17digits
*41	`0`	**Zones normally closed or EOLR** ("1" = NC, "0" = EOLR)
*44	`# 1 5` or as required	**Ring Detection Count for Downloading** (# 15 = Answering System Defeat)
*54	`6`	**Maximum N0. Dialler Attempts** ("6" = meets ACA Compliance)
*55	`0 1`	**Country Code for Phonelines** ("01" = Australia)
*83	`0 0 2 3 5 5`	**First Test Report Time** - DD; HH; MM) - (Days 01 - 07 (01=Monday); Hours 00 - 23; Min 00 - 59)

*94 **Moves to 2nd Level of Programming** (Program last two digits of Address numbers)

1*20	`1`	**AutoBypass Open Exit Zones** ("1" = Enabled)
1*38	`1`	**Allows user to reset Tamper Alarm instead of Installer Only** ("1" = Enabled, "0" = Disabled)
1*39	`1`	**Allows user to bypass Tamper Alarm instead of Installer Only** ("1" = Enabled, "0" = Disabled)
1*44	`0`	**Keypress Tamper enable** ("1" = Enabled, "0" = Disabled - Should be disabled unless required)

*94 **Moves to 3rd Level of Programming** (Program last two digits of Address numbers)

2*00	`3`	**Number of Partitions** (1-8) Must be completed before moving to Partition Specific Fileds

*99 ***Returns to 2nd Level of Programming***

*99 ***Returns to 1st Level of Programming***

PARTITION SPECIFIC FIELDS

*91

ENTER PARTITION NUMBER   Enter Partition Number - See Address 2*00 for maximum number

*32	`0 ? 0 ? 0 ? 0 ?`	**Primary Subscriber ID - Partition 1** (Enter each numer as a 2 digit number)
*90	`0 ? 0 ? 0 ? 0 ?`	**Secondary Subscriber ID - Partition 1** (Enter each numer as a 2 digit number)

*94 **Moves to 2nd Level of Programming** (Program last two digits of Address numbers)

*94 **Moves to 3rd Level of Programming** (Program last two digits of Address numbers)

2*18	`1`	**Enable GOTO for this Partition** ("1" = Allow log on from other Partitions)

*99 ***Returns to 2nd Level of Programming***

*99 ***Returns to 1st Level of Programming***

*99 ***Exits Programming mode***

3.3 Program Field Categories

In the following pages, the programming fields have been arranged by category. Use this index to cross reference the numerical ordered fields on the programming form.

Field	Group	Field	Group	Field	Group
*00	Systemwide	*86	Systemwide	1*53	Systemwide
*06	Systemwide	*87	Partition-Specific	1*55	Systemwide
*07	Systemwide	*88	Partition-Specific	1*56	Systemwide
*09	Partition-Specific	*89	Communications	1*57	Systemwide
*10	Partition-Specific	*90	Partition-Specific	1*58	Systemwide
*11	Partition-Specific	1*01	#93 Menu Mode	1*60	Systemwide
*12	Partition-Specific	1*02	#93 Menu Mode	1*66	Systemwide
*13	Partition-Specific	1*03	#93 Menu Mode	1*67	Systemwide
*14	Systemwide	1*04	#93 Menu Mode	1*70	Systemwide
*15	Systemwide	1*05	#93 Menu Mode	1*71	Systemwide
*16	Partition-Specific	1*06	#93 Menu Mode	1*72	Systemwide
*17	Systemwide	1*07	#93 Menu Mode	1*73	Systemwide
*18	Systemwide	1*08	#93 Menu Mode	1*74	Systemwide
*19	Systemwide	1*09	#93 Menu Mode	1*75	Systemwide
*20	Systemwide	1*10	Systemwide	1*76	Partition-Specific
*21	Systemwide	1*11	Systemwide	2*00	Systemwide
*22	Partition-Specific	1*12	Partition-Specific	2*01	Systemwide
*23	Partition-Specific	1*13	Partition-Specific	2*02	Systemwide
*24	Systemwide	1*14	Systemwide	2*05	Partition-Specific
*25	Systemwide	1*15	Partition-Specific	2*06	Partition-Specific
*26	Communications	1*16	Partition-Specific	2*07	Partition-Specific
*27	Communications	1*17	Systemwide	2*08	Partition-Specific
*28	Systemwide	1*18	Partition-Specific	2*09	Partition-Specific
*29	Partition-Specific	1*19	Partition-Specific	2*10	Partition-Specific
*30	Communications	1*20	Systemwide	2*11	Systemwide
*31	Communications	1*21	Systemwide	2*13	Communications
*32	Partition-Specific	1*22	Systemwide	2*14	Communications
*33	Communications	1*23	Systemwide	2*18	Partition-Specific
*34	Communications	1*24	Systemwide	2*19	Partitioning
*35	Systemwide	1*25	Systemwide	2*20	Partition-Specific
*36	Systemwide	1*26	Partition-Specific	2*21	Systemwide
*37	Systemwide	1*28	Systemwide	2*22	Partition-Specific
*38	Partition-Specific	1*29	Systemwide	2*23	Partition-Specific
*39	Partition-Specific	1*30	Systemwide	2*24	Partition-Specific
*40	Communications	1*31	Systemwide		
*41	Systemwide	1*32	Systemwide		
*42	Communications	1*33	Communications		
*43	Communications	1*34	Communications		
*44	Communications	1*35	Communications		
*45	Communications	1*36	Communications		
*46	Communications	1*37	Communications		
*47	Communications	1*38	Communications		
*48	Communications	1*39	Communications		
*49	Communications	1*40	Communications		
*50	Communications	1*41	Partition-Specific		
*51	Communications	1*42	Communications		
*52	Communications	1*43	Partition-Specific		
*53	Communications	1*44	Systemwide		
*54	Communications	1*45	Partition-Specific		
*79	Communications	1*46	Systemwide		
*80	Communications	1*47	Partition-Specific		
*83	Communications	1*48	Systemwide		
*84	Partition-Specific	1*49	Systemwide		
*85	Partition-Specific	1*52	Partition-Specific		

3.4 Programming Form

Partition-Specific fields are programmed separately for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

NOTE: New fields (phase 2) are indicated by dotted underlined field numbers and titles.

*00   INSTALLER CODE | | | | [4140]   Enter 4 digits, 0-9

*01   INSTALLER CODE RESTRICTION   ☐ [0]   1 = Yes; 0 = No

*03   FINAL CONTACT SET (partition-specific)   ☐ [0]   1 = Yes; 0 = No

*04   AUTOBYPASS EXIT ROUTE FAULTS   ☐ [0]
    (partition-specific)   1 = Yes; 0 = No

*05   ARM WITH LOW BATTERY   ☐ [0]   1 = Yes; 0 = No

*06   ZONE TYPE 5 ALWAYS ALARM   ☐ [0]   1 = Yes; 0 = No

*07   ALLOW ARMING WITH   ☐ [0]
    FAULTS IN EXIT ROUTE   1 = Yes; 0 = No

*08   SELF ACTIVATING SIREN OUTPUT   ☐ [0]   1 = Yes; 0 = No

*09   ENTRY DELAY #1   Partition-Specific
*10   EXIT DELAY #1   Partition-Specific
*11   ENTRY DELAY #2   Partition-Specific
*12   EXIT DELAY #2   Partition-Specific
*13   BELL TIMEOUT   Partition-Specific

*14   ZONE 9 RESPONSE TIME   ☐ [0]
    1 = fast response mode (10msec); 0 = normal response, 350msec

*15   KEYSWITCH ASSIGNMENT   ☐ [0]
    1-8; 0=disable
    Enter partition in which keyswitch used.

*16   BELL/SIREN CONFIRMATION OF   Partition-Specific
    ARMING DING

*17   AC MAINS LOSS KEYPAD   ☐ [0]
    SOUNDING   1=yes; 0=no

*18   MAINS PRESENCE DISPLAY   ☐ [0]   1 = Yes   0 = No

*19   RANDOMISE AC MAINS   ☐ [0]   (1 = recommended)
    LOSS REPORT   1=10-40 min; 0=normal report
    about 2 min. after AC loss

*20   TELEPHONE MODULE | | | | [00] [11]
    PHONE CODE   Enter 01 - 09 for first digit; enter 11 for "*" or 12 for "#" for second digit.

*21   PREVENT FIRE TIME-OUT   ☐ [0]
    1 = disable (no timeout); 0 = normal burglary alarm sounder duration
    (programmed in partition-specific field *13)

*22   KEYPAD PANIC ENABLE   Partition-Specific
*23   MULTIPLE ALARMS   Partition-Specific

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

*24   IGNORE EXPANSION   ☐ [0]
ZONE TAMPER   1=Ignore; 0=Enable tamper for RF and RPMs.

*25   BURG.TRIGGER FOR   ☐ [1]
RESPONSE TYPE 8   1=enable; 0=disable

*26   INTELLIGENT TEST REPORTING   ☐ [0]   1=yes, (no report sent if any other report was recently sent); 0=no.

*27   TEST REPORT INTERVAL   ☐☐ [024]
001-999; 000=no report; Enter interval in hours.

*28   POWER UP IN PREVIOUS STATE   ☐ [1]   1=yes; 0=no

*29   QUICK ARM   Partition-Specific

*30   MULTIFREQUENCY OR   ☐ [0] (1 = Recommended)
PULSE DIAL   1=Multifrequency (DTMF); 0=Pulse Dial

*31   PABX ACCESS CODE   ☐ ☐ ☐ ☐
Enter 00-09; B-F (11-15)

*32   PRIMARY SUBS. ACCT #   Partition-Specific

*33   PRIMARY PHONE NUMBER   ☐☐☐☐☐☐☐☐☐
☐☐☐☐☐
Enter 0-9 for each digit. Enter #11 for *, #12 for #, #13 for 2 second pause

*34   SECONDARY PHONE NUMBER   ☐☐☐☐☐☐☐☐☐
☐☐☐☐☐
Enter 0-9 for each digit. Enter #11 for *, #12 for #, #13 for 2 second pause

*35   DOWNLOAD PHONE No.   ☐☐☐☐☐☐☐☐☐
☐☐☐☐☐
Enter 0-9 for each digit. Enter #11 for *, #12 for #, #13 for 2 second pause

*36   DOWNLOAD ID No.   ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15]

*37   DOWNLOAD COMMAND ENABLES   ☐   ☐   0   ☐   ☐   ☐   ☐   ☐ [1]

Dialler	System	Restrict	Remote	Remote	Remote	Upload	Download
Shutdwn	Shutdwn	Access	Bypass	Disarm	Arm	Prog	Prog

See field 1*53 for Callback disable option; 1=enable; 0=disable

† **Restrict Download Access When Armed:** Can only arm unarmed partitions, upload the programme/ event log, command relays, and request status

*38   PREVENT ZONE XXX BYPASS   Partition-Specific
*39   ENABLE OPEN/CLOSE REPORT   Partition-Specific
  FOR INSTALLER CODE

*40   OPEN/CLOSE REPORT   ☐ [0]
FOR KEYSWITCH   1=enable; 0=disable

*41   NORMALLY CLOSED or EOLR   ☐ [1]
 (Zones 2-8)   1=N.C. loops; 0=EOLR supervision

*42   SUPPRESS FIRE ALARM RELAY   1= suppress fire alarm relay on 4204/Powerline Carrier Device relays
0= 4204/Powerline Carrier Device fire alarm relay activates on fire alarms

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

*43   SUPPRESS RF SIREN ACTIVATION   ☐ [0]
           FOR FIRE ALARMS

1= suppress wireless siren (e.g. 5840) activation on fire alarms
0= wireless siren sounds for fire alarms

*44   RING DETECTION COUNT   ☐| [00]

01-14; 15=answering machine/fax bypass; 00=no detection.

*45   PRIMARY FORMAT   ☐ [0]

0=Low Speed; 1=Contact ID; 2=Ademco Exp. High Speed; 3=Ademco Express

*46   LOW SPEED FORMAT (Primary)   ☐ [0]

0=Ademco Low Speed; 1=Sescoa/Radionics

*47   SECONDARY FORMAT   ☐ [0]

0=Low Speed; 1=Contact ID; 2=Ademco Exp. High Speed; 3=Ademco Express

*48   LOW SPEED FORMAT (Sec.)   ☐ [0]

0=Ademco Low Speed; 1=Sescoa/Radionics

*49   CHECKSUM VERIFICATION   ☐ ☐ [0] [0] Prim   Sec   1=yes; 0=no

*50   SESCOA/RADIONICS SELECT   ☐ [0]   1=Sescoa; 0=Radionics

*51   DUAL REPORTING   ☐ [0]

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

*52   STANDARD/EXPANDED REPORT   ☐   ☐   ☐   ☐   ☐   ☐   [0]
           FOR PRIMARY
           Alarm   Rstr   Bypass Trbl   Opn/Cls   Low Bat
0=standard; 1=expanded; Note: Expanded overrides choices in 4+2 format.

*53   STANDARD/EXPANDED REPORT   ☐   ☐   ☐   ☐   ☐   ☐   [0]
           FOR SECONDARY
           Alarm   Rstr   Bypass Trbl   Opn/Cls   Low Bat
0=standard; 1=expanded; Note: Expanded overrides choices in 4+2 format.

*54   MAX. No. OF DIALLER ATTEMPTS   ☐ [8]   Enter 1-8.

*55   TELEPHONE SYSTEM SELECT.   ☐| [00]

    † options 01   00= SECURITEL
                          01=   Australia †

*56   CONTACT ID DATA ON KEYPAD   ☐ [0]
           BUS FOR ALT. COMM. Media.   1= Yes
           Reporting Instead Of Digicom.   0= No

*57   CONTACT ID DATA ON KEYPAD   ☐ [0]
           BUS FOR BACK-UP Alt. Comm.   1= Yes
           Media Reporting If Digicom Fails   0= No

*58   SELECTION OF CONTACT ID   ☐   ☐   ☐   ☐   ☐   ☐
           MESSAGE DATA ON KEYPAD.   Alarms   Troubles   Bypasses   Open/   System   Test
           BUS FOR SUBSCRIBER ID#1   [0][0][0][0][0][0]   Close   Conditions   Reports
                                            1=Yes; 0=No

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

*59   SELECTION OF CONTACT ID
MESSAGE DATA ON KEYPAD
BUS FOR SUBSCRIBER ID#2

☐ ☐ ☐ ☐ ☐ ☐

Alarms Troubles Bypasses Open/ System Test
[0][0][0][0][0][0]   Close   Conditions Reports
1=Yes; 0=No

*60   VERIFIED ALARM REPORT
ENABLE

☐ [0]
1= Yes (Swedish requirement)
0= No

*61   ROBOFON VERSION OF
CONTACT ID

☐ [0]
0= Yes (Swedish requirement),
0= No

*79   ZONE TYPE RESTORE ENABLES
FOR ZONE TYPES 1-8

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ [0]
1   2   3   4   5   6   7   8
1=enable; 0=disable

*80   ZONE TYPE RESTORE ENABLES
FOR TYPES 9/10

☐ ☐ [0]
9   10
1=enable; 0=disable

*83   FIRST TEST REPORT TIME

☐| ☐| ☐|
[Day 00; hour 12; min 00]   Days 01-07   Hours 00-23   Min 00-59;
00 in all boxes=instant (Day 01= Monday)

*84   INTERMITTENT SENSOR
SUPPRESSION   Partition-Specific

*85   ENABLE DIALLER REPORTS [0]   Partition-Specific
FOR PANICS & DURESS

*86   REPORT/LOG ZONE TYPE 23   ☐ [0]   1=yes; 0=no

*87   ENTRY WARNING   Partition-Specific

*88   BURG. ALARM COMM. DELAY   Partition-Specific

*89   RESTORE REPORT TIMING   ☐ [0]   0=Instant; 1=After bell timeout if zone is restored; 2=when system is disarmed.

*90   SECONDARY SUBS. ACCT.#   Partition-Specific

1*00   CONTACT ID REPORTING IN
ASCII THROUGH PRINTER PORT

☐ [0]
1= Yes   0= No, event log usage

1*01   ASCII CONTACT ID REPORTING
WITH OR WITHOUT ACK

☐ [0]
1= ACK not required   0= ACK required

1*02   ASCII CONTACT ID BAUD RATE   ☐ [0]   0= 1200   1= 2400   2= 4800

1*05   BYPASS ENABLE FOR FIRE ZONES   ☐ [0]
1=yes, allow bypass of fire zones; 0= fire zones cannot be bypassed

1*06   SUPPRESS ALL KEYPAD DISPLAYS
WHEN SYSTEM IS ARMED

☐ [0]
0= Yes; 0= No

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

1*07	CHECK OR TROUBLE DISPLAY	☐ [0]	0=check; 1=trouble
1*08	SUPPRESS USE OF "ARMED" LED ON KEYPADS (For countries where Red is only for alarm)	☐ [0] 1= Yes 0= No	
1*09	SUPPRESS KEYPAD ARMING STATUS INDICATIONS WHEN SYSTEM IS ARMED	☐ [0] 1= Yes 0= No	
1*10	FIRST TO ALARM DISPLAY LOCK	☐ [0]	1=yes; 0=no
1*11	COMMON AREA 1 PARTITION	☐ [0]	Enter the "common area 1" partition (1-8)
1*12	AFFECTS COMMON AREA 1	Partition-Specific	
1*13	ARMS COMMON AREA 1	Partition-Specific	
1*14	COMMON AREA 2 PARTITION	☐ [0]	Enter the "common area 2" partition (1-8)
1*15	AFFECTS COMMON AREA 2	Partition-Specific	
1*16	ARMS COMMON AREA 2	Partition-Specific	
1*17	COMMON AREA 3 PARTITION	☐ [0]	Enter the "common area 3" partition (1-8)
1*18	AFFECTS COMMON AREA 3	Partition-Specific	
1*19	ARMS COMMON AREA 3	Partition-Specific	
1*20	AUTOBYPASS FAULTED EXIT ROUTE ZONES	☐ [0] 0=No, 1=Bypass E/E and Interior zones faulted after exit delay. (Australian requirement)	
1*21	EXIT DELAY RESET	☐ [0] 0=No; 1=Resets Exit Delay to 60 seconds after zone is closed.	
1*22	CROSS-ZONING PAIR ONE	☐☐ ☐☐ Enter 3-digit zone numbers to be linked so that both must fault within a five minute period to cause an alarm.	
1*23	CROSS-ZONING PAIR TWO	☐☐ ☐☐ Enter 3-digit zone numbers to be linked so that both must fault within a five minute period to cause an alarm.	
1*24	CROSS-ZONING PAIR THREE	☐☐ ☐☐ Enter 3-digit zone numbers to be linked so that both must fault within a five minute period to cause an alarm.	
1*25	CROSS-ZONING PAIR FOUR	☐☐ ☐☐ Enter 3-digit zone numbers to be linked so that both must fault within a five minute period to cause an alarm.	
1*26	PANIC BUTTON OR SPEED KEY	partition-specific	
1*27	FIELD 1*31 TRANS. CHECK-IN SUPERVISION INTERVAL TO BE MULTIPLE OF 1 HOUR INSTEAD OF 2 HOURS	☐ [0] 1 = 1 hour (must be 1 hour for CENELEC compliance) 0 = 2 hours	

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

1*28   RF TX LOW BATTERY SOUND   ☐ [0]   1=immediate; 0=when disarmed

1*29   RF TX LOW BATTERY REPORT ENABLE ☐ [0]   1=enable; 0=disable

1*30   RF RCVR CHECK-IN INTERVAL   ☐ [06]   02-15 times 2 hours; 00 disables supervision

1*31   RF TRANSMITTER   ☐ [12]

        CHECK-IN INTERVAL   02-15 times 2 hours; 00 disables transmitter supervision

1*32   RF RECEIVER TYPE   ☐ [0]   1=4281; 2=5881/5882

1*33   MULTIFREQUENCY with   ☐ [0]

        PULSE DIAL BACKUP   1=enable; 0=disable

1*34   COMM. SPLIT REPORT SELECTION   ☐ [0]

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

1*35   LOW BATTERY TEST INTERVAL   ☐ [0]

        1 = 1.5 second test every 50 seconds
        0 = 13 second test every 4 minutes

1*36   CPU FAIL TRIGGER OUTPUT.   ☐ [0]

        1 = yes, Output trigger 2 on J7 to be CPU fail output, overriding any other selection for Output 2 (CENELEC requirement)
        0 = no, normal use for Output 2

1*37   TLM INPUT ON ZONE 9   ☐ [0]

        1 = yes, telephone line fault monitor output to be fed into zone 9
        0 = no, normal use for zone 9

1*38   USER RESET OF TAMPER ALARMS.   ☐ [0] (1 = Recommended)

        INSTEAD OF INSTALLER ONLY RESET   1 = yes   0 = no

1*39   USER BYPASS OF TAMPER.   ☐ [0] (1 = Recommended)

        FAULTS INSTEAD OF   1 = yes
        INSTALLER ONLY BYPASS   0 = no

1*40   MAX. NUMBER OF ZONES THAT.   ☐ [00]

        CAN BYPASSED PER PARTITION.   01-15, 00 = no restriction
        (partition-specific)

1*41   BYPASS/UNBYPASS ZONES   ☐ [0]

        WHEN ARMED   1=Yes; 0=No.

1*42   CALL WAITING DEFEAT   ☐ [0]

        1=Yes; 0=No.

1*43   PERM. KEYPAD BACKLIGHT   Partition-Specific

1*44   WIRELESS KEYPAD   ☐ [1] (Locks out keypad after 20 key sequential key presses)

        TAMPER DETECT ENABLE   1=enable; 0=disable.

1*45   EXIT DELAY SOUNDING   Partition-Specific

1*46   AUXILIARY OUTPUT MODE   ☐ [0]

        0 = ground start output; 1 = open/close trigger; 2 = keypad-like sounding 3 = AAV module is being used

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

1*47	CHIME ON BELL/SIREN	Partition-Specific

1*48   WIRELESS KEYPAD ASSIGNMENT ☐ [0]

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

1*49   SUPPRESS TX SUPERVISION ☐ [1]
       SOUND   1=disable; 0=enable

1*50   No. SECONDS ADDED PER DAY ☐ [0]

00-30 = number of seconds needed to be added per day for clock

1*51   No. SECONDS REMOVED PER DAY ☐ [0]

00-30 = number of seconds needed to be removed per day for clock

1*52	SEND CANCEL IF ALARM + OFF	Partition-Specific

1*53   DOWNLOAD CALLBACK ☐ [0]

1=callback not required; 0=callback required

1*54   INTERNAL CLOCK SYNC. ☐ [0] 1 = use internal crystal for real-time clock; 0=use AC sync for clock

1*55   INTERNATIONAL DATE FORMAT ☐ [1]   1=DDMMYY; 0=MMDDYY

1*56   AC 60Hz/50Hz ☐ [1]   1 = 50Hz; 0 = 60Hz (Aust. Requirement 50Hz)

1*57   5800 RF BUTTON GLOBAL ARM ☐ [0]   1 = yes; 0 = no

1*58   5800 RF BUTTON FORCE ARM ☐ [0]

Enter "1" to enable. If a zone is faulted after pressing button, keypad will beep once. User should press button again within 4 sec. to force bypass those zones. Enter "0" to disable.

1*59   SUPRESS STATUS LED OUTPUT ☐ [0]
       WHEN ZONE 7 KEYSWITCH   1 =yes
       ENABLED / RETAIN VOLTAGE 0 = no
       TRIGG. OUTPUTS

1*60   ALARM VERIFICATION ☐ [0] Enter 1 If alarm verification is being used; Enter 0 if it is not.

1*61   DISPLAY TAMP[e]R ☐ [0]

Enter 1 to display "TAMPR" upon tamper conditions;
Enter 0 to display "CHECK" or "TRBL" depending on state of field 1*07

1*62   TAMPER DETECT IN TEST MODE ☐ [0]

Enter 1 to terminate Test mode upon tamper condition;
Enter 0 to ignore tamper conditions during Test mode (displays "FAULT")

1*66   SILENCE SOUNDERS DURING AAV ☐ [0]   1=AAV in use; 0=No

1*67   VIDEO ALARM VERIFICATION ☐ [0]   1=Yes; 0=Audio Alarrm Verification

1*70   EVENT LOG TYPES ☐ ☐ ☐ ☐ ☐ ☐
                 Alrm Chck Byps O/C Syst Test Rpt
                 1=enable; 0=disable

1*71   12/24 HOUR TIME STAMP FORMAT ☐ [0]   1=24 hour; 0=12 hour

1*72   EVENT LOG PRINTER ON-LINE ☐ [0]

1=enable; 0=disable

VISTA 120 PROGRAMMING FORM

Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

1*73   PRINTER BAUD RATE   ☐ [0]

1=300; 0=1200

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

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

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

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

1*76   ACCESS CONTROL RELAY   Partition-Specific
           FOR PART.

1*77   LOG FIRST MAINTENANCE SIGNAL   ☐ [0]   1= log first maintenance signal; 0= no logging

3rd Page Programming Fields (press *94)

2*00   NUMBER OF PARTITIONS   ☐ [1]   Enter the number of partitions used in this system, 1-8.

2*01   SUMMER TIME   ☐ ☐ [04, 10]
           START/END MONTH

Start   End
00-12; if no Summer time, enter 00,00

2*02   SUMMER TIME   ☐ [1, 5]
           START/END WEEKEND #

Start | End
Enter 1-7. 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next to last; 7=3rd from last [1,5; 1st Sunday in April, last in Oct.]

2*05   AUTO-ARM DELAY   Partition-Specific
2*06   AUTO-ARM WARNING PERIOD   Partition-Specific
2*07   AUTO-DISARM DELAY   Partition-Specific
2*08   ENABLE FORCE ARM   Partition-Specific
           FOR AUTO-ARM
2*09   OPEN/CLOSE REPORTS   Partition-Specific
           BY EXCEPTION   Partition-Specific
2*10   ALLOW DISARMING ONLY DURING Partition-Specific
           ARMING/DISARMING WINDOWS

2*11   ALLOW DISARM OUTSIDE WINDOW   ☐ [0]

           IF ALARM OCCURS

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

2*18   ENABLE GOTO FOR THIS PART.   Partition-Specific

2*19   USE PARTITION DESCRIPTORS   ☐ [1] 1=enable 0=disable

2*20   ENABLE J7 TRIGGERS BY PART.   Partition-Specific

2*21   ENABLE SUPERVISION PULSES   ☐☐ [000]

           FOR LRR TRIGGER OUTPUTS   F   B   S
Used for supervised connection to a transmitter.
Enter 0 to disable or 1 to enable the listed outputs.
F= Fire; B= Burglary; S= Silent panic/duress.

2*22   DISPLAY FIRE ALARMS OF   Partition-Specific
           OTHER PARTITIONS

2*23   DISPLAY BURG & PANIC   Partition-Specific
           ALARMS OF OTHER PARTITIONS

2*24   DISPLAY TROUBLES OF OTHER PARTITIONS   Partition-Specific

VISTA 120 PROGRAMMING FORM

Partition – Specific Fields

(Duplicate these pages for each partition in the installation)

To programme these fields:
1. Press *91 to select a partition
2. Enter a partition-specific field number (eg. *09).

3. Make the required entry
4. Repeat steps 1-3 for each partition in the system

Partition # _____   Programme Fields

*09	ENTRY DELAY #1	[ ] [02]	00-15 times 15 seconds
*10	EXIT DELAY #1	[ ] [03]	00-15 times 15 seconds
*11	ENTRY DELAY #2	[ ] [06]	00-15 times 15 seconds Must be longer than Entry Delay #1
*12	EXIT DELAY #2	[ ] [08]	00-15 times 15 seconds Must be longer than Exit Delay #2
*13	BELL TIMEOUT	[ ] [04]	00-15 times 1 minute

*16 BELL/SIREN CONFIRMATION OF ARMING DING   [ ] [0]
1=enable; 0=disable

*22 KEYPAD PANIC ENABLE   [ ] [ ] [ ] [0 0 1]
995 996 999   1=enable; 0=disable

*23 MULTIPLE ALARMS   [ ] [1]   1=yes; 0=no

*29 QUICK ARM   [ ] [1]   1=yes; 0=no

*32 PRIMARY SUBS. ACCT #   [ ] [ ] [ ] [ ] [15 15 15 15]
Enter 00-09; B-F (11-15)

*38 PREVENT ZONE XXX BYPASS   [| |] [0 0 0]
001-128; 000 if all zones (except fire zones) can be bypassed

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

*84 INTERMITTENT SENSOR SUPPRESSION   [ ] [1 5]   01-15 alarms; musr be "0 0" (disabled) for UL

*85 ENABLE DIALLER REPORTS [0] FOR PANICS & DURESS   [ ] [ ] [ ] [ ]
995 996 999 Duress   1=enable; 0=disable

*87 ENTRY WARNING   [ ] [1]   1=continuous; 0=3 beeps

*88 BURG. ALARM COMM. DELAY   [ ] [0]   1=16 seconds; 0=no delay

*90 SECONDARY SUBS. ACCT .#   [ ] [ ] [ ] [ ] [15 15 15 15]
Enter 00-09; B-F (11-15)

1*12 AFFECTS COMMON AREA 1   [ ] [0]
Enter 1 if this partition affects the common area 1; enter 0 if it does not.

1*13 ARMS COMMON AREA 1   [ ] [0]
Enter 1 if arming this partition attempts to arm area 1; enter 0 if not.

1*15 AFFECTS COMMON AREA 2   [ ] [0]
Enter 1 if this partition affects the common area 2; enter 0 if it does not

1*16 ARMS COMMON AREA 2   [ ] [0]
Enter 1 if arming this partition attempts to arm area 2; enter 0 if not.

1*18 AFFECTS COMMON AREA 3   [ ] [0]
Enter 1 if this partition affects the common area 3; enter 0 if it does not.

VISTA 120 PROGRAMMING FORM

Partition – Specific Fields

(Duplicate these pages for each partition in the installation)

1*19 ARMS COMMON AREA 3 ☐ [0]

Enter 1 if arming this partition attempts to arm area 3; enter 0 if not.

1*26 PANIC BUTTON OR SPEED KEY ☐ ☐ ☐ ☐

A   B   C   D

Enter 00 if the key will be used for a panic function or 01-32 for the number of macro that will be executed when the key is pressed

1*43 PERM. KEYPAD BACKLIGHT ☐ [0]

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

1*45 EXIT DELAY SOUNDING ☐ [0]   1=enable; 0=disable;Produces quick beeping during exit delay if enabled

1*47 CHIME ON BELL/SIREN ☐ [0]   1=enable; 0=disable

1*52 SEND CANCEL IF ALARM + OFF ☐ [0]   1=no restriction; 0=within bell timeout period only

1*76 ACCESS CONTROL RELAY FOR PART. ☐ [00]   Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 01-96; 00=none.

2*05 AUTO-ARM DELAY ☐ [15]   Enter the time between the end of the arming window and the start of auto-arming warning period, in values of 1-14 times 4 minutes; 00=instant; [15=no auto arm at all]. When this delay expires, the Auto-Arm Warning Period begins.

2*06 AUTO-ARM WARNING PERIOD ☐ [00]   This is the time during which the user is warned to exit the premises prior to the auto-arming of the system (beeps every 15 seconds; "ALERT" displayed). Enter 01-15 minutes. 00=instant at end of arming delay

2*07 AUTO-DISARM DELAY ☐ [15]   This is the time between the end of the disarming window and the start of auto-disarming. Enter 01-14 times 4 minutes; 00=instant at end of window; 15= no auto-disarm.

2*08 ENABLE FORCE ARM FOR AUTO-ARM ☐ [0]   0=disable 1=enable

2*09 OPEN/CLOSE REPORTS BY EXCEPTION ☐ [0]   1=enable; 0=disable; If enabled, only openings and closings occurring outside the scheduled opening/closing windows will trigger dialler reports. Opening reports will also be suppressed during the closing window, in order to prevent false reports when the user arms the system and then reenters the premises to retrieve a forgotten item.

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

0=disable; 1=enable; See Systemwide field 2*11 if enabling field 2*10. This feature adds high security to the installation.

2*18 ENABLE GOTO FOR THIS PART. ☐ [0]   1=Allow log-on from other partitions; 0=disable

2*20 ENABLE J7 TRIGGERS BY PART. ☐ [1]

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

2*22 DISPLAY FIRE ALARMS OF OTHER PARTITIONS ☐ [0]   0=No; 1=Yes

2*23 DISPLAY BURG & PANIC ALARMS OF OTHER PARTITIONS ☐ [0] 0=No; 1=Yes

2*24 DISPLAY TROUBLES OF OTHER PARTITIONS ☐ [0] 0=No; 1=Yes

3.5 Programming with #93 Menu Mode

NOTE: The following fields should be preset before beginning: 2*00 Number of Partitions; 1*32 receiver type. In addition, receivers should be programmed via Device programming.

After programming all system related programming fields in the usual way, press #93 while still in programming mode to display the first choice of the menu driven programming functions. Press 0 (NO) or 1 (YES) in response to the displayed menu selection. Pressing 0 will display the next choice in sequence. Menu selections are as follows:

```
ZONE PROG?
0=No      1=Yes
```
For programming the following:
• Zone Number
• Zone Response Type
• Wired zone
• RF Zone
• Right/left Loop Zone
• Serial number RPM zone
• Partition Number for Zone
• Dialler report code for zone

```
SEQUENTIAL LEARN?
0=no       1=yes
```
For entering (enrolling) 5800 transmitter & serial number polling loop device serial numbers into the system.

```
REPORT CODE PROG
0 = no; 1 = yes
```
For entering report codes for zones and all system conditions.

```
ALPHA PROG?
0=no       1=yes
```
For entering alpha descriptors for the following:
• Zone Descriptors
• Installer's Message
• Custom Words
• Partition Descriptors
• Relay Descriptors

```
DEVICE PROG?
0=no       1=yes
```
For defining the following device characteristics for addressable devices, including keypads, RF receivers (4281/5881/5882), 4285 voice module and 4204 output relay modules:
• Device Address
• Device Type
• Device's Home Partition
• Keypad Options
• Voice Module

```
RELAY PROG?
0=no       1=yes
```
For defining output relay functions.

| RLY VOICE DESCR?
0=no   1=yes | For entering voice descriptors to be used with voice module functions. |

| CUSTOM INDEX #?
0=no   1=yes | For creating custom word substitutes for voice module annunciation. |

| CLEAR RF SERIAL #?
0=no   1=yes | For deleting all RF serial numbers presently enrolled in the system. |

#93 MENU MODE KEY COMMANDS

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

#93	Enters Menu mode
[Q]	Serves as ENTER key. Press to have keypad accept entry.
[#]	Backs up to previous screen.
0	Press to answer NO
1	Press to answer YES
01-09	All data entries are 2-digit entries.
00	Escapes from menu mode, back into field programming mode, when entered at the first question for each category.

3.7 Menu Mode Programming

Training Module

MENU MODE PROGRAMMING
- **Zone Programming**
- Sequential Learning
- Report Code Programming
- Alpha Programming
- **Device Programming**
- Relay Programming
- Relay Voice Descriptors
- Custom Index

- Answer Yes or No to questions
  1 = Yes   0 = No
- System Wide & Partition Specific Fields should be completed first

DEVICE PROGRAMMING - CONSOLES

DEVICES (Keypads, 4204, etc.)									
Device Address 00	Type	Home Partition	Sounder Option	Supervised CF?	Device Address 16	Type	Home Partition	Sounder Option	Supervised CF?
01					17				
02					18				
03					19				
04					20				
05					21				
06					22				
07					23				
08					24				
09					25				
10					26				
11					27				
12					28				
13					29				
14					30				
15									

Type:
0 = device not used

1 = alpha keypad (address 00-30)

3 = RF receiver (address 01-07)

4 = Output Relay module (address 00-15)

5 = Voice Module (address 04 factory set)

Keypad Sounder Options:
00 = no suppression
01 = suppress arm/disarm and entry/exit beeps
02 = suppress chime mode beeps only
03 = suppress arm/disarm, entry/exit and chime mode beeps

A device is anything connected to the Console connections
- Enter Programming
- Press #93
- Enter "0" (4 times) until Device Programming appears, Then enter "1" for Yes
- Device Address Number 01 is already defaulted to an Alpha Console.

DEVICE PROGRAMMING – Cont.

- Enter Device Address Number (01 – 30).
- Press * to move to Device Type
- Enter the Required Device (To Program a 6139 Console – Enter "1")

DEVICE TYPE	DEVICE	ALLOWABLE ADDRESS NUMBERS
1	Alpha Console	01 - 30
1	5800TM	28 - 30
3	RF Receiver	01 - 07
4	Output Relay Module	01 – 15
5	VIP Voice Module	04

- Press * to move to Console Partition
  Enter the Console's Home Partition (1-9), Entering a 9 will enable the Console as a Master Console
- Press * to move to Sound Option
- Enter Console Sounder Option Enter the Device Type "1" for Alpha Console

SOUND OPTION	SOUNDS SUPPRESSED
0	No Suppression
1	Suppress Arm/Disarm & Entry/Exit beeps
2	Suppress Chime mode beeps only
3	Suppress Arm/Disarm, Entry/Exit & Chime beeps

- Press * to move to Keypad Global
- If Required enter "1" to enable this particular Console to allow Global Arm/Disarm functions.
  - If a console is not enabled then a User with Global Arm/Disarming enabled will have to log to each partition in turn .
- Press * to move to Device Address & Program next Device
- Continue until all Consoles are programmed in
- When finished Enter "00" & "*" to exit Device Address programming

ZONE PROGRAMMING:

						DIP RPM	DIP RPM				† Enter loop number on module	Must be 1

devices Zone No. 1	Zone Type	Parti-tion (1-8)	RF (3)	UR (4)	BR (5)	DIP RPM left loop	DIP RPM right loop	Ser. RPM †	Basic Wired	Report Code	Zone Information (part numbers) & Alpha Descriptor (3 words max.)
2											
3											
4											
5											
6											
7											
8											
9											

Header spanning note: "ZONE DEFINITIONS FOR ZONES 1-24"; "RF Trans. Type†"; "for basic wired, serial numbered, and DIP left loop"

- Remain in #93 Menu mode
- Answer No "0" until Zone Programming Option is selected
- Answer Yes "1" to Zone Programming
- Enter 3 digit Zone Number (001 – 128)
- Press * to move to Zone Summary

```
 001   Z T   P   RC    IN:   L
       09    1   00    HW:   1
```

ZT = Zone Type
P = Partition
RC = Report Code
In = Input Type
L = Response Time or
      Loop Number

- Press * to move to Zone Response Type
- Enter required Zone Type

ON IN STAY MODE
Type 01 Entry / Exit Burglary #1
Type 02 Entry / Exit Burglary #2
Type 03 Perimeter Burglary

OFF IN STAY MODE
Type 04 Interior Follower
Type 10 Interior with Delay

24 HOUR ZONE
Type 05 Trouble Day/Alarm Night
Type 06 24 Hour Silent Alarm
Type 07 24 Hour Audible Alarm
Type 08 24-Hour Auxiliary Alarm
Type 09 Supervised Fire
Type 19 24-Hour Trouble

ZONE PROGRAMMING Cont.

- Press * to move to Partition
- Enter the Partition this Zone belongs to (1 –8).
- Press * to move to Report Code – Leave at "0 0" at this time
- Press * (3 times) to move to Input Type
- Enter the Type of Device being used for this Zone
    INPUT TYPE
01	Hardwired Zone
03	Supervised RF (RF)
04	Unsupervised RF (UR)
05	Button RF (BR)
06	Serial Number Polling loop Device (SL)
07	Dip Switch Polling Loop Device
08	Right Loop of Dip Switch Device

- Press * to move to Zone Summary (See above diagram)
- Press * to return to move to "Enter Zone Number" display
- When you have finished programming all zones, Enter 000 as the next zone number & press "*" to quit Zone Programming
- Then enter "1" (yes) to Exit Menu Mode
- **Pressing " # " allows you to move backwards**

4. Communications

Training Module

COMMUNICATION DEFAULTS (*Program after all Zones are programmed)*
- This enables all Zones to report
- This Enables all "Zone Types" to send Restores
- This does not Enable Zones Restores, Supervisory or System Reporting

To Load Contact ID communication defaults
- Whilst at 1st Level of Programming
- Press *94 to move to the second level
- Press * 83 to Load Defaults
- Enter "1" to Default to Contact ID (see Defaults on p.134 – 138 of V120a Installation & Setup Guide)

REPORT CODE PROGRAMMING
- Whilst at 1st Level of Programming Press #93 & enter Menu Mode
- Press #93
- Select Report Code Programming

ALARM CODES	RESTR, SUPV. CODES (for groups of 16 zones)	SYSTEM GROUP #1
Zone Alarm Reports	Alarm Restore Trouble Trouble Restore Bypass Bypass Restore	Closing (arm away) Opening (disarm) System Low Battery Low Battery Restore AC Mains Loss AC Mains Restore Periodic Test Power Cancel Programme Tamper Callback Request
SYSTEM GROUP #2	**SYSTEM GROUP #3**	
Arm Stay Early Open Time Set, Log Reset Log 50%, 90% Full Event Log Overflow Autobypass by Zone Autobypass by User Recent Close	Early Close Late Open Late Close Failed to Open Failed to Close Auto-Arm Failed Schedule Change	

- Press * to move to Alarm, ID Digit
- Answer No "0" to Alarm, ID Digit (These were enabled when the Contact ID Defaults were Loaded)
- Answer Yes "1" to Restore, Supv Codes
- Enter one Zone from Each Group of 16 Zones (001-016, 017-032, etc)
- Press * to continue
- Enter a "01" followed by a "*" to enable each report required (See above Table) or just press "*" to leave disabled
- Repeat as required for each Group of 16 Zones by entering one Zone from the next group of 16 zones
- When finished programming "Restore / Supervisory Codes", Enter "000" at the Zone number prompt.
- To Move to System Group #1 enter a "0" (No) when asked if you wish to Quit Report Menu
- Then Answer "1" Yes or "0" No to Program System Group #1
- To Enable these reports enter 1st digit as "01"
- 2nd digit can be left as "00"
- When you have finished programming these report codes the system will prompt: Quit report Menu?
- To Enter System Group #2 Press "1" (Yes)
- Program as per System Group #1

4.1 Setting the Clock

- Enter Installer Code #63
- Enter value required and press * to move along
- See Page 142 – Installation Instructions

5. End User Functions

Training Module

INSTALLER CODE
- Entered through Address *00
- Installer Code default is 4140

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 1-3													
4-digit Security Code	**Access Group** 0; 1-8	**Partition 1**				**Partition 2**				**Partition 3**			
		2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close

ACCESS CODES & USER DEFINITIONS FOR PARTITIONS 7 & 8										
4-digit Security Code	**Access Group** 0; 1-8	**Partition 7**				**Partition 8**				
		2-digit user #	Global Arm?	Auth. level	open/ close	2-digit user #	Global Arm?	Auth. level	open/ close	**NOTES:**

Authority Levels: 1=master (arm, disarm, bypass, and/or modify lower level users)
2=manager (arm, disarm, bypass, and/or modify lower level users)
3=operator A (arm, disarm, bypass)
4=operator B (arm, disarm)
5=operator C (arm, disarm only if system was armed with this code)
6=duress code (arm, disarm, triggers silent panic alarm)

End User Functions Cont.

MASTER CODES
- Enter Installer Code + 8 + 002 (User 002-150) + New 4 Digit Code
- Select Authority Level 1
- Select as Required
    - if Open/Close Reports are desired
    - Multi Partition Access to a Partition other than the Users "Home Partition"
    - Select for Global Arm

ADDITIONAL USER CODES
- Master Code + 8 + Users Number (003-150) + New User Code
- Select the Applicable Authority Level

AUTHORITY LEVEL	TITLE
2	Manager
3	Operator A
4	Operator B
5	Operator C
6	Duress Code

- Select as Required
    - Multi Partition Access to a Partition other than the Users "Home Partition"
    - Select for Global Arm

ADVISORY
- To add a New User to 1 Partition only, the console you are entering him from must be logged to that Partition
- If Multi Access is selected, the New User will reside in a minimum of 2 Partitions

DELETING USER CODES
- Log to the Partition that contains that User Code
- Enter Master Code + 8 + User Number + Master Code

TO REVIEW A USERS CODE CAPABILITY
- User Code + * + *

CONSOLE FUNCTIONS

"Disarming" Mode
- User Code + Off ("1" Key)

"Away & Quick Arm" Mode - All points active
- User Code + Away ("2" Key)
- # + 2 (Quick Arm)

"Stay" Mode - Interior type zones bypassed
- User Code + Stay ("3" Key)

"Instant" Mode - Interior type zones bypassed with NO Entry Delay
- User Code + Instant ("7" Key)

"Maximum" Mode **- All points active with NO entry delay**
- User Code + Maximum ("4" Key)

Logging on to Partitions
- User Code + * + partition number (1-8)

Bypassing of Zones
- User Code + Bypass ("6" Key) + Zone No. (001-128) to be bypassed
- Must be logged to specific Partition

Removing Bypass
- User Code + Off ("1" Key)

Chime Mode
- Chime activated by Perimeter Zones (Types 01,03)
- User Code + Chime ("9" Key) to turn on and off

Clearing Alarm Memory
- Code and Off (Twice)

Fire alarm silence
- Press the off key to silence fire siren

Built in User Manual
- By holding down any of the function keys for 5 seconds, a brief explanation of that function scrolls across the Alpha-numeric display

House ID "Sniffer Test"
- Master code + # + 2 will start sniffer test. The panel will sample the environment looking for other systems. Any systems found will be displayed on the LCD console.
- Master code + 1 to exit sniffer test mode.

Set time and date
- Installer code + # + 63. Press in desired values and press * to move along.

6.1 4208 Hard Wired Expansion Training Module

- Connect 4208 via twisted pair to the Polling Loop terminals, Positive + 24 and Negative – 25. Observe Polarity.
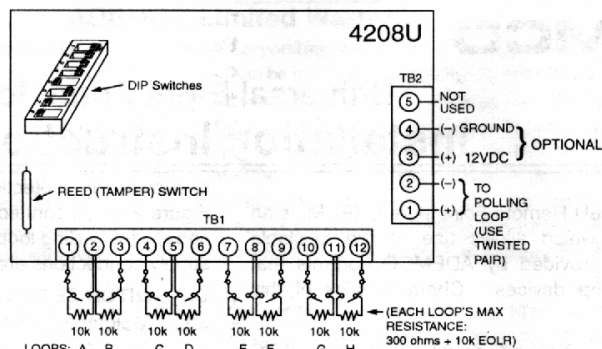

Figure 2: Summary of Connections
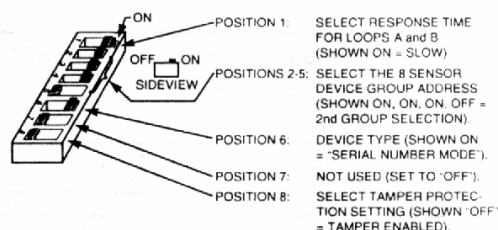
Figure 1: DIP Switch Settings

- Set 4208's DIP switch to select the appropriate block of 8 zones as Serial Numbered Zones

THIS SWITCH SETTING PRESETS THE LOOPS TO THESE SERIAL NUMBERS												
Dip Switch position ("—" means "off")					Loop Serial Number (Each serial number in the selected group can be assigned to any zone number.)							
2	3	4	5	6	LOOP A	LOOP B	LOOP C	LOOP D	LOOP E	LOOP F	LOOP G	LOOP H
ON	ON	ON	ON	ON	000-4116	000-4117	000-4118	000-4119	000-4124	000-4125	000-4126	000-4127
ON	ON	ON	—	ON	006-9908	006-9909	006-9910	006-9911	006-9916	006-9917	006-9918	006-9919
ON	ON	—	ON	ON	013-9812	013-9813	013-9814	013-9815	013-9820	013-9821	013-9822	013-9823
ON	ON	—	—	ON	020-9716	020-9717	020-9718	020-9719	020-9724	020-9725	020-9726	020-9727
ON	—	ON	ON	ON	027-9620	027-9621	027-9622	027-9623	027-9628	027-9629	027-9630	027-9631
ON	—	ON	—	ON	034-9524	034-9525	034-9526	034-9527	034-9532	034-9533	034-9534	034-9535
ON	—	—	ON	ON	041-9428	041-9429	041-9430	041-9431	041-9436	041-9437	041-9438	041-9439
ON	—	—	—	ON	048-9332	048-9333	048-9334	048-9335	048-9340	048-9341	048-9342	048-9343
—	ON	ON	ON	ON	055-9236	055-9237	055-9238	055-9239	055-9244	055-9245	055-9246	055-9247
—	ON	ON	—	ON	062-9140	062-9141	062-9142	062-9143	062-9148	062-9149	062-9150	062-9151
—	ON	—	ON	ON	069-9044	069-9045	069-9046	069-9047	069-9052	069-9053	069-9054	069-9055
—	ON	—	—	ON	076-8948	076-8949	076-8950	076-8951	076-8956	076-8957	076-8958	076-8959
—	—	ON	ON	ON	083-8852	083-8853	083-8854	083-8855	083-8860	083-8861	083-8862	083-8863
—	—	ON	—	ON	090-8756	090-8757	090-8758	090-8759	090-8764	090-8765	090-8766	090-8767
—	—	—	ON	ON	097-8660	097-8661	097-8662	097-8663	097-8668	097-8669	097-8670	097-8671
—	—	—	—	ON	104-8564	104-8565	104-8566	104-8567	104-8572	104-8573	104-8574	104-8575

Table 2: 4208U Serial Number Assignments

- Use console to enter programming mode: **installer code + 8 0 0 0.**
- Press, #93 to move to "Zone Programming" mode.
- Enter 1 to enter "Zone Prog?".
- Enter the 3 digit Zone Number (010 – 128) and press *.
- A summary screen showing present configuration will be displayed.
- Press * to move to "Zone Response Type
- Enter required Zone Type
- Press * to move to Partition
- Enter the Partition this Zone belongs to (1 –8).

4208 Hard Wired Expansion Cont.

- Press * to move to Report Code
- Press * (3 times) to move to Input Type
- Enter the Input Type as "06" Serial Number Polling Loop Device
- Press * to move to Smart Contact
- Leave as "0" (This is used for devices that monitor maintenance signals)
- Press * to move to V-Plex Relay
- Leave as "0" (This is used for Polling Loop Relays)
- Press * to move to Loop #
- Enter the Zone's Loop Number (1 – 8)
- Press * to move to Learn S/N
- Enter Yes "1"
- Enter the 7 digit Serial Number applicable to that Zone or activate the Zone Concerned, or short Zone input
- Press * to move to Zone Summary
- Press * to move to enter next Zone Number
- Repeat above procedure until all required zones are configured, then Enter "000" & "*" at "Zone No." prompt to move to "Quit Menu Mode".
- Enter 1 for Yes or 0 for no if more programming is required.
- The polling loop itself is a zone (997), and it has a default response type of 05, Trouble by Day/Alarm by Night. No change is required.
- When programming is complete, enter * 9 9 to exit program mode.

For full system information and programming details refer to Vista-120a Installation & Setup Guide.

6.2 5882 Wireless Expansion

Training Module

There are three (3) models of 5882:

- ➢ ***5882L will permit up eight (8) additional RF zones.***
- ➢ ***5882M will permit up to sixteen (16) additional RF zones.***
- ➢ ***5882H will permit up to one hundred & twenty eight (128) additional RF zones.***

Note: *Two identical receivers can be used to provide either a greater area of coverage, or to provide redundant protection.*

Zone 64 cannot be programmed for a Wireless zone.
If using two (2) receivers
Each unit must be set to a different device address between 01-07.
Using two (2) receivers DOES NOT increase the number of transmitters the system can support.
Both receivers must be of the same model.
Receivers should be mounted at least 3 Metres from the Control Panel.

TO INSTALL WIRELESS RECEIVERS
Connect 5882 via the flying lead supplied to terminals 6 (RED), 7 (BLACK), 8 (GREEN) and 9 (YELLOW) of the Vista 120a.
Set 5882's DIP switch to an unused device address between 01-07.
Use 6139 console to enter programming mode: installer code + 8 0 0 0
Enter *94 to move to 2nd Level of Programming
Program 1*32 "Receiver Type", enter 2 (for 5881/5882).
Enter *99 to return to 1st level of programming
Press # 9 3 to enter Menu Mode.
Press 0 (NO) until "Device Prog?" is displayed, then press 1 (YES).
- Enter the two digit Address Number (01 – 07), as set on the 5882's Dip Switches
- Press * to move to Device Type
- Enter a Device Type "3" for RF Expander
- Press * to move to RF Expander House ID
If not using any RF keypads (5804BD, 5827BD or 5827, press * to continue.
If one, or more than one RF keypads are to be used, enter the two (2) digit House ID (00-31) as determined by sniffer mode.
If two 5882's are to be used, follow the same procedure until all output devices have been programmed, enter 0 0 * to exit "Device Prog?".
Console will display "Quit Menu Mode?", enter 1 (Yes) or 0 (No) if more devices need to be programmed.

5882 Wireless Expansion cont….

Training Module

ADDITIONAL WIRELESS PROGRAMMING

1*28 "RF TX Low Battery Sound". Enter 1 for immediate, or 0 for when disarmed

1*29 "RF TX Low Battery Report Enable", enter 1 (Yes) or 0 (No) for dialler report.

1*30 "RF Receiver Check-In Interval", Default 0 6 (Sets 12 hour interval).

1*31 "RF Transmitter Check-In Interval", Default 1 2 (Sets 24 hour interval).

1*44 "Wireless Keypad Tamper Detect", enter 1 to enable or 0 to disable.
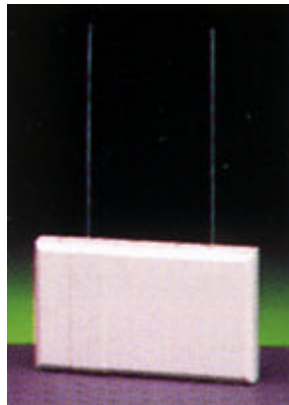
1*48 "Wireless Keypad Assignment", enter 1-8 for the partition where the keypad will be used.

1*49 "Suppress TX Supervision Sounding", enter 0 to enable audible trouble sounds for transmitter for check-in failure.

1*57 "5800 RF Button Global Arm", enter 1 to have the system Arm/Disarm following the button user's global arm settings or enter 0 if not.

1*58 "5800 RF Button Force Arm", enter 1 to enable the RF button user to force bypass all faulted zones. When attempting to arm the system, the console will beep once after pressing the button if any faulted zones are present. If this feature is enabled, the user should then press the button again within 4 seconds to force bypass those zones and arm the system. Enter 0 to disable.

For more information see pages 30 to 39 of the Vista 120a Installation and Programming Guide and the Installation Instructions accompanying the 5882 Receiver.

6.3 5804 Four Button Remote

Training Module

- Each Button is a separate zone. (Max 4 Zones per Remote)
- It is advisable to mark the Key with the first zone number, so they can be identified when required
- To avoid "check" conditions, Loop 4 must be programmed into the system

- Install & program 5882 Wireless receiver(s) as per 5882 Instructions
- Enter program mode. (Installer code + 8 + 000)
- Go to #93 and select "Enter Zone programming"
- Select an unused zone from 010-128
- Program zone type as required (eg. 20= arm stay, 21= arm away, 22= disarm)
- Select partition and report code for remote key
- Select input type 5 (Button RF)
- Learn loop button being used on that particular zone by pressing button
- Console will display first transmission received
- Press the same button again
- Console will display "Confirmed"
- Repeat procedure for each of the 4 buttons on the remote
- Leave program mode
- Proceed to program a user code
  - **- mastercode + 8 + unused user (002-128) + new user code**
- Select authorisation level required
- Open and close reporting (yes/no)
- RF button (1 = yes)
- Allocate the first of the 4 zone numbers used for the remote when prompted
- Loop 4 must be programmed into the system to avoid "check" conditions

* See user programming instructions on page 34 for details

AVAILABLE ZONE TYPES:

Type 06 = 24 Hour Silent Alarm
Type 07 = 24 Hour Aud. Alarm
Type 08 = 24 Hour Aux. Alarm
Type 09 = Supervised Fire

Type 20 = Arm - Stay
Type 21 = Arm – Away
Type 22 = Disarming
Type 23 = No alarm response

6.4 5804 Bi Directional Wireless Remote

Training Module

- Install & program 5882 Wireless receiver(s) as per 5882 Instructions
- Ensure that a House ID has been assigned to the Wireless receiver(s)
- Terminate the 5800TM on the console bus. The 5800TM should be a minimum distance of 3 metres away from the panel to stop any interference.
- The 5800TM must be programmed as an unused address within the range of 28 through to 30. Cut the red jumper for an address of 28, white jumper for 29 and both for 30.
- Enter program mode.

Device Programming:
- Go to location #93 and select Device programming.
- Select the address of the 5800TM (28-30) and enable it as an "Alpha Console".
- Exit "Device Programming" (00 = Quit).

Zone Programming:
- "Enter Zone programming"
- Select an unused zone from 010-128
- Program zone type as required (eg. 20= arm stay, 21= arm away, 22= disarm)
- Select partition and report code for remote key
- Select input type 5 (Button RF)
- Learn loop button being used on that particular zone by pressing button
- Console will display first transmission received
- Press the same button again
- Console will display "Confirmed"
- Repeat procedure for each of the 4 buttons on the remote
- To avoid "check" conditions, Loop C must learnt into the system.
- Leave program mode

User Code Programming:
- Proceed to program a user code
    - mastercode + 8 + unused user (002-128) + new user code
- Select authorisation level required
- Open and close reporting (yes/no)
- RF button (1 = yes)
- Allocate the first of the 4 zone numbers used for the remote when prompted
- Loop 4 must be programmed into the system to avoid "check" conditions

- * See user programming instructions on page 34 for details.

5804 Bi Directional Remote Programming Cont……

House ID Programming:

- Programming of the house ID into the 5804BD is required to identify the 5804BD into the system.
- Hold down the A,B and C until the green and red LED's blink alternately.
- Enter the house ID by using the "A' button as the tens digit and the "B" button to the ones digit.
- Accept the entry by pressing the "D" button.
- Exit house ID programming mode.
- The 5804BD must now be assigned to a user (In the same manner as the 5804). Assign the first zone of the 5804BD as the "RF Key" when prompted in user programming.

AVAILABLE ZONE TYPES:

Type 06 = 24 Hour Silent Alarm
Type 07 = 24 Hour Aud. Alarm
Type 08 = 24 Hour Aux. Alarm
Type 09 = Supervised Fire

Type 20 = Arm - Stay
Type 21 = Arm – Away
Type 22 = Disarming
Type 23 = No alarm response

6.5 5827 Wireless Keypad

Training Module

- Install & program 5882 Wireless receiver(s) as per 5882 Instructions

- Ensure that a House ID has been assigned to the Wireless receiver(s). Test for other systems with ID Sniffer Mode (Mastercode + # + 2). Recommended test time 2 hours. Mastercode + 1 will end sniffer test.

- Enter Program Mode

- Enter * 94 to move to the next programming page.

- Go to location 1*32 to set the receiver type 2 = 5881.

- Go to location 1*48 to assign the 5827 to the partition as required.

- *99 back to previous programming page.

- Go to location #93 select "Device" programming. Enter the address number as set on the receiver. Enable that device as a type 3 (RF Expander). At the next prompt assign the house code as decided after sniffer mode. (See example 1)

- Exit program mode.

- Adjust the dip switches on the 5827 to suit the house ID with the batteries disconnected.

- User codes are unable to be programmed via the 5827 wireless keypad.

EXAMPLE 1

ON

OFF

| 16 | 8 | 4 | 2 | 1 |

(Binary Programming)

8 on = 8

6.6 5827 Bi Directional Wireless Keypad

Training Module

- Install & program 5882 Wireless receiver(s) as per 5882 Instructions
- Ensure that a House ID has been assigned to the Wireless receiver(s)
- Terminate the 5800TM on the console bus. The 5800TM should be a minimum distance of 3 metres away from the panel to stop any interference. The 5800TM must be programmed as an unused address within the range of 28 through to 30. Cut the red jumper for an address of 28, white jumper for 29 and both for 30.
- Enter program mode (Installer code + 8 + 0 + 0 + 0).
- Go to location #93 and select Device programming.
- Select the address of the 5800TM (28-30) and enable it as an "Alpha Console".
- Exit "Device Programming" (00 = Quit).
- Go to 1* 48 and select which partition the keypad will operate (0 = disable).
- Exit programming mode *99.

A number of system functions must be programmed into the 5827BD.
- After the battery is fitted to the 5827BD, power the unit up by pressing the * key. The yellow LED should blink.
- Enter console programming mode by depressing 1 and 3 simultaneously. The red and green LED should blink.
- The systems 4 digit Master Code must be programmed by pressing
  - ➢ 8 then the 4 digit code and #
- For Quick Key function of Arm and Chime but *not* Disarm enter
  - ➢ 2 then the 4 digit code and #.
- The systems House ID must be programmed by entering
  - ➢ * 9 and then the 2 digit House ID then #.
- The systems RF type must be programmed by entering
  - ➢ * 5 8 for 5800 and then #.
- Exit program mode by entering
  - ➢   * #.

6.7 4285 Voice Interactive Phone Module

Training Module

- Terminate 4285 on to console bus.
- Connect the panel to the "C Com" jack on the 4285 line interface using the cable supplied with the 4285.
- Take the cable previously used for the "mode 3" connection, and connect directly to "Wall" jack on the 4285.
- Enter program mode.
- Go to location *20 to program the Voice Module access code. The first digit must be programmed within the range of 01-09 and the second digit must be a *(11) or #(12).
- Go to location *44 and set ring detect to 1-14 rings or 15 = answering machine defeat.
- Go to location #93 and select "Device Prog".
- **The VIP must be assigned to address "4".**
- Select the device type "5", Voice Module.
- Select the master partition that the users with access to are assigned to.
- Exit program mode.
- To access the VIP either pick up the touch tone phone on the premises and dial the phone code or dial up the system as programmed in location *44.

6.8 4204 Relay Programming

Training Module

- Set 4204' DIP switch for an unused device address 01-15.
- Connect 4204 via the flying lead supplied to terminals 6 (RED), 7 (BLACK), 8 (GREEN) and 9 (YELLOW) of the Vista50P.

Use 6139 console to enter programming mode: **installer code + 8 0 0 0**

Press # 9 3 to enter Menu Mode.

Press 0 (NO) until "Device Prog?" is displayed, then press 1 (YES).

- Enter the two digit Address Number (01 – 15), as set on the 4204's Dip Switches
- Press * to move to Device Type
- Enter a Device Type "4" for Output Device
- Press * to move to Supervised CF
- Press * to move to Device Address
- If more than one 4204 is to be used, follow the same procedure until all output devices have been programmed, enter 0 0 * to exit "DEVICE PROG?"
- Enter * until console displays "RELAY PROG?", then press 1 (Yes)
- The console will display "ENTER RELAY No.", enter the relay number 1-4. This is a reference number only, used for identification purposes. The actual module address and relay number on the module is programmed in the last two prompts. Press * to continue.
- The console will display a summary START screen.
- Press * and the console will display a summary STOP screen.
- Press * to move to "RELAY ACTION" then enter 0 = not used, 1 = close for 2 secs, 2 = stay closed to 3 = pulse on/off.
- Press * to move to "START EVENT" then enter 0 = not used, 1 = alarm, 2 = fault, 3 = trouble or 4 = restore.
- Press * to move to "START ZN LIST" then enter the zone list number (1 to 8) or 0 is a zone list is not being used.
- Press * to move to "START ZN TYP" then, if a zone type/system operation is being used, enter the appropriate 2-digit code as listed below.

Choices for Start/Stop Zone Types	Choices for Start/Stop System Operation	
00 = No Response (Not used)	20 = Arming Stay	41 = **AC Power Fail
01 = Entry/Exit # 1	21 = Arming Away	42 = **System Battery Low
02 = Entry/Exit # 2	22 = Disarming (Code+Off)	43 = Communication Failure
03 = Perimeter	31 = End of Exit Time	44 = RF Low Battery
04 = Interior Follower	32 = Start of Entry Time	45 = Polling Loop Failure
05 = Trouble Day/Alarm Night	34 = Code + # + 71 Key Entry	51 = RF Receiver Failure
06 = 24Hr Silent	35 = Code + # + 72 Key Entry	52 = Kissoff
07 = 24Hr Audible	36 = **At Bell Timeout **	54 = Fire Zone Reset
08 = 24Hr Aux	37 = 2 Times Bell Timeout	55 = Disarm + 1
09 = Fire Alarm or Trouble	38 = Chime	56 = XX Minutes (enter XX in field 1*74 Stop condition Only)
10 = Interior w/Delay	39 = Fire Alarm	57 = YY Seconds (enter YY in field 1*75 Stop condition Only)
23 = No Alarm response (for output relay activation, such as for access control)	40 = Bypassing	58 = Duress
		*** Or at Disarming, whichever occurs earlier)

4204 Relay Programming Cont……

Training Module

- Press * to move to "START PARTITION" then enter the specific partition number (1-8).
- Press * to move to "STOP ZN LIST" then enter the zone list number (1 to 8) or 0 if a zone list if not being used.
- Press * to move to "STOP ZN TYP" then, if a zone type/system operation is being used, enter the appropriate 2-digit code as listed above.
- Press * to move to "STOP PARTITION" then enter the specific partition number (1-8).
- Press * to move to "RELAY GROUP" then enter 0 if groups are not used or the specific group (1 to 8).
- Press * to move to "RESTRICTION" and enter 1 if the end user will be restricted from accessing this relay group, if no enter 0.
- Press * to move to "RELAY TYPE" then enter 1 for 4204 relays or 2 for Power Line Carrier (X-10) device.
- If 2 (Power Line Carrier) was entered, "HOUSE CODE" will be displayed. Enter the House Code by keying 00 for A, 01 for B, 02 for C, 03 for D, 04 for E, 05 for F, 06 for G, 07 for H, 08 for I, 09 for J, 10 for K, 11 for L, 12 for M, 13 for N, 14 for O or 15 for P.
- If 2 (PowerLine Carrier) was entered at "RELAY TYPE", a "UNIT CODE will be displayed. Enter the numerical unit code (01-15)
- If 1 (4204) was enter, "ECP ADDRESS" will be displayed. Enter the relay module address as set by its DIP switch (1-15).
- If 1 (4204) was entered at "RELAY TYPE", enter the specific relay number (1-4).
- Press * to move to the "START" summary and if correct, press * to move to the "STOP" summary and if correct, press * and then enter 00 at the "ENTER RELAY No" field to exit RELAY programming.

After entering all relay menu items, up to eight (8) zone lists may be programmed.

- At the "ZONE LIST" prompt, enter the zone list number 01-08.
- At the "ZONE NUMBER" prompt, enter each two digit zone number to be included in the zone list. Press * after each zone number.
- When all zones have been entered, enter 0 0 and press *.
- The console will display "DEL ZN LIST?". Press 0 to save the zone list or 1 deletes that zone list.
- The console will display "DLETE ZONE?" Press 1 to delete one or more zones in that zone list. Enter 0 if no changes are necessary.
- If 1 is entered the console will display "ZONE TO DELETE?". Enter each zone number to be deleted; press * after each number.
- If 0 0 was entered at the "ENTER ZONE LIST", the console will display "VIEW ZONE LIST?". Enter the zone list number that you wish to view.
- Press * to scroll through all zones in that list.
- Enter 0 0 to quit.

6.9 Garage Door Setup

Training Module

- Learn in zone required to trigger the relay driving the garage or roller door.
- Go to #93 and select "Device Programming". Program the relay module address as set on its dip switches.
- Exit "device Programming".
- Select "Relay Programming".
- Select the relay number you wish to program to pulse to garage door motor
- Select the "Action" – Closed for 2 seconds.
- Select the start event – Fault, followed by the zone list that you wish to assign the zone from the 5804 to.
- Select the partition that the start function will occur in.
- No "Stop" programming is required as the relay is closed for 2 seconds
- No further programming is required in relay programming.
- After all relays have been programmed, upon entering "00" at the "ENTER RELAY NO" prompt, you will be asked to enter a "Zone List". If a zone list number was used to start or stop relay, you must define the zone that belongs to that zone list as follows:
- Enter "Zone List" number assigned to trigger the door relay.
- Enter 2 digit entries followed by * for all zones that will be used to open the door. Finish with 00*.
- Enter 2 digit entries followed by * for all zones that will be used to open the door. Finish with 00*.
- Make sure that the 5804 has been assigned to a user.
- Exit program mode.
- Code + off the system.

7. Servicing Tips

Training Module

POWER CONSIDERATIONS:

The Vista 120 has a:

12V 750mA Auxiliary power output

12V 2.8A Alarm sounder output

128mA Polling loop output

If Power is of Concern:

Please refer to the current drain Work sheets on Page 60 of the Installation Instructions

If an additional power supply is required, ensure there is a 'common ground' connection between the power supply and the control

SUPERVISORY ZONES - (see Page 68 Installation Manual)

Zones 601 – 696

Relay Zones – To supervise relay, use the Zone programming menu to enter a response type 5 or 19 for that Relay's zone number

Zones 800 - 830

ECP device Supervisory Zones (includes Consoles, wireless receivers, VIP Module, relay modules) programmed through Device Addresses.

Zone 988 – 2nd Receiver not receiving signals

Zone 990 – 1st Receiver not receiving signals

Zone 997 – Polling Loop overload

Zone 995 – 1 + * panic (A Key)

Zone 996 – 3 + # panic (C Key)

Zone 999 – * + # panic (B Key)

CHECK CONDITIONS:

- **Fire zones:** Indicates an Open circuit

- **Wireless zones:** May be caused by some change in the environment preventing the receiver from receiving signals from that particular sensor OR that the transmitter's tamper has been activated

LOW BATTERIES:

- Low battery & zone number indicates a low battery in the wireless sensor displayed

- Low battery & "00" zone number indicates a low battery in a 5827 or 5827BD wireless console.

- Low battery & no zone number indicates the system's main battery is weak & the System may be difficult to disarm, if in alarm

Servicing Tips Cont.

COMM FAILURE (FC) - A communication failure has occurred

OPEN CIRCUIT (OC) - The keypad is not receiving signals from the control & sees an open circuit

VOLTAGES
- A/C volts should be 16.5VAC
-     D.C. Volts across the battery leads (no battery fitted) should be 13.6 - 13.8 Dc

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Technical Support Team

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</div>