VISTA-128B

Commercial Burglary
Partitioned Security System
with Scheduling

Quick Start Guide

®ADEMCO

K3271-PR 7/98

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The purpose of this document is to provide a quick and easy way to program your entire system. A recommended programming procedure is included, followed by a list of program fields with the corresponding program group they belong to (system-wide, partition-specific, scheduling, etc.). Two program forms are included, one contains all the programming fields, and the other contains the partition-specific fields. If you are setting up a single-partition system, the partition-specific fields become system-wide fields.

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-128B INSTALLATION INSTRUCTIONS.

- Make sure that one two-line alpha keypad is connected to the control and is set to device address "00."

Single Partition System

- The system default is for a single partition system. Use the VISTA-128B SINGLE PARTITION PROGRAMMING FORM when programming for single partition usage. Follow the steps outlined in RECOMMENDED PROGRAMMING PROCEDURE of this document for proper programming procedure.

Multiple-Partition System

- You must enter the number of partitions you are using in data field 2*00 to set the system for multiple partitions. Use the VISTA-128B SINGLE PARTITION and the PARTITION-SPECIFIC PROGRAM FORMS when programming the system for multiple partitions. Follow the steps outlined in RECOMMENDED PROGRAMMING PROCEDURE of this document for proper programming procedure.

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: *80=low speed; *81=Ademco Express; *82=Ademco High Speed; *83=Ademco's 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.

Standard default (*97) values are shown in brackets [ ], otherwise default = 0.

Recommended Programming Procedure

The following is a step-by-step procedure recommended for programming your VISTA-128B 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 00-01, so be sure at least one keypad is set to one of these addresses
3. **Program system-wide (global) data fields.**
   Using the programming form as a guide, enter program mode and program all system wide programming fields. These options affect the entire system, regardless of partitions. They include control options, downloader and dialer options, RF options, event logging options, etc. Refer to the COMPLETE LIST OF PROGRAMMING FIELDS for a listing of the program fields arranged by function.
   Note that field 2*00 (number of partitions) must be programmed before continuing.
4. **Program partition-specific fields.**
   When the system-wide 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. Partition-specific fields can have different values for each partition. To program the fields for the next partition, press *91, enter the desired partition number, then enter field *09. Refer to the MECHANICS OF PROGRAMMING section in the VISTA-128B INSTALLATION INSTRUCTIONS for detailed instructions.
5. **Use #93 Menu Mode for device programming.**
   Refer to the DEVICE PROGRAMMING section 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, the VIP module, the ecp Long Range Radio, and the Vista Gateway Module.
6. **Use #93 Menu Mode for zone programming.**
   Refer to the ZONE PROGRAMMING section 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 to program desired relay operation.
8. **Program Communication options.**
   Refer to the COMMUNICATION PROGRAMMING section for further 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 to enter zone and partition descriptors and a custom installer's message.
10. **Use #93 Menu Mode for relay voice descriptors and custom word substitutes.**
    Refer to the RELAY VOICE DESCRIPTORS section for further instructions for programming relay descriptors to be annunciated by the 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 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 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. Additional entries 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.

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
*00	System-Wide
*09	Partition-Specific
*10	Partition-Specific
*11	Partition-Specific
*12	Partition-Specific
*13	Partition-Specific
*14	System-Wide
*15	System-Wide
*16	Partition-Specific
*17	System-Wide
*19	System-Wide
*20	System-Wide
*21	System-Wide
*22	Partition-Specific
*23	Partition-Specific
*24	System-Wide
*25	System-Wide
*26	Communications
*27	Communications
*28	System-Wide
*29	Partition-Specific
*30	Communications
*31	Communications
*32	Partition-Specific
*33	Communications
*34	Communications
*35	System-Wide
*36	System-Wide
*37	System-Wide
*38	Partition-Specific
*39	Partition-Specific
*40	Communications
*41	System-Wide
*42	Communications
*43	Communications
*44	Communications
*45	Communications
*46	Communications
*47	Communications
*48	Communications
*49	Communications
*50	Communications

Field	Group
*51	Communications
*52	Communications
*53	Communications
*56	Communications
*57	Communications
*58	Communications
*59	Communications
*64	Communications
*65	Communications
*66	Communications
*67	Communications
*68	Communications
*69	Communications
*70	Communications
*71	Communications
*72	Communications
*73	Communications
*74	Communications
*75	Communications
*76	Communications
*79	Communications
*80	Communications
*83	Communications
*84	Partition-Specific
*85	Partition-Specific
*87	Partition-Specific
*88	Partition-Specific
*89	Communications
*90	Partition-Specific
1*07	System-Wide
1*10	System-Wide
1*17	System-Wide
1*18	Partition-Specific
1*19	Partition-Specific
1*20	System-Wide
1*21	System-Wide
1*22	System-Wide
1*23	System-Wide
1*24	System-Wide
1*25	System-Wide
1*26	System-Wide
1*28	System-Wide

Field	Group
1*29	System-Wide
1*30	System-Wide
1*31	System-Wide
1*33	Communications
1*34	Communications
1*42	Communications
1*43	Partition-Specific
1*44	System-Wide
1*45	Partition-Specific
1*47	Partition-Specific
1*48	System-Wide
1*49	System-Wide
1*52	Partition-Specific
1*53	System-Wide
1*56	System-Wide
1*57	System-Wide
1*58	System-Wide
1*60	System-Wide
1*70	System-Wide
1*71	System-Wide
1*72	System-Wide
1*73	System-Wide
1*74	System-Wide
1*75	System-Wide
1*76	Partition-Specific
2*00	System-Wide
2*01	System-Wide
2*02	System-Wide
2*05	Partition-Specific
2*06	Partition-Specific
2*07	Partition-Specific
2*08	Partition-Specific
2*09	Partition-Specific
2*10	Partition-Specific
2*11	System-Wide
2*18	Partition-Specific
2*19	Partitioning
2*20	Partition-Specific
2*21	System-Wide
2*22	Partition-Specific
2*23	Partition-Specific
2*24	Partition-Specific

VISTA 128B Programming Form

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

***00** INSTALLER CODE

Enter 4 digits, 0-9 [4140]

***09** ENTRY DELAY #1 [02]

00-15 times 15 seconds
Maximum "03" for UL Commercial Burglary.

***10** EXIT DELAY #1 [03]

00-15 times 15 seconds
Maximum "04" for UL Listed installations.

***11** ENTRY DELAY #2 [06]

00-15 times 15 seconds (must be longer than Entry Delay #1).
Maximum "03" for UL Commercial Burglary installations.

***12** EXIT DELAY #2 [08]

00-15 times 15 seconds (must be longer than Exit Delay #1)
Maximum "04" for UL Commercial Burglary installations.

***13** BELL TIMEOUT [04]

01-15 times 2 minutes. Minimum 16 min. for UL Commercial Burglary.

***14** ZONE 9 RESPONSE TIME [0]

Enter 1 for fast response (10 msec)
Enter 0 for slow response (350 msec)

***15** KEYSWITCH ASSIGNMENT [0]

Enter partition in which keyswitch used,
1-8; 0=disable

***16** CONFIRMATION OF ARMING DING [0]

1=enable; 0=disable. Must be "1" for UL Burglary Installations.

***17** AC LOSS KEYPAD SOUNDING [0]

1=yes; 0=no

***19** RANDOMIZE AC LOSS REPORT [0]

1=10-40 min; 2=6-12 hrs; 0=normal report (about 2 min. after AC loss). Must be "2" for Central and Remote Station alarm systems.

***20** VIP MODULE PHONE CODE

Enter 01 - 09 for the first digit; enter [00] , [11]
11 for "*" or 12 for "#" for the second digit. This field

Must be set to "0" for UL Commercial Burglary installations.

***21** PREVENT FIRE TIMEOUT [0]

1=No timeout 0=Timeout.

***22** KEYPAD PANIC ENABLE [001]

1=enable; 0=disable 995 996 999

***23** MULTIPLE ALARMS [1]

1=yes; 0=no

***24** IGNORE EXPANSION ZONE TAMPER [0]

1=Ignore; 0=Enable tamper for RF and RPMs. Must be "0" for UL installations if using these devices.

***25** BURG.TRIGGER FOR RESPONSE TYPE 8 [1]

1=enable; 0=disable

***26** INTELLIGENT TEST REPORTING [0]

1=yes, (no report sent if any other report was recently sent); 0=no.. Must be 0 for UL Commercial Burglary.

***27** TEST REPORT INTERVAL [024]

Enter interval in hours, 001-999; 000=no report ; Max. 024 for UL Commercial.

***28** POWER UP IN PREVIOUS STATE [1]

1=yes; 0=no; "1" for UL.

***29** QUICK ARM [1]

1=yes; 0=no

***30** DIALER (TOUCHTONE OR ROTARY) [0]

1=TouchTone; 0=rotary

***31** PABX ACCESS CODE

00-09; B-F (11-15)

***32** PRIM. SUBS. ACCT #

Enter 00-09; B-F (11-15) [15 15 15 15]

***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] [ ] [ ] [ ] [ ] [ ]

Dialer Shutdwn | System Shutdwn | Not Used | Remote Bypass | Remote Disarm | Remote Arm | Upload Program | Download Program

See field 1*53 for Callback disable option; [1=enable]; 0=disable; For UL installations, all entries must be "0."

***38** PREVENT ZONE XXX BYPASS [000] [ ][ ]

001-128; 00 if all zones can be bypassed

***39** ENABLE OPEN/CLOSE REPORT FOR [1] [ ]

INSTALLER CODE 1=enable; 0=disable

***40** OPEN/CLOSE REPORT FOR KEYSWITCH [0] [ ]

1=enable; 0=disable

***41** NORMALLY CLOSED or EOLR (Zones 2-8) [0] [ ]

1=N.C.loops; 0=EOLR supervision; Must be "0" for UL Commercial.

***42** DIAL TONE PAUSE [0] [ ]

0=5 seconds; 1=11 seconds; 2=30 seconds; Must be "0" UL Commercial.

***43** DIAL TONE DETECTION [1] [ ]

1=wait for true dial tone; 0=pause, then dial

***44** RING DETECTION COUNT [00] [ ][ ]

01-14; 15=answering machine; 00=no detection. Must be "00" for UL Commercial Burglary.

***45** PRIMARY FORMAT [0] [ ]

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

***48** LOW SPEED FORMAT (Sec.) [0] [ ]

0=Ademco Low Speed; 1=Sescoa/Radionics

***49** CHECKSUM VERIFICATION [0] [0] [ ] [ ]

1=yes; 0=no Prim Sec

***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 FOR PRIMARY

[0 0 0 0 0 0] [ ] [ ] [ ] [ ] [ ] [ ]

Alarm | Rstr | Bypass | Trbl | Opn/Cls | Low Bat

0=standard; 1=expanded;
Note: Expanded overrides 4+2 format.

***53** STANDARD/EXPANDED REPORT FOR SECONDARY

[0 0 0 0 0 0] [ ] [ ] [ ] [ ] [ ] [ ]

Alarm | Rstr | Bypass | Trbl | Opn/Cls | Low Bat

0=standard; 1=expanded;
Note: Expanded overrides 4+2 format.

***56** USE ONLY LRR (LONG RANGE RADIO) [0] [ ]

0=No, 1=Yes, if built-in dialer will not be used.

***57** USE LRR IF DIALER FAILS [0] [ ]

0=No, 1=Yes, if radio is to be used as a backup to dialer

***58** LRR CENTRAL STATION #1 CATEGORY ENABLE

[0 0 0 0 0 0] [ ] [ ] [ ] [ ] [ ] [ ]

Alrm | Trbl | Byp | O/C | Syst | Tst

0=disable, 1=enable for reports for primary subs id of LRR

***59** LRR CENTRAL STATION #2 CATEGORY ENABLE

[0 0 0 0 0 0] [ ] [ ] [ ] [ ] [ ] [ ]

Alrm | Trbl | Byp | O/C | Syst | Tst

0=disable, 1=enable for reports for secondary subs id of LRR

***64** PAGER INSTALLED [0] [ ]

0=No, 1=Yes, alpha numeric pager interface is installed.

***65** PAGER PHONE # FOR ALARMS

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

[ ][ ][ ][ ][ ][ ][ ]

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause.

***66** PAGER ID # FOR ALARMS

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Enter up to 10 digits for the pager id #

***67** PAGER PHONE # FOR TROUBLES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

[ ][ ][ ][ ][ ][ ][ ]

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause.

***68** PAGER ID # FOR TROUBLES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Enter up to 10 digits for the pager id #

***69** PAGER PHONE # FOR BYPASSES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

[ ][ ][ ][ ][ ][ ][ ]

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause.

***70** PAGER ID # FOR BYPASSES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Enter up to 10 digits for the pager id #

***71** PAGER PHONE # FOR OPENS/CLOSES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

[ ][ ][ ][ ][ ][ ][ ]

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause.

***72** PAGER ID # FOR OPENS/CLOSES

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Enter up to 10 digits for the pager id #

***73** PAGER PHONE # FOR SYSTEM

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause

***74** PAGER ID # FOR SYSTEM

Enter up to 10 digits for the pager id #

***75** PAGER PHONE # FOR TEST

Enter 0-9 for each digit; #11 for *; #12 for #; #13 for 2 sec. pause

***76** PAGER ID # FOR TEST

Enter up to 10 digits for the pager id #

ZONE TYPE RESTORE ENABLES

***79** FOR ZONE TYPES 1-8 ***80** FOR TYPES 9/10

1 2 3 4 5 6 7 8 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** SWINGER SUPPRESSION [03]

01-15 alarms; Must be "00" (disabled) for UL.

***85** ENABLE DIALER REPORTS

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. Must be "0" for UL Commercial Burg. installations.

***89** RESTORE REPORT TIMING [0]

0=Instant; 1=After bell timeout if zone is restored; 2=when system is disarmed. Must be "0" for UL Commercial Burg. installations.

***90** SEC. SUBS. ACCT #

Enter 00-09; B-F (11-15) [15 15 15 15]

1*07 DISPLAY TRBL INSTEAD OF CHECK [0]

0=display TRBL; 1=display CHECK

1*10 FIRE DISPLAY LOCK [0]

0=scroll all alarms; 1=lock display of first fire alarm.

1*17 LOBBY PARTITION [0]

Enter the "common lobby" partition (1-8)

1*18 AFFECTS LOBBY [0]

Enter 1 if this partition affects the common lobby; enter 0 if it does not. Must be "0" for Commercial UL installations.

1*19 ARMS LOBBY [0]

Enter 1 if arming this partition attempts to arm lobby; enter 0 if it does not. Must be "0" for Commercial UL installations.

1*20 EXIT ERROR LOGIC [0]

0=No, 1=Bypass E/E and Interior zones faulted after exit delay. Must be "0" for Commercial UL installations.

1*21 EXIT DELAY RESET [0]

0=No; 1=Resets Exit Delay to 60 seconds after zone is closed. Must be "0" for Commercial UL installations.

FIELDS 1*22-1*25: Allow four sets of two zones each to be linked so that both must fault within a five minute period to cause an alarm.

1*22 CROSS-ZONING PAIR ONE

1*23 CROSS-ZONING PAIR TWO

1*24 CROSS-ZONING PAIR THREE

1*25 CROSS-ZONING PAIR FOUR

1*26 PANIC BUTTON OR SPEEDKEY

[00, 00, 00, 00] **A** **B** **C** **D**

Enter speedkey macro # (01-35) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # or 00 to select macro when key is pressed.

MISCELLANEOUS WIRELESS OPTIONS

Fields 1*28 - 1*32 are not applicable for commercial UL installations.

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 [02]

02-15 times 2 hours; 00 disables supervision

1*31 RF TRANSMITTER CHECK-IN INTERVAL [02]

02-15 times 2 hours; 00 disables transmitter supervision

1*33 TOUCH-TONE W/ROTARY BACKUP [0]

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 ✳51 for comments if using with dual reporting.

1*42 CALL WAITING DEFEAT [0]

1=Yes; 0=No.

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*44 WIRELESS KEYPAD [0]

TAMPER DETECT ENABLE 1=enable; 0=disable. Must be "0" for Commercial UL installations.

1*45 EXIT DELAY SOUNDING [0] ☐

1=enable; 0=disable. Produces quick beeping during exit delay if enabled.

1*46 AUXILIARY OUTPUT MODE [0] ☐

Enter **0** for ground start output.
Enter **1** for open/close trigger (produced only if ALL partitions are armed).
Enter **2** for keypad-like sounding. This option applies only to the partition enabled in field *15.
Enter **3** if AAV module is being used.
NOTE: Only one of the above options may be active within the system.

1*47 CHIME ON BELL 1 [0] ☐

1=enable; 0=disable

1*48 WIRELESS KEYPAD ASSIGNMENT [0] ☐

0=disable; enter partition in which RF keypad used, 1-8. Must be "0" for Commercial UL installations.

1*49 SUPPRESS TX SUPERVISION SOUND [1] ☐

1=disable; 0=enable. Must be "0" for Commercial UL installations.

1*52 SEND CANCEL IF ALARM + OFF [0] ☐

1=no restriction; 0=within bell timeout period only

1*53 DOWNLOAD CALLBACK [0] ☐

1=callback not required; 0=callback required; Must be "0" for Commercial UL installations.

1*56 50/60 Hz CLOCK SPEED [0] ☐

1=50 Hz; 0=60 Hz.

1*57 ENABLE 5800 RF BUTTON GLOBAL ARM [0] ☐

1=enable; 0=disable

1*58 5800 RF BUTTON FORCE ARM [0] ☐

Enter "1" to enable. If a zone is faulted after pressing button, console will beep once. User should press button again within 4 sec. to force bypass those zones. Enter "0" to disable.
Must be "0" for Commercial UL installations.

1*60 ZONE 5 AUDIO ALARM VERIFICATION [0] ☐

Enter 1 If 2-way audio (AAV) is being used; Enter 0 if it is not.
Must be "0" for Commercial UL installations.

1*70 EVENT LOG TYPES

[1 0 0 0 1 0] ☐ ☐ ☐ ☐ ☐ ☐

Alrm Chck Byps O/C Syst Test

1=enable; 0=disable

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

0=12 hour; 1=24 hour

1*72 EVENT LOG PRINTER ON-LINE [0] ☐

0=disable; 1=enable

1*73 PRINTER BAUD RATE 1=300; 0=1200 [0] ☐

Must be 1200 if using pager interface

1*74 RELAY TIMEOUT XX 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 YY 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 FOR PART.[00] ☐☐

Relay will be pulsed for 2 seconds whenever code + [0] is pressed. Enter 00-16; 00=none. Must be "00" for Commercial UL..

3rd Page Programming Fields (press *94)

2*00 NUMBER OF PARTITIONS [1] ☐

Enter 1-8

2*01 DAYLIGHT SAVINGS TIME [04, 10] ☐☐ ☐☐

START/END MONTH Start End
00-12; if no daylight savings time, enter 00,00

2*02 DAYLIGHT SAVINGS 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 [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 Warrning Period begins.

2*06 AUTO-ARM WARNING PERIOD [15] ☐☐

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 dialer 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 [0] ☐

ARMING/DISARMING WINDOWS
0=disable; 1=enable
See system-wide field 2*11 if enabling field 2*10. This feature adds high security to the installation.

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 PARTITION [0] ☐

1=Allow log-on from other partitions; 0=disable

2*19 USE PARTITION DESCRIPTORS [0] ☐

0=disable; 1=enable

2*20 ENABLE J2 TRIGGERS by PARTITION [1] ☐

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

2*21 ENABLE SUPERVISION PULSES FOR LRR TRIGGER OUTPUTS [000] ☐☐☐

Used for supervised connection to 7920SE. F B S
Enter 0 to disable or 1 to enable the listed outputs.
F= Fire; B= Burglary; S= Silent panic/duress. Enter 1 for Commercial Burglary and UL.

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.

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: *80=low speed; *81=Ademco Express; *82=Ademco High Speed; *83=Ademco's 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.

Partition-Specific Fields

(Duplicate this page for each partition in the installation.)

To program these fields,

1. Press *91 to select a partition.
2. Enter a partition-specific field number (ex. *09).
3. Make the required entry.
4. Repeat steps 1-3 for each partition in the system.

PARTITION #____ PROGRAM FIELDS

1st Page Fields

***09** ENTRY DELAY #1 [02] ☐☐

00-15 times 15 seconds. Maximum 03 for UL Listed installations.

***10** EXIT DELAY #1 [03] ☐☐

00-15 times 15 seconds. Maximum 04 for UL Listed installations.

***11** ENTRY DELAY #2 [06] ☐☐

00-15 times 15 seconds. Maximum 03 for UL Commercial Burglary installations.

***12** EXIT DELAY #2 [08] ☐☐

00-15 times 15 seconds. Maximum 04 for UL Commercial Burglary installations.

***13** BELL TIMEOUT [04] ☐☐

01-15 times 2 minutes. Minimum 16 minutes for UL. Commercial Burglary installations.

***16** CONFIRMATION OF ARMING DING [0] ☐

1=enable; 0=disable. Must be "1" for UL Commercial Burglary installations.

***22** KEYPAD PANIC ENABLES [001] ☐ ☐ ☐

1=enable; 0=disable 995 996 999

***23** MULTIPLE ALARMS [1] ☐

1=yes; 0=no. Enter 1 for UL Commercial Burglary installations.

***29** QUICK ARM [1] ☐

1=yes; 0=no

***32** PRIM. SUBS. ACCT # ☐☐ ☐☐ ☐☐ ☐☐

Enter 00-09; B-F (11-15) [15 15 15 15]

***38** PREVENT ZONE XXX BYPASS [000] ☐☐☐

001-128; 000 if all zones can be bypassed

***39** ENABLE OPEN/CLOSE REPORT [1] ☐

FOR INSTALLER CODE
1=enable; 0=disable

***84** SWINGER SUPPRESSION [03] ☐☐

01-15 alarms; Must be "00" (disabled) for Commercial UL installations..

***85** ENABLE DIALER REPORTS ☐ ☐ ☐ ☐

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. Must be "0" for UL Commercial Burglary installations.

***90** SEC. SUBS. ACCT # ☐☐ ☐☐ ☐☐ ☐☐

Enter 00-09; B-F (11-15) [15 15 15 15]

1*18 AFFECTS LOBBY [0] ☐

Enter 1 if this partition affects the common lobby; enter 0 if it does not.

1*19 ARMS LOBBY [0] ☐

Enter 1 if arming this partition attempts to arm lobby; enter 0 if it does not

2nd Page Fields

1*26 PANIC BUTTON OR SPEEDKEY

[00, 00, 00, 00] ☐☐ ☐☐ ☐☐ ☐☐

A B C D

Enter speedkey macro # (01-35) to use keys A-C for macro. Otherwise enter 00 to use as panic. For D key, enter macro # or 00 to select macro when 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 1 [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 00-16; 00=none. Must be "00" for Commercial UL.

3rd Page Fields

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 Warrning Period begins.

2*06 AUTO-ARM WARNING PERIOD [15] ☐☐

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 dialer 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 [0] ☐

ARMING/DISARMING WINDOWS
See system-wide field 2*11 if enabling field 2*10. This feature adds high security to the installetion.
0=disable; 1=enable

2*18 ENABLE GOTO FOR THIS PARTITION [0] ☐

1=Allow log-on from other partitions; 0=disable

2*20 ENABLE J7 TRIGGERS by PARTITION [1] ☐

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

2*22 DISPLAY FIRE ALARMS OF [0] ☐

OTHER PARTITIONS
0=No; 1=Yes

2*23 DISPLAY BURG/PANIC ALARMS OF [0] ☐

OTHER PARTITIONS
10=No; 1=Yes

2*24 DISPLAY TROUBLES OF OTHER [0] ☐

PARTITIONS
0=No; 1=Yes

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: *80=low speed; *81=Ademco Express; *82=Ademco High Speed; *83=Ademco's 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.

Programming With #93 Menu Mode

NOTE: The following field should be preset before beginning: 2*00 Number of Partitions. 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
- Partition Number for Zone
- Dialer report code for zone
- Input Device Type for zone (whether RF, polling loop, etc.)
- Enrolling serial numbers of 5800 series transmitters & serial polling loop devices into the system.

SEQUENTIAL LEARN?
0=No 1=Yes

For programming the following:
- Input Device Type for zone (whether RF, polling loop, etc.)
- Enrolling serial numbers of 5800 series transmitters & serial polling loop devices into the system (all other zone characteristics must be pre-programmed).

REPORT CODE PROG?
0=No 1=Yes

For programming the following:
- Alarm report codes for zones
- Restore & supervisory codes
- All other system report codes

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 (5881), output relay modules (4204/4204CF), 4285/4286 VIP Module, ECP long range radio (7820), and vista gateway module:
- Device Address
- Device Type
- Keypad Options (incl. partition assignment)
- RF House ID
- LRR Options (incl. programming radio)

RELAY PROG?
0=No 1=Yes

For defining output relay functions.

RLY VOICE DESCR?
0=No 1=Yes

For entering voice descriptors for relays to be used with the 4285/4286 VIP Module.

CUSTOM INDEX ?
0=No 1=Yes

For creating custom word substitutes for VIP Module annunciation.

CLEAR RF SERIAL#?
1=Yes 0=No

For deleting all RF serial numbers presently in the system, if an undesired transmitter has been enrolled during sequential enrolling.

#93 MENU MODE KEY COMMANDS

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

#93	Enters Menu mode
[*]	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
001-009	All data entries are either 2-digit or 3-digit entries.
000	Exits menu mode, back into field programming mode, when entered at the first question for each category.

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 lay out a partitioned system, use the following worksheet. This will further simplify the programming process.

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

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

SYSTEM DEFINITIONS BY PARTITION 9enter 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								
Console Panic for zone 995 (* + 1)								
Console Panic for zone 996 (# + 3)								
Console Panic for zone 999 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout Duration for Bell (2 min. increments)								
Console Annunciation During Entry**								
Console Annunciation During Exit								
Confirmation of Arming Ding for Bell								
Chime on Bell								
Access Control Relay (field 1*76)								
Affects Lobby (check partitions that apply)								
Årms Lobby (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 001-128.
**no= 3 beeps yes=continuous

PRINTER OPTIONS	
12 or 24 hour Time format	
Printer On-Line (yes/no)	
*1200 or 300 baud Printer Baud Rate	

*Note: Must be 1200 if using pager interface

EVENT LOG TYPES		
Option	**No**	**Yes**
Alarm		
Trouble		
Bypass		
Open/Close		
System		
Test		

DEVICES (keypads, 4204, rf receivers, vip module, lrr, vgm)											
Device Address	**Type**	**Home Part**	**Sound Opt**	**Supv CF?**	**Keypad Global**	**Device Address**	**Type**	**Home Part**	**Sound Opt**	**Supv CF?**	**Keypad Global**
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						31					

Type:

0 = Device Not Used
1 = Alpha Console
3 = RF Receiver
4 = Output Relay Module
5 = Voice Module
6 = Long Range Radio
9 = Vista Gateway Module

Console 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

Defaults:

Addresses 00-01 = Alpha Keypad; No Suppression

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 4-6													
4-digit Security Code	Access Group 0; 1-8	Partition 4				Partition 5				Partition 6			
		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)

ZONE DEFINITIONS FOR ZONES 001-024						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
01						
02						
03						
04						
05						
06						
07						
08						
09						
010						
011						
012						
013						
014						
015						
016						
017						
018						
019						
020						
021						
022						
023						
024						

ZONE DEFINTIONS FOR ZONES 025-048						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
025						
026						
027						
028						
029						
030						
031						
032						
033						
034						
035						
036						
037						
038						
039						
040						
041						
042						
043						
044						
045						
046						
047						
048						

ZONE DEFINITIONS FOR ZONES 049-072						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
049						
050						
051						
052						
053						
054						
055						
056						
057						
058						
059						
060						
061						
062						
063						
064						
065						
066						
067						
068						
069						
070						
071						
072						

ZONE DEFINTION FOR ZONES 073-096						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
073						
074						
075						
076						
077						
078						
079						
080						
081						
082						
083						
084						
085						
086						
087						
088						
089						
090						
091						
092						
093						
094						
095						
096						

ZONE DEFINTION FOR ZONES 097-120						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
097						
098						
099						
100						
101						
102						
103						
104						
105						
106						
107						
108						
109						
110						
111						
112						
113						
114						
115						
116						
117						
118						
119						
120						

ZONE DEFINTION FOR ZONES 121-128						
Zone No.	**Zone Type**	**Partition (1-8)**	**Input Type (1-8)**	**Serial # Device Loop**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
121						
122						
123						
124						
125						
126						
127						
128						

ZONE DEFINITIONS FOR KEYPAD PANIC ZONES 995, 996, & 999											
Zone No.	**Zone Type**	**Enter yes/no for each partition-field *22**								**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
		1	**2**	**3**	**4**	**5**	**6**	**7**	**8**		
995											
996											
999											

ZONE DEFINITIONS FOR SYSTEM ZONES; 970, 988; 990 & 997			
Zone No.	**Zone Type**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
970			
988			
990			
997			

ZONE DEFINITIONS FOR RELAY SUPERVISORY ZONES 601-616							
Zone No.	**Zone Type**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**	**Zone No.**	**Zone Type**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
601				617			
602				618			
603				619			
604				620			
605				621			
606				622			
607				623			
608				624			
609				625			
610				626			
611				627			
612				628			
613				629			
614				630			
615				631			
616				632			

ZONE DEFINITIONS FOR SUPERVISORY OF ECP DEVICE ZONES 800-831							
Zone No.	**Zone Type**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**	**Zone No.**	**Zone Type**	**Report Code**	**Zone Information (part numbers) & Alpha Descriptor (3 words max.)**
800				816			
801				817			
802				818			
803				819			
804				820			
805				821			
806				822			
807				823			
808				824			
809				825			
810				826			
811				827			
812				828			
813				829			
814				830			
815				831			

Zone Types:

00=zone not used
01=entry/exit 1
02=entry/exit 2
03=perimeter
04=interior (follower)
05=day/night burglary
06=24 hour silent
07=24 hour audible
08=24 hour auxiliary
09=supervised fire
10=interior (delay)
20=arm stay
21=arm away
22=disarm
23=no alarm response
27=access control
28=MLB supervision

Input Types:

00=not used
01=hardwired
03=supervised RF transmitter
04=unsupervised RF transmitter
05=RF button transmitter
06=serial number polling loop
07=dip switch type polling loop
08=right loop dip switch polling loop
09=keypad input
10=PassPoint ACS input

Output Relays Worksheets

Applicable only if Relays Modules (4204/4204CF) or Powerline Carrier Devices (X-10) are to be used.

Output Devices – Programmed in the #93 Menu Mode in the Relay Programming Section. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

Notes: 1. For Relays, 4204/4204CF the Device Programming section must be programmed for the device address. Set the dip switches on the 4204/4204CF for that address.

2. For Powerline Carrier Devices (X-10) use the 4300 transformer in place of the transformer that comes in the box with the control panel.

		S T A R T either (EV) / (ZL) or (ZT) / (P) or both					**S T O P** either (ZL) or (ZT)/(P) or both				**Device Address 4204(CF)**	**Relay # for 4204**
OUTPUT DEV #	**(A)**	**(EV)**	**(ZL)**	**(ZT)**		**(P)**	**(ZL)**	**(ZT)**		**(P)**	**1=4204 2=X-10**	**House Code for (X-10)**	**Unit Code for (X-10)**
1	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
2	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
3	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
4	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
5	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
6	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
7	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
8	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
9	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
10	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
11	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
12	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
13	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
14	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
15	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
16	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
17	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
18	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
19	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

OUTPUT RELAYS WORKSHEET (cont'd)

		START either (EV) / (ZL) or (ZT) / (P) or both				STOP either (ZL) or (ZT)/(P) or both				Device Address 4204(CF)	Relay # for 4204
OUTPUT DEV #	(A)	(EV)	(ZL)	(ZT)	(P)	(ZL)	(ZT)	(P)	1=4204 2=X-10	House Code for (X-10)	Unit Code for (X-10)
20	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
21	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
22	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
23	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
24	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
25	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
26	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
27	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
28	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
29	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
30	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
31	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐
32	☐	☐	☐	☐ ☐	☐	☐	☐ ☐	☐	☐	☐	☐

A = DEVICE ACTION 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off; 4 = Toggle alternately between START and STOP events.

EV = EVENT 0 = Not used; 1 = Alarm; 2 = Fault; 3 = Trouble; 4 = Restore

Z L = ZONE LIST 1-8, 0 = Not Used.

"START" ZONE LIST: Upon alarm, fault, or trouble of ANY zone in this list, device action will START.

"STOP" ZONE LIST: Upon restore of ALL zones on this list, device action will STOP. It need not be same list as used for START.

ZT = ZONE TYPE/SYSTEM OPERATION

Choices for Zone Types are:

00=Zone Not Used	05=Day/Night Burglary	10=Interior (Delay)
01=Entry/Exit 1	06=24 Hour Silent	23=No Alarm Response
02=Entry/Exit 2	07=24 Hour Audible	27=Access Control
03=Perimeter	08=24 Hour Auxiliary	28=MLB Supervision
04=Interior (Follower)	09=Supervised Fire	

NOTE: Any zone in "ZT" for Start, going into alarm, fault, or trouble will activate the relay. Any zone in "ZT" for Stop, that restores will stop the relay action.

Choices for System Operation are:

20 = Arming-Stay	36 = At Bell Time-out*	45 = Polling Loop Failure
21 = Arm Away	37 = 2 Times Bell Time-out*	51 = RF Receiver Failure
22 = Disarming	38 = Chime	52 = Kissoff
30 = On Second Off	39 = Fire Alarm	54 = Fire Zone Reset
31 = End of Exit Time	40 = Bypassing	55 = Disarm + 1 Minute
32 = Start of Entry Time	41 = AC Power Fail	56 = XX Minutes (enter XX in field 1*74)
33 = Any Burglary Alarm	42 = System Battery Low	57 = YY seconds (enter YY in field 1*75)
34 = Code + # + 71 Key Entry	43 = Communication Failure	58 = Duress
35 = Code + # + 72 Key Entry	44 = RF Low Battery	60 = Audio Alarm Verification**

*Or at disarming, whichever occurs first
**Must be selected for both START and STOP operation

P = PARTITION No. 1-8, 0 = Any

ZONE LISTS FOR OUTPUT DEVICES – Programmed in the #93 Menu Mode in the Relay Programming Section. Fill in the required data on the worksheet below and follow the procedure in the installation instructions 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 (enter 00 to end entries).

☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ …etc.

Zone List 4: Started or stopped by zone numbers (enter 00 to end entries).

☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ ,☐☐ …etc.

Zone List 5: Started or stopped by zone numbers (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.

Alpha Descriptor Vocabulary

(For entering alpha descriptors. To select a word, press [#] followed by the word's 3-digit number.)
NOTE: This vocabulary is not to be used for relay voice descriptors. See the *Relay Voice Descriptors* section when programming relay voice descriptors.

000 *(Word Space)*
• **001 AIR**
• **002 ALARM**
003 ALCOVE
004 ALLEY
005 AMBUSH
• **006 AREA**
• **007 APARTMENT**
008 ART
• **009 ATTIC**
010 AUDIO
011 AUXILIARY
• **012 BABY**
• **013 BACK**
• **014 BAR**
015 BARN
• **016 BASEMENT**
• **017 BATHROOM**
• **018 BED**
• **019 BEDROOM**
020 BELL
• **021 BLOWER**
• **022 BOILER**
023 BOTTOM
024 BOX
025 BREAK
• **026 BUILDING**
027 BURNER
028 CABINET
• **029 CALL**
030 CAMERA
031 CAR
032 CASE
033 CASH
034 CCTV
035 CEILING
036 CELLAR
• **037 CENTRAL**
038 CIRCUIT
039 CLIP
• **040 CLOSED**
041 COIN
042 COLD
043 COATROOM
044 COLLECTION
045 COMBUSTION
• **046 COMPUTER**
047 CONTACT
• **048 DAUGHTERS**
049 DELAYED
• **050 DEN**
051 DESK
• **052 DETECTOR**
• **053 DINING**
054 DISCRIMINATOR
055 DISPLAY
056 DOCK
• **057 DOOR**
058 DORMER
• **059 DOWN**
• **060 DOWNSTAIRS**
061 DRAWER
• **062 DRIVEWAY**
063 DRUG
• **064 DUCT**
• **065 EAST**
066 ELECTRIC
067 EMERGENCY
068 ENTRY
• **069 EQUIPMENT**
070 EXECUTIVE
• **071 EXIT**
072 EXTERIOR
• **073 FACTORY**
074 FAILURE
075 FAMILY
• **076 FATHERS**
• **077 FENCE**
078 FILE
• **079 FIRE**
• **080 FLOOR**
081 FLOW
082 FOIL
• **083 FOYER**
084 FREEZER
• **085 FRONT**
086 FUR
087 FURNACE
088 GALLERY
• **089 GARAGE**
• **090 GAS**
091 GATE
• **092 GLASS**
093 GUEST
094 GUN
• **095 HALL**
• **096 HEAT**
097 HIGH
098 HOLDUP
099 HOUSE
100 INFRARED
• **101 INSIDE**
102 INTERIOR
103 INTRUSION
104 JEWELRY
• **105 KITCHEN**
• **106 LAUNDRY**
• **107 LEFT**
108 LEVEL
• **109 LIBRARY**
• **110 LIGHT**
111 LINE
112 LIQUOR
• **113 LIVING**
• **114 LOADING**
115 LOCK
116 LOOP
117 LOW
• **118 LOWER**
• **119 MACHINE**
120 MAGNETIC
121 MAIDS
122 MAIN
• **123 MASTER**
124 MAT
• **125 MEDICAL**
126 MEDICINE
127 MICROWAVE
128 MONEY
129 MONITOR
• **130 MOTHERS**
• **131 MOTION**
132 MOTOR
133 MUD
• **134 NORTH**
135 NURSERY
• **136 OFFICE**
137 OIL
• **138 OPEN**
139 OPENING
• **140 OUTSIDE**
141 OVERFLOW
142 OVERHEAD
143 PAINTING
• **144 PANIC**
145 PASSIVE
• **146 PATIO**
147 PERIMETER
• **148 PHONE**
149 PHOTO
150 POINT
151 POLICE
152 POOL
• **153 POWER**
154 QUAD
155 RADIO
• **156 REAR**
157 RECREATION
158 REFRIG
159 REFRIGERATION
160 RF
• **161 RIGHT**
• **162 ROOM**
163 ROOF
164 SAFE
165 SCREEN
166 SENSOR
• **167 SERVICE**
• **168 SHED**
169 SHOCK
• **170 SHOP**
171 SHORT
172 SHOW
• **173 SIDE**
174 SKYLIGHT
175 SLIDING
• **176 SMOKE**
177 SONIC
• **178 SONS**
• **179 SOUTH**
180 SPRINKLER
181 STAMP
• **182 STATION**
183 STEREO
184 STORE
• **185 STORAGE**
186 STORY
187 STRESS
188 STRIKE
189 SUMP
190 SUPERVISED
191 SUPERVISION
192 SWIMMING
193 SWITCH
194 TAMPER
195 TAPE
196 TELCO
197 TELEPHONE
198 TELLER
• **199 TEMPERATURE**
200 THERMOSTAT
• **201 TOOL**
202 TRANSMITTER
203 TRAP
204 ULTRA
• **205 UP**
• **206 UPPER**
• **207 UPSTAIRS**
• **208 UTILITY**
209 VALVE
210 VAULT
211 VIBRATION
212 VOLTAGE
213 WALL
214 WAREHOUSE
215 WASH
• **216 WEST**
• **217 WINDOW**
218 WINE
• **219 WING**
220 WIRELESS
221 WORK
222 XMITTER
223 YARD
224 ZONE (No.)
• **225 ZONE**
• **226 0**
• **227 1**
• **228 1ST**
• **229 2**
• **230 2ND**
• **231 3**
• **232 3RD**
• **233 4**
• **234 4TH**
• **235 5**
• **236 5TH**
• **237 6**
• **238 6TH**
• **239 7**
• **240 7TH**
• **241 8**
• **242 8TH**
• **243 9**
• **244 9TH**
250 Custom Word 1
to
269 Custom Word 20

CHARACTER (ASCII) CHART

(For Adding Custom Words)

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

Relay Voice Descriptors And Custom Word Substitutes Vocabulary

Word	Index
Air	116
Alarm	255
And	067
Apartment	117
Appliances	161
Area	118
Attic	119
Baby	120
Back	121
Bar	122
Basement	021
Bathroom	051
Battery	053
Bed	092
Bedroom	015
Blower	123
Boiler	124
Bright	162
Building	125
Burglary	039
Call	009
Central	089
Chime	054
Closed	126
Computer	127
Console	066
Daughter's	208
Den	052
Detector	128
Device	060
Dim	163
Dining	031
Door	016
Down	008
Downstairs	184
Driveway	130
Duct	131
East	132
Eight	077
Eighth	221
Equipment	133
Exit	004
Factory	134
Father's	211
Fence	135
Fifth	218
Fire	040
First	136
Five	074
Floor	029
Four	073
Fourth	217
Foyer	137
Front	087
Garage	023
Gas	138
Glass	139
Hall	050
Heat	010
Inside	209
Kitchen	022
Laundry	140
Left	027
Library	141
Light	019
Living	030
Loading	142
Lower	094
Machine	143
Master	144
Medical	014
Mother's	212
Motion	145
Nine	078
Ninth	222
No	165
North	146
Not	012
Off	011
Office	147
On	058
One	070
Open	148
Outside	210
Panic	013
Partition	090
Patio	149
Phone	061
Power	063
Pump	166
Rear	088
Right	028
Room	018
's	007
Second	056
Service	150
Seven	076
Seventh	220
Shed	151
Shop	152
Side	153
Six	075
Sixth	219
Smoke	024
Son's	223
South	155
Stairs	006
Station	156
Storage	157
Sun	154
System	062
Temperature	158
Third	159
Three	072
Tool	213
Two	071
Up	025
Upper	187
Upstairs	183
Utility	185
West	215
Window	017
Wing	216
Zero	069
Zone	002

Scheduling Menu Prompts

To program schedules, enter Scheduling program mode by pressing [Installer Code] + # + 80 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:

Time Window ? 1 Yes 0 = No 0	For defining up to 20 time windows each with a start and a stop time programmed by entering the hours and minutes.
O/C Schedules ? 1 Yes 0 = No 0	For defining the daily open and close schedules for the 8 partitions. Each partition can be programmed with an opening and closing window for each day of the week and holidays.
Holidays ? 1 Yes 0 = No 0	For defining up to 16 holidays for which partitions they apply.
Timed Events ? 1 Yes 0 = No 0	For defining up to 20 time driven events with the following parameters: • Time window • Action desired • Action specifier • Activation time • Days of the week
Access Sched. ? 1 Yes 0 = No 0	For defining the limitation of access schedules for the user codes. Each schedule can be programmed with two window for each day of the week and holidays

#80 & #81 MENU MODE KEY COMMANDS

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

#80 or #81	Enters Menu mode
[✶]	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 either 2-digit entries.
00	Escapes from menu mode, back normal operation mode, when entered at the first question for each category.

Scheduling Worksheets

Time Windows Definitions Worksheet. The system provides 20 time windows that are defined with start and stop times. They are programmed in the #80 Menu Mode. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

Time Window Number	Start Time (HH:MM)	Stop Time (HH:MM)
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

(Keep this worksheet handy, as you will be asked for a given time window number later in this section).

Since the time windows are shared among all partitions, it is important to make sure that changing a time window does not adversely affect desired actions in other partitions.

Daily Open/Close Schedule Worksheet: Using the time windows previously defined, fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

Part	Mon		Tues		Wed		Thur		Fri		Sat		Sun		Hol	
	Op	Cl	Op	Cl	Op	Cl	Op	Cl	Op	Cl	Op	Cl	Op	Cl	Op	Cl
1																
2																
3																
4																
5																
6																
7																
8																

Holiday Schedule Worksheet: The system provides up to 16 holidays that can be assigned for the system. Each holiday can be assigned to any combination of partitions. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

HOL	Partition								
	Month/Day	1	2	3	4	5	6	7	8
1	/								
2	/								
3	/								
4	/								
5	/								
6	/								
7	/								
8	/								
9	/								
10	/								
11	/								
12	/								
13	/								
14	/								
15	/								
16	/								

Time-Driven Event Worksheet: The system provides up to 20 time driven events that can be programmed for the system. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

Sched Num.	Time Window	Day(s)								Action Desired	Action Specifier	Activation Time
		M	T	W	T	F	S	S	H			
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												

Below is a list of the "Action" codes (desired actions) used when programming time driven events. Note that these codes are independent of the "relay codes" programmed during the #93 Menu Mode–Relay Programming mode. **If using Time Driven Events to control relays, the following menu items must first be programmed using #93 Menu Mode - Relay Programming:**

Enter Relay No.	(reference identification number)
Relay Group	(if applicable)
Restriction	
Relay Type	(4204/4204CF or X-10)
ECP Address	(4204/4204CF)
Relay No.	(4204/4204CF)
House Code	(X-10)
Unit Code	(X-10)

Relay commands:

Action Specifier for commands 01-05 is Relay #, for commands 06-10 is Relay Group #.

01 = Relay On
02 = Relay Off
03 = Relay Close for 2 seconds
04 = Relay Close XX minutes (field 1*74)
05 = Relay Close YY seconds (field 1*75)
06 = Relay Group On
07 = Relay Group Off
08 = Relay Group Close for 2 seconds
09 = Relay Group Close XX minutes (field 1*74)
10 = Relay Group Close YY seconds (field 1*75)

Arm/Disarm commands:

Action Specifier for commands 20-24 is Partition(s), Activation times 1 (Beginning), 2 (End), 3 (During) are the only valid choices for auto-arming and disarming functions.

20 = Arm-Stay
21 = Arm Away
22 = Disarm
23 = Force Arm Stay (Auto-bypass faulted zns)
24 = Force Arm Away (Auto-bypass faulted zns)

Bypass commands:

Action Specifier for commands 30-31 is Zone List #, Activation times 1 (Beginning), 2 (End), 3 (During) are the only valid choices for bypass commands.

30 = Auto bypass - Zone list
31 = Auto unbypass - Zone list

Open/Close Windows:

Action Specifier for commands 40-41 is Partition(s), for 42 is Access Group, and for 50 no specifier is programmed. Activation time 3 (During) is the only valid choice for these commands.

40 = Enable Opening Window
41 = Enable Closing Window
42 = Enable Access Window
50 = Off-Normal Reminder (Starts local keypad beeping if fire off-normal condition exists)

Activation time:

Refers to when the action is to take place relative to the time window.

1 = Beginning of time window
2 = End of time window
3 = During time window active period only (On at beginning of window, off at end).
4 = Beginning and end of time window (ex. -Coffee break buzzer).

Limitation of Access Worksheet The system provides up to 8 Access Schedules that can be programmed for the system. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

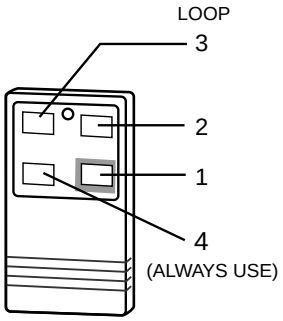
Acc	Mon		Tues		Wed		Thurs		Fri		Sat		Sun		Hol	
Sch	W1	W2	W1	W2	W1	W2	W1	W2	W1	W2	W1	W2	W1	W2	W1	W2
1																
2																
3																
4																
5																
6																
7																
8																

Temporary Schedule #81 Menu Mode The system provides a Temporary Schedule for each partition. Enter the temporary scheduling mode by pressing [Installer Code] + #81. Fill in the required data on the worksheet below and follow the procedure in the installation instructions as you enter the data during the displays and prompts that appear in sequence.

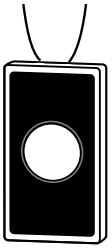
Partition/Windows		Mon	Tue	Wed	Thu	Fri	Sat	Sun
1	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
2	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
3	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
4	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							

5	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
6	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
7	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							
8	**Disarm Window**							
	Start Time HH:MM							
	Stop Time HH:MM							
	Arm Window							
	Start Time HH:MM							
	Stop Time HH:MM							

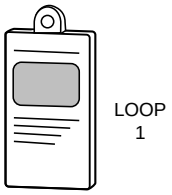
5800 Series RF Transmitter Loop Designations



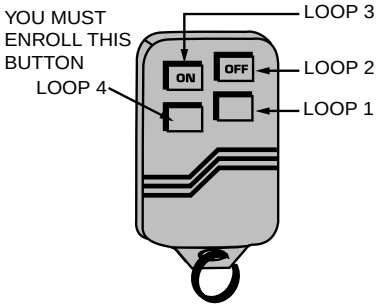
5801
ENROLL AS "UR" OR "RF"



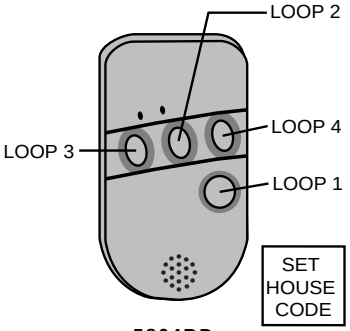
5802/5802CP
ENROLL AS "BR"



5802MN
ENROLL AS "UR" OR "RF"



5804
ENROLL AS "BR"



5804BD
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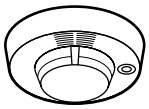
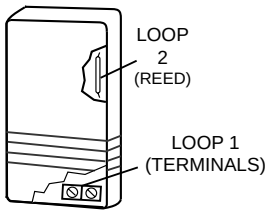


5806/5807/5808
(5806 SHOWN)
ENROLL AS "RF"



5816
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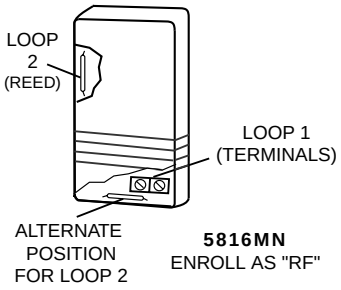

5816MN
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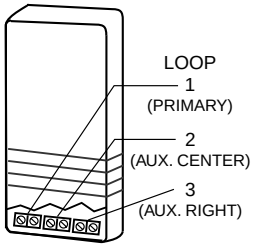

5817
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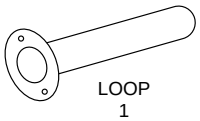

5818
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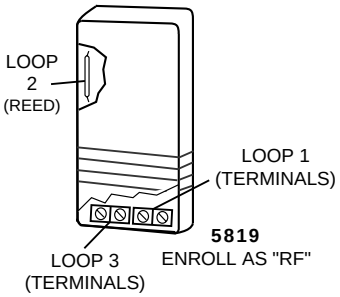

5819
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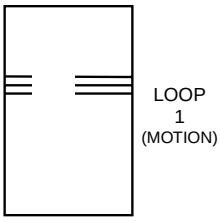
5827
SET HOUSE CODE

5827BD
SET HOUSE CODE



5849
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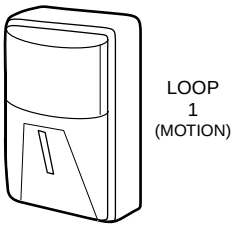

5890
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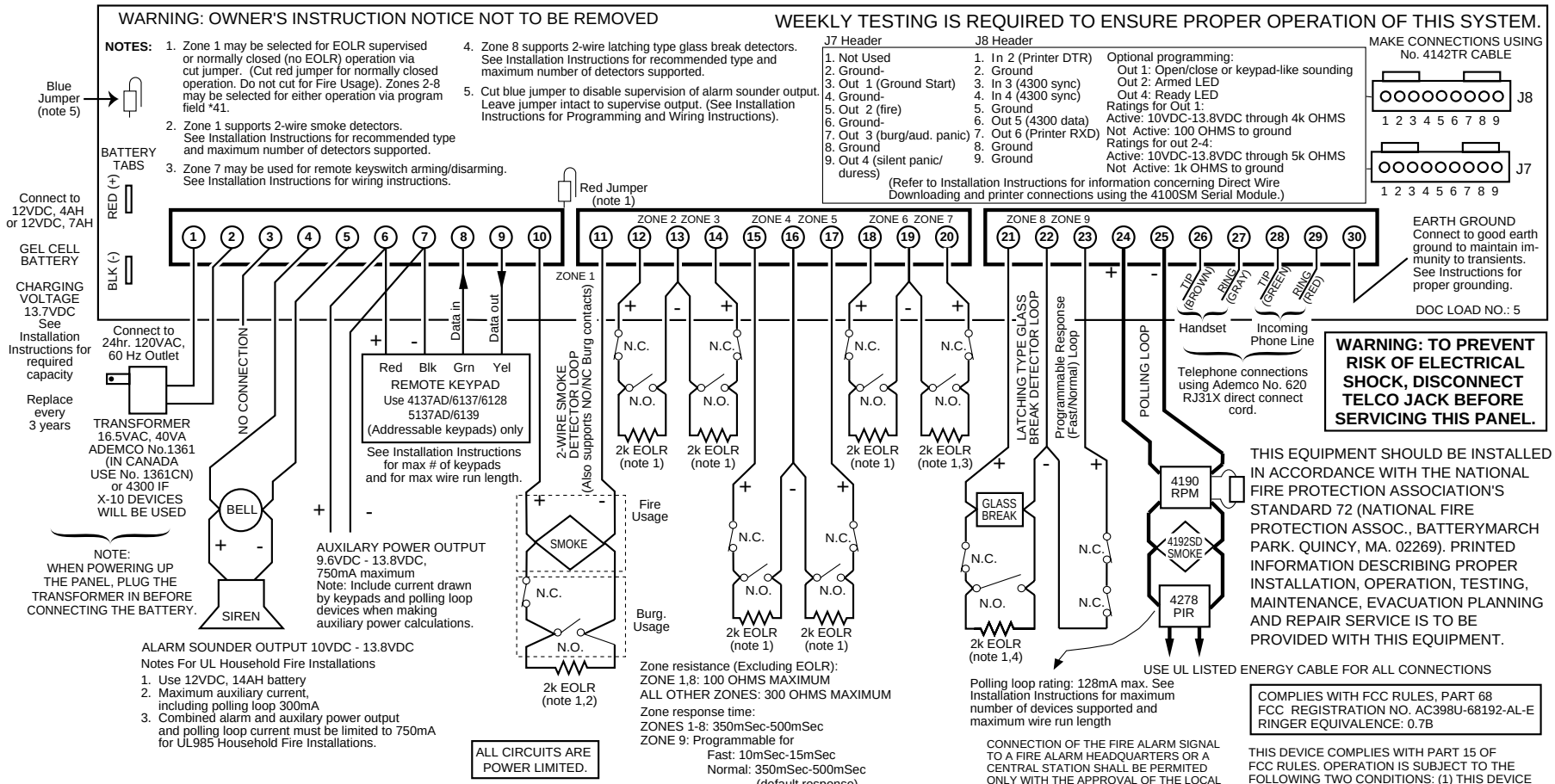

VISTA-128B
SUMMARY OF CONNECTIONS

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