Rcvr-Acct#:	320 - 9999	**Date:**	May 3, 2007 11:31 AM
Name:		**Business:**	

320P1-5 PROGRAMMING FORM

Local programming requires the use of a 2-line Alpha keypad connected to partition 1 keypad terminals on the control.
NOTE: For UL installations, the system may be configured as a single partition only.

Field	Function	Programmed Values	[ ] = Default Value

SYSTEM SETUP (*20-*29)

*20 INSTALLER CODE `4 1 1 2` [4112] 4 digits, 0-9

*21 QUICK ARM ENABLE `1` `1`   Part. 1 Part. 2 [1] 0 = No; 1 = Yes

*22 RF JAM OPTION `0` [0] 0 = No RF Jam; 1 = Rf Jam Enabled

*23 FORCED BYPASS `0` `0`   Part. 1 Part. 2 [0] 0 = None; 1 = Bypass Open Zones (0 for UL installations)

*24 RF HOUSE ID CODE `00` `00` `00`   Part. 1 Part. 2 Common [00] 00 = Disable all wireless touchpad usage 01-31 = using 5827 or 5827BD touchpad

*26 CHIME BY ZONE `0` [0] 0 = No; 1 = Yes (program zones to chime on zone list 3)

*27 X-10 HOUSE CODE `0` [0] 0 = A; 1 = B; 2 = C; 3 = D; 4 = E; 5 = F; 6 = G; 7 = H; 8 = I; 9 = J; #10 = K; #11 = L; #12 = M; #13 = N; #14 = O; #15 = P

28 PHONE MODULE ACCESS CODE `00` (Partition 1 only) [0] 1st digit: enter 1-9; 2nd digit: enter #+11 for "", or #+12 for "#". 0 = Disable code

*29 OUTPUT TO LONG RANGE RADIO `1` [1] 0 = Disable; 1 = Enable (0 for UL installations).

ZONES SOUNDS AND TIMING (*31-*39)

*31 SINGLE ALARM SOUNDING/ZONE `1` [1] 0 = No; 1 = Yes; 0 for UL installations

*32 FIRE ALARM SOUNDER TIMEOUT `1` [1] 0 = Timeout; 1 = No Timeout;

*33 ALARM BELL TIMEOUT `1` [1] 0 = None; 1 = 4 min; 2 = 8 min; 3 = 12 min; 4 = 16 min; 1 (4 min) minimum for UL.

*34 EXIT DELAY `60` `60`   Part. 1 Part. 2 [60,60] 45-96 = 45-96 sec; 97 = 120 sec; SIA Installations: minimum exit delay = 45 sec. Common zones use same delay as partition 1.

*35 ZONE TYPE 01 ENTRY DELAY `30` `30`   Part. 1 Part. 2 [30,30] 30-96 = 30-96 sec; 97 = 120 sec; 98 = 180 sec; 99 = 240 sec SIA Installations: minimum entry delay = 30 sec. Common zones use same delay as partition 1. For UL Residential Burglary Alarm installations, must be set for a max of 30 sec; entry delay plus dial delay should not exceed 1 min. For UL Commercial Burglar Alarm, total entry delay may not exceed 45 sec.

*36 ZONE TYPE 02 ENTRY DELAY `60` `60`   Part. 1 Part. 2 See *35 Entry Delay 1 above for entries.

*38 CONFIRMATION OF ARMING DING `0` `0`   Part. 1 Part. 2 [0] 0 = No; 1 = Yes; (wired touchpads and RF) 2 = yes, RF only

*39 POWER UP IN PREVIOUS STATE `1` [1] 0 = No; 1 = Yes; 1 for UL installations

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

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

*40 PABX ACCESS CODE/CALL WAITING DEFEAT `[      ]`
[ ] Enter 6 digits. If fewer than 6 digits, then exit by pressing *.
To clear entries from field, press Q40Q.
If call waiting is used. enter call waiting
disable digit enter *(#+11)+7+0+(#+13 for pause)
and set call waiting disable opion in *91.

*41 PRIMARY PHONE NUMBER `[                    ]`
[ ] Enter up to 20 digits; Do not fill unused spaces. If fewer
than 20 digits are entered, exit by pressing * and next desired
field number. To clear entries from field, press *41*.

*42 SECONDARY PHONE NUMBER `[                    ]`
[ ] Enter up to 20 digits; Do not fill unused spaces. If fewer
than 20 digits are entered, exit by pressing * and next desired
field number. To clear entries from field, press *42*.

For fields *43-*46:

Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; #+15 for F. Enter * as the 4th digit. If only 3 digits used, exit by pressing "*" (and press next field).

To clear entries from field, press *43*, *44*, *45*, or *46*. Examples:

For Acct. **1234**, enter: | 1 | 2 | 3 | 4 |

For Acct. **B234**, enter: | #+11 | 2 | 3 | 4 |

For Acct. **123**, enter: | 1 | 2 | 3 | * |

Field	Function	Programmed Values	[ ] = Default Value

*43 PRIMARY SUBSCRIBER ACCOUNT NUMBER (Part. 1) — `9 9 9 9 ▢ ▢ ▢ ▢ ▢ ▢` [FFFFFFFFFF] See box above

*44 SECONDARY SUBSCRIBER ACCOUNT NUMBER (Part. 1) — `F F F F F F F F F F` [FFFFFFFFFF] See box above

*45 PRIMARY SUBSCRIBER ACCOUNT NUMBER (Part. 2) — `F F F F F F F F F F` [FFFFFFFFFF] See box above

*46 SECONDARY SUBSCRIBER ACCOUNT NUMBER (Part. 2) — `F F F F F F F F F F` [FFFFFFFFFF] See box above

*47 PHONE SYSTEM SELECT — `1`

[1] If Central Station *IS NOT* on a WATS line:
0 = Pulse Dial; 1 = Tone Dial;
If Central Station *IS* on a WATS line:
2 = Pulse Dial; 3 = Tone Dial;

*48 REPORT FORMAT PRIMARY/SECONDARY — Primary `7` Secondary `7` [7/7]

0 = 3+1, 4+1 ADEMCO LOW SPEED STANDARD
1 = 3+1, 4+1 RADIONICS STANDARD
2 = 4+2 ADEMCO LOW SPEED STANDARD
3 = 4+2 RADIONICS STANDARD
5 = 10-Digit CONTACT ID REPORT
6 = 4+2 ADEMCO EXPRESS
7 = 4-Digit CONTACT ID REPORT
8 = 3+1, 4+1 ADEMCO LOW SPEED EXPANDED
9 = 3+1, 4+1 RADIONICS EXPANDED

*49 SPLIT/DUAL REPORTING — `0`

[0] 0 = Disable (Backup report only)

	TO PRIMARY PHONE No.	SECONDARY PHONE No.
1 =	Alarms, Restore, Cancel	Others
2 =	All except Open/Close, Test	Open/Close, Test
3 =	Alarms, Restore, Cancel	All
4 =	All except Open/Close, Test	All
5 =	All	All

*50 BURGLARY DIAL DELAY — `2` (Digit 1) `0` (Digit 2)

[2,0] Digit 1 :Burglary Dial Delay
1 = 15 sec
[2 = 30 sec]
3 = 45 sec
SIA Installation: delay must be min. of 30 sec.
Digit 2 :Dialer Delay Overide for zone list 6 Zones
0=No delay disable; 1=Dial delay disable for zones listed in zone list 6
use zone list 6 to enter zones that require dial delay to be ignored
UL: Dial delay plus entry delay must not exceed one minute;

*53 SESCOA/RADIONICS SELECT — `0`

[0] 0 = Radionics (0-9, B-F reporting); 1 = SESCOA (0-9 only reporting)

*54 DYNAMIC SIGNALING DELAY — `2`

[2] Delay selectable from 0 to 225 sec in 15-sec increments.*
1 = 15 sec; 2 = 30 sec; etc. Enter 0 for UL installations.

*55 DYNAMIC SIGNALING PRIORITY — `0`

[0] 0 = Primary Dialer first; 1 = Long Range Radio first.*
* See "Data Field Descriptions" in Installation manual for details.

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

TO PROGRAM SYSTEM STATUS, & RESTORE REPORT CODES (*59-*76, & *89) FOR CONTACT ID REPORTING:
Enter any digit (other than "0") in the *first* box, to enable zone to report (entries in the *second* box will be ignored)

*57 FUNCTION KEY PROGRAMMING (interactive mode)

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

SYSTEM STATUS REPORT CODES (*59-*69)

*59 EXIT ERROR ALARM REPORT CODE | 1
[1] Always enabled. Send both recent And zone alarm reports.
in the event of an exit error condition. Also see *69.

*60 TROUBLE REPORT CODE | 10

*61 BYPASS REPORT CODE | 00

*62 AC LOSS REPORT CODE | 00

*63 LOW BATTERY REPORT CODE | 10

*64 TEST REPORT CODE | 10

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

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

*67 RF TRANSMITTER LOW BATTERY | 11

*68 CANCEL REPORT CODE | 11

*69 RECENT CLOSING REPORT CODE | 11
[11] Always enabled. Send both RECENT CLOSING And zone alarm
reports. If fault occurs within 2 min. after exit time expires.Also see *59.

RESTORE REPORT CODES (*70-*76)

*70 ALARM RESTORE RPT CODE | 0
[0]

*71 TROUBLE RESTORE RPT CODE | 00
[00]

*72 BYPASS RESTORE RPT CODE | 00
[00]

*73 AC RESTORE RPT CODE | 00
[00]

*74 LOW BATTERY RESTORE RPT CODE | 10
[10]

*75 RF TRANSMITTER LOW BATTERY | 00
[00]

*76 TEST RESTORE RPT CODE | 00
[00]

OUTPUT AND SYSTEM SETUP (*77-*93)

*77 DAYLIGHT SAVINGS TIME
START/END MONTH | 04|10
[04|10] 0 = Disabled; 1-12 selects start/end months. (ex. 1 = Jan. etc.)

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

*79 RELAYS & POWERLINE CARRIER DEVICE MAPPING

*80 OUTPUT DEFINITIONS

*81 ZONE LISTS FOR OUTPUT DEVICES

*82 CUSTOM ALPHA EDITING

*82 CUSTOM ALPHA EDITING

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

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

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

*87 MISCELLANEOUS FAULT DELAY TIME | 0
[0 - 15 sec]   6 - 2 1/2 min   12 - 8 min
1 - 30 sec   7 - 3 min   13 - 10 min
2 - 45 sec   8 - 4 min   14 - 12 min
3 - 60 sec   9 - 5 min   15 - 15 min
4 - 90 sec   10 - 6 min
5 - 2 min   11 - 7 min

*88 PROGRAM MODE LOCKOUT OPTIONS | 0
[0] 0 = Standard *98 installer code lockout (reentry only by
[*] + [#] within 30 sec after power up
1 = lockout [*] + [#] reentry after *98 exit (reenter via installer code only)
2 = Not Used
3 = Lockout all local programming after *98 exit (reentry via download
only)

*89 EVENT LOG 80% FULL REPORT CODE | 00
[00] Enter any digit (other than "0") in the first box,
to enable report, (entries in the second box are ignored).

*90 EVENT LOG ENABLES | 15
[15] 0 = None; 1 = Alarm/Alarm Restore
2 = Trouble/Trouble Restore; 4 = Bypass/Bypass Restore;
8 = Open/Close.
Example: To select "Alarm/Alarm Restore", and
"Open/Close", enter 9(1+8); To select all, enter #15.
Note: System messages are logged when any non-zero
selection is made.

*91 OPTION SELECTION | 8
Digit 1
| 0
Digit 2

[8,0] **Digit 1 - option:**
0 = None;
;4 = AAV (UL:Must use ADEMCO UVCM module):
8 = Exit Delay Restart (UL:must be disabled)
SIA installation: Exit Delay should be enabled

Digit 2 Call Waiting Disable:
0=No call waiting;
1=call waiting disable digits entered in field *40

Multiple choice example: for AAV (4) + Exit Delay
Restart (8) enter #+12.
(AAV not to be used for UL installations).

*92 PHONE LINE MONITOR ENABLE | 0
Digit 1
[0] 0 = Disabled; 1-15 selects delay minutes.

| 0
Digit 2
[0] 0 = Touchpad display when line is faulted
1 = Touchpad display plus touchpad trouble sound
2 = Same as "1", plus Device #2 STARTS. If either partition
is armed, external sounder activates.
Note: Device #2 must either be programmed to be STOPPED
in field *80 or STOPPED by Code+#+8+2.

*93 NUMBER OF REPORTS IN ARMED PERIOD
PER ZONE(Swinger Suppression) | 1
Digit 1

| 0
Digit 2
[1,0] **Digit 1-Restrict No of Report Pairs**
1=1 Report Pair
2= Report Pairs
SIA Installations:Must be set for options 1 or 2

Digit 2-Unlimited reports for zones listed in Zone list 7:
0=Restrict the reports to the setting in entry 1
1=Unlimited reports for zones listed in zone list 7
(UL:Must allow reportin. Use Zone list 7 to Disable
Swinger suppression from appropriate zones.

Name: **Business:**

DOWNLOAD INFORMATION (*94, *95)

*94 DOWNLOAD PHONE NUMBER

[   ] Enter up to 20 digits, 0-9; #+11 for "*"; #+12 for "#"; #+13 for a 2 sec pause. Do not fill unused spaces. If fewer than 20 digits entered, exit field by pressing *, (and press 95, if entering the next field). To clear entries from field, press *94*.
Note: In UL installations, downloading may be performed only if a technician is at the site.

*95 RING COUNT FOR DOWNLOADING   `15`
[15] 0 = Disable Station Initiated Download;
1-14 = number of rings (1-9, #+10 = 10, #+11 = 11, #+12 = 12, #+13 = 13, #+14 = 14); 15 = Answering Machine Defeat (#+15 = 15).
Note: Do not enter "0" if using 4285/4286 Phone Module.
technician is at the site.

*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT
Number FOR INITIAL DOWNLOAD: No data entry required.
technician is at the site.

*97 SETS ALL FIELDS TO DEFAULT VALUES
No data entry required.
technician is at the site.

*98 EXIT PROGRAM MODE

PAGER OPTIONS (*160-*165)

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

PAGER PHONE NUMBER
See field *41 for entries.

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

PAGER REPORTING OPTIONS
Use zone list 9 to assign response zones for pager 1, zone list 10 for pager 2, zone list 11 for pager 3, zone list 12 for pager 4
0 = No reports sent
1 = Open/Close all users
4 = All alarms and troubles
5 = All alarms/troubles, and Open/Close for all users
12 = Alarms/troubles for zones entered in zone list (Current pager # + 8)
13 = Alarms/troubles for zones entered in zone list (Current pager # + 8), and open/closes for all users

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

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

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

SYSTEM OPTION (*181)

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

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*182 ATTRIBUTES FOR ZONE TYPE 90   `0000000000`

*183 ALARM/TROUBLE REPORT CODES FOR ZONE TYPE 90   `0/0`

*184 ATTRIBUTES FOR ZONE TYPE 91   `0000000000`

*185 ALARM/TROUBLE REPORT CODES FOR ZONE TYPE 91   `0/0`

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

`1`   `1`   `0`   `0`
AUI #1   AUI #2   AUI #3   AUI #4

TOUCHPAD OPTIONS (*190-*196)

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

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

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

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

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

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*182-*184 USER CONFIGURABLE ZONE TYPES

Response Number	Disarmed Normal	Disarmed Open	Disarmed Shorted	Stay Normal	Stay Open	Stay Shorted	Away Normal	Away Open	Away Shorted	Dynamic Restore	Vent Zone	Display	Dial Delay	Bypass Options	Fault Delay
90	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal			0 - Always		None - zone type cannot be bypassed	
91	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal			0 - Always		None - zone type cannot be bypassed	

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

Name: **Business:**

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

*79   RELAYS & POWERLINE CARRIER DEVICE MAPPING

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

ON-BOARD TRIGGER 1 | High | ON-BOARD TRIGGER 2 | High |

*80   OUTPUT DEFINITIONS

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

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

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

Name: **Business:**

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

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

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

00 = Not Used	05 = Trouble Day/Alarm Night	10 = Interior w/Delay	23 = No Alarm Response
01 = Entry/Exit#1	06 = 24 Hr Silent	12 = Monitor Zone	24 = Silent Burglary
02 = Entry/Exit#2	07 = 24 Hr Audible	14 = Carbon Monoxide	77 = Keyswitch
03 = Perimeter	08 = 24 Hr Aux	16 = Fire w/Verification	81 = AAV Monitor Zone
04 = Interior Follower	09 = Fire		90-91 = Configurable

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

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

Choices for System Operation are:

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

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

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

*81 **ZONE LISTS FOR OUTPUT DEVICES**
**Fill in the required data on the worksheet below and follow the procedure in the installation manual as you ent
data during the displays and prompts that appear in sequence.**

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

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

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

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

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

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

Zone List 6: Started or stopped by zone numbers (enter 00 to end entries).Dialer Delay Overide for zone list 6 Zones
(see *50 for dial delay disable option.)Use zone list 6 to enter those zones thet require Dialer Delay to be ignored.
◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻ ...etc.

Zone List 7: Started or stopped by zone numbers(enter 00 to end entries).Unlimited Report.(see *93 for unlimited reports option.)
Use zone list 7 to enter those zones thet require unlimited reporting; these zones ignore the setting in entry 1.
◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻, ◻◻ ...etc.

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

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

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

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

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

SCHEDULING

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