VISTA-100

COMMERCIAL FIRE/BURGLARY PARTITIONED SECURITY SYSTEM

with SCHEDULING

Quick Start

Step-by-Step Programming Procedure Single And Multiple Partition Programming Forms System Worksheets



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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 for a single-partition system, and the other for a multiple partition system. 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-100 INSTALLATION INSTRUCTIONS.

Two programming forms are provided: Single Partition Form and Multiple-Partition Form

 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-100 SINGLE PARTITION PROGRAMMING FORM beginning on page 6 when programming for single partition usage. Follow the steps outlined on page 3 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-100 MULTIPLE-PARTITION PROGRAMMING FORM beginning on page 10 when programming the system for multiple partitions. Follow the steps outlined on page 3 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-100 system.

- 1. Set the keypads (and other peripheral devices) to the appropriate addresses.
- 2. Set factory defaults by pressing *97.

 This will automatically enable keypad addresses 00-03, so be sure at least one keypad is set to one of these addresses.
- 3. Program system-wide (global) data fields.

 Using the programming form as a quide enter program

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) & field 1*32 (RF expander type) 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 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, and the VIP 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 programming 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 4285 VIP module, as well as the CUSTOM INDEX section for custom word substitutes.

11. Use #80 Mode for programming schedules.

Refer to the SCHEDULING section 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. A second entry of *99 is required if the exit is being done from fields 1*00 and above.

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

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

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.

**00 System-Wide *84 Partition-Specific *15 System-Wide *10 Partition-Specific *85 Partition-Specific 1*57 System-Wide *11 Partition-Specific *85 Partition-Specific 1*60 System-Wide *12 Partition-Specific *88 Partition-Specific 1*70 System-Wide *13 Partition-Specific *89 Communications 1*71 System-Wide *14 System-Wide *90 Partition-Specific 1*72 System-Wide *15 System-Wide *101 #93 Menu Mode 1*73 System-Wide *16 Partition-Specific *102 #93 Menu Mode 1*74 System-Wide *18 System-Wide *103 #93 Menu Mode 2*10 System-Wide *20 System-Wide *1*06 #93 Menu Mode 2*01 System-Wide *21 System-Wide *1*07 #93 Menu Mode 2*02 System-Wide	Field	Group	<u>Field</u>	Group	<u>Field</u>	Group
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	1 = Yes; 0 = No			00-09; B-F (11-15)
*09	ENTRY DELAY #1 [0)2]	*32	PRIM. SUBS. ACCT #
	00-15 times 15 seconds Maximum "03" for UL Commercial Burglary installa	ations		Enter 00-09; B-F (11-15) [15 15 15 15]
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*11	ENTRY DELAY #2 [0 00-15 times 15 seconds (must be longer than Entry)6]		Enter 0-9 for each digit. Enter #11 for *, #12 for #,
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	01-15 times 2 minutes. Minimum 16 min. for UL Co	ommercial		Enter 0-9 for each digit. Enter #11 for *, #12 for #,
* 1 5	Burglary and 6 min. for Commercial Fire. KEYSWITCH ASSIGNMENT	[0]		#13 for 2 second pause
1 5	Enter partition in which keyswitch used,	[0]	*35	DOWNLOAD PHONE No.
	1-8; 9=Silences bells if fire alarm			
	present; 0=disable			
* 1 6	BELL 1 CONFIRMATION OF ARMING DING	[0]		Enter 0-9 for each digit. Enter #11 for *, #12 for #, #13 for 2 second pause
* 1 7	1=enable; 0=disable. Must be "1" for UL Burglary In AC LOSS KEYPAD SOUNDING		*36	DOWNLOAD ID No.
1 /	1=yes; 0=no	[0]	-	
*18	BELL 1 AC POWER LOSS ALARM	[0]		Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15]
. •	1=yes; 0=no. Must be "1" for UL Commercial But		*37	DOWNLOAD COMMAND ENABLES
*19	RANDOMIZE AC LOSS REPORT	[0]		
	1=10-40 min; 2=6-12 hrs; 0=normal report (a		,	Dialer System Not Remote Remote Remote Upload Download Shutdwn Shutdwn Used Bypass Disarm Arm Program Program
	after AC loss). Must be "2" for Central and R	Remote		See field 1*53 for Callback disable option; [1=enable];
* 2 0	Station Fire alarm systems. VIP MODULE PHONE CODE			0=disable; For Commercial Fire & UL installations, all entries must be "0."
20	Enter 01 - 09 for the first digit; enter [00] , [00]	*38	PREVENT ZONE XXX BYPASS [00]
	11 for "*" or 12 for "#" for the second digit. T			001-087; 00 if all zones (except Fire zones) can be bypassed
	Must be set to "0" for Commercial Fire & UL		*39	ENABLE OPEN/CLOSE REPORT FOR [0]
* 2 2	Commercial Burglary installations.			INSTALLER CODE 1=enable; 0=disable
2 2	KEYPAD PANIC ENABLE [001] 1=enable; 0=disable 995	996 999	* 4 0	OPEN/CLOSE REPORT FOR KEYSWITCH [0]
*23	1=enable; 0=disable 995 9	[1]	. •	1=enable; 0=disable
	1=yes; 0=no	[']	*41	NORMALLY CLOSED or EOLR (Zones 3-8) [1]
* 2 4	IGNORE EXPANSION ZONE TAMPER	[0]		1=N.C.loops; 0=EOLR supervision; Must be "0" for
	1=Ignore; 0=Enable tamper for RF and RPM			Commercial Fire & UL.
* 0 5	"0" for UL installations if using these device		* 4 2	DIAL TONE PAUSE [0]
* 2 5	BURG.TRIGGER FOR RESPONSE TYPE 8	[1]		0=5 seconds; 1=11 seconds; 2=30 seconds; Must be
*26	1=enable; 0=disable INTELLIGENT TEST REPORTING	[0]	* 4.0	"0" Commercial Fire & UL.
20	1=yes, (no report sent if any other report wa	[0]	*43	DIAL TONE DETECTION [1]
	sent); 0=no Must be 0 for Commercial Fire			1=wait for true dial tone; 0=pause, then dial
	Commercial Burglary.		* 4 4	RING DETECTION COUNT [00]
*27	TEST REPORT INTERVAL [024]			01-14; 15=answering machine; 00=no detection. Must be "00" for Commercial Fire & UL Burglary.
	Enter interval in hours, 001-999; 000=no rep 024 for Commercial Fire & UL.	ort ; Max.	* 4 5	PRIMARY FORMAT [0]
* 2 8	POWER UP IN PREVIOUS STATE	[1]		0=Low Speed; 1=Contact ID; 2=Ademco High Speed;
- 0	1=yes; 0=no; "1" for UL.	r.1		3=Ademco Express
*29	QUICK ARM	[1]	* 4 6	LOW SPEED FORMAT (Primary) [0]
-	1=yes; 0=no			0=Ademco Low Speed; 1=Sescoa/Radionics

* 4 7	SECONDARY FORMAT [0]	1*20	EXIT ERROR LOGIC	[0]
	0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express		0=No, 1=Bypass E/E and Interior zones faulted after exit delay. Must be "0" for Commercial Fire & UL in	
*48	LOW SPEED FORMAT (Sec.) [0]	1*21	EXIT DELAY RESET	[0]
	0=Ademco Low Speed; 1=Sescoa/Radionics		0=No; 1=Resets Exit Delay to 60 seconds a	fter
* 4 9	CHECKSUM VERIFICATION [0] [0] []		zone is closed. Must be "0" for Commercial Fire installations.	& UL
	1=yes; 0=no Prim Sec			
*50	SESCOA/RADIONICS SELECT [0]		1*22-1*25: Allow four sets of two zones each	
	1=Sescoa; 0=Radionics		o that both must fault within a five minute peri n alarm.	ou to
* 5 1	DUAL REPORTING [0]	1*22	CROSS-ZONING PAIR ONE	
	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	1*23	CROSS-ZONING PAIR TWO	
	"2" option, alarms and alarm restores go to both, open/close and test messages go to secondary only, while all other reports go to	1*24	CROSS-ZONING PAIR THREE	
	primary. If used with Split Reporting "3" option, fire alarms and fire supervisory signals go to both primary and secondary, while all other reports go to secondary only.	1*25	CROSS-ZONING PAIR FOUR	
* = 0	, ,	MISCEL	LANEOUS WIRELESS OPTIONS	
* 5 2	STANDARD/EXPANDED REPORT FOR PRIMARY		1*28 - 1*32 are not applicable to Co	mmercial
	Alarm Rstr Bypass Trbl Opn/Cls Low Bat		UL installations.	ro1
+ = 0	0=standard; 1=expanded; Note: Expanded overrides 4+2 format.	1*28	RF TX LOW BATTERY SOUND 1=immediate; 0=when disarmed;	[0]
*53	STANDARD/EXPANDED REPORT FOR SECONDARY	1*29	RF TX LOW BATTERY REPORT ENABLE	[0]
	Alarm Rstr Bypass Trbl Opn/Cls Low Bat O=standard; 1=expanded; Note: Expanded overrides 4+2 format.		1=enable; 0=disable	
		1*30	RF RCVR CHECK-IN INTERVAL [06]
ZONE	TYPE RESTORE ENABLES	4 * 2 4	02-15 times 2 hours; 00 disables supervision	21
*79	FOR ZONE TYPES 1-8 *80 FOR TYPES 9/10	1*31	RF TRANSMITTER CHECK-IN INTERVAL [12 02-15 times 2 hours; 00 disables transmitter superv	
		1*32	RF RECEIVER TYPE	[0]
	1 2 3 4 5 6 7 8 9 10		1=4281; 2=5881	
*83	1=enable; [0=disable] FIRST TEST REPORT TIME	1*33	TOUCH-TONE W/ROTARY BACKUP 1=enable; 0=disable	[0]
00	[Day 00; hour 12; min 00] Days 01-07 Hours 00-23 Min 00-59;	1 * 3 4	COMM. SPLIT REPORT SELECTION	[0]
* 0 4	00 in all boxes=instant (Day 01= Monday)		0=no; 1=alarms and alarm restores primary, others secondary; 2=open/close, test secondary, others primary	marv: 3 =
* 8 4	SWINGER SUPPRESSION [15] 15] 01-15 alarms; Must be "00" (disabled) for UL.		fire alarms & troubles primary, all secondary. See	
* 8 5	ENABLE DIALER REPORTS [0]	4.1.4.5	comments if using with dual reporting.	
	FOR PANICS & DURESS 995 996 999 Duress	1*42	CALL WAITING DEFEAT	[0]
	1=enable; 0=disable	1*43	1=Yes; 0=No. PERM. KEYPAD BACKLIGHT	[0]
*87	ENTRY WARNING 1=continuous; 0=3 beeps	1 43	1=enable; 0=disable When disabled, display lights w	[0] vhen any
*88	BURG. ALARM COMM. DELAY [0]	1*44	key is pressed, and turns off after period of keypad ir	_
	1=16 seconds; 0=no delay. Must be "0" for UL Commercial Burg.	1 44	WIRELESS KEYPAD TAMPER DETECT ENABLE 1=enable; 0=disab	[0]
* 0 0	installations.		be "0" for Commercial Fire and UL installations.	ic. iviust
*89	RESTORE REPORT TIMING [0]	1 * 4 5	EXIT DELAY SOUNDING	[0]
	0=Instant; 1=After bell timeout if zone is restored; 2=when system is disarmed. Must be "0" for fire or UL Commercial Burg.		1=enable; 0=disable Produces quick beeping during if enabled.	exit delay
*90	SEC. SUBS. ACCT #	1*47	CHIME ON BELL 1	[0]
	Enter 00-09; B-F (11-15) [15 15 15]	4 * 4 0	1=enable; 0=disable	
1*17	LOBBY PARTITION [0]	1*48	WIRELESS KEYPAD ASSIGNMENT 0=disable; enter partition in which RF keypad used,	[0] 1-8 Must
	Enter the "common lobby" partition (1-8)		be "0" for Commercial Fire and UL installations.	. 5. 111051
1*18	AFFECTS LOBBY [0]	1 * 4 9	SUPPRESS TX SUPERVISION SOUND	[1]
	Enter 1 if this partition affects the common lobby; enter 0 if it does not. Must be "0" for Commercial Fire & UL		1=disable; 0=enable. Must be "0" for Commercial Fire and UL installations.	
	installations.	1*52	SEND CANCEL IF ALARM + OFF	[0]
1*19	ARMS LOBBY [0]		1=no restriction; 0=within bell timeout period only	
	Enter 1 if arming this partition attempts to arm lobby; enter 0 if it does not. Must be "0" for Commercial Fire & UL installations.			

1 * 5 3	DOWNLOAD CALLBACK [0]	2*09	OPEN/CLOSE REPORTS BY EXCEPTION [0]
	1=callback not required; 0=callback required; Must be "0" for Commercial Fire and UL installations.		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
1*57	5800 RF BUTTON GLOBAL ARM [0] Must be "0" for Commercial Fire and UL installations.		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.
1*58	5800 RF BUTTON FORCE ARM [0]	2*10	ALLOW DISARMING ONLY DURING [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.		ARMING/DISARMING WINDOWS 0=disable; 1=enable
1*60	Must be "0" for Commercial Fire and UL installations. ZONE 5 AUDIO ALARM VERIFICATION [0]		See system-wide field 2*11 if enabling field 2*10. This feature adds high security to the installation.
. 00	Enter 1 If 2-way audio (AAV) is being used; Enter 0 if it is not.	2*11	ALLOW DISARM OUTSIDE WINDOW [0] IF ALARM OCCURS
1*70	Must be "0" for Commercial Fire and UL installations. EVENT LOG TYPES		Used only if field 2*10 (partition-specific field) is set to "1". I this field is enabled ("1") the system can be disarmed outsid 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
1*71	12/24 HOUR TIME STAMP FORMAT [0] 0=12 hour; 1=24 hour	2*18	to "0" for a partition, this field has no effect for that partition. ENABLE GOTO FOR THIS PARTITION [0]
4 * 7 0	· —	2 10	1=Allow log-on from other partitions; 0=disable
1*72	EVENT LOG PRINTER ON-LINE [0] 0=disable; 1=enable	2*19	USE PARTITION DESCRIPTORS [0]
1*73	PRINTER BAUD RATE 1=300; 0=1200 [0]		0=disable; 1=enable
1*74	RELAY TIMEOUT XX MINUTES [000] Enter the relay timeout, 0-127 in multiples of 2 minutes, desired	2*20	ENABLE J2 TRIGGERS by PARTITION [1] 0=disable for displayed partition; 1=enable for displayed partition
	for #80 Menu Mode time driven event relay command numbers "04/09" and #93 Menu Mode Relay Programming output	2*21	ENABLE SUPERVISION PULSES FOR LRR
	command "56".		TRIGGER OUTPUTS [000]
1*75	RELAY TIMEOUT YY SECONDS [000]		Used for supervised connection to 7920SE. F B S
	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".		Enter 0 to disable or 1 to enable the listed outputs. F= Fire; B= Burglary; S= Silent panic/duress. Enter 1 fo Commercial Burglary and UL.
1*76	ACCESS CONTROL RELAY FOR PART.[00]	2*22	DISPLAY FIRE ALARMS OF [0]
	Relay will be pulsed for 2 seconds whenever code + 0 is pressed. Enter 00-16; 00=none. Must be "00" for Commercial		OTHER PARTITIONS 0=No; 1=Yes.
	Fire & UL	2*23	DISPLAY BURG & PANIC ALARMS OF [0]
3rd P	age Programming Fields (press *94)		OTHER PARTITIONS 0=No; 1=Yes.
2*00	NUMBER OF PARTITIONS [1]	2*24	DISPLAY TROUBLES OF OTHER [0]
2*01	Enter 1-8 DAYLIGHT SAVINGS TIME [04, 10]		PARTITIONS 0=No; 1=Yes.
2 01	START/END MONTH Start End	4th Pa	age Programming Fields (press *94)
	00-12; if no daylight savings time, enter 00,00	3*00	DISPLAY TRBL INSTEAD OF CHECK [0]
2*02	DAYLIGHT SAVINGS TIME [1, 5]	3 00	0=Check Displayed; 1=Trbl Displayed
	START/END WEEKEND # Start End Enter 1-7. 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next	2*42	
	to last; 7=3rd from last [1,5; 1st Sunday in April, last in Oct.]	3*13	SUPV. N.O./N.C. SELECTION [0]
2*05	AUTO-ARM DELAY [15]	2*44	0=Supv. on short/trouble on open; 1=supv. on short or open
	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	3*14	WATERFLOW SILENCE OPTION [1]
	minutes 00=instant; [15=no auto arm at all]. When this delay expires, the Auto-Arm Warrning Period begins.		0=Silence on Code + OFF; 1=Silence when waterflow restores
2*06	AUTO-ARM WARNING PERIOD [00]	3*15	ALARM BELL SOUND [1,0] [1,0]
	This is the time during which the user is warned to exit the premises prior to the auto-arming of the system (beeps every	3*16	0=pulsed; 1=steady Bell 1 Bell 2 DELAY for ZONE TYPES 17 & 18 [00]
	15 seconds; "ALERT" displayed). Enter 01-15 minutes. 00=instant at end of arming delay .	3 10	(Waterflow & Fire Supv) Enter 00-15 times 2 seconds
2*07	AUTO-DISARM DELAY [15]	3*17	ALTERNATE FUNCTION (TAMPER) [0]
	This is the time between the end of the disarming window and the start of auto-disarming. Enter 01-14 times 4 minutes;		FOR ZONE 6 0=disabled; 1=enabled
	00=instant at end of window; 15=no auto-disarm.	3*18	EXTENDED DELAY FOR TYPES 17&18 [0]
2*08	ENABLE FORCE ARM FOR AUTO-ARM [0]	3*19	ENABLE J2 HEADER PRINTER PORT [0]
	0=disable; 1=enable		0=pins 5&9 function as per field 3*20; 1=pins 5&9 act as printer RXD & DTR

3*20	TRIGGER OUTPUTS SELECTION [0]		SUMMARY OF PROGRAMMING COMMANDS
	0= LORRA full connection & Remote Console Sounder; 1=LORRA limited conn. & Keyswitch LEDs; 2=LORRA fire only conn. & 5140LED	•	To enter program mode, enter installer code + [8] + [0] + [0]
3*21	MAX # OF DIALER ATTEMPTS [8]	•	To set standard defaults, press *97
	1-8 (3, 4 or 5 for NFPA72 compliant systems when a secondary phone number is programmed (field *34)	•	To set communication defaults, press *94 + one of the following: *80=low speed; *81=Ademco
3*30	DIALER SELECTION [1,0]		Express; *82=Ademco High Speed; *83=Ademco's
	1=enabled; 0=disabled Main Backup		Contact ID
3*31	BACKUP DIALER TOUCHTONE/ROTARY [0]	•	To change to next page of program fields, press *94
	1=TouchTone; 0=Rotary		To return to previous set of fields, press *99
3 * 5 0	ZONE TYPE RESTORE ENABLES		•
	FOR ZONE TYPES 16-18 16 17 18 1 = enabled; [0 = disabled]	•	To erase account & phone number field entries, press [*] + field number + [*]
3*57	BELL 2 & AUX. RELAY CONFIRM	•	To assign zone descriptors, press #93 +
	ARM DING Bell 2 AUX.		follow menu prompts
	1=enable; [0=disable] . Must be 1 for UL Commercial Burglary.	•	To add custom words , press #93 + follow menu prompts
3 * 5 8	BELL 2 & AUX. RELAY AC POWER	•	To enter Installer's Message, press #93 +
	LOSS ALARM 1=yes; [0=no] (must be "1" for UL)		follow menu prompts
3*59	ENABLE BELL 2 & AUX. RELAY	•	To exit program mode, press *99 OR *98: *99
	CHIME ANNUNCIATION Bell 2 AUX 1=enable; [0=disable]		allows re-access to programming mode by installer code. *98 prevents re-access to programming
3*60	BELL 2 & AUX. RELAY TIMEOUT		mode by installer code.
	00-15 times 2 minutes; 00=no timeout [00,00] Bell 2 AUX Must be minimum of 16 minutes for UL Burglary installations.		•
3 * 6 1	AUX. RELAY FUNCTION [1]		
	0=Trouble/supervisory; 1=Alarm, silenced by code + OFF 2=Smoke Detector Reset; 3=Battery Save; 4=Alarm, silenced by code + [#] + 67		
3*82	ENABLE BURG. FEATURES ON PART. 1 [1]		
	1=enable; 0=disable; "0" disables AWAY, STAY, MAX, TEST, INSTANT & CHIME functions		

3 * 8 5 ENABLE FIRE & SYSTEM ZONE BYPASS [1]

0=not enabled; 1=only installer can bypass]; 2=only installer & master user can bypass. Applies to fire zone types 9, 16, 17 & 18 and system zones 70-77. Applies to Partition 1 only.

100 MULTIPLE PARTITION PROGRAMMING Some fields are programmed for each partition (shown as shaded fields). See the PARTITION-SPECIFIC section for programming these fields. Standard default (*97) values are shown in brackets [], otherwise default = 0. *34 SECONDARY PHONE NUMBER *00 INSTALLER CODE Enter 4 digits, 0-9 [5140] *08 TEMPORAL SIREN PULSE [0] 1 = Yes; 0 = NoEnter 0-9 for each digit. Enter #11 for *, #12 for #, *09 **ENTRY DELAY #1** Partition-Specific #13 for 2 second pause. * **10** EXIT DELAY #1 Partition-Specific *35 DOWNLOAD PHONE No. * 11 ENTRY DELAY #2 Partition-Specific * 12 EXIT DELAY #2 Partition-Specific *13 BELL 1 TIMEOUT Partition-Specific * 15 KEYSWITCH ASSIGNMENT [0] Enter 0-9 for each digit. Enter #11 for *, #12 for #, #13 for 2 second pause. Enter partition in which keyswitch used, 1-8; 9=Silences bells if fire alarm *36 DOWNLOAD ID No. present; 0=disable *16 BELL 1 CONFIRMATION Partition-Specific Enter 00-09; A-F (10-15) [15 15 15 15 15 15 15 15] OF ARMING DING DOWNLOAD COMMAND ENABLES * 17 AC LOSS KEYPAD SOUNDING [0] 0 1=yes: 0=no Remote Upload Download Arm Program Program Dialer System Not Shutdwn Shutdwn Used Remote Remote Bypass Disarm *18 BELL 1 AC POWER LOSS ALARM [0] See field 1*53 for Callback disable option; [1=enable]; 1=yes; 0=no. Must be "1" for UL Commercial Burglary. 0=disable; For Commercial Fire & UL installations, all *19 RANDOMIZE AC LOSS REPORT options must be disabled. 1=randomize 10-40 min.; 2=4-6 hrs; 0=when AC loss *38 PREVENT ZONE XXX BYPASS Partition-Specific occurs. Must be "2" for Central Station and Remote * 3 9 Partition-Specific OPEN/CLOSE REPORT Station fire alarm system. FOR INSTALLER *20 VIP MODULE PHONE CODE *40 OPEN/CLOSE REPORT FOR KEYSWITCH [0] Enter 01 - 09 for the first digit; enter [00] , [00] 1=enable; 0=disable 11 for "*" or 12 for "#" for the second digit. Must be "00, 00] for Commercial Fire & UL Commercial Burg. NORMALLY CLOSED or EOLR (Zones 3-8) [1] installations. 1=N.C.loops; 0=EOLR supervision; Must be "0" for *22 KEYPAD PANIC ENABLES Partition-Specific Commercial Fire & UL. *23 MULTIPLE ALARMS Partition-Specific *42 DIAL TONE PAUSE [0] *24 IGNORE EXPANSION ZONE TAMPER 0=5 seconds; 1=11 seconds; 2=30 seconds; Must be 1=Ignore; 0=Enable tamper for RF and RPMs. Must be "0" for Commercial Fire & UL. 0 for UL if these devices are used. *43 DIAL TONE DETECTION [1] * 2 5 BURG.TRIGGER FOR RESPONSE TYPE 8 1=wait for true dial tone; 0=pause, then dial 1=enable; 0=disable RING DETECTION COUNT *26 INTELLIGENT TEST REPORTING [0] 01-14; 15=answering machine; 00=no detection. Must 1=yes, (no report sent if any other report was be "0" for Commercial Fire & UL Burglary. recently sent); 0=no. Must be "0" for Commercial Fire & UL Commercial Burglary installations. * 45 PRIMARY FORMAT [0] *27 TEST REPORT INTERVAL [024] 0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express Enter interval in hours, 001-999; 000=no report; Max. 024 for Commercial Fire & UL. * 46 LOW SPEED FORMAT (Primary) [0] *28 POWER UP IN PREVIOUS STATE [1] 0=Ademco Low Speed; 1=Sescoa/Radionics 1=yes; 0=no; "1" for UL. *47 SECONDARY FORMAT [0] *29 **QUICK ARM** Partition-Specific 0=Low Speed; 1=Contact ID; 2=Ademco High Speed; 3=Ademco Express *30 MAIN DIALER (TOUCHTONE OR ROTARY) [0] *48 LOW SPEED FORMAT (Sec.) 1=TouchTone; 0=rotary [0] *31 PABX ACCESS CODE 0=Ademco Low Speed; 1=Sescoa/Radionics *49 CHECKSUM VERIFICATION 00-09; B-F (11-15) [0] [0] PrimScndry *32 PRIM. SUBS. ACCT # Partition-Specific 1=yes; 0=no *50 SESCOA/RADIONICS SELECT [0] *33 PRIMARY PHONE NUMBER 1=Sescoa; 0=Radionics

Enter 0-9 for each digit. Enter #11 for *, #12 for #,

#13 for 2 second pause.

* 5 1	DUAL REPORTING [0]		LANEOUS WIRELESS OPTIONS
	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		1*28 - 1*32 are not applicable to Commercial r UL installations.
	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. If used with Split Reporting "3"	1*28	RF TX LOW BATTERY SOUND 1=immediate; 0=when disarmed.
	option, fire alarms and fire supervisory signals go to both primary and secondary , while all other reports go to secondary only.	1*29	RF TX LOW BATTERY REPORT ENABLE [0] 1=enable; 0=disable
* 5 2	STANDARD/EXPANDED REPORT FOR PRIMARY [0]	1*30	RF RCVR CHECK-IN INTERVAL [06] 02-15 times 2 hours; 00 disables supervision.
	Alarm Rstr Bypass Trbl Opn/Cls Low Bat 0=standard; 1=expanded; Note: Expanded overrides 4+2 format.	1*31	RF XMilTTER CHECK-IN INTERVAL [12] 02-15 times 2 hours; 00 disables transmitter supervision.
* 5 3	STANDARD/EXPANDED REPORT FOR SECONDARY [0]	1*32	RF RECEIVER TYPE [0] 1=4281; 2=5881
	Alarm Rstr Bypass Trbl Opn/Cls Low Bat 0=standard; 1=expanded; Note: Expanded overrides 4+2 format.	1*33	TOUCH-TONE W/ROTARY BACKUP [0] 1=enable; 0=disable
		1 * 3 4	COMM. SPLIT REPORT SELECTION [0]
* 79	TYPE RESTORE ENABLES 1=enable; [0=disable] FOR ZONE TYPES 1-8 *80 FOR TYPES 9/10		0=no; 1=alarms and alarm restores primary, others secondary; 2=open/close, test secondary, others primary; 3 = fire alarms & troubles primary, all secondary. See *51 for comments if using with dual reporting.
		1*42	CALL WAITING DEFEAT [0]
	1 2 3 4 5 6 7 8 9 10	1 72	
*83	FIRST TEST REPORT TIME	1*43	1=Yes; 0=No. PERM. KEYPAD BACKLIGHT Partition-Specific
	00 in all boxes=instant (Day 01= Monday)	1*44	WIRELESS KEYPAD [0]
* 8 4 * 8 5	SWINGER SUPPRESSION Partition-Specific ENABLE DIALER REPORTS Partition-Specific FOR PANICS & DURESS		TAMPER DETECT ENABLE 1=enable; 0=disable Must be "0" for Commercial Fire & UL installations.
*87 *88	ENTRY WARNING Partition-Specific BURG. ALARM COMM. DELAY Partition-Specific	1*45	EXIT DELAY SOUNDING Partition-Specific
*89	RESTORE REPORT TIMING [0] 0=instant; 1=at bell timeout; 2=at diarm. Must be "0" for fire or	1*47	CHIME ON BELL 1 Partition-Specific
*90	UL Installations. 2nd SUBS. ACCT #	1*48	WIRELESS KEYPAD ASSIGNMENT [0] 0=disable; enter partition in which RF keypad used, 1-8. Must be "0" for Commercial Fire & UL installations.
1*17	LOBBY PARTITION [0]	1*49	SUPPRESS TX SUPERVISION SOUND [1]
	Enter the "common lobby" partition (1-8)		1=disable; 0=enable. Must be "0" for Commercial Fire & UL
1*18	AFFECTS LOBBY Partition-Specific	1*52	installations. SEND CANCEL IF ALARM + OFF Partition-Specific
1*19	ARMS LOBBY Partition-Specific	1*53	·
1*20	EXIT ERROR LOGIC 0=No, 1=Bypass E/E and Interior zones faulted after	1 55	DOWNLOAD CALLBACK [0] 1=callback not required; 0=callback required; Must be "0" for Commercial Fire & UL installations.
	exit delay. Must be "0" for UL Commercial Burglary.	1*57	5800 RF BUTTON GLOBAL ARM [0]
1 * 2 1			Enter "1" to have the system arm/disarm following the button user's global arm settings. Enter "0" if the button is not to be
	0=No; 1=Resets Exit Delay to 60 seconds after zone is closed. Must be "0" for Commercial Fire and U	L 1*58	used to global arm the system. Must be "0" for Commercial Fire & UL installations.
	installations.	1 50	5800 RF BUTTON FORCE ARM [0]
linked	S 1*22-1*25: Allow four sets of two zones each to be so that both must fault within a five minute period to		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 disabled for UL Listed installations.
	an alarm. Must be 0 for UL Burglary.	1*60	ZONE 5 AUDIO ALARM VERIFICATION [0]
1*22 1*23			Enter 1 If 2-way audio (AAV) is being used; Enter 0 if it is not. Must be "0" for Commercial Fire & UL installations.
1*24		1*70	EVENT LOG TYPES
1*25	CROSS-ZONING PAIR FOUR	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=12	200 [0]	4th Pa	age Programming Fields (press *94)
1 * 7 4	RELAY TIMEOUT XX MINUTES	[000]	3*00	DISPLAY TRBL INSTEAD OF CHECK [0]
	Enter the relay timeout, 0-127 in multiple for #80 Menu Mode time driven event re	es of 2 minutes, desired elay command numbers		0=Check Displayed; 1=Trbl Displayed
	"04/09" and #93 Menu Mode Relay Programmend "56".	gramming output	3*13	SUPV. N.O./N.C. SELECTION [0]
1*75	RELAY TIMEOUT YY SECONDS	[000]		0=Supv. on short/trouble on open; 1=supv. on short or open
	Enter the relay timeout, 0-127 seconds, Mode time driven event relay command		3*14	WATERFLOW SILENCE OPTION [1]
4 * 7 C	#93 Menu Mode Relay Programming c	ommand "57".		0=Silence on Code + OFF; 1=Silence when waterflow
1*76	ACCESS CONTROL RELAY FOR PARTITION	Partition-Specific		restores. This feature may only be set to "1" by permission of the local authority.
			3*15	ALARM BELL SOUND [1,0]
3rd Pa	age Programming Fields ((press *94)		0=pulsed; 1=steady Bell 1 Bell 2
2*00	NUMBER OF PARTITIONS	[1]	3*16	DELAY for ZONE TYPES 17 & 18 [00] (Waterflow & Fire Supv) Enter 00-15 times 2 seconds
2*01	Enter 1-8 DAYLIGHT SAVINGS TIME [04, 1	101	3*17	ALTERNATE FUNCTION (TAMPER) [0]
2 0.	START/END MONTH	Start End		FOR ZONE 6 0=disabled; 1=enabled
2*02	00-12; if no daylight savings time, enter		3*18	EXTENDED DELAY FOR TYPES 17&18 [0]
2*02	DAYLIGHT SAVINGS TIME START/END WEEKEND #	[1, 5]	3*19	ENABLE J2 HEADER PRINTER PORT [0]
	Enter 1-7. 1=first; 2=second; 3=third; 4 to last; 7=3rd from last [1,5; 1st Sunday	=fourth; 5=last; 6=next		0=pins 5&9 function as per field 3*20; 1=pins 5&9 act as printer RXD & DTR
2*05	AUTO-ARM DELAY	Partition-Specific	3*20	TRIGGER OUTPUTS SELECTION [0]
2*06	AUTO-ARM WARNING PERIOD	Partition-Specific		0= LORRA full connection & Remote Console Sounder; 1=LORRA ilmited conn. & Keyswitch LEDs; 2=LORRA fire
2*07	AUTO-DISARM DELAY	Partition-Specific		only conn. & 5140LED
2*08	ENABLE FORCE ARM FOR	Partition-Specific	3*21	MAX # OF DIALER ATTEMPTS [8] 1-8 (3, 4 or 5 for NFPA72 compliant systems when a secondar
	AUTO-ARM	·		phone number is programmed (field *34)
2*09	ENABLE OPEN/CLOSE REPORT BY EXCEPTION	TS Partition-Specific	3*30	DIALER SELECTION [1,0]
2*10	ALLOW DISARMING ONLY	Partition-Specific	3*31	1=enabled; 0=disabled Main Backup BACKUP DIALER TOUCHTONE/ROTARY [0]
	DURING ARMING/DISARMING V			1=TouchTone; 0=Rotary
2*11	ALLOW DISARM OUTSIDE WIND	OOW [0]	3*50	ZONE TYPE RESTORE ENABLES
	IF ALARM OCCURS Used only if field 2*10 (partition-speci	fic field) is set to "1" If		FOR ZONE TYPES 16-18 16 17 18 Must be "1" for Commercial Fire & UL installations.
	this field is enabled ("1") the system ca the disarm window if an alarm has occ	an be disarmed outside	3*57	BELL 2 & AUX. RELAY Partition-Specific
	can only be done during the disarm wir to "0" for a partition, this field has no effective or the control of th	ndow. If field 2*10 is set	0 + 5 0	CONFIRMATION OF ARM DING
	to o for a partition, the hold had no one	·	3*58	BELL 2 & AUX. RELAY AC POWER
2*18	ENABLE GOTO FOR THIS	Partition-Specific	3*59	LOSS ALARM 1=yes; [0=no] Bell 2 AUX.Relay ENABLE BELL 2 & AUX. RELAY Partition-Specific
0 * 4 0	PARTITION	ro1		CHIME ANNUNCIATION
2*19	USE PARTITION DESCRIPTORS 0=disable; 1=enable	[0]	3*60	BELL 2 & AUX. RELAY TIMEOUT Partition-Specific
2*20	ENABLE J2 TRIGGERS	Partition-Specific	3*61	AUX. RELAY FUNCTION 0=Trouble/supervisory; 1=Alarm, silenced by code + OFF
	FOR THIS PARTITION			2=Smoke Detector Reset; 3=Battery Save; 4=Alarm, silenced by code + [#] + 67
2*21	ENABLE SUPERVISION PULSES		3*82	ENABLE BURG. FEATURES ON PART. 1 [1]
	TRIGGER OUTPUTS	[000]		1=enable; 0=disable; "0" disables AWAY, STAY, MAX, TEST, INSTANT & CHIME functions
	Used for supervised connection to 7920 Enter 0 to disable or 1 to enable the liste	ed outputs.	2*05	
	F= Fire; B= Burglary; S= Silent panic/c Commercial Fire & UL.	duress. Must be "1" for	3*85	ENABLE FIRE & SYSTEM ZONE BYPASS [1] 0=not enabled; 1=only installer can bypass]; 2=only installer
2*22	DISPLAY FIRE ALARMS OF OTHER PARTITIONS	Partition-Specific		& master user can bypass. Applies to fire zone types 9, 16, 17 & 18 and system zones 70-77. Applies to Partition 1 only.
2*23	DISPLAY BURG & PANIC ALARMS OF OTHER PARTITION	Partition-Specific S		
2*24	DISPLAY TROUBLES OF OTHER PARTITIONS	Partition-Specific		

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).

Enter 1 if this partition affects the common lobby;

enter 0 if it does not.

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

	PARTITIO	N #	PROGI	RAM FIELDS	
1st F	Page Fields		1*19	ARMS LOBBY	[0]
*09	ENTRY DELAY #1 00-15 times 15 seconds Maximum 03 for UL Listed installations.	[02]		Enter 1 if arming this partition attempts to arm lobby enter 0 if it does not	;
*10	EXIT DELAY #1	[03]	2nd Pa	age Fields	
	00-15 times 15 seconds Maximum 04 for UL Listed installations.		1*43	PERM. KEYPAD BACKLIGHT	[0]
*11	ENTRY DELAY #2	[06]		1=enable; 0=disable When disabled, display lights with key is pressed, and turns off after period of keypad in	
	00-15 times 15 seconds Maximum 03 for UL Commercial Burglary install		1 * 4 5	EXIT DELAY SOUNDING	[0]
*12	EXIT DELAY #2	[08]		1=enable; 0=disable Produces quick beeping during delay if enabled.	exit
	00-15 times 15 seconds		1*47	CHIME ON BELL 1	[0]
*13	Maximum 04 for UL Commercial Burglary install BELL 1 TIMEOUT	[04]		1=enable; 0=disable	
13	01-15 times 2 minutes. Minimum 16 minutes for		1*52	SEND CANCEL IF ALARM + OFF	[0]
	Burglary and 6 minutes for Commercial Fire inst			1=no restriction; 0=within Bell Timeout period only	
* 1 6	CONFIRMATION OF ARMING DING	[0]	1*76	ACCESS CONTROL RELAY FOR PART. [00	-
* 0 0	1=enable; 0=disable. Must be "1" for UL Comme installations.	erciai Burgiary		Relay will be pulsed for 2 seconds whenever code + pressed. Enter 00-16; 00=none. Must be "00" for Confirm & UL.	[0] is ommercial
*22	KEYPAD PANIC ENABLES [001]				
	1=enable; 0=disable 995	996 999	3rd Pa	ge Fields	
*23	MULTIPLE ALARMS	[1]	2*05	AUTO-ARM DELAY	[15]
*29	1=yes; 0=no. Enter 1 for Commercial Fire & UL Burglary installations. QUICK ARM	Commercial [1]		Enter the time between the end of the arming window start of auto-arming warning period, in values of 1-1-minutes 00=instant; [15=no auto arm at all]. When the	4 times 4
	1=yes; 0=no	[-]		expires, the Auto-Arm Warrning Period begins.	
*32	PRIM. SUBS. ACCT#		2*06	AUTO-ARM WARNING PERIOD	[00]
	Enter 00-09; B-F (11-15) [15 15 15 15]			This is the time during which the user is warned to e premises prior to the auto-arming of the system (ber 15 seconds; "ALERT" displayed). Enter 01-15 minut	eps every
*38	PREVENT ZONE XXX BYPASS [00: 001-087; 00 if all zones (except Fire zones) can be			00=instant at end of arming delay.	
*39	ENABLE OPEN/CLOSE REPORT	[0]	2*07	AUTO-DISARM DELAY	[15]
	FOR INSTALLER CODE 1=enable; 0=disable	[∨]		This is the time between the end of the disarming winth the start of auto-disarming. Enter 01-14 times 4 minuted one instant at end of window; 15=no auto-disarm.	ndow and utes;
*84	SWINGER SUPPRESSION	[15]	2*08	ENABLE FORCE ARM FOR AUTO-ARM	[0]
	01-15 alarms; Must be "00" (disabled) for Comminstallations	ercial Fire & UL		0=disable; 1=enable.	
*85	ENABLE DIALER REPORTS [0]		2*09	OPEN/CLOSE REPORTS BY EXCEPTION	[0]
		96 999 Duress	3	1=enable; 0=disable; If enabled, only openings and occurring outside the scheduled opening/closing wir trigger dialer reports. Opening reports will also be su	dows will appressed
*87	ENTRY WARNING 1=continuous; 0=3 beeps	[1]		during the closing window, in order to prevent false in when the user arms the system and then reenters the to retrieve a forgotten item.	
*88	BURG. ALARM COMM. DELAY	[0]	2*10	ALLOW DISARMING ONLY DURING	[0]
	1=16 seconds; 0=no delay. Must be "0" for UL C installations.	Commercial Burgla	ry	ARMING/DISARMING WINDOWS See system-wide field 2*11 if enabling field 2*10. The adds high security to the installetion.	nis feature
*90	SEC. SUBS. ACCT#			0=disable; 1=enable	F
	Enter 00-09; B-F (11-15) [15 15 15 15]		2*18	ENABLE GOTO FOR THIS PARTITION	[0]
*18	AFFECTS LOBBY	[0]		1=Allow log-on from other partitions; 0=disable	

2*20	ENABLE J7 TRIGGERS by PARTITION	[1]	SUMMARY OF PROGRAMMING COMMANDS
	0=disable for displayed partition; 1=enable for partition	or displayed	• To enter program mode, enter installer code + [8] + [0] + [0]
2*22	DISPLAY FIRE ALARMS OF	[0]	• To set standard defaults, press *97
	OTHER PARTITIONS 0=No; 1=Yes		• To set communication defaults, press *94 + one of the following: *80=low speed; *81=Ademco
2*23	DISPLAY BURG/PANIC ALARMS OF OTH	HER	[0] Express; *82=Ademco High Speed; *83=Ademco's
	PARTITIONS		Contact ID
	10=No; 1=Yes		 To change to next page of program fields,
2*24	DISPLAY TROUBLES OF OTHER	[0]	press *94
	PARTITIONS 0=No: 1=Yes		To return to previous set of fields, press *99
	,		To erase account & phone number field antries proces [*] field number [*]
4th Pa	ge Fields		entries, press [*] + field number + [*]
3*57	BELL 2 & AUX. RELAY CONFIRM		 To assign zone descriptors, press #93 + follow menu prompts
	ARM. DING 1=enable; [0=disable] Must be "1" for UL.	Bell 2 Relay	• To add custom words, press #93 + follow menu
	Must be 1 101 OL.		prompts
3*59	ENABLE BELL 2 & AUX. RELAY		• To enter Installer's Message, press #93 +
	CHIME ANNUNCIATION	Bell 2 Relay	follow menu prompts
	1=enable; [0=disable]		• To exit program mode, press *99 OR *98: *99
3*60			allows re-access to programming mode by installer
	00-15 times 2 minutes; 00=no timeout [00,00] Be Minimum 16 min. for UL Burglary installations.	II 2 Relay	code. *98 prevents re-access to programming mode by installer code.

PROGRAMMING WITH #93 MENU MODE

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

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

ZONE PROG? 0=No 1=Yes For programming the following:

- Zone Number
- Zone Response Type
- Hardwired zone
- RF Zone
- Right/left Loop Zone
- Serial number RPM zone
- Partition Number for Zone
- Dialer report code for zone

SERIAL PROG? 0=no 1=yes For entering (learning) 5800 transmitter & serial number polling loop device serial numbers into the system.

REPORT CODE PROG 0 = no; 1 = yes

For entering report codes for zones and all system conditions.

ALPHA PROG? 0=no 1=yes For entering alpha descriptors for the following:

- Zone Descriptors
- Installer's Message
- Custom Words
- Partition Descriptors
- Relay Descriptors

DEVICE PROG? 0=no 1=yes For defining the following device characteristics for addressable devices, including consoles, RF receivers (4281/5881), 4285 voice module and 4204 output relay modules:

- Device Address
- Device Type
- Device's Home Partition
- Console Options
- Voice Module

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

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

CUSTOM INDEX #? 0=no 1=yes

For creating custom word substitutes for voice module annunciation.

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

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 Arm	ing Partition Assigni	ment (1-8 or	9):					
Wireless Keypa	Wireless Keypad Partition Assignment (1-8):							
Voice Module F	Voice Module Partition Assignment (1-8):							
Use Partition D	escriptor (yes/no)?							
Common Lobb	y Partition Assignm	ent (1-8):						

COMMUNICATION OPTIONS BY PARTITION (enter yes/no)								
Option	part 1	part. 2	part. 3	part. 4	part. 5	part. 6	part. 7	part. 8
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 B	Y PAF	RTITION	l (ente	r value	s or y	es/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 95 (* + 1)								
Console Panic for zone 96 (# + 3)								
Console Panic for zone 99 (* + #)								
Allow Sign-on (GOTO function)								
Non-Bypassable Zone*								
Sounder Timeout Duration for Bell 1 (2 min. increments)								
Sounder Timeout Duration for Bell 2 & Aux Rly (2 min. increments)								
Console Annunciation During Entry**								
Console Annunciation During Exit								
Confirmation of Arming Ding for Bell 1								
Confirmation of Arming Ding for Bell 2 & Aux Rly								
Chime on Bell 1								
Chime on Bell 2 & Aux Relay								
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 1-87.
**no= 3 beeps yes=continuous

			DEV	ICES (Co	nsoles,	4204, e	etc.)		
Device Address	Туре	Home Partition	Sounder Option	Supervised CF?	Device Address	Type	Home Partition	Sounder Option	Supervised CF?
00			·		16			•	
01					17				
02					18				
03					19				
04					20				
05					21				
06					22				
07					23				
08					24				
09					25				
10					26				
11					27				
12					28				
13					29				
14					30				
15					31				

Type:

0 = device not used 1 = alpha console

2 = fixed-word console

3 = RF receiver

4 = Output Relay module

5 = Voice 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

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

		ACC			& USE	& USER DEFINITIONS FOR PARTITIONS 4-6										
4-digit Security Code	Access			ion 4	. ,			tion 5	. ,		Partit		. ,			
Security	Group 0; 1-8	2-digit		Auth.	open/	2-digit	Global	Auth.	open/	2-digit user#	Global	Auth.	open/			
Code	0; 1-8	user#	Arm?	level	close	user#	Arm?	level	close	user#	Arm?	level	close			
-																

				& USEF	R DEFII			PARTIT	TIONS 7 & 8
4-digit Security Code	Access Group 0; 1-8	2-digit user#	t ion 7 Auth. level	open/ close	2-digit user#	Partit Global Arm?	t ion 8 Auth. Ievel	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)

No. Paris RF Trans. Type RPM RPM No. RPM						ZO	NE D	DEFIN	ITION	IS FO	OR ZOI	NES 1-24
1		Zone Type	tion	RF	UR	BR	RPM left	RPM right	Ser. RPM [†]	Hard Wired	Report Code	Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) &
3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 7							•					
4 8 9	2											
5 8 9	3											
6 8 8 1	4											
7 8 9 10 <td>5</td> <td></td>	5											
8 9 8 9 9 8 9	6											-
9	7											
10 10 10 10 10 10 10 10 10 10 10 11 <td< td=""><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	8											
11 12 13 14 15 16 17 <td< td=""><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	9											
12 13 14 15 16 17 <td< td=""><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	10											
12 13 14 15 16 17 <td< td=""><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	11											
13												
14												
15 1												
16												
17 18 19 10 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>												
18												
19 </td <td></td>												
20												
21												
22												
23												
24	23											
	24											

				ZO	NE D	EFINI	ITION	S FO	R ZON	IES 25-48
					DIP	DIP				†Enter loop number on module
Zone No.	Zone Type	RF T RF (3)	rans. T UR (4)	ype [†] BR (5)	RPM	RPM	Ser.	Hard Wired	Report Code	Loop number must be 1 for hardwire and DIP devices)
25					•					
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										

				ZO	NE D	EFIN	ITION	S FO	R ZON	IES 49-72
					DIP	DIP				† Enter loop number on module
Zone No.	Zone Type	RF T RF (3)	rans. T UR (4)	ype [†] BR (5)	RPM left loop	RPM right loop	Ser. RPM [†]	Hard Wired	Report Code	Loop number must be 1 for hardwire and DIP devices) Zone Information (part numbers) & Alpha Descriptor (3 words max.)
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
69										
70										
71										
72										

					ZO		EFIN	ITION	S FC	R ZON	NES 73-86
		Parti-	RF T	rans. T	_{vpe} †	DIP RPM	DIP RPM				† Enter loop number on module Loop number must be 1 for hardwire and DIP devices)
Zone No.	Zone Type	tion	RF (3)	UR (4)	BR (5)	left loop	right loop	Ser. RPM [†]	Hard Wired	Report Code	Zone Information (part numbers) & Alpha Descriptor (3 words max.)
73											-
74											
75											
76											
77											
78											-
79											
80											
81											
82											
83											-
84											
85											
86											
87											

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

16=Fire w/Verification

10=interior (delay)

17=Fire Supervisory 18=Fire Supervisory

19=24 hour trouble 20=arm stay

21=arm away 22=disarm

23=no alarm response

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

EVENT LOG TYPES										
Option	No (4)	Yes (4)								
Alarm										
Trouble										
Bypass										
Open/Close										
System										
Test Report										



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