ReadyGuard

Security System



Programming Form



N8890-1 9/98

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Refer to the Installation Instructions for detailed information on programming the ReadyGuard system, including full descriptions of all data fields.

Unless noted otherwise, model numbers represent Ademco products.

TO ENTER PROGRAMMING MODE:

- Power up, then depress [★] and [#] both at once, within 50 seconds of powering up.
 OR
- 2. For factory defaulted system, enter: Installer Code (4 + 1 + 1 + 2) plus 8 + 0 + 0. OR If different Installer Code is programmed, enter: New Installer Code + 8 + 0 + 0. (if *98 was used to exit previously, method 1 above must be used to enter the program mode again)
- 3. Upon entry into Program mode, data field *20 will be displayed (the first data field in the system) and both keypad LEDs will flash.

TO PROGRAM THE DATA FIELDS:

- 1. Press [*] followed by the desired field number (e.g., *21), then make the required entry.
- 2. The keypad beeps three times after entering data, then displays the next data field in sequence.
- 3. For phone number and account number fields, press [*] to end the entry if less than maximum number of digits is entered.
- 4. To delete an entry, simply press [*] plus that field number and reenter the correct data. For phone number and account number fields *40-*44, *88, and *94, press [*] + field number + [*].

INTERACTIVE MENU MODES:

There are six interactive menu modes as listed below. To enter these modes, first enter Program mode. While in Program mode, press [*] plus the mode number desired (e.g., *56).

*56 Zone Programming	For programming zone characteristics, report codes, etc.
*80 Device Programming	For programming Powerline Carrier Devices
*81 Zone List Programming	For programming zone lists for use with Powerline Carrier Devices
*83 Sequential Mode	For entering transmitter serial numbers
*84 Assign Zone Voice Descriptors	For assigning voice descriptors to zones
*85 Record Custom Voice Descriptors	For recording custom voice descriptors

TO LOAD A DEFAULT SET:

While in Program mode, press *97, then enter a number 1-5 corresponding to the default table desired. See the Installation Instructions for the default tables. Enter 0 to exit *97 without loading a default table.

TO EXIT PROGRAMMING MODE:

- ★98 Exits programming mode and *prevents* re-entry by: Installer Code + 8+ 0 + 0. If ★98 is used to exit programming mode, system must be powered down, then press [*] and [#] within 50 seconds of power up to re-enter programming mode.
- ★99 Exits programming mode and *allows* re-entry by: Installer Code + 8 + 0 + 0 or: Power-up, then press [*] and [#] within 50 seconds of power up.

ReadyGuard Data Fields

Field	Function	Programmed Values [] = Table 1 Default Values							
SYSTEM SETUP (* 20- * 30)									
*20	INSTALLER CODE	Enter 4 digits, 0–9							
*21	QUICK ARM ENABLE	t [1] 0 = no; 1 = yes							
*22	KEYPAD BACKLIGHT TIMEOUT	[0] 0 = none (backlighting always on); 1 = backlight off after 10secs							
*23	FORCED BYPASS	† [0] 0 = none; 1 = bypass open zones UL installations = 0							
*24	RF HOUSE ID CODE	[00] 00 = disable all wireless keypad usage; 01–31 = 5827/5827BD/5804BD house ID							
*25	POWERLINE CARRIER DEVICE HOUSE CODE	[0] 0 = A; 1 = B, 2 = C, 3 = D, 4 = E, 5 = F, 6 = G, 7 = H, 8 = I, 9 = J, #10 = K, #11 = L, #12 = M, #13 = N, #14 = O, #15 = P							
*26	CHIME BY ZONE	t [1] 0 = no; 1 = yes (program zones to chime on zone list 3)							
*27	REAL TIME CLOCK DISPLAY	t _[1] 0 = no; 1 = yes, display time on keypad							
*29	DAYLIGHT SAVING TIME START/END MONTH	[4, 10] Start End 1-9, #+10,#+11,#+12. Enter 0,0 if no daylight savings time used.							
*30	DAYLIGHT SAVING TIME START/END WEEKEND	Start End 0 = disable; 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next to last; 7=third from last							
ZONE	E SOUNDS AND TIMING (★ 31- ★ 39								
*31	SINGLE ALARM SOUNDING/ZONE	1 = yes, limit once per arming period; 0 = no limit; UL installations = 0							
*32	FIRE SOUNDER TIMEOUT								
⊁33	ALARM BELL TIMEOUT	† [1]							
		0 = none; 1=4 min; 2=8 min; 3=12 min; 4 = 16 min; UL installations = 1 (4 min) minimum							
† Ent	ry of a number other than one specified	d will give unpredictable results.							

Field	Function Pr	ogrammed Values	[] = Table 1 Default Value		
*34	EXIT DELAY	[70]			
		00-99 = exit delay time (in secon UL installations = 60 seconds ma	·		
*35	ENTRY DELAY 1 (zone type 01)	[_[30]			
		00-99 = entry delay time (in seconds materials)			
*36	ENTRY DELAY 2 (zone type 02)	† _[60]			
		00-99 = entry delay 2 time (in se UL installations = 45 seconds ma			
*37	AUDIBLE EXIT WARNING /	† _[1, 1]			
	QUICK EXIT	Exit Warn Quick Exit 0 = no; 1 = yes			
*38	CONFIRMATION OF ARMING DING	 † [0]			
		0 = no; 1 = yes (when armed by 2 = yes (when armed by RF key			
* 39	POWER UP IN PREVIOUS STATE	<u> </u>			
		0 = no; 1 = yes; UL installations	= 1		
† Entr	ry of a number other than one specified wi	ill give unpredictable results.			
In field	ER PROGRAMMING (* 40– * 53) ds *40, *41, *42, enter up to the number for '#'; #+13 for a pause.	r of digits shown. Do not fill unused	d spaces. Enter 0–9; #+11 for '★';		
*40	PABX ACCESS CODE				
		Enter 6 digits. If fewer than 6 dig pressing ★ advances to the next press ★40★.	its are entered, field. To clear entries from field,		
*41	PRIMARY PHONE No.				
		Enter up to 20 digits; Do not fill u	inused spaces. If fewer than 20		
		digits entered, pressing ★ advarentries from field, press ★ 41★.			
		entitles from fileta, press 4 414.			
*42	SECONDARY PHONE No.				
		Enter up to 24 digits; Do not fill udigits entered, pressing ★ advan	· · · · · · · · · · · · · · · · · · ·		
		entries from field, press ★42★.			
	elds *43 , *44:	D: #114 for E: [#115 for E] Ento	r > ac 4th digit if 2.1 diglar		
	0–9; #+11 for B; #+12 for C; #+13 for ing is to be used. If only 3 digits used, pre	-	<u> </u>		
To clear entries from field, press ★43★ or ★44★ .Examples:					
For A	cct. 1234 , enter: 1 2 3 4 ; For	Acct. B234 , enter: #+11 2 3	4		
For A	cct. 123 , enter: 1 2 3 ★				

Field	Function	Programmed Values	[] = Table 1 Default Value
*43	PRIMARY SUBS ACCT #	See note of	on previous page
*44	SECONDARY SUBS ACCT #	See note of	on previous page
*47	PHONE SYSTEM SELECT		S line: 0 = Pulse Dial; 1 = Tone Is line: 2 = Pulse Dial; 3 = Tone
* 48	REPORT FORMAT for PRIM./SEC.	[7, 0]	
	 0 = 3+1, 4+1 ADEMCO L/S STAN 1 = 3+1, 4+1 RADIONICS STAND 2 = 4+2 ADEMCO L/S STANDAR 3 = 4+2 RADIONICS STANDARD 	DARD 7 = ADEMO 8 = 3+1, 4+	ined = 4+2 ADEMCO EXPRESS CO CONTACT ID REPORTING -1 ADEMCO L/S EXPANDED -1 RADIONICS EXPANDED
*49	SPLIT/DUAL REPORTING	[0] 0 = Disable (Backup report onl	(v/)
		`	
		TO PRIMARY PHONE No. 1 = Alarms, Restore, Cancel 2 = All except Open/Close, Test 3 = Alarms, Restore, Cancel 4 = All except Open/Close, Test 5 = All	AII AII AII
A 7-dig sent to followe See Ins the pag AAA	00 = always displayed	6 = All except Open/Close le, 7 = All reports 8 = All reports 9 = All except Open/Close	·
*50	15 SEC DIALER DELAY (BURG)	t [0] 0 = no; 1 = yes; UL installation:	s = 0
⊁51	PERIODIC TEST REPORT	† [O]	
		0 = none; 1 = 24 hours; 2 = we in field *64)	ekly; 3 = 30 days (enter Test Code
*52	FIRST TEST REPORT OFFSET	<u> </u>	
		0 = 24 hour; $1 = 6$ hours; $2 = 1$ report from power up/programs	2 hours; 3 = 18 hours (Time to 1st ming or downloading).
* 53	SESCOA/RADIONICS SELECT	[0]	
		0 = Radionics (0–9, B–F report reporting). Select 0 for all other	
* 56	ZONE PROGRAMMING	See procedure later in this form	n and refer to the Inst. Instr.
* 58	RF JAM DETECT	[0]	
		0 = no RF Jam Detection; 1 = l	RF Jam Detect on, no CS report; report (if trouble/restore report is
† Entr	y of a number other than one specified	will give unpredictable results.	

With "#+1: A "0 A "0 With A "0 With Seco	a 3+1 or 4+1 Standard Format: Enter a code 2" for C, "#+13" for D, "#+14" for E, "#+15" for D" (not "#+10") in the first box will disable a report (not "#+10") in the second box will result in a an Expanded or 4+2 Format: Enter codes in " (not "#+10") in the second box will eliminate " (not "#+10") in both boxes will disable the report (not "#+10") in Both boxes will disable the report (not "#+10") in the first box will disable the report (not "#+10") in the first (not "#+10") in the f	ort. automatic advance to the next field when programming. both boxes (1st and 2nd digits) for 1–9, 0, or B–F, as described above. the expanded message for that report. port. git (other than "0") in the first box, to enable zone to report (entries in the
Exan	nples: For Code 3 (single digit), enter:	3 0
	For Code 3 2 (two digits), enter:	3 2
	For Code B 2 (Hexadecimal), enter:	<u>#+11 2</u>
Field	EM STATUS REPORT CODES (*59–*68) Function Pr) ogrammed Values [] = Table 1 Default Value
* 59	EXIT ERROR REPORT CODE	[1] 2nd digit is automatically sent as 2nd digit of the zone alarm report code programmed in *56, if expanded or 4+2 reporting is selected.
⊁60	TROUBLE REPORT CODE	[1,0]
⊁ 61	BYPASS REPORT CODE	[1,0]
*62	AC LOSS REPORT CODE	[1,0]
*63	LOW BAT REPORT CODE	[1,0]
⊁64	TEST REPORT CODE	[1,0]
* 65	OPEN REPORT CODE	
*66	ARM AWAY/STAY RPT CODE	The second of th
*67	RF XMTR LOW BAT REPORT CODE	[1,0]
⊁68	CANCEL REPORT CODE	[1,0]
RES1	ORE REPORT CODES (*70–*76)	
*70	ALARM RESTORE RPT CODE	[1] 2nd digit is automatically sent as 2nd digit of the zone alarm report code programmed in *56, if expanded or 4+2 reporting is selected.
*71	TROUBLE RESTORE RPT CODE	[1,0]
*72	BYPASS RESTORE RPT CODE	[1,0]
*73	AC RESTORE RPT CODE	[1,0]
*74	LOW BAT RESTORE RPT CODE	[1,0]
⊁75	RF XMTR LO BAT RST RPT CODE	[1,0]
* 76	TEST RESTORE RPT CODE	[1,0]
⊁80 F	PUT AND SYSTEM SETUP (*80–*92) POWERLINE CARRIER DEVICES ZONE LISTS FOR DEVICES	Program *80 and *81 only if Powerline Carrier Devices or chime by zone are to be used. See procedure later in this manual.

★83 SEQUENTIAL MODE: See procedure later in this manual.

★84 ASSIGN ZONE VOICE DESCRIPTORS. See procedure later in this manual.

★85 RECORD CUSTOM VOICE DESCRIPTORS. See procedure later in this manual.

Field	Function P	Programmed Values [] = Table 1 Default Value
*87	AUX FUNCTION/ 1-BUTTON PAGING	G [0] 0 = Aux key performs defined function (macro); 1 = Aux key sends message (999-9999) to pager If 1, you must also select an option 6-9 in field *49.
* 88	PAGER CHARACTERS	Up to 16 digits can be entered that will appear in front of the 7-digit pager message sent by the control (either upon system event or upon pressing AUX key [if programmed for paging]; see field *87 and *49 for other options regarding the paging feature). See the Installation Instructions (fields *87, *88 and *49) for full descriptions of the paging feature.
		You do not need to fill all 16 digits (press [*] to advance to the next field). To clear entries, press *88*. To enter "*" = [#] + [11]; To enter "#" = [#] + 12] To enter 2-second pause = [#] + [13] (some pagers require an additional delay [associated to be added to the pagers.)
* 89	EVENT LOG 80% FULL RPT CODE	additional delay [pause] in order to receive the entire message) [0,0]
*90	EVENT LOGGING	[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	FUTURE USE	[0] Must be 0. If inadvertently enabled, the Contact ID event code 606 may be sent to the central station after an alarm report.
⊁ 92	No. OF REPORTS IN ARMED PERIO	
DOW	NLOAD INFORMATION (*93,*94,*95)	OL Installations = 1
*93	FLEXIBLE CALLBACK	[0]
*94	DOWNLOAD PHONE No.	0 = No flexible callback; 1 = Last digit flexible; 2 = Last 2 digits flexible; 3 = Last 3 digits flexible
		Enter up to 20 digits, 0–9; #+11 for '*'; #+12 for '#'; #+13 for a pause. D not fill unused spaces. If fewer than 20 digits entered, pressing * advances to the next field. To clear entries from field, press *94*. Note: In UL installations, downloading may only be performed if a technician is at the site.
* 95	RING DETECT COUNT FOR	[0]
	DOWNLOADING	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)

- **★96** INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DOWNLOAD: No entry required.
- *97 SELECT 1 OF 5 DEFAULT OPTION SETUPS. Enter 1-5 to select from default tables 1-5. Enter 0 to abort.
- **★98** EXITS PROGRAMMING MODE AND PREVENTS RE-ENTRY by: Installer Code +8+0+0.

If ★98 is used to exit programming mode, you must press "★" and "#" within 50 seconds of power up or from exiting Programming mode to re-enter Programming mode.

★99 EXITS PROGRAMMING MODE AND ALLOWS RE-ENTRY by: Installer Code + 8 + 0 + 0 or: Power-up, then press "★" and "#" within 50 seconds of power up or from exiting Programming mode.

After exiting Program mode, the system takes up to 1 minute to reset. To bypass the reset delay, press [#] + [0].

*56 ZONE PROGRAMMING PROCEDURE

Use this mode to program zone information. Press *56 while in programming mode.

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

R 01

ZONE NUMBER

Enter the 2-digit zone number to be programmed: • Zone 1 = hard wire zone

• Zones 2-25 = RF transmitter zones

00 = exit zone programming mode; • Zone 26-41 = RF button zones

upon exiting, the prompt "56" blinks; press [*] + any field number to go to that field.

b zt

ZONE TYPE

Enter the 2-digit zone type (zt) for this zone (see table of zone types on worksheet page 13).

[*] = Continue

[#] = Return to previous prompt

[rc

REPORT CODE

Enter the report code (rc) for this zone.

Report consists of 2 hexadecimal digits, each of which consist of 2 numerical digits (A = 10, B = 11, C =

12, D = 13, E = 14, F = 15; see Report Code description on page 6 for explanation of codes).

[*] = Continue; If this is zone 1, the system skips to the VOICE DESCRIPTOR prompt (1C)

[#] = Return to previous prompt

d i

INPUT TYPE

Enter the input type (i) for the transmitter assigned to this zone as follows:

3 = Supervised RF (RF) [*] = Continue

4 = Unsupervised RF (UR) [#] = Return to previous prompt

5 = Button type (BR)

E 1L

LOOP NUMBER

Enter the loop number (*I*) for this zone. If "L" is displayed, the serial number for this transmitter has already been entered. You can keep the serial number and skip to the VOICE DESCRIPTOR prompt, or you can continue to the DELETE SERIAL NUMBER prompt.

0 + [*] = to Delete Serial Number prompt (F)

[*] = Continue to the ENROLL MODE prompt (1A) if not enrolled, or VOICE DESCRIPTOR prompt (1C) if already enrolled.

[#] = Return to previous prompt

F

DELETE SERIAL NUMBER/ZONE PARAMETERS

0 = Keep existing number and proceed to VOICE DESCRIPTOR prompt (1C)

1 = Delete the RF zone serial number only and return to the ZONE NUMBER prompt (A).

2 = Delete the RF zone serial number and all other zone parameters (zone type, report code, etc.), then return to ZONE NUMBER prompt (A).

For non-RF zones, entering 1 or 2 deletes all zone parameters.

IR

ENROLL MODE

0 = Skip to the VOICE DESCRIPTOR prompt (1C). If zone type is "00," then skips to DELETE SERIAL NUMBER prompt instead.

1 = Enroll now and proceed to SERIAL NUMBER prompt (1b)

/b

SERIAL NUMBER

Enter the transmitter's 7-digit serial number (printed on the transmitter). If you enter an incorrect digit, press the [#] key to backup to that digit and reenter the correct digit.

When all 7 digits are entered, press the [*] key. Each digit will be re-displayed, and the keypad will beep once for digits 1-6, 3 times for the last digit. If less than 7 digits are entered, the un-entered digits will display "F." If too many digits have been entered, the first 6 digits will be saved, along with the last digit that was entered (entering 123456789 yields serial number 1234569).

If the serial number is correct, press [*] again to save it and advance to the next prompt (1C) or, if the zone type is 00, will return to the DELETE SERIAL NUMBER PROMPT (F).

If the serial number is not correct, press [#], which deletes the number and returns to the ENROLL MODE prompt (1A), allowing you to reenter the number.

VOICE DESCRIPTOR IL 0 = Skip to next zone (A) 1 = Enter descriptor mode (existing zone descriptor will be announced, then descriptor 1 will be repeated) **DESCRIPTOR 1** ld $\nu\nu$ Enter [#] + 2-digit vocabulary index[†] number (vv) of first descriptor word for this zone. To change the entered index number, press [#] + desired index number. 6 = accept word and advance to descriptor 2 (descriptor 2 will be announced) 8 = accept word and advance to next zone (prompt A) - zone descriptor will be announced Press any other key to repeat the selected word **DESCRIPTOR 2** IE $\nu\nu$ Enter [#] + 2-digit vocabulary index[†] number (vv) of second descriptor word for this zone. To change the entered index number, press [#] + desired index number. 6 = accept word and advance to descriptor 3 (descriptor 3 will be announced) 8 = accept word and advance to next zone (prompt A) - zone descriptor will be announced Press any other key to repeat the selected word **DESCRIPTOR 3** !F $\nu\nu$ Enter [#] + 2-digit vocabulary index[†] number ($\nu\nu$) of third descriptor word for this zone. To change the entered index number, press [#] + desired index number. 6 or 8 = accept word and advance to next zone (prompt A) - zone descriptor will be announced Press any other key to repeat the selected word † See *84 ASSIGN ZONE VOICE DESCRIPTORS section for Vocabulary Index. *80 POWERLINE CARRIER DEVICE PROGRAMMING Use this mode to program Powerline Carrier Devices or zone lists for Chime by Zone feature. Press *80 while in programming mode. **NOTE**: Entry of a number other than one specified will give unpredictable results. **Powerline Carrier Device Programming** 80 0 = Exit mode, upon which this prompt blinks. Press [*] + any field number to go to that field. 1 = Enter mode **DEVICE NUMBER** R \square Enter the 2-digit device number (01-08) to be programmed [*] = Continue 00 = Exit Device Programming mode (displays blinking 80; enter * + desired data field or menu mode number) **DEVICE ACTION** b aa Enter the 1-digit action, 0-3, for the device being programmed (current action is displayed). 3 = Pulse on and off 0 = No response [*] = Continue 1 = Close for 2 seconds 2 = Close and stay closed [#] = Return to previous prompt START EVENT TYPE (if applicable) E etEnter the 1-digit start event type, 0-3, for the device being programmed. 0 = Not used3 = Trouble1 = Alarm[*] = Continue 2 = Fault[#] = Return to previous prompt **START ZONE LIST** (if applicable) d z lEnter the 1-digit zone list number, 1-3, or 0 if not used, for the device being programmed. [*] = Continue [#] = Return to previous prompt **START ZONE TYPE** (if applicable) E z,t Enter the 2-digit start zone type for the device being programmed (see Powerline Carrier Device

Worksheet for zone type/system operation codes later in this manual).

[*] = Continue

[#] = Return to previous prompt

STOP ZONE LIST (if applicable)
Enter the 1-digit zone list number, 1-3, or 0 if not used, for the device being programmed.

[*] = Continue

F

18

z.l

z,t

[#] = Return to previous prompt STOP ZONE TYPE (if applicable)

Enter the 2-digit stop zone type for the device being programmed (see Powerline Carrier Device Worksheet for zone type/system operation codes later in this manual).

[*] = Return to Device Number prompt (A)

[#] = Return to previous prompt

*81 ZONE LISTS

Use this mode to define zone lists for Powerline Carrier Devices and/or for the chime by zone feature. Press *81 while in programming mode. **NOTE:** Entry of a number other than one specified will give unpredictable results.

81

ZONE LIST PROGRAMMING

0 = Exit mode, upon which this prompt blinks. Press [*] + any field number to go to that field.

1 = Enter mode

R 01

ZONE LIST NUMBER

Enter the 2-digit zone list number (01-03) to be programmed (use zone list 03 for chime by zone feature).

[*] = Continue

00 = Exit mode (displays blinking 81; enter * + desired data field or menu mode number)

b *zz*

ZONE ENTRY TO LIST

Enter the 2-digit zone number (zz) to be added to this zone list.

[*] = Accept zone number and enter the next zone number

00 = Accept zone number and continue to next prompt

Ĺ

DELETE ENTIRE ZONE LIST?

0 = Don't delete; continue to next prompt

1 = Delete the current zone list

d

DELETE SPECIFIC ZONES FROM LIST?

0 = Don't delete; continue to next zone list number (prompt A 01)

1 = Continue to delete zones prompt

Ε

DELETE ZONES

Enter the 2-digit zone number to be deleted from the current zone list

[*] = Delete zone and enter next zone to be deleted

00 = Return to next zone list number (prompt A 01)

*83 SEQUENTIAL MODE

Use this mode to enter transmitter serial numbers. Press *83 while in programming mode. **NOTE:** Entry of a number other than one specified will give unpredictable results.

R 01

ZONE NUMBER

Enter the 2-digit zone number of the first transmitter to have its serial number entered.

[*] = Continue; system searches for zones not yet entered, then goes to ENROLL SERIAL NUMBER prompt (C)

00 = Exit Sequential mode, upon which the prompt "83" blinks. Press [*] + any field number to go to that field.

E zz

ENROLL SERIAL NUMBER

Enter the transmitter's 7-digit serial number (printed on the transmitter). If you enter an incorrect digit, press the [#] key to backup to that digit and reenter the correct digit.

When all 7 digits are entered, press the [*] key. Each digit will be re-displayed, and the keypad will beep once for digits 1-6, 3 times for the last digit. If less than 7 digits are entered, the un-entered digits will display "F." If too many digits have been entered, the first 6 digits will be saved, along with the last digit that was entered (entering 123456789 yields serial number 1234569).

If the serial number is correct, press [*] again to save it. The next zone number to be enrolled will display at "C" prompt for 30 seconds. If this is the desired zone number, enter its serial number as described above. If not, either wait 30 seconds or press [#] to display the "b" prompt.

If the serial number is not correct, press [#], which deletes the number and returns to the ENROLL ZONE prompt (1A), allowing you to reenter the number.

b *zz*

ENROLL ZONE?

The system displays the next zone number for which a serial number may be enrolled.

0 = return to ZONE NUMBER prompt (A 01) to enter different zone number or exit sequential mode

1 = yes, return to "C" prompt to enter serial number for this zone

*84 ASSIGN ZONE VOICE DESCRIPTORS

Use this mode to assign voice descriptors for each zone. These are the descriptors that are announced when the system announces any event involving a zone number. Press *84 while in programming mode. **NOTE:** Entry of a number other than one specified will give unpredictable results.

84

ASSIGN ZONE VOIČE DESCRIPTORS

0 = Exit mode, upon which this prompt blinks. Press [*] + any field number to go to that field.

1 = Enter mode

R zz

ZONE NUMBER

Enter the 2-digit zone number (zz) for which this descriptor is being assigned.

[*] = Continue to next prompt (existing descriptors will be announced, then descriptor 1 will be repeated.)

00 = Exit Zone Voice Descriptor mode (displays blinking 84; enter * + desired data field or menu mode number)

b vv

DESCRIPTOR 1

Enter [#] + 2-digit vocabulary index number of first descriptor word for this zone.

To change the entered index number, press [#] + desired index number.

6 = accept word and advance to descriptor 2 (descriptor 2 will be announced)

8 = accept word and advance to next zone (prompt A....zz) - zone descriptor will be announced

Press any other key to repeat the selected word

L vv

DESCRIPTOR 2

Enter [#] + 2-digit vocabulary index number of second descriptor word for this zone.

To change the entered index number, press [#] + desired index number.

6 = accept word and advance to descriptor 3 (descriptor 3 will be announced)

8 = accept word and advance to next zone (prompt A....zz) - zone descriptor will be announced

Press any other key to repeat the selected word

d vv

DESCRIPTOR 3

Enter [#] + 2-digit vocabulary index number of third descriptor word for this zone.

To change the entered index number, press [#] + desired index number.

6 or 8 = accept word and advance to next zone (prompt A....zz) – zone descriptor will be announced

Press any other key to repeat the selected word

VOCABULARY INDEX

00	½ sec pause		F		М		U
	Α	14	FIRE	25	MAIN	40	UPSTAIRS
01	ALARM	15	FLOOR	26	MASTER	41	UTILITY
02	ATTIC	16	FRONT	27	MESSAGE		W
	В		G	28	MOTION	42	WINDOW
03	BABY	17	GARAGE		0		Υ
04	BACK	18	GUN	29	OFFICE	43	YARD
05	BASEMENT		Н		Р		Z
06	BATHROOM	19	HALL	30	PATIO	44	ZONES
07	BEDROOM		l	31	POOL	44	
	С	20	INSIDE		R	45	1 ST
80	CHECK		J	32	ROOM	46	2 ND
	D		K		S	47	3 RD
09	DEN	21	KITCHEN	33	SHED		
10	DETECTOR		L	34	SHOP	70	Custom Word #1
11	DINING	22	LAUNDRY	35	SIDE	71	Custom Word #2
12	DOOR	23	LIBRARY	36	SLIDING	72	Custom Word #3
	E	24	LIVING	37	SMOKE	73	Custom Word #4
13	EMERGENCY			38	STORAGE	74	Custom Word #5
				39	SYSTEM	99	Blank
							(to erase previously
		l		l			programmed word)

SYSTEM WORDS
(Announced by system
not programmable)
AC LOSS
ARMED
AWAY
BYPASSED
CHIME
DISARMED
DISARM SYSTEM
NOW
EXIT NOW
FAULT
INSTANT
LOW BATTERY
NOT
READY TO ARM
STAY

*85 RECORD CUSTOM VOICE DESCRIPTORS

Use this mode to record up to 5 custom voice descriptors for use with zone announcements. Press *85 while in programming mode. **NOTE**: Entry of a number other than one specified will give unpredictable results.

85

RECORD CUSTOM VOICE DESCRIPTORS

0 = Exit mode, upon which this prompt blinks. Press [*] + any field number to go to that field.

1 = Enter mode

R 7d

CUSTOM DESCRIPTOR NUMBER

Enter 7 + d + [*], where d = 0-4, each representing custom word 70, 71, 72, 73 or 74 respectively. Existing descriptor will be announced.

Press [#] to start recorder. Start speaking immediately after the third beep.

Speak the desired word clearly near the keypad microphone. Recording stops after 1.5 seconds.

6 = Accept word and ready to record next descriptor (prompt A....7d)

[#] = Re-record descriptor

00 = Exit Record mode after pressing 6 (displays blinking 85; enter * + desired data field or menu mode number) Press any other key to repeat the recorded word.

★56 ZONE PROGRAMMING WORKSHEET

Fill in the required data on this worksheet, then follow the programming procedure in the Installation Instructions.

ZONES ON CONTROL:

See explanation of headings on next page (defaults shown are for Table 1) **ZONES ON CONTROL:**

	Zoi Descri Wired Z Dure	iption No. (a 01) Zone 1 0 1	Zone Type (zt		m rpt code lex) (rc) [00 00]	
k	Keypad Panic (1			[00]	[00 00]	
k	Keypad Panic (3	9 6		[00]	[00 00]	
	Keypad Panio	9 9		[06]	[01 00]	
Zone No. (A 01)	Zone Type (zt)	Alarm Report Code in hex (rc)	Input Type (I)	Loop No. (I)	Transmitter Serial Number	Vocabulary Index
0 2	[01]	[01 00]	[3]	[2]		[16-12-99]
0 3	[01]	[01 00]	[3]	[2]		[04-12-99]
0 4	[03]	[01 00]	[3]	[2]		[42-99-99]
0 5	[10]	[01 00]	[3]	[1]		[28-10-99]
0 6						
0 7						
0 8						
0 9						
1 0						
1 1						
1 2						
1 3						
1 4						
1 5						
1 6						
1 7						
1 8						
1 9						
2 0						
2 1						
2 2						
2 3						
2 4						
2 5						

Button Zo Zone No. (A 01)		Alarm Report Code in hex (rc)	Input Type (I)	Loop No. (I)	Transmitter Serial Number	Vocabulary Index
2 6	[21]	[01 00]	[5]	[3]		
2 7	[22]	[01 00]	[5]	[2]		
2 8	[23]	[00 00]	[5]	[4]		
2 9	[23]	[00 00]	[5]	[1]		
3 0	[21]	[01 00]	[5]	[3]		
3 1	[22]	[01 00]	[5]	[2]		
3 2	[23]	[00 00]	[5]	[4]		
3 3	[23]	[00 00]	[5]	[1]		
3 4						
3 5						
3 6						
3 7						
3 8						
3 9						
4 0						
4 1						

EXPLANATION OF ZONE ASSIGNMENT TABLE HEADINGS

A 01 = ZONE No. Zone Numbers are 01 (wired zone), 2-25 (RF zones), 26-41 (Button zones), 92 (duress), 95, 96, 99 (panic zones).

 zt = ZONE TYPE 00 = Not Used
 06 = 24 Hr Silent
 20 = Arm—Stay

 01 = Entry/Exit #1
 07 = 24 Hr Audible
 21 = Arm—Away

 02 = Entry/Exit #2
 08 = 24 Hr Aux
 22 = Disarm

 03 = Perimeter
 09 = Fire
 23 = No Alarm

 04 = Interior Follower
 10 = Interior w/Delay
 Response

05 = Trouble Day/Alarm Night 24 = Silent Burglary

rc = ALARM REPORT CODE Two Hex Digits. For each Hex Digit, enter: 00-09 for 0-9, 10 for A, 11 for B,12 for C, 13 for

D, 14 for E, 15 for F. If "00" is entered as the first digit, there will be no report for that zone. For Contact ID reporting, this is enabling code only. Enter any hex digit (other than 00) in

the first pair of boxes. The second pair of boxes is ignored.

i = INPUT TYPE Enter 3 for RF: Supervised RF

Enter 4 for UR: Unsupervised RF Enter 5 for BR: Button Type RF

I = LOOP NUMBER Used with 5800 RF Loop Input Devices. Record transmitter loop number.

Entries are 1-4, depending on device being used. Refer to the transmitter's instructions for

appropriate loop numbers.

POWERLINE CARRIER DEVICES WORKSHEET FOR *80, and *81.

Applicable only if Powerline Carrier Devices are to be used, or chime-by-zone feature is used.

***80 OUTPUT DEVICES**

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

Note: Field *25 must be programmed with a House Code.

		0.7.4.5.7		0.7.0	\ D	
		START either or both		S T C	r both	
DEVICE NUMBER	ACTION (aa)	EVENT TYPE (et)	EVENT ZONE ZONE TYPE TYPE LIST SYST OP'N		RESTORE ZONE LIST (zl)	ZONE TYPE /SYST OP'N (zt)
P.L.C.D.* 01						
P.L.C.D.* 02						
P.L.C.D.* 03						
P.L.C.D.* 04						
P.L.C.D.* 05						
P.L.C.D.* 06						
SYSTEM 07 P.L.C.D.*						
SYSTEM 08 P.L.C.D.*						

P.L.C.D. = Powerline Carrier Device (X-10).

Where:

A = DEVICE ACTION 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off.

ET = EVENT TYPE 0 = Not used; 1 = Alarm; 2 = Fault; 3 = Trouble.

ZL = ZONE LIST 1, 2, or 3 (from Field *81) or 0 = Not Used.

"START" ZONE LIST: Upon alarm, fault, or trouble of ANY zone on this list, device action will START.
"STOP" RESTORE of ZONE LIST: Upon restore of ALL zones on this list, device action will STOP. It need not be same list as used for START.

NOTE: Do not assign zones with zone types 20, 21, or 22 to a zone list.

ZT = ZONE TYPE/SYSTEM OPERATION Choices for Zone Types are:

 00 = Not Used
 06 = 24 Hr Silent

 01 = Entry/Exit#1
 07 = 24 Hr Audible

 02 = Entry/Exit#2
 08 = 24 Hr Aux

 03 = Perimeter
 09 = Fire Zone

 04 = Interior Follower
 10 = Interior w/Delay

 05 = Trouble Day/Alarm Night
 24 = Silent Burglary

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

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

Choices for System Operation are:

20 = Arming-Stay
21 = Arming-Away
22 = Disarming (Code + OFF)
31 = End of Exit Time
32 = Disarming (August Time)
33 = Chime
39 = Any Fire Alarm
40 = Bypassing
42 = System Battery

42 = System Battery Low * Or at Disarming, whichever occurs

32 = Start of Entry Time 43 = Communication Failure earlier.

33 = Any Burglary Alarm 52 = Kissoff 36 = *At Bell Timeout 58 = Duress

Note: In normal operation mode:

For Devices 1-6: For Devices 7 and 8: N = device (unit) number Function + Lights On + N Code + Function + 4 + N (Entry **starts** Device N) Function + Lights Off + N Code + Function + 7 + N (Entry **stops** Device N)

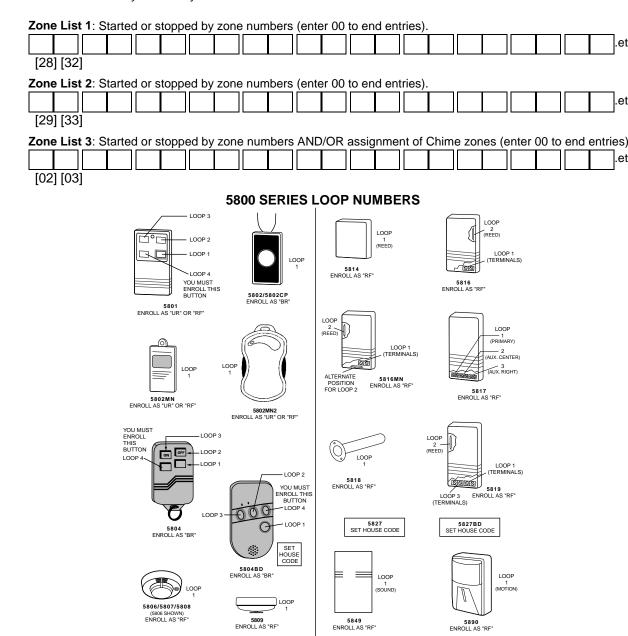
***81** ZONE LISTS FOR OUTPUT DEVICES

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

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.

.etc.

etc.



NOTE: You must enroll loop 4 on the 5801, 5804 and 5804BD transmitters, regardless of whether the other loops are being used.

SPECIAL MESSAGES

EE = DATA ENTRY ERROR (invalid field number entered while in programming mode; re-enter valid field number).

FC = Communication Failure

EA = Exit Alarm

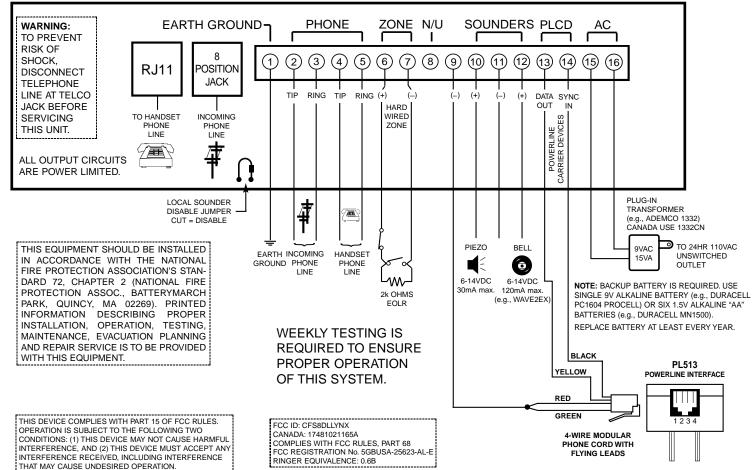
CA = Cancel Alarm

CC = Modem Communication (system is in communication with the central station)

After powering up, AC, dI (disabled) will be displayed after approximately 4 seconds. This will revert to the Realtime Clock in approximately 1 minute. To bypass this delay, press: [#] + [0].







PROFESSIONAL
SECURITY SYSTEMS

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