First Alert FA140C/142C Installer Notes M. Leuck

- 1. Programming can only be done by 6139 Alpha keypads, standard 6128 keypad cannot be used to program zones
- 2. Program new Master Code in section *20 (old version) or Installer Code + 8 + 2 + New Master Code (new version)
- 3. Enter programming: Master Code + 8 + 0 + 0 (FA140C) Or Installer Code + 8 + 0 + 0 (FA142C)
- 4. Another method of entering programming: Power system down, then back up and within 30 seconds press * and # at the same time.
- 5. If system is armed when first powering up, power system back down, hold * and # while powering up system (not afterwards) to enter programming
- 6. Exit programming with *99
- 7. To program a location press * then location. To view what is in Location press # then Location, keypad will read off what is currently programmed
- 8. To erase a location (Example: Phone Number) press * then Location then * again
- 9. Duress/Hostage Code may be 1 digit above any User Code (old version), or User Code 8 (new version)

Downloading Information

It is IMPORTANT to enable downloading when first entering programming

- 1. Press * 96 (Keypad will beep)
- 2. Press * 95 and enter # + 15
- 3. Entering a Download Phone number is not necessary

FA140C-7 PROGRAMMING FORM							
<u>FIELD</u>	FUNCTION	PROC	BRAMMED VALUES	[] = Default Value			
SYSTEM	SETUP (*20-*27)						
*20	MASTER CODE	41	Enter 4 digits, 0-9[4111]				
*21	QUICK ARM ENABLE	† <u>1</u>	[0] 0 = no; 1 = yes				
*22	RF SYSTEM TYPE	0	[0] 0 = none; 1 = 5700 (4281); 2 = 5800	(5881)			
*23	FORCED BYPASS FUNCTION	† [0]	[0] 0 = none; 1 = bypass open zones 2 = bypass open zones + (if in system) z				
*24	RF HOUSE ID CODE [0][0]			n. Enter also for 5827 or 5827BD Keypad.			
*25	WIRED EXPANSION/RELAY USED	+ <u>o</u>	[0] 0 = none; 1 = 4219; 2 = 4229; 3 = 420				
26	VOICE MODULE ACCESS CODE	00	[00] 1st digit: Enter 1-9; 2nd digit: Er 0 in either position = disabled.	nter only #+11 for '', #+12 for '#'.			
*27	OUTPUT TO LONG RANGE RADIO	† 0	[0] 0 = no; 1 = yes; If yes selected, dialer *47) will also be sent via LRR. All dialer format (overriding field *46 selection).	r reports to PRIMARY No. (field and LRR reports will be in Contact ID			
ZONE SC	OUNDS AND TIMING (*28-*39)						
*28	SINGLE ALARM SOUNDING/ZONE	† 0	[0] 0 = no; 1 = yes				
*29	FIRE SOUNDER TIMEOUT	+ 1	[0] 0 = fire sounder timeout; 1 = no fire s	ounder timeout			
*30	ALARM BELL TIMEOUT	+ 1	[1] 0 = none; 1= 4 min; 2 = 8 min; 3 = 12	min;			
*38	ENTRY DELAY	† <mark>2</mark>	[2] 0 = 0 sec; 1 = 20 sec; 2 = 30 sec; 3 = EXIT Delay = ENTRY Delay + 15 sec	45 sec; 4 = 60 sec; 5 = 90 sec			
*39	AUDIBLE EXIT WARNING	† <u>1</u>	[-1] 0 = no; 1 = yes				
DIALER I	PROGRAMMING (*40-*50)		40, *41, *42, enter up to the number of dig ; #+11 for '*'; #+12 for '#'; #+13 for a paus				
*40	PABX ACCESS CODE If fewer than 4 digits entered, exit by pressing *	* (and press	Enter up to 4 digits.	s from field, press *40*.			
*41	PRIMARY PHONE No.			Enter up to 12 digits.			
41	If fewer than 12 digits entered, exit by pressing	ےا لے and pres * ۱	ss 42 if entering next field) To clear entri				
*42	SECONDARY PHONE No.			Enter up to 12 digits.			
42	If fewer than 12 digits entered, exit by pressing		S 43 if entering next field) To clear entri				
*43	SUBSCRIBER ACCT No.			or B; #+12 for C; #+13 for D;			
43		لــــــا for F:	F]. Enter * as 4th digit, if 3+1 dialer reporti				
	If only 3 dig	gits used, e	xit by pressing * (and press next field). To	clear entries from field, press *43*.			
		Examp	les: For Acct No. 1234, enter: 1	2 3 4			
			For Acct No. B234 , enter: #+11				
			For Acct No. 123, enter: 1	2 3 *			
*45	PHONE SYSTEM SELECT	† 2	[0] If Cent. Sta. <i>IS NOT</i> on a WATS line If Cent. Sta. <i>IS</i> on a WATS line				
*46	REPORT FORMAT	7	[0] Also see field *27				
	1 = 3 2 = 4	3+1, 4+1 RA 1+2 ADEMO	ADIONICS STANDARD 7 = AD CO L/S STANDARD 8 = 3+	ndefined = 4+2 ADEMCO EXPRESS DEMCO CONTACT ID REPORTING 1, 4+1 ADEMCO L/S EXPANDED 1, 4+1 RADIONICS EXPANDED			
*47	SPLIT/DUAL REPORTING	0	[0 = Disable (Backup report only)]				
			TO PRIMARY PHONE No. 1 = Alarms, Restore, Cancel 2 = All Reports except Open/Close, Te 3 = Alarms, Restore, Cancel 4 = All Reports except Open/Close, Te 5 = All Reports (Dual Reporting)	All Reports			
*48	15 SEC DIALER DELAY (BURG)	† 💽	[0] 0 = no; 1 = yes				
*49	PERIODIC TEST MESSAGE	+ 0	[0] 0 = none; 1 = 24 hrs; 2 = wkly; 3 = mr	nthly. Enter Test Code in field *64.			
*50	SESCOA/RADIONICS SELECT	† 💽	[0] 0 = Radionics (0-9, B-F reporting); 1 = Select 0 for all other formats.	= SESCOA (0-9 only reporting)			
*51	CONFIRMATION OF ARMING DING	† 💽	[0] 0 = no; 1 = yes;				
*52	ZONE 3 RESPONSE TO OPEN	† 💽	[0] 0 = 400 ms nominal; 1 = 10 ms nomin	nal.			

 $\ensuremath{^+}$ Entry of a number other than one specified will give unpredictable results

DES	ZONE		7ALARM REF ZONE No. (Zn)	ZONE TYPE. (ZT)	ee explanation on next pa ALARM RPT CODE Hex (RC)	INPUT DEVICE (in)		LEARNED RF INPUT
			<u>(Zn)</u>	<u>(ZT)</u>	(RC)	<u>(ln)</u>		<u>(L)</u>
ONES ON CON			0.4			700 001 WA		
	ed Zone 1		01	0 1 [0] [1]		[00,00]HW		
	ed Zone 2		02	0 4 [0] [4]		[00,00]HW		
	ed Zone 3		03	0 3 [0] [3]	0 1 0 0	[00,00]HW		
	ed Zone 4		04	0 3 [0] [3]	0 1 0 0	[00,00]HW		
Wir	ed Zone 5		05	0 9 [0] [9]	0 1 0 0	[00,00]HW		
Wir	ed Zone 6		06	0 3 [0] [7]	0 1 0 0	[00,00]HW		
Keypad P	anic (* & #,	or B)	07 * #, B	0 7 [0] [6]	0 1 0 0	[00,00]		
	Duress		08 Duress	NA	0 1 0 0	[00,00]		
-	Tamper		09 Tamper	0 5 N A	0 0 0 0	[00,00]		
Keypad P	anic (1 & *,	or A)	95 1*, A	0 9 [0] [0]	0 1 0 0	[00,00]		
Keypad P	anic (3 & #,	or C)	96 3#, C	0 8 [0] [0]	0 1 0 0	[00,00]		
XPANSION ZO	NES:	4219/4229 zones also (minus, in	e can add up to 8 available; 4281 the last case, the	wired expansion zones. //5881L, up to 8; 5881N number of 4219/4229 z	With 4281L, up to 4 RF expa 1, up to 16; 4281H/5881H, up cones used).	nsion to 30	LOOP No.	ENTER FOR 5800 ONLY
219/4229 Loop		xp'n Zone						
-		2nd						
	С	3rd						
	D	4th						
	E	5th						
	F	6th						
		7th						
	G							
	н	8th						
		9th						
		10th						
		11th						
		12th						
		13th						
		14th						
		15th						
		16th						
		17th						
		18th						
		19th						
		20th						
		21st						
	:	22nd						
		23rd						
		24th						· · · · · · · · · · · · · · · · · · ·
		25th						
		26th						
		27th						
		28th						
		29th						
		30th						

IN THE PREVIOUS PAGE'S ZONE ASSIGNMENT TABLE:										
Zn = Z	ONE NUMBER	Zone Nos. are With Field *25 With Field *22 or 10-63 if 421	from 01 to 63, 95 set for auxiliary w set for RF (5700 o 9/4229 is NOT us	, 96. Some are ired loops (42 or 5800), use i ed.	e pre-ass 19 or 422 Zone No	signed. 29), use s. 18-6	e Zone Nos. 10-17 for loop 3 if 4219/4229 is ALSO us	os A-H. sed,		
ZT = Z	ONE TYPE	00 = Zone Not 01 = Entry/Exit	Used 05 = 1	Frouble Day/A		ht 10	= Interior w/Delay = Arm-Stay	DEFAULT		
		02 = Do Not U 03 = Perimete	lse 07 = 2	24 Hr Audible		21	= Arm-Away = Disarm	Žn : [01] [02] [0	03] [03] [09]	
		04 = Interior F	ollower $09 = F$	24 Hr Aux Fire		23	= No Alarm Response	Zn : 06 07 9 ZT : [07] [06] [0	95 96 00] [00]	
						*20, 21, and 22 used for 5800 RF systems only.				
RC = A	LARM REPORT	CODE T	wo Hex Digits. Fo	r each Hex Di	git, enter		-09 for 0-9	2 for D 14 for E	15 for 5	
						there w	for A, 11 for B, 12 for C, 1 ill be no report for that zor	ne.		
		Fo	or Contact ID repo air of boxes. The s	econd pair of	n enablin boxes w	ig code ill be ig	only. Make any Hex digit nored.	entry (other than	"00") in the first	
In = LC	OP INPUT DEV		W: Hard Wire W:Aux Wire (4219) or 4229)	3 = 4 =	RF: R	F Supervised nsupervised RF	These are auto		
			,	,	5 =	BR: B	utton Type RF	assigned, exce and "BR" for 58	300 RF.	
L = LE	ARNED RF INPU	JT Used with	h self-learning (58	00) RF Loop I	nput Dev	vices. R	ecord transmitter input nu	mber.		
ТО П				ODT	1	*71	TROUBLE RESTO			0 0
COD	ES (*60-*75):		& RESTORE REP			*72	BYPASS RESTOR			
With a 1-9, 0,	3+1 or 4+1 Sta B, C, D, E, or F.	ndard Format: Enter "#+10" for	Enter a code in th r 0, "#+11" for B, " r F.	e <i>first</i> box: #+12" for						
C, "#+ [·]	13" for D, "#+14" (not "#+10") in th	for E, "#+15" for he <i>first</i> box will d	r F. lisable a report.			*73 *74	AC RESTORE REF			
A "0"		ne <i>second</i> box w	vill result in autom	atic		*74 *75				
			nter codes in <i>boxe</i> scribed above.	es (1st		*75	RF XMTR LO BAT	KOT KPT CO	DE [00]	
A "0"	(not "#+10") in th	ne <i>second</i> box w	vill eliminate the e			OUTF	PUT AND SYSTEM	SETUP (*80-* <u>9</u>	92)	
A "0"	age for that repo (<i>not</i> "#+10") in b	oth boxes will di				*80	OUTPUT RELAYS		Program only if	Relays are to
With A	demco Contact the <i>first</i> box, to e	t ID Reporting: nable zone to re	Enter any digit (otl port (entries in the	her than e <i>second</i>		*81	ZONE LISTS FOR OUTPUT RELAYS	L	be used. See n	ext page.
boxes	will be ignored).		disable the report.			*82	CUSTOM ALPHA E See procedure in instruc		entered from fie	eld *56):
E	<i>xamples:</i> For Co	de 3 (Single Dig	git), enter:	3	0	*91	CUSTOM OPTION	SELECTION	(See Field *98)	0
	For Co	ode 32 (Two Dig	jits), enter:	3	2	[0] 1 =	0 = None selected = Local Lockout	4 = AAV Alarn	(Audio 6 = n Veri-	Sounder Delay + AAV
		B2 (Hexadecim	,.	#+11	2	2 = 3 =	= Sounder Delay = Local Lockout + Sounder Delay	ficatio 5 = Local + AA	Lóckout	Local Lockout + Sounder Delay + AAV
			ODES (*60-*6	·		*92	REPORTS PER AR		C	0
*60		REPORT CO		[00] 1			[0] 0 = 10 max total alarr	n + alarm restore	, 1 = unlimited	
*61		PORT COD		[00] 0						
*62		EPORT COD		[00] 0						
*63		ERY REPOR	T CODE	[00] 1			NLOAD INFO (*94, * DOWNLOAD PHOI			
*64	TEST REPC			[00] 0		*94				
65			PORT CODE automatically sen	[00] 0	0		Enter up to 12 digits: 0-9); #+11 for ''; #+1	2 for '#'; #+13	
	user number if	expanded or 4+2	2 reporting is sele	cted.			for a pause. Do not fill un digits entered, exit field b			
	2nd digit of EX the 2nd digit of	IT ALARM REP the zone alarm	ORT is automatica	ally sent as ammed in			entering next field). To clear entries from fiel	d, press *94*.		
			report code progr ng is selected.			*95	RING DET COUNT	FOR DOWN	LOADING	1 5
*66			PORT CODE		0		[10] O=Disable Station In rings (1-9, #+10=10, #+1			r of
	the user number	er, if expanded o	or 4+2 reporting is	selected.			#+14=14); 15=answering	g machine defeat	(#+15=15)	
*67			PORT CODE	[00] 0		*96	INITIALIZES DOWN	NLOAD ID, SU	JBSCRIBER	ACCOUNT
*68	CANCEL RE	EPORT COD	E	[00] 1	0	*97	SETS ALL PROGR			
REST	ORE REPOR	RT CODES (*	*69-*75)				No entry required.			
*69	GROUP RE	STORES for	TROUBLE.		ore)	TO E	XIT PROGRAM MOI	DE (*98 or *99	9)	
	T = yes (report	after all zones re	[0] 0 = no (repor estored)	tion each rest	ore),	Press *	98 or *99 if exiting program	mming, or next fie	eld number if	
		•	tact ID reporting.			* 98	EXITS PROGRAM		and <i>prevents</i> re	-entry by:
*70				0	l		Master Code + Code + C).		
	zone alarm rep	omatically sent a ort code prograr -2 reporting is se	as the 2nd digit of t nmed in *56, if elected. [0]	une		*99	EXITS PROGRAM	VING MODE 4) or by: Power-up	and <i>allows</i> re-er + * + #.	ntry by:

OUTPUT RELAYS WORKSHEET FOR FIELDS *80, and *81. *Applicable only if relays are to be used.* Fill in required data and follow detailed programming procedure described in *PROGRAMMING DATA FIELDS* section of Installation Instructions

*80 OUTPUT RELAYS

Notes: 1.

- 1. Field *25 must be programmed for a 4229 (Relays 01 and 02) or a 4204 (Relays 01 to 04).
- 2. If an AAV (Audio Alarm Verification) option is selected in field *91, Relay 01 should *not* be programmed here.
- 3. Tampers of contacts or expansion unit cannot be used to operate relays.

		S T A R T either or both			S T O P either or both		
OUTPUT RELAY	RELAY ACTION (A)	EVENT (EV)	ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)	"RESTORE of" ZONE LIST (ZL)	ZONE TYPE /SYST OP'N (ZT)	
01 SEE NOTE 2 ABOVE	0	0	0	0 0	0	0 0	
02	0	0	0	0 0	0	0 0	
03	0	0	0	0 0	0	0 0	
04	0	0	0	0 0	0	0 0	

Where: A = RELAY ACTION

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

06 = 24 Hr Silent

08 = 24 Hr Aux

09 = Fire

07 = 24 Hr Audible

10 = Interior w/Delay

- **EV = EVENT** 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, relay action will START.

STOP "RESTORE of" ZONE LIST:

Upon restore of ALL zones on this list, relay action will STOP. It need not be same list as used for START.

Note:

ZT = ZONE TYPE/SYSTEM OPERATION

Choices for Zone Types are:

00 = Nc	ot Used
01 – Er	trv/Evit

- 01 = Entry/Exit02 = Not Used
- 03 = Perimeter
- 04 = Interior Follower 05 = Trouble Day/Alarm Night
- Choices for System Operation are:
 - 20 = Arming-Stay
 - 21 = Arming-Away
 - 22 = Disarming (Code + OFF) 31 = End of Exit Time
 - 32 = Start of Entry Time

33 = Any Burglary Alarm 34 = Code + # + 7 Key Entry 35 = Code + # + 8 Key Entry 36 = At Bell Timeout**

37 = 2 times Bell Timeout**

38 = Chime
39 = Any Fire Alarm
40 = Bypassing
41 = AC Power Failure
42 = System Battery Low

Any zone in "ZT" going into alarm,

Any zone of that type that restores

fault, or trouble will actuate relay.

will stop relay action.

41 = AC Fower Failure 42 = System Battery Lo

**Or at Disarming, whichever occurs earlier.

*81 ZONE LISTS FOR OUTPUT RELAYS Record desired zone numbers. 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).

Zone List 2: Started or stopped by zone numbers (enter 00 to end entries).
$\square \square, \square \square$
Zone List 3: Started or stopped by zone numbers (enter 00 to end entries).
$\square \square, \square \square$

Monitronics FA-140C Quick Reference Guide (M. Leuck)

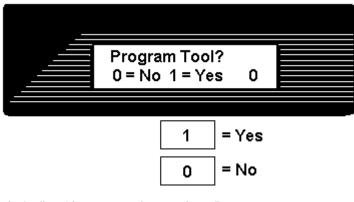
Monitoring and Service call 800-447-9239

Arming (Away)	Enter 4-digit code + AWAY key (2), the display will show AWAY (If NOT READY press * to view open zones				
Disarming or Silencing Alarms	Enter 4-digit code + OFF key (1) If turning off an alarm enter 4 digit code + OFF key again to clear display				
Arming (Stay)	Enter 4-digit code + STAY key (3), system will arm and the display will show STAY				
Zone Bypassing	Enter 4-digit code + BYPASS key (6) + zone to be bypassed (01, 02, 03) then arm system. The display will show "Bypass" and the zone bypassed, this must be done quickly!				
Additional Codes	While system is disarmed enter MASTER CODE + CODE key (8) then user code you wish to program (3, 4 and 5) then enter desired code, system will beep once when completed. To change Master Code enter MASTER CODE + CODE (8) + 2 + New MASTER CODE twice (May not be available)				
Door Chimes	To turn chimes on or off enter 4-digit code then the CHIME key (9)				
Instant Doors	Enter 4-digit code then the INSTANT key (7) to arm system, all Entry/Exit doors will arm with no entry delay and all motion or interior zones will be bypassed. The display will show both STAY and INSTANT				
Trouble Lights	Loss of AC power is indicated when the display shows NO AC on the keypad A display of LOW BAT indicates possible battery trouble, if zone also shows, a wireless sensor battery is low A display of CHECK indicates a problem elsewhere with the system or if a fault is detected in a fire zone.				
Panic Buttons	To use the 3 panic buttons hold down both keys for 2 seconds for Police, Medical and Fire (if available) On many systems holding down a combination of numbers will activate the panics Holding down * and # keys activate a POLICE panic Holding down 1 and * keys activate a FIRE panic Holding down 3 and # keys activate a MEDICAL panic (Fire and Medical Panics may not be enabled)				



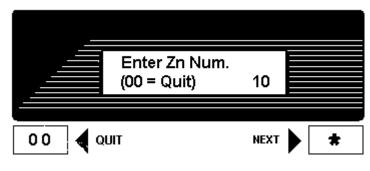
First Alert LCD Program Guide (6139 Alpha Keypad Required!)

1.



This is the first thing you see after entering * 56 For most installations press 0 to move to next screen

2.

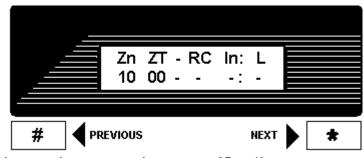


Press * to move forward through menus, # to move backward

Enter zone to program, Lets program zone 10 as an example

Zones 01 to 06 = Hardwire Zone 07 = Police Panic Zone 08 = Hostage/Duress Code Zone 10 and up = Wireless Zones Zones 95 & 96 = Fire & Medical Panics

After programming Zone Type press * to move to next menu # for previous menu



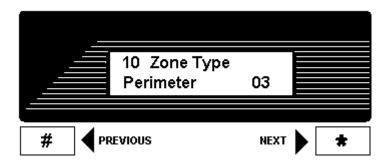
This screen shows programming summary of Zone 10 (This one shows nothing programmed yet)

Press * to move to next menu # for previous menu

4.

5.

3.



This programs Zone Type, above shows Zone 10 as a Perimeter (03) Zone

To change enter Zone Type from list below then * to continue

00 = Zone Disabled/Deleted	08 = 24 hour Aux/Medical
01 = Delay Zone	09 = Fire
02 = Secondary Delay Zone	10 = Int Delay
03 = Perimeter/Instant	20 = Arm-Stay
04 = Interior Follower/Motions	21 = Arm-Away
06 = 24 hour Silent/Holdup	22 = Disarm
07 = 24 hour Police Panic	23 = No Alarm Response

Press * to move to next menu # for previous menu

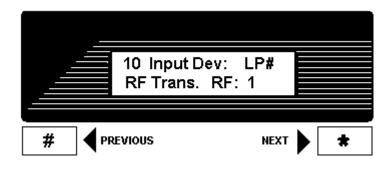
10 Report Code 1st 11 2nd 00 B0 # PREVIOUS NEXT ★

This is Zone 10's Report Code divided into 4 digits

Make all zone report codes different to properly send all signals (Example, Zone 01 = 01 00, Zone 02 = 02 00, Zone 07 = 07 00 etc)

We have programmed Zone 10 to be 11 00 which actually enters B0

Press * to move to next menu



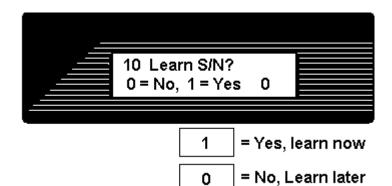
Zone 10 is wireless, select Type of Wireless & Loop here

RF will be flashing, most sensors are RF so press * to move to Loop Number Loop Number 3 = Supervised RF (Doors, Smokes Motions etc are RF) 5 = RF Button Type (Keyfobs & Panic Buttons)

Press * to move to next menu # for previous menu

7.

	10 Input Do RF Trans.		
#	PREVIOUS	NEXT	*
LP# will now flash	, enter Loop Number fr	om below list	
Door Switch		xternal switch = l	_oop 1
Glassbreak Motions	- Loop 1		
Smoke Det.	- Loop 1 - Loop 1		
Keyfobs	- Loops 1 to 4, assign	for each button	
If sensor does n	ot confirm while learni	ng it may have w	rong loop number



0

Press 1 (Yes) then * to continue

If you press 0 you can learn in "sequential" mode later

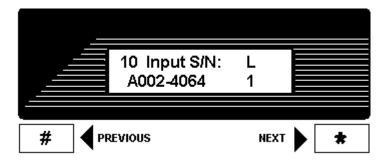
Learn sensors 2 ways

or

- 1. Input Serial number of sensor (printed on bottom of sensor)
- 2. Open and close sensor once to learn, twice to confirm (keypad will beep when learned, again if confirmed)

If sensor does not confirm it may have wrong loop number

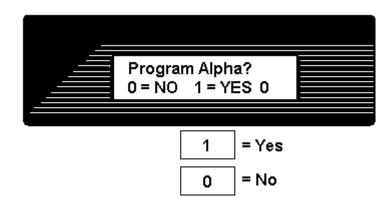




This shows summary of new programming in this order Zone Number/Zone Type/Report Code/Wireless Type/Loop

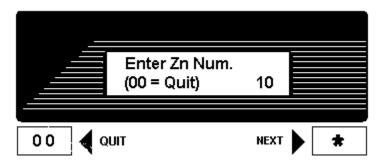
The "s" at indicates sensor was "Learned" into system

Press * to move to next menu # for previous menu



Press 1 to program Zone Descriptions or 0 to finish (For most installations press 0)

11.



When finished you will return to the "Enter Zn Num" prompt, enter next zone or 00 to end and return to regular programming