

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

ZONE DESCRIPTION	ZONE No. (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE Hex (RC)	INPUT DEVICE (In)	LEARNED RF INPUT (L)
ZONES ON CONTROL:					
Wired Zone 1	01	0 1 [0] [1]	0 1 0 0	[00,00]HW	--
Wired Zone 2	02	0 4 [0] [4]	0 1 0 0	[00,00]HW	--
Wired Zone 3	03	0 3 [0] [3]	0 1 0 0	[00,00]HW	--
Wired Zone 4	04	0 3 [0] [3]	0 1 0 0	[00,00]HW	--
Wired Zone 5	05	0 9 [0] [9]	0 1 0 0	[00,00]HW	--
Wired Zone 6	06	0 3 [0] [7]	0 1 0 0	[00,00]HW	--
Keypad Panic (* & #, or B)	07 * #, B	0 7 [0] [6]	0 1 0 0	[00,00] --	--
Duress	08 Duress	-- -- N A	0 1 0 0	[00,00] --	--
Tamper	09 Tamper	0 5 N A	0 0 0 0	[00,00] --	--
Keypad Panic (1 & *, or A)	95 1 *, A	0 9 [0] [0]	0 1 0 0	[00,00] --	--
Keypad Panic (3 & #, or C)	96 3 #, C	0 8 [0] [0]	0 1 0 0	[00,00] --	--

EXPANSION ZONES:		4219/4229 can add up to 8 wired expansion zones. With 4281L, up to 4 RF expansion zones also available; 4281M/5881L, up to 8; 5881M, up to 16; 4281H/5881H, up to 30 (minus, in the last case, the number of 4219/4229 zones used).				LOOP No.	ENTER FOR 5800 ONLY
4219/4229 Loop	A 1st Exp'n Zone	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>
	B 2nd	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	C 3rd	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	D 4th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	E 5th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	F 6th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	G 7th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	H 8th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	9th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	10th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	11th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	12th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	13th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	14th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	15th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	16th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	17th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	18th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	19th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	20th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	21st	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	22nd	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	23rd	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	24th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	25th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	26th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	27th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	28th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	29th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	
	30th	<input type="text"/>	<input type="text"/>	<input type="text"/>	--	<input type="text"/>	

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

OUTPUT RELAY	RELAY ACTION (A)	START either or both				STOP either or both		
		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** 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off
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.

ZT = ZONE TYPE/SYSTEM OPERATION

Choices for Zone Types are:

- | | |
|------------------------------|-----------------------|
| 00 = Not Used | 06 = 24 Hr Silent |
| 01 = Entry/Exit | 07 = 24 Hr Audible |
| 02 = Not Used | 08 = 24 Hr Aux |
| 03 = Perimeter | 09 = Fire |
| 04 = Interior Follower | 10 = Interior w/Delay |
| 05 = Trouble Day/Alarm Night | |

Note: Any zone in "ZT" going into alarm, fault, or trouble will actuate relay.
Any zone of that type that restores will stop relay action.

Choices for System Operation are:

- | | | |
|-----------------------------|-----------------------------|-------------------------|
| 20 = Arming-Stay | 33 = Any Burglary Alarm | 38 = Chime |
| 21 = Arming-Away | 34 = Code + # + 7 Key Entry | 39 = Any Fire Alarm |
| 22 = Disarming (Code + OFF) | 35 = Code + # + 8 Key Entry | 40 = Bypassing |
| 31 = End of Exit Time | 36 = At Bell Timeout** | 41 = AC Power Failure |
| 32 = Start of Entry Time | 37 = 2 times Bell Timeout** | 42 = System Battery Low |

**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).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

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

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

Zone List 3: Started or stopped by zone numbers (enter 00 to end entries).

□□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□, □□ ...etc.

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

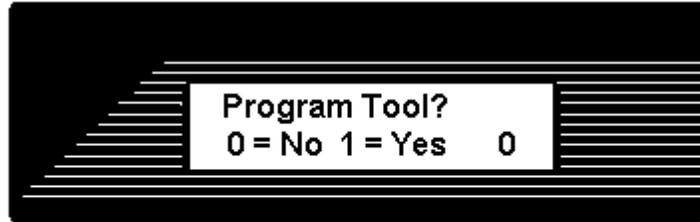
Monitoring and Service call 800-447-9239

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!)

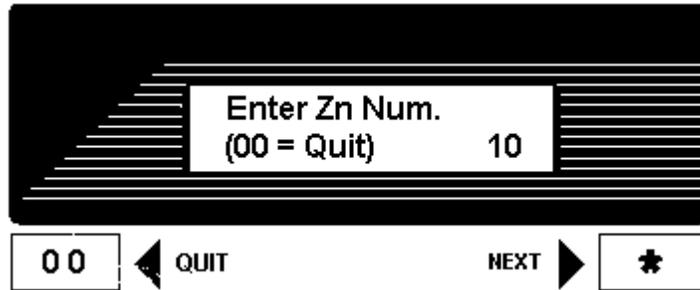
1.



1 = Yes
0 = No

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

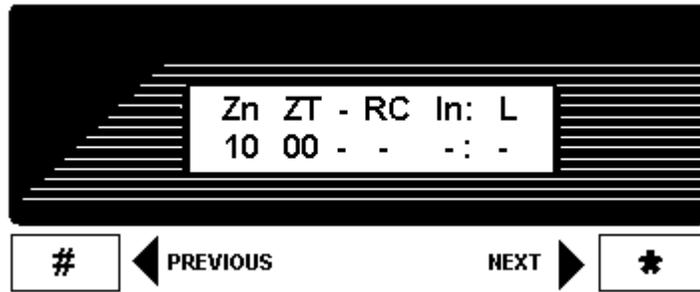
Zone 08 = Hostage/Duress Code

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

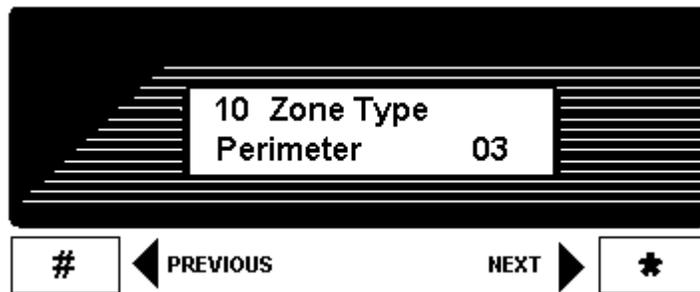
3.



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

Press * to move to next menu # for previous menu

4.



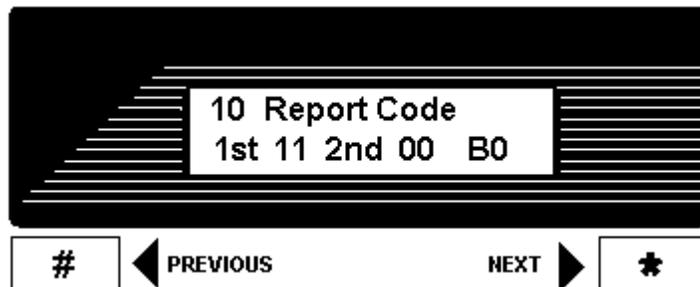
This programs Zone Type, above shows Zone 10 as
a Perimeter (03) Zone

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

5.



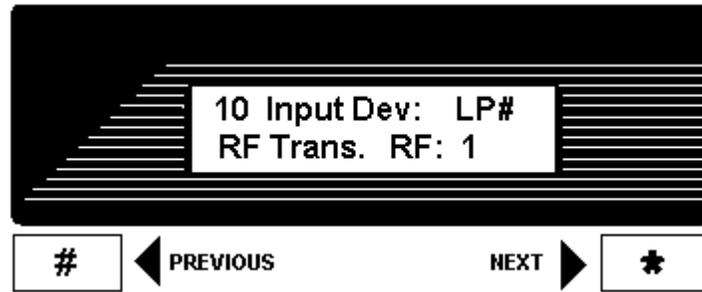
This is Zone 10's Report Code divided into 4 digits

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

6.



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

RF will be flashing, most sensors are RF so press *

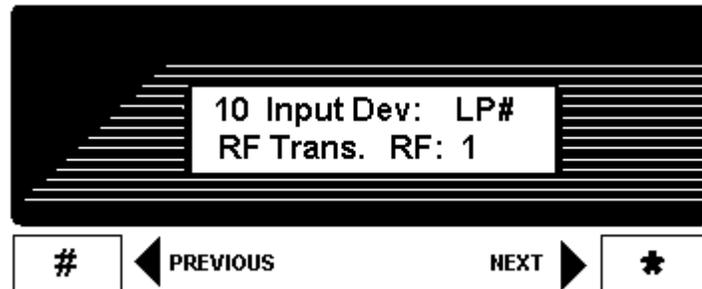
to move to Loop Number Loop Number

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.



LP# will now flash, enter Loop Number from below list

Door Switch - Internal = Loop 2, External switch = Loop 1

Glassbreak - Loop 1

Motions - Loop 1

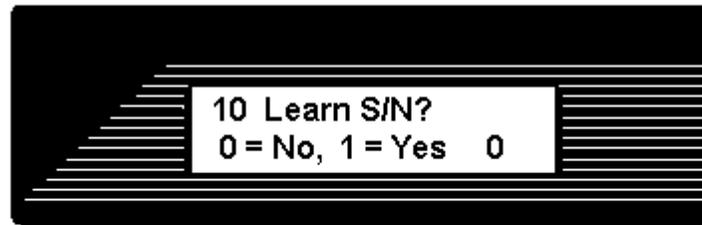
Smoke Det. - Loop 1

Keyfobs - Loops 1 to 4, assign for each button

If sensor does not confirm while learning it may have wrong loop number

Press * to move to next menu # for previous menu

8.



= Yes, learn now

= No, Learn later

Press 1 (Yes) then * to continue

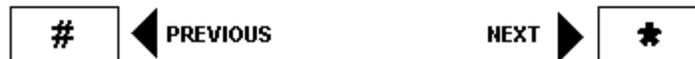
If you press 0 you can learn in "sequential" mode later

Learn sensors 2 ways

1. Input Serial number of sensor (printed on bottom of sensor)
or
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

9.

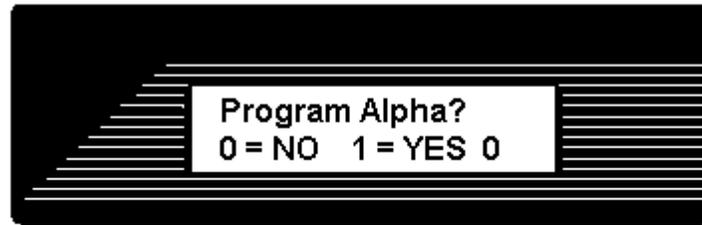


This shows summary of new programming in this order
Zone Number/Zone Type/Report Code/Wireless Type/Loop

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

Press * to move to next menu # for previous menu

10.

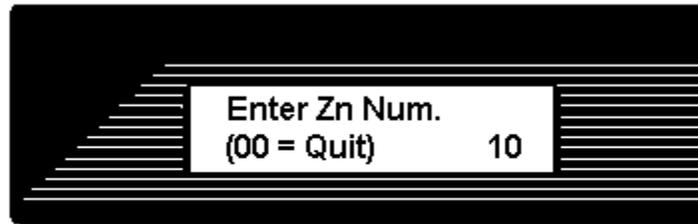


1 = Yes

0 = No

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