

# 4120EC PROGRAMMING FORM

DEFAULT VALUES, WHERE APPLICABLE, ARE SHOWN IN BRACKETS [ ]

## \*00 INSTALLER CODE

(ENTER 0-9) [4120]

## \*01 MASTER CODE

(ENTER 0-9) [1234]

## \*02 RESPONSE TYPE (00-10)

1	2	3	4	Zones
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
[0 9]	[0 1]	[0 3]	[0 4]	
5	6	7	8	Zones
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
[0 5]	[0 6]	[0 7]	[0 8]	

## \*05 MULTIPLE ALARMS & RESPONSE TYPES FOR KEYPAD PANICS

<input type="text"/>	<input type="text"/>	<input type="text"/>
Multiple Alarms	3 & # (or C)	* & # (or B)
[0 0]	[0 7]	[0 6]

1st location: 00 = one alarm/per zone/per armed period; 01 = multiple alarms/per zone/per armed period.

2nd & 3rd locations: enter response types for keypad panics.

### RESPONSE TYPES

00 = Unused Zone	05 = Trouble by day/ Alarm by night
01 = E/E #1	06 = 24-hour Silent
02 = Not used	07 = 24-hour Audible
03 = Perimeter	08 = 24-hour Auxiliary
04 = Interior Follower	09 = Fire

## \*08 N.O. or N.C. SENSOR LOOP (ZONES 1-8)

1	2	3	4	5	6	7	8
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]

0 = N.O. Sensor Loop; 1 = N.C. Sensor Loop.

## \*09 ENTRY DELAY

X 15 secs (00-15)  
[0|2]

## \*10 EXIT DELAY

X 15 secs (00-15)  
[0|3]

## \*13 ALARM SOUNDER TIME DURATION

X 2 mins. (01-15) [0|4]

## \*14 ZONE 8 RESPONSE TIME

0 = Slow, 1 = Fast [0]

## \*21 NO FIRE TIME-OUT

1 = Yes, 0 = No [0]

## \*25 DISABLE DURESS IN ADEMCO EXPRESS FORMAT

1 = Yes, 0 = No [0]

## \*27 TEST REPORT INTERVAL

0 = No report; 1 = 12 hrs.; 2 = 24 hrs.; 3 = 168 hrs.  
[2]

## \*29 QUICK ARM

1 = Yes, 0 = No  
[1]

## \*30 TOUCH-TONE DIAL

1 = Yes, 0 = Rotary  
[0]

## \*31 PABX CODE

00-09; B-F

## \*32 SUBSCRIBER #

00-09; B-F

## \*33 PRIMARY PHONE #

0-9

## \*34 SECONDARY PHONE #

0-9

## \*35 CS DOWNLOAD PHONE #

0-9

## \*36 CS ID# 00-09; A-F

[1|5] [1|5] [1|5] [1|5] [1|5] [1|5] [1|5] [1|5]

## \*40 PROGRAM TAMPER CODE

00-09; B-F [0|0]

## \*41 DISABLE USAGE OF EOLR SUPERV. ON ZONE 1

1 = No EOLR; 0 = EOLR supervision [0]

## \*44 RING DETECT COUNT

[0|0]

00 = no ring detect; 01-14 for ring counts of 1-14; 15 when telephone answering machine is connected to the same phone line.

## \*46 PRIMARY TRANSMISSION FORMAT

0 = ADEMCO LO SPEED; 1 = RADIONICS; 2 = ADEMCO EXPRESS  
[0]

## \*48 SECONDARY TRANSMISSION FORMAT

0 = ADEMCO LO SPEED; 1 = RADIONICS; 2 = ADEMCO EXPRESS  
[0]

## \*49 CHECKSUM VERIFY

1 = Yes, 0 = No [0]

## \*54 4+2 ZONE FORMAT SELECTION

1 = 4+2 Format, 0 = 3+1/4+1 [0]

## \*55 ALARM REPORT

0 = Standard, 1 = Expanded  
[0]

## \*56 RESTORE REPORT

0 = Standard, 1 = Expanded  
[1]

## \*57 BYPASS REPORT

0 = Standard, 1 = Expanded  
[0]

## \*58 TROUBLE REPORT

0 = Standard, 1 = Expanded  
[0]

## \*59 OPEN/CLOSE REPORT

0 = Standard, 1 = Expanded  
[1]

## \*60 LOW BAT, AC LOSS & TEST REPORT

0 = Standard, 1 = Expanded

## \*65 ALARM REPORTING CODES ASSIGNED

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Z1	Z2	Z3	Z4	Z5	Z6	Z7	Z8
[0 0]	[0 0]	[0 0]	[0 0]	[0 0]	[0 0]	[0 0]	[0 0]

Enter 01-15; 00 = no code reporting

(NOTE: When reporting 4+2 format, 2nd digit is always zone number)

**\*66 ALARM REPORTING CODES ASSIGNED (CONT'D)**

<input type="text"/>	<input type="text"/>	<input type="text"/> (01-15); 00=no channel reporting
Duress	3 & # Panic (or C)	* & # Panic (or B)
[010]	[010]	[010]

See Note in \*65

**NON-ALARM CODES**

(01-15)	AC Loss	<input type="text"/>	Open	<input type="text"/>
(00 for no code reporting)	AC Loss 2nd Digit	<input type="text"/>	Close	<input type="text"/>
	Trbl	<input type="text"/>	Lo Bat	<input type="text"/>
	Trbl Restr	<input type="text"/>	L. Bat 2 <sup>nd</sup> Digit	<input type="text"/>
	Bypass	<input type="text"/>	Test	<input type="text"/>
	Bypass Restr	<input type="text"/>	Cancel	<input type="text"/>
	Rstr code for Alarm, AC Loss, Lo Bat	<input type="text"/>		

Defaults for above are all 010

**HEXADECIMAL TO NUMERIC ENTRY CONVERSION**

0 = 10 (REPORT CODES)  
 0 = 00 (SUBS ID, PABX OR CS ID)  
 1=01, 2=02, 3 =03 , 4=04, 5=05, 6=06 , 7=07, 8=08, 9=09, B=11, C=12, D=13, E=14 , F=15

- **To Enter Program Mode:** a) Press [\*] and [#] at the same time within 30 seconds after power is applied to the control, or  
 b) Enter installer code + [8] + [0] + [0]. Enter first field address to begin programming (e.g., \*01).
- **To Set Standard Defaults:** Press \*96
- **To Exit Program Mode:** Press \*99 or \*98: \*99 allows re-entry to the programming mode by installer code. \*98 prevents re-entry to programming mode by installer code.



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