

# Lynx-R PROGRAMMING FORM

**Field**   **Function**   **Programmed Values**   [ ] = Default Value

**SYSTEM SETUP (\*20-\*30)** All Defaults from Table 1

- \*20   INSTALLER CODE   4 1 1 2   Enter 4 digits, 0-9 [4112]
- \*21   QUICK ARM ENABLE   † 1   0 = no; [1 = yes]
- \*22   KEYPAD BACKLIGHT TIMEOUT   0   [0 = none (backlighting always on)];  
1 = backlight off after 10 secs
- \*23   FORCED BYPASS   † 0   [0 = none]; 1 = bypass open zones  
"0" for UL installations.
- \*24   RF HOUSE ID CODE   0 0   [00] 00 = disable all wireless keypad useage; Enter 01 - 31 if using 5827 keypad.
- \*25   POWERLINE CARRIER DEVICE HOUSE CODE   0 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   † 1   0 = no; [1 = yes]. (Program zones to chime on Zone List #3)
- \*27   REAL TIME CLOCK DISPLAY   † 1   0 = Disabled; [1 = Enabled]
- \*29   DAYLIGHT SAVINGS TIME START/END MONTH   [4,10]   0 4   1 0   0-9, 10-12; if no Daylight Savings Time enter 0,0  
Start                      End
- \*30   DAYLIGHT SAVINGS TIME START/END WEEKEND NUMBER   [1,5]   1   5   1 = first; 2 = second; 3 = third; 4 = fourth; 5 = last;  
Start                      End                      6 = next to last; 7 = third from last

**ZONE SOUNDS AND TIMING (\*31 - \* 39)**

- \*31   SINGLE ALARM SOUNDING/ZONE   † 0   [0 = no limit]; "0" for UL installations.  
1 = yes, limit once per arming period.
- \*32   FIRE SOUNDER TIMEOUT   † 1   [0 = timeout]; 1 = no timeout.
- \*33   ALARM BELL TIMEOUT   † 2   0 = none; [1 = 4 min]; 2 = 8 min; 3 = 12 min; 4 = 16 min; "1" (4 min.) minimum for UL.
- \*34   EXIT DELAY   † 6 0   0-99 seconds. Default value = [70 seconds].
- \*35   ENTRY DELAY #1 (zone type 01)   † 3 0   0-99 seconds. Default value = [30 seconds].  
20 sec max. for UL.
- \*36   ENTRY DELAY #2 (zone type 02)   † 6 0   0-99 seconds. Default value = [60 seconds].  
50 sec max. for UL.
- \*37   AUDIBLE EXIT WARNING / QUICK EXIT   † 1   1   0 = no; [1 = yes].  
Warn                      Quick
- \*38   CONFIRMATION OF ARMING DING   † 0   [0 = no]; 1 = yes,(panel keyboard and RF); 2 = yes, RF only
- \*39   POWER UP IN PREVIOUS STATE   † 1   0 = no; [1 = yes]. "1". for UL installations.

**DIALER PROGRAMMING (\*40 - \*53)**

In fields \*40, \*41, \*42, enter up to the number of digits shown. Do not fill unused spaces. Enter 0-9; #+11 for " \* "; #+12 for "#"; #+13 for a pause.

- \*40   PABX ACCESS CODE      Enter 6 digits. If fewer than 6 digits are entered, exit by pressing \* (and press 41, if entering next field). To clear entries from field, press \*40\*.
- \*41   PRIMARY PHONE NUMBER      Enter up to 20 digits.  
Do not fill unused spaces. If fewer than 20 digits entered, exit by pressing \* (and press 42, if entering next field). To clear entries from field, press \*41\*.
- \*42   SECONDARY PHONE NUMBER     
Enter up to 24 digits.  
Do not fill unused spaces. If fewer than 24 digits entered, exit by pressing \* (and press 42, if entering next field). To clear entries from field, press \*42\*.
- \*43   PRIMARY SUBSCRIBER ACCT #   5 5 5 5   \*44   SECONDARY SUBSCRIBER ACCT #   F F F F  
PRIMARY RECEIVER                      ACCT #  
Enter 0-9; #+11 for B; #+12 for C; #+13 for D; #+14 for E; [#+15 for F].  
Enter \* as 4th digit, if 3+1 dialer reporting is to be used. If only 3 digits used, exit by pressing \* (and press next field).  
To clear entries from field, press \*43\*, \*44\*.

Examples:   For Acct No.1234, enter: 

1	2	3	4
#+11	2	3	4
1	2	3	*

For Acct No.B234, enter:

For Acct No.123, enter:

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

- \*47 PHONE SYSTEM SELECT †  3 If Central Station *IS NOT* on a WATS line: 0 = Pulse Dial; [1 = Tone Dial]  
If Central Station *IS* on a WATS line: 2 = Pulse Dial; 3 = Tone Dial
- \*48 REPORT FORMAT PRIMARY/SECONDARY Primary  7 Secondary  7  
0 = 3+1, 4+1 ADEMCO L/S STANDARD 6 or undefined = 4+2 ADEMCO EXPRESS  
1 = 3+1, 4+1 RADIONICS STANDARD [7 = ADEMCO CONTACT ID REPORTING]  
2 = 4+2 ADEMCO L/S STANDARD 8 = 3+1, 4+1 ADEMCO L/S EXPANDED  
3 = 4+2 RADIONICS STANDARD 9 = 3+1, 4+1 RADIONICS EXPANDED
- \*49 SPLIT/DUAL REPORTING  0 [0 = Disable (Backup report only)]  
**TO PRIMARY**  
1 = Alarms, Restore, Cancel  
2 = All except Open/Close, Test  
3 = Alarms, Restore, Cancel  
4 = All except Open/Close, Test  
5 = All  
**TO SECONDARY**  
Others  
Open/Close, Test  
All  
All  
All  
**TO PAGING No. \*(Secondary)**  
\*\* Alarms, O/C users 0, 5-8, 26-33 RF,  
\*\* Alarms, Troubles  
\*\* Alarms, O/C users 0, 5-8, 26-33 RF,  
\* Open/Close for users 0, 5-8 or  
wireless arm/disarm button  
zones 26-33;  
\* users 1-4 and buttons 34-41  
do not send open/close.
- \*\* A 7-digit code is sent to the pager consisting of a 3-digit event code, followed by 00 and a 2-digit user or zone number.  
See Installation Instructions for an explanation of the 7-digit code.
- \*50 15 SECOND DIALER DELAY (BURG) †  0 [0 = no]; 1 = yes. "0" for UL installations.
- \*51 PERIODIC TEST REPORT †  3 [0 = none]; 1 = 24 hours; 2 = weekly; 3 = 30 days.  
(Enter Test Code in field \*64.)
- \*52 FIRST TEST REPORT OFFSET †  2 0 = 24 hour; 1 = 6 hours; [2 = 12 hours]; 3 = 18 hours.  
(Time to 1st report from programming or downloading.)
- \*53 SESCOA/RADIONICS SELECT  0 [0 = Radionics (0-9, B-F reporting)]; 1 = SESCOA (0-9 only reporting)  
Select 0 for all other formats.
- † Entry of a number other than one specified will give unpredictable results.
- \*56 ZONE ASSIGNMENT/ALARM REPORT CODES - This field is an interactive mode. Fill in the required data on the worksheet below (and on next page) and follow the programming procedure in the installation manual.

### EXPLANATION OF ZONE ASSIGNMENT TABLE HEADINGS

Zn = ZONE NUMBER Zone Nos. are from 01 to 41, 92, 95, 96, 99  
ZT = ZONE TYPE 00 = Not Used 05 = Trouble Day/Alarm Night 20 = Arm-Stay  
01 = Entry/Exit #1 06 = 24 Hr Silent 21 = Arm-Away  
02 = Entry/Exit #2 07 = 24 Hr Audible 22 = Disarm  
03 = Perimeter 08 = 24 Hr Aux 23 = No Alarm Response  
04 = Interior Follower 09 = Fire Trouble 24 = Silent Burglary  
10 = Interior w/Delay

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 in the first pair of boxes, there will be no report for that zone.  
For Contact ID reporting, this is an enabling code only. Enter any Hex digit (other than "00") in the first pair of boxes. The second pair of boxes will be ignored.

In = LOOP INPUT DEVICE HW: Hard Wire Enter 3 for RF: Supervised RF  
Enter 4 for UR: Unsupervised RF  
Enter 5 for BR: Button Type RF  
Hard wire zone input types are automatically assigned.

L = LEARNED RF INPUT Used with 5800 RF Loop Input Devices. Record transmitter input number.  
Entries are 1-4 depending on device being used.

ZONE DESCRIPTION	ZONE NUMBER (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	INPUT TYPE (In)
Wired Zone 1*	<input type="text" value="01"/>	<input type="text" value="00"/>	<input type="text" value="00 - -"/>	HW
Duress	<input type="text" value="92"/>	- -	<input type="text" value="01 - -"/> [01, --]	--
Keypad panic (1&*)	<input type="text" value="95"/>	<input type="text" value="09"/>	<input type="text" value="01 - -"/>	--
Keypad panic (3&#)	<input type="text" value="96"/>	<input type="text" value="08"/>	<input type="text" value="01 - -"/>	--
Keypad panic (*&#)	<input type="text" value="99"/>	<input type="text" value="06"/>	<input type="text" value="01 - -"/> [01, --]	--

RF ZONES:

RF DESCRIPTION	ZONE NUMBER (Zn)	ZONE TYPE (ZT)	ALARM RPT CODE (Hex) (RC)	INPUT TYPE (In)	LOOP NUMBER (L)	SERIAL NUMBER
	0 2	0 1	0 1 - -	RF	2	000-0000
	0 3	0 1	0 1 - -	RF	2	000-0000
	0 4	0 3	0 1 - -	RF	2	000-0000
	0 5	1 0	0 1 - -	RF	1	000-0000
	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	--	--	--	--	--
	2 6	2 1	0 1 - -	BR	3	000-0000
	2 7	2 2	0 1 - -	BR	2	000-0000
	2 8	2 0	0 1 - -	BR	4	000-0000
	2 9	2 3	0 0 - -	BR	1	000-0000
	3 0	2 1	0 1 - -	BR	3	000-0000
	3 1	2 2	0 1 - -	BR	2	000-0000
	3 2	2 0	0 1 - -	BR	4	000-0000
	3 3	2 3	0 0 - -	BR	1	000-0000
	3 4	--	--	--	--	--
	3 5	--	--	--	--	--
	3 6	--	--	--	--	--
	3 7	--	--	--	--	--
	3 8	--	--	--	--	--
	3 9	--	--	--	--	--
	4 0	--	--	--	--	--
	4 1	--	--	--	--	--

**TO PROGRAM SYSTEM STATUS, & RESTORE REPORT CODES (\*59-\*76, & \*89):**  
**With a 3+1 or 4+1 Standard Format:** Enter a code in the first box: 1-9, 0, B, C, D, E, or F. Enter "#+10" for 0, "#+11" for B, "#+12" for C, "#+13" for D, "#+14" for E, "#+15" for F.  
 A "0" (not "#+10") in the first box will disable a report.  
 A "0" (not "#+10") in the second box will result in automatic advance to the next field when programming.  
**With an Expanded or 4+2 Format:** Enter codes in boxes (1st and 2nd digits) for 1-9, 0, or B-F, as described above.  
 A "0" (not "#+10") in the second box will eliminate the expanded message for that report.  
 A "0" (not "#+10") in both boxes will disable the report.  
**With Ademco Contact ID Reporting:** Enter any digit (other than "0") in the first box, to enable zone to report (entries in the second boxes will be ignored).  
 A "0" (not "#+10") in the first box will disable the report.

Examples: For Code 3 (Single Digit), enter:  
 For Code 32 (Two Digits), enter:  
 For Code B2 (Hexadecimal), enter:

3	0
3	2
#+11	2

**RECHARGEABLE OPTION** [0]  
 0 = Non-rechargeable  
 1 = Rechargeable

**\*58 RF JAMMING** [0] [0]  
 0 = Disabled  
 1 = RF Jamming Detection, No Reporting  
 2 = RF Jamming Detection with Reporting

**SYSTEM STATUS REPORT CODES (\*59-\*68)**

**\*59 EXIT ERROR REPORT CODE** [1-] [0]  
 2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*56, if expanded or 4+2 reporting is selected.

**\*60 TROUBLE REPORT CODE** [1-] [1-]

**\*61 BYPASS REPORT CODE** [0-] [0-]

**\*62 AC LOSS REPORT CODE** [0-] [0-]

**\*63 LOW BATTERY REPORT CODE** [1-] [1-]

**\*64 TEST REPORT CODE** [1-] [1-]

**\*65 OPEN REPORT CODE** [0] [0]††

**\*66 ARM AWAY/STAY REPORT CODE** [0,0] [0]††  
 AWAY STAY

†† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting selected.

**\*67 RF TRANSMITTER LOW BATTERY REPORT CODE** [1-] [1-]

**\*68 CANCEL REPORT CODE** [1-] [1-]

**RESTORE REPORT CODES (\*70-\*76)**

**\*70 ALARM RESTORE REPORT CODE** [1] [0]  
 2nd digit is automatically sent as the 2nd digit of the zone alarm report code programmed in \*56, if expanded or 4+2 reporting is selected.

**\*71 TROUBLE RESTORE REPORT CODE** [1-] [0-]

**\*72 BYPASS RESTORE REPORT CODE** [0-] [0-]

**\*73 AC RESTORE REPORT CODE** [0-] [0-]

**\*74 LOW BATTERY RESTORE REPORT CODE** [1-] [0-]

**\*75 RF TRANSMITTER LOW BATTERY RESTORE REPORT CODE** [1-] [0-]

**\*76 TEST RESTORE REPORT CODE** [0-] [0-]

**OUTPUT AND SYSTEM SETUP (\*80-\*93)**

*Program only if Chime By Zone or Powerline Carrier devices are to be used. See next page.*

**\*80 POWERLINE CARRIER DEVICES**

**\*81 ZONE LISTS FOR OUTPUT DEVICES**

**\*83 SEQUENTIAL LEARN MODE:** (Also entered from field \*56):  
 See procedure in instructions.

**\*84 ASSIGN ZONE VOICE DESCRIPTORS**  
 See procedure in instructions.

**\*85 RECORD CUSTOM VOICE DESCRIPTORS**  
 See procedure in instructions.

**\*87 AUX FUNCTION / 1 BUTTON PAGING** [0]  
 [0 = Aux key performs defined function (macro)]  
 [1 = Aux key sends message (999-9999) to pager]  
 If 1, you must also select option 6-9 in field \*49.

**MACRO KEY**

\_\_\_\_\_

**\*88 PAGER CHARACTERS**

\_\_\_\_\_

Enter up to 16 digits: 0-9; #+11 for '\*'; #+12 for '#'; #+13 for a pause (displayed as ' '). Do not fill unused spaces. If fewer than 16 digits entered, exit field by pressing \* (and press 89, if entering next field).  
 To clear entries from field, press \*88\*.

**\*89 EVENT LOG 80% FULL REPORT CODE** [0-] [0-]

**\*90 EVENT LOGGING** [0] [3]  
 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. Default = [3] (1+2).  
**Note:** System messages are logged when any non-zero selection is made.

**\*91 LONG RANGE RADIO/AUDIO ALARM VERIFICATION** [4]  
 [0 = Long Range Radio]; 4 = AAV  
 "0" for UL installations  
**Note:** AAV requires that \*49 SPLIT/DUAL REPORTING = 0(Disabled), and \*48 REPORT FORMAT = 7(Contact ID) for primary phone number

**\*92 NUMBER OF REPORTS IN ARMED PERIOD** [0]  
 [0 = 10 Alarm/Alarm Restore Reports];  
 [1 = Unlimited;  
 "1" for UL installations.

**DOWNLOAD INFORMATION (\*93, \*94, \*95) <**

**\*93 FLEXIBLE CALLBACK** [0]  
 [0 = No Flex]; 1 = Last Digit Flex; 2 = Last 2 Digits Flex;  
 3 = Last 3 Digits Flex

**\*94 DOWNLOAD PHONE No.**

\_\_\_\_\_

Enter up to 20 digits: 0-9; #+11 for '\*'; #+12 for '#'; #+13 for a pause. Do not fill unused spaces. If fewer than 20 digits entered, exit field by pressing \* (and press 95, if entering next field).  
 To clear entries from field, press \*94\*.

**\*95 RING DET COUNT FOR DOWNLOADING** [1] [5]  
 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)

< In UL installations, downloading may only be performed if a technician is at the site.

**\*96 INITIALIZES DOWNLOAD ID, SUBSCRIBER ACCOUNT No. FOR INITIAL DOWNLOAD:**  
 No data entry required.

**\*97 SELECT 1 OF 4 DEFAULT OPTION SETUPS**

**\*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.

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

*Applicable only if Powerline Carrier Devices are to be used.*

\*80 POWERLINE CARRIER DEVICES - This is an interactive menu mode. Fill in the required data on the worksheet below and follow the programming procedure in the installation manual as you enter the data during the displays and prompts that appear in sequence.

**Notes:** 1. For Powerline Carrier devices, field \*25 must be programmed with a House Code.

DEVICE NUMBER	ACTION (aa)	START either or both				STOP either or both			
		EVENT (et)	ZONE LIST (zl)	ZONE TYPE /SYST OP'N (zt)		RESTORE of ZONE LIST (zl)	ZONE TYPE /SYST OP'N (zt)		
P.L.C.D.* 01	0	0	0	0	0	0	0	0	0
P.L.C.D.* 02	0	0	0	0	0	0	0	0	0
P.L.C.D.* 03	0	0	0	0	0	0	0	0	0
P.L.C.D.* 04	0	0	0	0	0	0	0	0	0
P.L.C.D.* 05	0	0	0	0	0	0	0	0	0
P.L.C.D.* 06	0	0	0	0	0	0	0	0	0
SYSTEM 07 P.L.C.D.*	0	0	0	0	0	0	0	0	0
SYSTEM 08 P.L.C.D.*	2	0	0	3	3	0	3	6	

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

Where:

- aa = DEVICE ACTION** 0 = No Response; 1 = Close for 2 sec; 2 = Close and stay closed; 3 = Pulse on and off  
**et = 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, PLCD action will START.

"STOP" RESTORE of ZONE LIST: Upon restore of ALL zones on this list, PLCD 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 Trouble     |
| 04 = Interior Follower       | 10 = Interior w/Delay |
| 05 = Trouble Day/Alarm Night | 24 = Silent Burglary  |

**Choices for System Operation are:**

- |                             |                            |
|-----------------------------|----------------------------|
| 20 = Arming-Stay            | 38 = Chime                 |
| 21 = Arming-Away            | 39 = Any Fire Alarm        |
| 22 = Disarming (Code + OFF) | 40 = Bypassing             |
| 31 = End of Exit Time       | 42 = System Battery Low    |
| 32 = Start of Entry Time    | 43 = Communication Failure |
| 33 = Any Burglary Alarm     |                            |
| 36 = At Bell Timeout***     |                            |

\*\*\* Or at Disarming, whichever occurs earlier.

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

52 = Kissoff  
58 = Duress

**Note:** In normal operation mode:  
FOR DEVICES 1-6:  
Function Lights On + N (Entry **starts** Device N.)  
Function Lights Off + N (Entry **stops** Device N.)  
FOR DEVICES 7 and 8:  
Code + # + 4 + N Key (Entry **starts** Device N.)  
Code + # + 7 + N Key (Entry **stops** Device N.)  
Where "N" = Device Number to be controlled.

**\*81 ZONE LISTS FOR PLCD's and CHIME BY ZONE-** This is an interactive mode. 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.

**Note:** 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.

**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.

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### SPECIAL MESSAGES

**EE or ENTRY ERROR** = ERROR (invalid field number entered; re-enter valid field number).

After powering up, **AC, dl** (disabled) will be displayed after approximately 4 seconds. This will revert to Real Time Clock in appx. 1 minute, which allows PIRS, etc. to stabilize. To bypass this delay, press: [#] + [0].

#### TO ENTER PROGRAMMING MODE:

1. POWER UP, then depress **[\*]** and **[#]** both at once, within 50 seconds of powering up.  
OR
2. Initially, key **Installer Code (4 + 1 + 1 + 2)** plus **8 + 0 + 0**.  
OR
3. If different **Installer Code** is programmed, key: **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).

#### 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, and method 1 above used to enter the programming mode.
- \*99 Exits programming mode and *allows* re-entry by: **Installer Code + 8 + 0 + 0**. or: **Power-up**, then "\*" and "#".