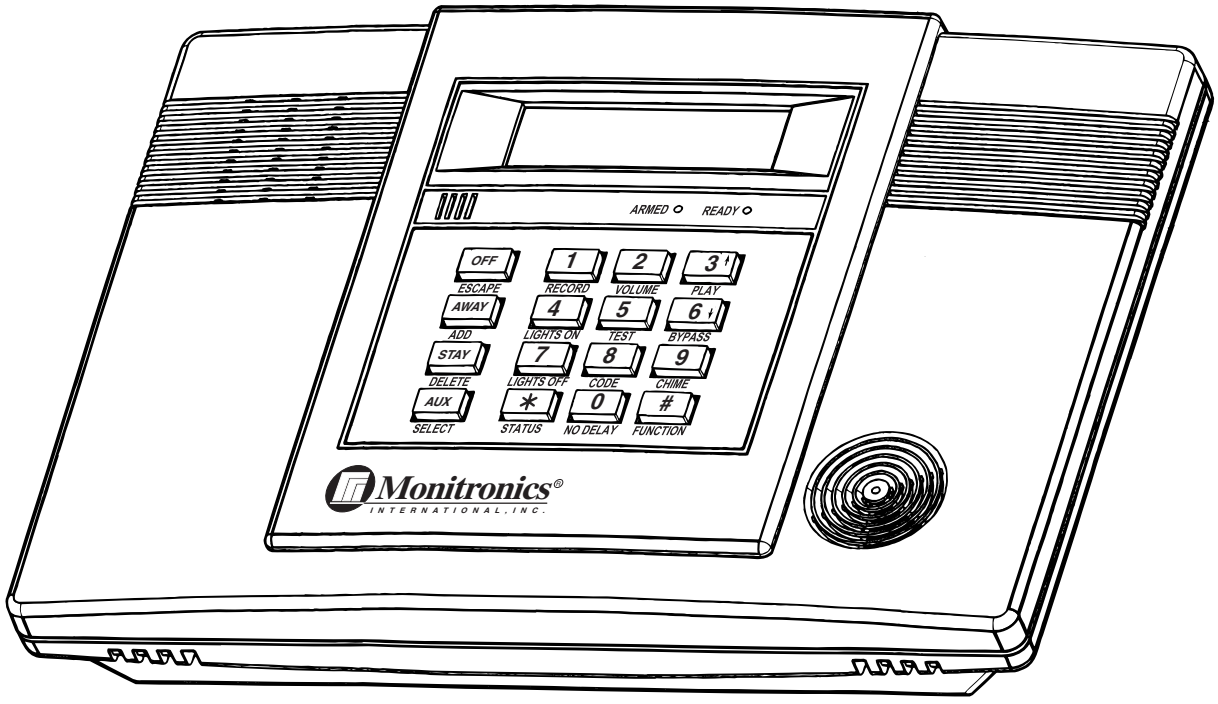
Preliminary - 27 January 2003

LYNXR Series
Security Systems

Programming Guide for LYNXR/LYNXR24 and LYNXR-EN



K5965MTV1 (bx) 1/22/03

Monitronics®
INTERNATIONAL, INC.

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Refer to the Installation and Setup Guide for detailed information on programming the LYNXR/LYNXR24 or LYNXR-EN system. The Installation and Setup Guide includes full descriptions of all data fields.

UL **LYNXR and LYNXR-EN are not intended for UL985 Household Fire applications unless a 24-hour backup battery (P/N LYNXRCHKIT-HC) is installed.**

! **Certain features differ between the LYNXR/LYNXR24 and the LYNXR-EN models. Verify the specific model being installed prior to the system programming.**

TO ENTER PROGRAMMING MODE:

1. 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 filed 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 number 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 Enhanced 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 Enhanced 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 1-4 corresponding to the default table desired. See the Installation Instructions for the default tables. Enter 0 if you are not selecting a default table.

NOTE: The telephone numbers in Fields ✱41 and ✱42 are not affected by defaults.

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.

DATA FIELDS

Field	Function	Programmed Values [ ] = Table 1 Default Values
SYSTEM SETUP (✱ 20– ✱ 30)		
✱20	INSTALLER CODE	☐☐☐☐ [4112] Enter 4 digits, 0–9
✱21	QUICK ARM ENABLE	☐ † [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 = 5827/5804BD/5804BDV 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	☐ † [0] 0 = no; 1 = yes (program zones to chime on zone list 3)
✱27	REAL TIME CLOCK DISPLAY	☐ † [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	☐ ☐ [1,5] Start End 0=disable; 1=first; 2=second; 3=third; 4=fourth; 5=last; 6=next to last; 7=third from last

Field	Function	Programmed Values	[ ] = Table 1 Default Values

ZONE SOUNDS AND TIMING (✱ 31– ✱ 39)

✱31 SINGLE ALARM SOUNDING/ZONE

☐ † [0]

1 = yes, limit once per arming period (also applies to long range radio output if "0" is selected in *91 field); 0 = no limit
UL installations = 0

✱32 FIRE SOUNDER TIMEOUT

☐ † [0]

0=timeout; 1=no 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

✱34 EXIT DELAY

☐☐ † [70]

00-99 = exit delay time (in seconds).
UL installations = 60 seconds max.

✱35 ENTRY DELAY 1 (zone type 01)

☐☐ † [30]

00-99 = entry delay time (in seconds);
UL installations = 45 seconds max.

✱36 ENTRY DELAY 2 (zone type 02)

☐☐ † [60]

00-99 = entry delay 2 time (in seconds);
UL installations = 45 seconds max.

✱37 AUDIBLE EXIT WARNING / QUICK EXIT

☐ ☐ † [1, 1]

Exit Warn Quick Exit
0 = no; 1 = yes

✱38 CONFIRMATION OF ARMING DING

☐ † [0]

0 = no; 1 = yes (when armed by self-contained keypad or RF)
2 = yes (when armed by RF keypad only).

✱39 POWER UP IN PREVIOUS STATE

☐ † [1]

0 = no; 1 = yes; UL installations = 1

† Entering a number other than the one specified may give unpredictable results.

DIALER PROGRAMMING (✱ 40– ✱ 53)

In fields ✱40, ✱41, ✱42, enter up to the number of digits shown. 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, pressing * advances to the next field. To clear entries from field, press *40*

NOTE: Only a corporate installer can view/edit telephone numbers in Fields *41 and *42.

✱41 STANDARD PHONE NUMBER — Not Viewable. Press ✲ + Field Number to advance to next field.

✱42 TWO WAY VOICE PHONE NUMBER — Not Viewable. Press ✻ + Field Number to advance to next field.

Field Function **Programmed Values** **[ ] = Table 1 Default Value**

For fields *43 , *44:

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, pressing ✱ advances to the next field.

To clear entries from field, press ✱43✱ or ✱44✱ .Examples:

For Acct. **1234**, enter: | 1 | 2 | 3 | 4 | ; For Acct. **B234**, enter: | #+11 | 2 | 3 | 4 |

For Acct. **123**, enter: | 1 | 2 | 3 | ✱ |

NOTES: (1) In order to communicate with the Compass Downloader, you must program a standard subscriber account number (Field ✱43), even if you are using only two-way voice reporting.

(2) All four digits of the subscriber account numbers must be entered in Fields ✱43 and ✱44.

✱43 STANDARD SUBS ACCT # ☐☐☐☐ [15, 15, 15, 15]

✱44 TWO WAY VOICE SUBS ACCT # ☐☐☐☐ [15, 15, 15, 15]

For field *46

Enter up to 24 digits. Enter 0-9, #+11 for '*'; #+12 for '#'; #+13 for a pause (two seconds).

✱46 END USER TELEPHONE NUMBER (Pager/"Follow me" system/"Follow me" reminder telephone number)

☐☐☐☐☐☐☐☐☐☐☐☐
☐☐☐☐☐☐☐☐☐☐☐☐

Enter up to 24 digits; Do not fill unused spaces. If fewer than 24 digits entered, pressing * advances to the next field. To clear entries from field, press *46* .

✱47 PHONE SYSTEM SELECT

☐ † [7] **(LYNXR/LYNXR24)**

☐ † [7] **(LYNXR-EN)**

Note: If you are using Pulse (rotary) Dialing, make sure that LYNX has finished dialing the last number you dialed (listen to pulses)

For LYNXR/LYNXR24 only options 0, 1, 2, and 3 are applicable

Central Station	Dialing Mode			
	Pulse	Tone	Pulse	Tone
No WATS	0 = No Speaker Phone	1 = No Speaker Phone	4 = With Speaker Phone	5 = With Speaker Phone
WATS	2 = No Speaker Phone	3 = No Speaker Phone	6 = With Speaker Phone	7 = With Speaker Phone

✱48 REPORT FORMAT for PRIM./SEC

☐ ☐ [7, 7]

Primary Secondary

Note: Option 7 (ADEMCO Contact ID®) must be selected for AVM.

0 = 3+1, 4+1 ADEMCO L/S STANDARD
1 = 3+1, 4+1 RADIONICS STANDARD
2 = 4+2 ADEMCO L/S STANDARD
3 = 4+2 RADIONICS STANDARD
6 or undefined = 4+2 ADEMCO EXPRESS
7 = ADEMCO CONTACT ID REPORTING
8 = 3+1, 4+1 ADEMCO L/S EXPANDED
9 = 3+1, 4+1 RADIONICS EXPANDED

† Entering a number other than the one specified may give unpredictable results.

Field	Function	Programmed Values	[ ] = Table 1 Default Value

NOTES: (1) If pager is enabled (Options 6-9 in Field *49) the end user cannot use the “Follow me”, and “Follow me” reminder features.
(2) LYNX reports system status as a voice message.

✱49 CENTRAL STATION/PAGER REPORTING/FOLLOW ME

☐ [0]

0 = Disable (Backup report only)

** Pager Message
A 7-digit code (plus optional 16-digit prefix) 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 pager code, which takes the following form:
AAAAAAAAAAAAAAAA-EEE-00NN

AAA… = optional 16-digits (see field *88)
EEE = 3-digit event code: 911 (alarm), 101 (open), 102 (close), 811 (trouble)
00 = always displayed
NN = 2-digit user number or zone number, depending on the type of event (EEE) that ocurred. NN=00 indicates AC loss, sytem lowbattery or low battery in 5827.

TO CENTRAL STA. PHONE No.	TO END USER PHONE No.**
6 = All except Open/Close	Alarms, Open/Close‡, Troubles
7 = All reports	Alarms, Troubles
8 = All reports	Alarms, Open/Close‡, Troubles
9 = All except Open/Close	Open/Close‡

‡ Will report users 0, 5-8 or wireless arm/disarm button zones 26-33; all other zones and users do not report

TO CENTRAL STA. PHONE No.	TO END USER PHONE No.
10 = All except Open/Close	Alarms, Open/Close‡, Troubles
11 = All reports	Alarms, Troubles
12 = All reports	Alarms, Open/Close‡, Troubles
13 = All except Open/Close	Open/Close‡

‡ Will report users 0, 5-8 or wireless arm/disarm button zones 26-33; all other zones and users do not report

✱50 15 SEC DIALER DELAY (BURG)

☐ † [1]

0 = no; 1 = yes; UL installations = 0

✱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

☐ † [3]

0 = 24 hour; 1 = 6 hours; 2 = 12 hours; 3 = 18 hours
(Time to 1st report from power up/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.

✱54 LACK OF USAGE NOTIFICATION

☐ [0]

0 = Disabled
1 = 1 day
2 = 7 days
3 = 27 days
4 = 90 days
5 = 180 days
6 = 365 days

✱56 ENHANCED ZONE PROGRAMMING — See procedure in this guide and refer to the Installation Guide.

✱58 RF JAM DETECT

☐ [0]

0 = no RF Jam Detection; 1 = RF Jam Detect on, no CS report;
2 = RF Jam Detect on with CS report
(if trouble/restore report is enabled in fields *60, *71)

Notes: (1) This feature cannot be used in conjunction with the 5827 wireless keypad.
(2) For event logging option 2 must be selected.

† Entering a number other than the one specified may give unpredictable results.

Field	Function	Programmed Values	[ ] = Table 1 Default Value

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 *both* 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: [3 | 0]
- For Code **3 2** (two digits), enter: [3 | 2]
- For Code **B 2** (Hexadecimal), enter: [#+11 | 2]

SYSTEM STATUS REPORT CODES (*59–*68)

✱59 EXIT ERROR REPORT CODE [0]

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 [0,0]

✱62 AC LOSS REPORT CODE [1,0]

✱63 LOW BAT REPORT CODE [1,0]

✱64 TEST REPORT CODE [1,0]

✱65 OPEN REPORT CODE †† [0]

✱66 ARM AWAY/STAY RPT CODE [ ] AWAY [ ]†† STAY [0,0]

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

✱67 RF XMTR LOW BAT REPORT CODE [1,0]

✱68 CANCEL REPORT CODE [0,0]

RESTORE REPORT CODES (*70–*76)

✱70 ALARM RESTORE RPT CODE [0]

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 [0,0]

✱73 AC RESTORE RPT CODE [1,0]

✱74 LOW BAT RESTORE RPT CODE [0,0]

Field	Function	Programmed Values[ ] = Table 1 Default Value
✱75	RF XMTR LO BAT RST RPT CODE	☐|☐ [1,0]
✱76	TEST RESTORE RPT CODE	☐|☐ [0,0]
OUTPUT AND SYSTEM SETUP (*80–*92)		
✱80	DEVICE PROGRAMMING MENU MODE	Program *80 and *81 only if Powerline Carrier Devices or chime by zone are to be used. See procedure later in this manual.
✱81	ZONE LISTS MENU MODE	
✱83	ENHANCED SEQUENTIAL MODE	See procedure later in this manual.
✱84	ASSIGN ZONE VOICE DESCRIPTOR	See procedure later in this manual.
✱85	RECORD CUSTOM VOICE DESCRIPTOR	See procedure later in this manual.
✱87	AUX FUNCTION/ 1-BUTTON PAGING	☐ [0] 0 = Aux key performs defined function (macro); 1 = Aux key sends message to pager or voice message to follow me system phone number. If 1, you must also select an option 6-9 in field *49 for the pager or 10-13 for the follow me system announcement.
✱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 next field). To clear entries, enter *88*. To enter "*" = [#] + [11]; To enter "#" = [#] + 12] To enter 2-second pause = [#] + [13] (some pagers require an additional delay [pause] in order to receive the entire message)
✱89	EVENT LOG 80% FULL RPT CODE	☐|☐ [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.

Field	Function	Programmed Values[ ] = Table 1 Default Value
✱91	**LYNXR/LYNXR24** LONG RANGE RADIO/ALARM AUDIO VERIFICATION (AAV)/REMOTE PHONE CONTROL	☐ [4] 0 = Long range radio only 1 = AAV and remote phone control 2 = Long range radio and remote phone control 4 = AAV only **Notes:** (1) If long range radio is being connected alarm audio verification cannot be used. (2) In order to activate the remote phone access feature and defeat an answering machine ensure that the correct ring detection count (“15”) has been programmed in field *95. (3) Remote phone session will be terminated if a report must be sent. (4) If alarm audio verification mode is selected a long range radio cannot be connected. (5) Alarm audio verification will only function when Contact ID is selected and cannot be used for UL installations. (6) If an alarm will be reported to the end user phone number (6-8 or 10-12 in field *49) AAV cannot be used. (7) If AAV is enabled, LYNX will automatically use the central station phone number programmed in field *41. If AAV is not enabled LYNX will use the phone number programmed in field *42. (8) If AAV is enabled, reports will be sent to the two-way voice phone number.
	LYNXR-EN ALARM AUDIO VERIFICATION (AAV)/REMOTE PHONE CONTROL	☐ [4] 0 = None 1 = AAV and remote phone control 2 = remote phone control only 4 = AAV only **Notes:** (1) No programming is required if connecting an ALARMNET 7845C device because the option is always enabled. (2) In order to activate the remote phone access feature and defeat an answering machine ensure that the correct ring detection count (“15”) has been programmed in field *95. (3) Remote phone session will be terminated if a report must be sent. (4) Alarm audio verification will only function when Contact ID is selected and cannot be used for UL installations. (5) If an alarm will be reported to the end user phone number (6-8 or 10-12 in field *49) AAV cannot be used. (6) If AAV is enabled, LYNX will automatically use the central station phone number programmed in field *41. If AAV is not enabled LYNX will use the phone number programmed in field *42. (7) If AAV is enabled, reports will be sent to the two-way voice phone number.
✱92	NUMBER OF REPORTS IN ARMED PERIOD	☐ [0] 0 = 10 Alarm/Alarm Restore Reports; 1 = Unlimited (UL installations = 0)
DOWNLOAD INFORMATION (*93,*94,*95)		
✱93	FLEXIBLE CALLBACK	☐ [0] 0 = No flexible callback; 1 = Last digit flexible; 2 = Last 2 digits flexible; 3 = Last 3 digits flexible
✱94	DOWNLOAD PHONE NUMBER	☐☐☐☐☐☐☐☐☐☐ ☐☐☐☐☐☐☐☐☐☐ 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, 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.

Field	Function	Programmed Values [ ] = Table 1 Default Value
✱95	RING DETECT COUNT FOR DOWNLOADING/REMOTE PHONE CONTROL MODE	☐ [15] 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	INITIALIZE DOWNLOAD ID & SUBSCRIBER ACCOUNT	No entry required
✱97	SET ALL PROGRAM FIELDS TO 1 OF 4 SETS OF DEFAULT VALUES	Enter 1-4 to select from default tables 1-4 Enter 0 to abort.
✱98	EXITS PROGRAMMING MODE (PREVENTS RE-ENTRY)	If ✱98 is used to exit programming mode, you can not enter the Installer Code + 8+ 0 + 0 for re-entry. You must press "✱" and "#" within 50 seconds of power up or from exiting Programming mode to re-enter Programming mode. **Note:** After exiting Program mode, the system takes up to 1 minute to reset. To bypass the reset delay, press [#] + [0].
✱99	EXITS PROGRAMMING MODE (ALLOWS RE-ENTRY)	Installer Code + 8 + 0 + 0 or: Power-up, then press "✱" and "#" within 50 seconds of power up or from exiting Programming mode. **Note:** After exiting Program mode, the system takes up to 1 minute to reset. To bypass the reset delay, press [#] + [0].

*56 ENHANCED ZONE PROGRAMMING

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

Notes: (1) Entering a number other than the one specified may give unpredictable results.
(2) You may find it convenient to adjust the volume setting before entering the Programming Mode. This will allow you to clearly hear feedback announcements or system beeps.

A 01

ZONE NUMBER

Enter the 2-digit zone number to be programmed. The system will announce the Voice Descriptor for the selected zone, if it is programmed.

[*] = Continue

00 = exit zone programming mode; upon exiting, the prompt "56" blinks; press

[*] + any field number to go to that field.

- Zone 1 = hard wire zone
- Zones 2-25 = RF transmitter zones (only)
- Zone 26-41 = RF button zones (only)
- Zone 92 = Duress
- Zone 95, 96, 99 = Panic zones

b *zt*

ZONE TYPE

Enter the 2-digit zone type (*zt*) for this zone (see table of zone types on worksheet).
[*] = Continue [if 00 is entered the system will skip to DELETE ZONE PARAMETERS prompt (F)].
[#] = Return to previous prompt

C *rc*

REPORT CODE

Enter the report code (*rc*) for this zone.
Report consists of 2 hexadecimal digits, each composed of 2 numerical digits (A = 10, B = 11, C = 12, D = 13, E = 14, F = 15; see Report Code description for explanation of codes).
[*] = Continue; If this is zone 1, 95, 96 or 99, 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)
4 = Unsupervised RF (UR)
5 = Button type (BR)
[*] = Continue
[#] = Return to previous prompt

Note
Zones 2-25 should be assigned as Input Type 3 or 4 and Zones 26-41 should be assigned as Type 5 only.

E *l*

LOOP NUMBER or LOOP AND SERIAL NUMBER (if using RF Learning)

Note: It is not necessary to manually enter a Loop Number if using the RF Learning Mode.

RF Learning - Two (2) transmissions (two key depressions at least five seconds apart) will be required for BR type devices (device type 5). Two beeps will sound after the second transmission, confirming that the loop number and serial number have been learned.
For all other device types, four (4) transmissions are required (fault, restore and fault, restore). A single beep will sound after the second transmission confirming that the loop and serial number have been captured. Following the fourth transmission the system will confirm that the loop and serial number have been learned by announcing the Voice Descriptor for the zone, if it is programmed, followed by two beeps.

Note: BR type devices cannot be enrolled by using UR or RF type. Likewise, UR or RF type devices cannot be enrolled by using a BR type device. There is a 52-second time-out for RF enrolling. At the end of the time-out, the system returns to the INPUT TYPE prompt (d). If enrolled, loop number and "L" are displayed.

Manual Entry - Enter the desired loop number and press[*] to continue (see the transmitter's Installation Instructions for specific loop designations). If "L" is displayed the zone's serial number has already been enrolled.

Note: The loop number can be changed even if the zone has already been entered. Care should be taken when using this feature as it has the capability to make zones inoperable by creating a mismatch of a working serial number/loop number combination. This should be re-confirmed if the loop number is changed.

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

1-4 = Loop number for the zone of the transmitter being entered or learned

F

DELETE ZONE PARAMETERS
0 = Discard the delete request.
1 = Confirm the requested delete.
If 00 is entered in the zone type, confirmation of the delete request will delete all information associated with zone currently being programmed.

If 0 is entered in the loop number, confirmation of the delete request will delete the serial number associated with zone currently being programmed.

Note: 00 was entered as a zone type in prompt (b), 00 will be retained and system will advance to prompt (1C).

1A LC

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) (If "L" is not displayed).
2 = Copy the last serial number from the local memory buffer (If "L" is not displayed).
3 = View existing serial number. (Only if "L" is displayed).
9 = Delete existing serial number. (Only if "L" is displayed).
[*] = Advance to the VOICE DESCRIPTOR prompt (1C). This will save all zone parameters.
[#] = Return to the loop number prompt (E).

Notes: (1) "L" will be displayed only if transmitter was already learned.
(2) The system will announce the Voice Descriptor for the selected zone, if it is programmed, followed by three beeps and "C" will be displayed only after confirmation.

1b

SERIAL NUMBER
Manually enter the transmitter's 7-digit serial number (printed on the transmitter). If an incorrect digit is entered, press the [#] key to return to prompt (1A).

Note: In order for all parameters to be accepted, you must advance to prompt (1C).

When all 7 digits are entered, press the [*] key. The serial number will be copied into EEROM and the local memory buffer and the system will return to the (1A) prompt and "L" will be displayed. If 52 seconds pass and no entry is been made, the system will return to prompt (1A).

1C

VOICE DESCRIPTOR
0 = Skip to next zone (A)
1 = Enter descriptor mode (existing zone descriptor will be announced, then descriptor 1 will be repeated)

1d *vi*

DESCRIPTOR 1
Enter [#] + 2-digit vocabulary index† number (*vi*) 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

1E *vi*

DESCRIPTOR 2
Enter [#] + 2-digit vocabulary index† number (*vi*) 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

1F *vi*

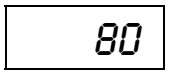
DESCRIPTOR 3
Enter [#] + 2-digit vocabulary index† number (*vi*) of third descriptor word for this zone.
To change the entered index number, press [#] + desired index number.
6 or 8 = accept word and advance to next zone (prompt A) – zone descriptor will be announced
Press any other key to repeat the selected word

† See *84 ASSIGN ZONE VOICE DESCRIPTORS section for Vocabulary Index.

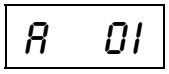
*80 DEVICE PROGRAMMING

Use this mode to program Powerline Carrier Devices or zone lists for Chime by Zone feature. Press *80 while in programming mode.

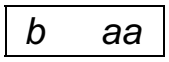
Note: Entering a number other than the one specified may give unpredictable results.



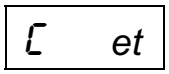
Device Programming
0 = Exit mode, upon which this prompt blinks.
1 = Enter mode



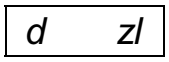
DEVICE NUMBER
Enter the 2-digit device number (01-08) to be programmed
[*] = Continue
00 = Exit Device Programming mode (displays blinking 80; enter * + desired data field or menu mode number)



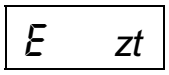
DEVICE ACTION
Enter the 1-digit action, 0-3, for the device being programmed (current action is displayed).
0 = No response
1 = Close for 2 seconds
2 = Close and stay closed
3 = Pulse on and off
[*] = Continue
[#] = Return to previous prompt



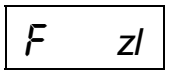
START EVENT TYPE (if applicable)
Enter the 1-digit start event type, 0-3, for the device being programmed.
0 = Not used
1 = Alarm
2 = Fault
3 = Trouble
[*] = Continue
[#] = Return to previous prompt



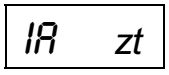
START ZONE LIST (if applicable)
Enter the 1-digit zone list number, 1-3, or 0 if not used, for the device being programmed.
[*] = Continue
[#] = Return to previous prompt



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

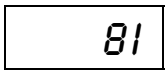


STOP ZONE TYPE (if applicable)
Enter the 2-digit stop zone type for the device being programmed (see Powerline Carrier Device Worksheet for zone type/system operation codes later in this manual).
[*] = Return to Device Number prompt (A)
[#] = Return to previous prompt

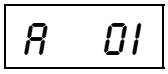
*81 ZONE LISTS

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.

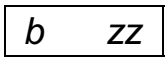
Note: Entering a number other than the one specified may give unpredictable results.



ZONE LIST PROGRAMMING
0 = Exit mode, upon which this prompt blinks.
1 = Enter mode



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)



ZONE ENTRY TO LIST
Enter the 2-digit zone number (*zz*) to be added to this zone list. The system will announce the Voice Descriptor for the selected zone, if it is programmed.
[*] = Accept zone number and enter the next zone number
00 = Accept zone number and continue to next prompt

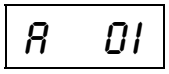
DELETE ENTIRE ZONE LIST?
0 = Don't delete; continue to next prompt
1 = Delete the current zone list

DELETE SPECIFIC ZONES FROM LIST?
0 = Don't delete; continue to next zone list number (prompt A 01)
1 = Continue to delete zones prompt

DELETE ZONES
Enter the 2-digit zone number to be deleted from the current zone list. When deleting a zone(s) from the zone list, if the selected zone has a Voice Descriptor programmed, upon deletion it will be announced as a confirmation that it has been deleted.
[*] = Delete zone and enter next zone to be deleted
00 = Return to next zone list number (prompt A 01)

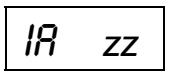
*83 ENHANCED SEQUENTIAL MODE

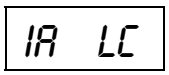
Use this mode to enter transmitter serial numbers. Press *83 while in programming mode.



ZONE NUMBER

Enter the 2-digit zone number of the first transmitter to have its serial number entered. The system will announce the Voice Descriptor for the selected zone if it has been programmed.
[*] = Continue; system searches for zones not yet entered, (for zones 2 to 25 a zone type must be entered) then advances to ENROLL SERIAL NUMBER prompt (1b).
00 = Exit Sequential mode, upon which the prompt “83” blinks.



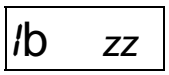


ENROLL MODE

0 = Advance to next unlearned zone.
1 = Enter now and proceed to SERIAL NUMER prompt (1b). For 4-button keys (zones 26-29, 30-33, 34-37 and 38-41) the serial number will be learned to all four buttons.
2 = copy the previous serial number entry from the buffer.

Notes: Before you can copy a serial number you must first enter a serial number. If no serial is stored in the buffer and a copy is attempted the panel will emit a long beep indicating an invalid operation.

3 = View existing serial number. (Only if “L” is displayed. If “L” is not displayed, panel will emit a long beep. Each digit will be displayed and the keypad will beep once for digits 1-6 and three times for last digit.
4 = Copy the 4-button key template set for zones 26 - 29 (includes all zone parameters except serial numbers). Only valid on 4-button key zones 30-33, 34-37 and 38-41 that do not have serial numbers learned. (Template acceptance is indicated by two beeps after copying. A single long beep emitted when copying templates indicates the template is not valid.)
9 = Delete existing serial number. Go to the (1A) prompt. (For 4-button key zones 26-29, 30-33, 34-37 and 38-41, deletes all four at once.)
[*] = Advance to the next unlearned zone.
[#] = Return to previous prompt (1A).



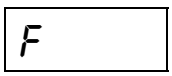
SERIAL NUMBER

This prompt can be used to enroll the transmitter serial number via RF transmission or manually.
RF Learning - Two (2) transmissions (two key depressions at least five second apart) will be required for BR type or four (4) transmissions (fault, restore and fault, restore) for UR or RF type. BR type devices can be enrolled only by transmission from BR devices. Likewise, UR and RF devices can only be enrolled by transmission from a UR or RF device.
If the learned serial number has a different loop number than that entered in *56 the system will announce the Voice Descriptor, if it is programmed, followed by two beeps and will return to Prompt (1A) and “L” will be displayed.

If the loop number captured by RF transmission and that entered in *56 mode match, the system will announce the Voice Descriptor, if it is programmed, followed by three beeps and return to Prompt (1A) and “LC” will be displayed. No additional transmissions are needed for confirmation.

Manual Entry - Enter the 7-digit serial number printed on the transmitter. If you enter an incorrect digit, press the [#] key to backup to prompt (1A) and start over. When all 7 digits are entered, press the [*] key. If less than 7 digits are entered, the keypad will emit a single long beep and return to the (1A) prompt without displaying the “L”. If more than 7 digits have been entered, the first 6 digits will be saved along with the last digit that was entered (entering 123456789 yields the serial number 1234569).

Note: If 52 seconds passes and no entry has been made, the system returns to prompt (1A).



DELETE ZONE PARAMETERS CONFIRMATION

0 = Discard the delete request.
1 = Confirm requested delete.

*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: Entering a number other than the one specified may give unpredictable results.

84	**ASSIGN ZONE VOICE DESCRIPTORS** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A zz	**ZONE NUMBER** Enter the 2-digit zone number (zz) for which this descriptor is being assigned. The Voice Descriptor for the selected zone will be announced, if it is programmed. [*] = 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
C 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

A
82 ALARM
32 ATTIC

B
01 BABY
33 BACK
34 BASEMENT
35 BATHROOM
36 BEDROOM

C
83 CHECK

D
37 DELAY DOOR
38 DEN
02 DETECTOR
03 DINING
39 DINING ROOM
04 DOOR
40 DOWNSTAIRS
05 DRIVEWAY

E
06 EAST
41 EIGHT
42 EMERGENCY

F
43 FAMILY ROOM
87 FIRE
44 FIRE DETECTION
07 FIRST FLOOR
45 FIVE
08 FLOOR
46 FOUR
47 FRONT

G
48 GARAGE
49 GUEST ROOM
09 GUN

H
50 HALL

I
10 INSIDE

K
51 KITCHEN

L
11 LAUNDRY
52 LAUNDRY ROOM
12 LIBRARY
13 LIVING
53 LIVING ROOM

M
14 MAIN
15 MASTER
54 MASTER BEDROOM
55 MEDICAL
84 MESSAGE
56 MOTION DETECTOR

N
57 NINE
16 NORTH
58 NURSERY

O
59 OFFICE
60 ONE
17 OUTSIDE

P
61 PATIO
62 POLICE
18 POOL

R
63 REAR
19 ROOM

S
64 SECOND FLOOR
65 SEVEN
20 SHED
21 SHOP
66 SIDE
67 SILENT POLICE
68 SIX
69 SLIDING
22 SMOKE
23 SOUTH
24 STORAGE
85 SYSTEM

T
25 THIRD FLOOR
75 THREE
76 TRANSMITTER
77 TWO

U
78 UPSTAIRS
26 UTILITY
79 UTILITY ROOM

W
27 WEST
80 WINDOW

Y
28 YARD

Z
81 ZERO
86 ZONES

29 1ST
30 2ND
31 3RD

70 Custom Word #1
71 Custom Word #2
72 Custom Word #3
73 Custom Word #4
74 Custom Word #5
99 Blank (to erase previously 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.
1 = Enter mode

A 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 [8] + [#] to start recorder. Begin 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 ENHANCED ZONE PROGRAMMING WORKSHEET

Fill in the required data on this worksheet, then follow the programming procedure in the Installation and Setup Guide.

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

Zone Description	Zone No. (a 01)	Zone Type (zt)	Alarm rpt code (hex) (rc)	Vocabulary Index
Wired Zone 1	01	[00]	[00 00]	
Duress	92	— —	[01 00]	
Keypad Panic (1 & ✱)	95	[09]	[01 00]	
Keypad Panic (3 & #)	96	[08]	[01 00]	
Keypad Panic (✱ & #)	99	[06]	[01 00]	

Note: Zone 1 cannot be used as a fire zone.

Zone No. (A 01)	Zone Type (zt)	Alarm Report Code in hex (rc)	Input Type (I)	Loop No. (l)	Transmitter Serial Number	Vocabulary Index
0|2	[01]	[01 00]	[3]	[2]		[47-04-99]
0|3	[01]	[01 00]	[3]	[2]		[33-04-99]
0|4	[03]	[01 00]	[3]	[2]		[80-99-99]
0|5	[10]	[01 00]	[3]	[1]		[56-99-99]
0|6						
0|7						
0|8						
0|9						
1|0						
1|1						
1|2						
1|3						
1|4						
1|5						
1|6						

Zone No. (A 01)	Zone Type (zt)	Alarm Report Code in hex (rc)	Input Type (I)	Loop No. (I)	Transmitter Serial Number	Vocabulary Index
1|7						
1|8						
1|9						
2|0						
2|1						
2|2						
2|3						
2|4						
2|5						
Button Zones						
2|6	[21]	[01 00]	[5]	[3]		
2|7	[22]	[01 00]	[5]	[2]		
2|8	[20]	[01 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	[20]	[01 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), 2-25 (RF) only, 26-41 (Button) only, 92 (duress), 95, 96, 99 (panic)

zt = ZONE TYPE

00 = Not Used	04 = Interior Follower	08 = 24 Hr Aux	21 = Arm–Away
01 = Entry/Exit #1	05 = Trouble Day/Alarm Night	09 = Fire without Delay	22 = Disarm
02 = Entry/Exit #2	06 = 24 Hr Silent	10 = Interior with Delay	23 = No Alarm Response
03 = Perimeter	07 = 24 Hr Audible	20 = Arm–Stay	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

Zones 2-25 should be assigned as Input Type 3 or 4 and Zones 26-41 should be assigned as Type 5 only.

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.

UL **Powerline Carrier Devices are not UL Listed for fire or burglary functions and are intended for home automation.**

*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.

		START either or both			STOP either or both	
DEVICE NUMBER	**ACTION (aa)**	**EVENT TYPE** (et)	**ZONE LIST** (zl)	**ZONE TYPE SYS OPERATION (zt)**	***RESTORE* ZONE LIST (zl)**	**ZONE TYPE/ SYS OPERATION (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**						
SYS. P.L.C.D.*† **07**						
SYS. P.L.C.D.*† **08**	[2]			[33]		[36]

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

Note: If using an X-10 Powerhouse Security SH10A Siren as device 8, you must change the action default to "3" if using default table 4.

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.
	Z L = 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 types 20, 21, or 22 to a zone list.
	ZT = ZONE TYPE/ SYSTEM OPERATION	**Choices for Zone Types are:** 00 = Not Used; 04 = Interior Follower; 08 = 24 Hr Aux 01 = Entry/Exit#1; 05 = Trouble Day/Alarm Night; 09 = Fire Zone 02 = Entry/Exit#2; 06 = 24 Hr Silent; 10 = Interior w/Delay 03 = Perimeter; 07 = 24 Hr Audible; 24= Silent Burglary **Note**: *Any* zone in "ZT" going into alarm, fault, or trouble will activate device with the exception of 01, 02 when the system is in alarm. *Any* zone that restores will stop device action. **Choices for System Operation are:** 20 = Arming–Stay; 33 = Any Alarm (except ZT=08); 42 = System Battery Low 21 = Arming–Away; 36 = *At Bell Timeout; 43 = Communication Failure 22 = Disarming (Code + OFF); 38 = Chime; 52 = Kissoff 31 = End of Exit Time; 39 = Any Fire Alarm; 58 = Duress 32 = Start of Entry Time; 40 = Bypassing * Or at Disarming, whichever occurs earlier.

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.

Note: Record desired zone numbers below. More or fewer boxes than shown may be needed, since any list may include *any* or *all* of a system's zone numbers.

Zone List 1: Started or stopped by zone numbers (enter 00 to end entries).

																			.etc. [28][32]

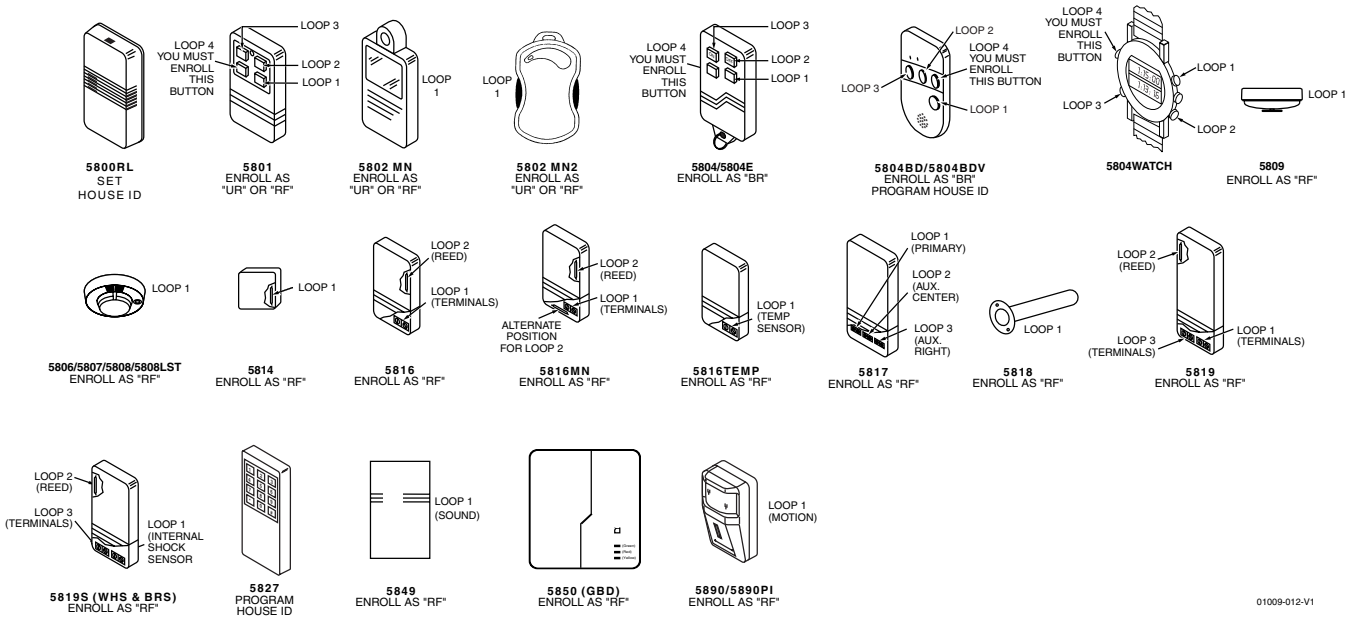
Zone List 2: Started or stopped by zone numbers (enter 00 to end entries).

																			.etc. [29][33]

Zone List 3: Started or stopped by zone numbers AND/OR assignment of Chime zones (enter 00 to end entries)

																			.etc.[02][03]

5800 SERIES LOOP NUMBERS



Note: You must enroll loop 4 on the 5801, 5804/5804E, 5804BD/5804BDV and 5804WATCH transmitters, regardless of whether it is used or not.

UL **The 5800RL, 5802MN, 5802MN2, 5804, 5804BD, 5804BDV, 5804E, 5804WATCH, 5808LST, 5814, 5816TEMP, 5819, 5819S(WHS & BRS), and 5850(GBD) transmitters are not intended for any UL installations.**

SPECIAL MESSAGES

EE = Data Entry Error (invalid field number entered while programming; 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)

dI = Displayed approximately 4 seconds after powering up. This will revert to the Real-time Clock in approximately 1 minute and the green "READY" LED should light. To bypass this delay, press: [#] + [0]. If "**dI**" remains displayed for more than one minute the system is disabled.

PC = Remote phone control feature is active

PH = Speaker phone mode feature is active

90 = RF Jam

MONITRONICS LYNXR-EN PROGRAMMED VALUES

The following table summarizes the values have been programmed into the Monitronics LYNXR-EN at the factory and replace the Table 1 values that are shown in the Installation Guide. Loading any other default table will override these programmed values.

Function		Entry
*20	Installer code	4,1,1,2
*21	Quick arm enable	1
*22	Keypad backlight timeout	0
*23	Forced bypass	0
*24	RF house ID code	0,0
*25	Powerline carrier device house code	0
*26	Chime-by-zone	0
*27	Real-time clock display	1
*28	Not used	---
*29	Daylight saving time start/end month	4,10
*30	Daylight saving time start/end weekend	1,5
*31	Single alarm sounding per zone	0
*32	Fire sounder timeout	0
*33	Alarm bell timeout	1
*34	Exit delay	7,0
*35	Entry delay 1 (zone type 01)	3,0
*36	Entry delay 2 (zone type 02)	6,0
*37	Audible exit warning/quick exit	1,1
*38	Confirmation of arming ding	0
*39	Power up in previous state	1
*40	PABX access code	---
*41	Standard phone number	Not viewable
*42	Two way voice phone number	Not viewable
*43	Standard subscriber account number	15,15,15,15
*44	Two way voice subscriber account number	15,15,15,15
*45	Not used	---
*46	End user telephone no.	---
*47	Phone system select	1
*48	Report format for Standard/Two-way	7,7
*49	Central station/Pager reporting/Follow me	0
*50	15 second dialer delay (burglary)	1
*51	Periodic test report	3
*52	First test report offset	3
*53	Sescoa/radionics select	0
*54	Lack of usage notification	0
*55	Not used	---
*56	Enhanced zone programming	*56 table
*57	Not used	---
Master User Code		**1,2,3,4**

Function		Entry
*58	RF jam detection	0
*59	Exit error report code	0
*60	Trouble report code	1,0
*61	Bypass report code	0,0
*62	AC loss report code	1,0
*63	Low battery report code	1,0
*64	Test report code	1,0
*65	Open report code	0
*66	Arm away/stay report code	0,0
*67	RF transmitter low battery report code	1,0
*68	Cancel report code	0,0
*69	Not used	---
*70	Alarm restore report code	0
*71	Trouble restore report code	1,0
*72	Bypass restore report code	0,0
*73	AC restore report code	1,0
*74	Low battery restore report code	0,0
*75	RF transmitter low batt. restore report code	0,0
*76	Test restore report code	0,0
*77	Not used	---
*78	Not used	---
*79	Not used	---
*80	Powerline carrier devices	*80 table
*81	Zone lists for devices	*81 table
*82	Not used	---
*83	Enhanced sequential mode	*83 table
*84	Assign zone voice descriptor	*84 table
*85	Record custom voice descriptors	*85 table
*86	Not used	---
*87	Auxiliary function/ 1-button paging	0
*88	Pager characters	---
*89	Event log 80% full report code	0,0
*90	Event logging	15
*91	LRR/AAV/Remote Phone Control	4
*92	Number of reports in armed period	0
*93	Flexible call back	0
*94	Download phone number	1,8,0,0,6,8,2,1,6,9,0
*95	Ring detect count for downloading	15

Note: The defaults shown for fields *90 and *94 also apply to Tables 2 - 4.

*56 ZONE ASSIGNMENT/ALARM REPORT CODES

Zone No.	Zone Type	Code	Input	Loop	Descriptor
01	00	0,0	HW	---	
02	01	1,0	3 (RF)	2	47,04 (FRONT DOOR)
03	01	1,0	3 (RF)	2	33,04 (BACK DOOR)
04	03	1,0	3 (RF)	2	80 (WINDOW)
05	10	1,0	3 (RF)	1	56 (MOTION DETECTOR)
26	21	1,0	5 (BR)	3	
27	22	1,0	5 (BR)	2	
28	20	1,0	5 (BR)	4	
29	23	0,0	5 (BR)	1	
30	21	1,0	5 (BR)	3	
31	22	1,0	5 (BR)	2	
32	20	1,0	5 (BR)	4	
33	23	0,0	5 (BR)	1	
92	---	1,0	---	---	
95	09	1,0	---	---	
96	08	1,0	---	---	
99	07	1,0	---	---	

Notes: 1. Zone 1 is a hardwire zone; Zone 2 through 41 are RF zones; Zone 92 is Duress; Zones 95, 96 and 99 are keypad panic
2. The defaults shown for Zones 92 - 99 also apply to Tables 2 - 4.

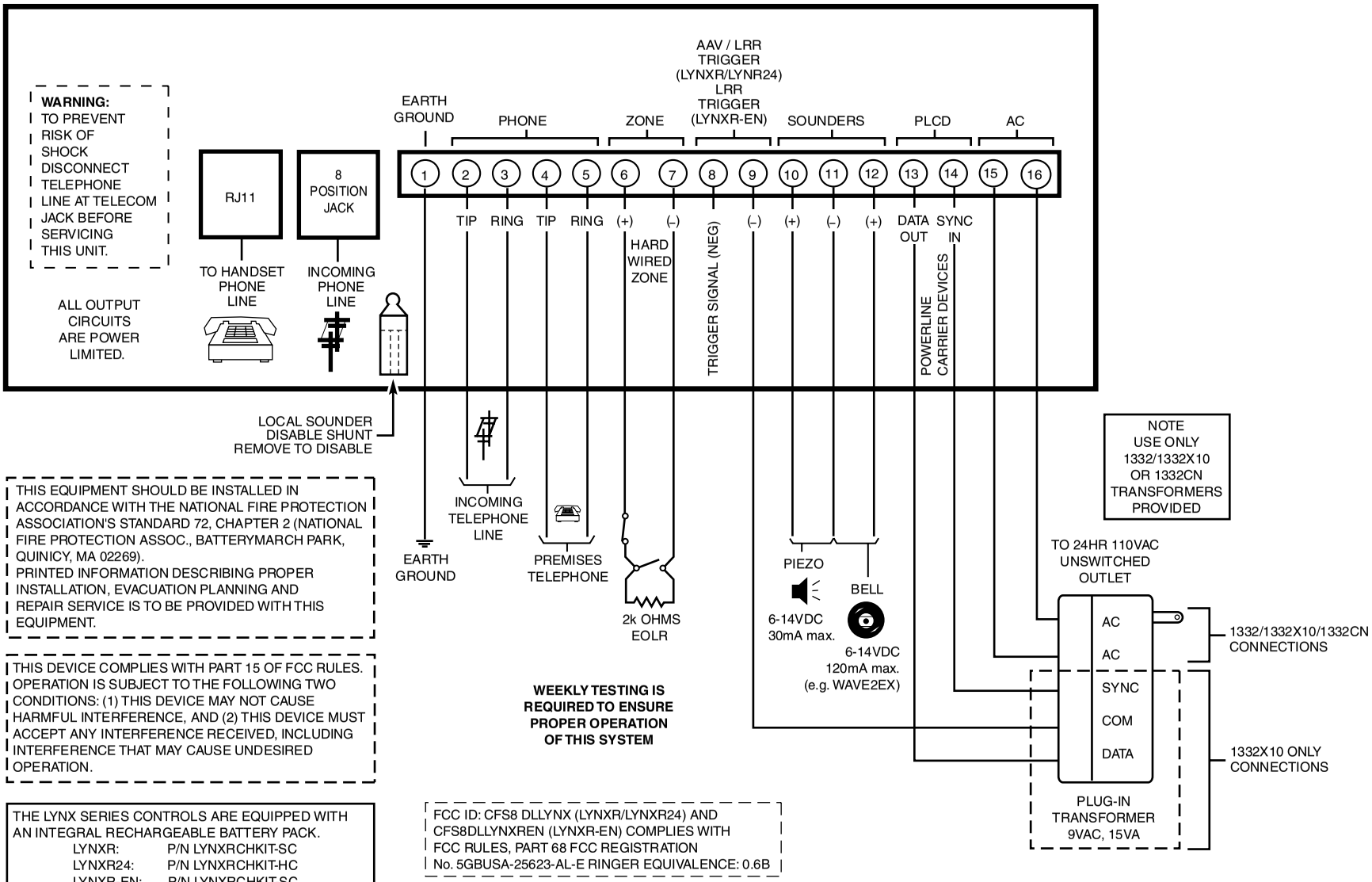
*80 OUTPUT DEVICES

		Start			Stop	
Device Number	Action	Event	Zone List	Zone Type System Operation	Restore of Zone List	Zone type System operation
8	2			33		36

Note: Device numbers 1-7 have no default values

*81 ZONE LISTS FOR OUTPUT DEVICES

Zone List	Zone No.
Zone List 1	28,32
Zone List 2	29,33
Zone List 3	02,03



LYNXR SERIES SUMMARY OF CONNECTION

01009-016-V0

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K5965MTV1 (bx) 1/03