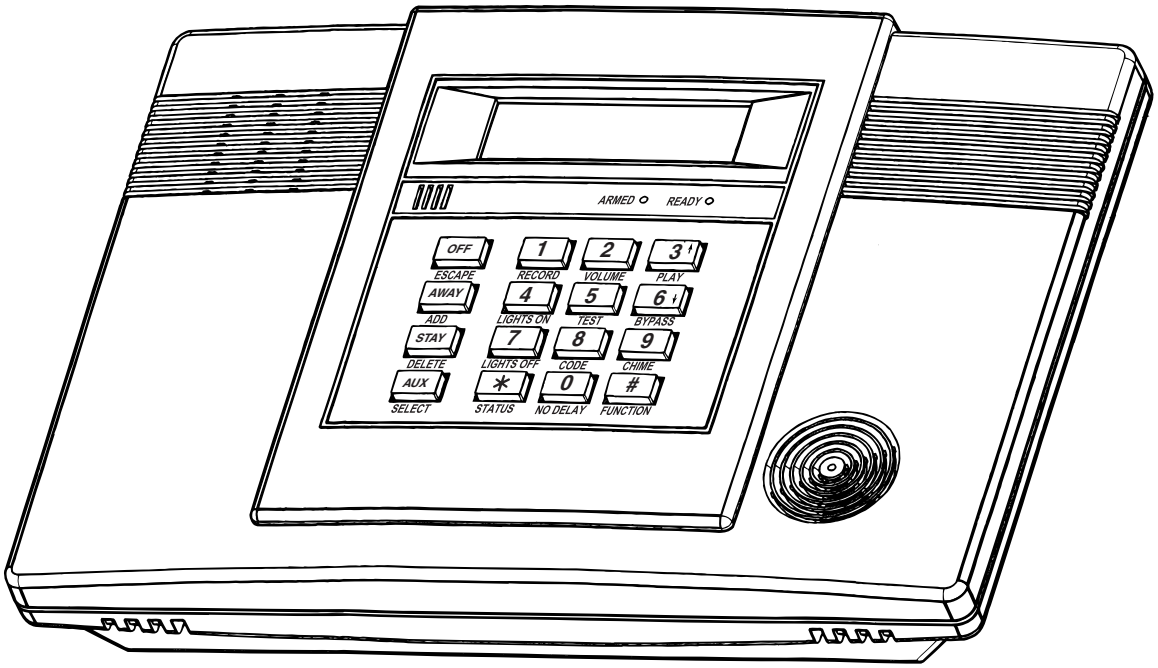
Honeywell

ADEMCO LYNXR-ISIA Security Systems

Programming Guide



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

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

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 field 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.

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 = 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
ZONE SOUNDS AND TIMING (✻ 31– ✻ 39)		
✻31	SINGLE ALARM SOUNDING/ZONE	☐ † [0] 0 = Alarm Sounding Per Zone will be the same as the Swinger Shutdown" set in field *92; 1 = yes, limit once per arming period (also applies to long range radio output if "0" is selected in ✻91 field) UL installations = 0

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

Field	Function	Programmed Values [ ] = Table 1 Default Values
✱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	[ ][ ] †[60] 45-99 = exit delay time (in seconds). 97 = 120 sec delay **UL installations** = 60 seconds max. **Note:** The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value “60”, which is displayed on the keypad, and advances to the next field. **SIA:** Must be set to a minimum of 45 seconds.
✱35	ENTRY DELAY 1 (zone type 01)	[ ][ ] † [30] 30-96 = entry delay 1 time (in seconds); 97 = 120 sec delay 98 = 180 sec delay 99 = 240 sec delay **UL installations** = 45 seconds max. **Note:** The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value “30”, which is displayed on the keypad, and advances to the next field. **SIA:** The entry delay must be set to a minimum of 30 seconds. The sum of entry delay 1 entered in Field *35 and the burglary abort window entered in *50 should not exceed 1 minute.
✱36	ENTRY DELAY 2 (zone type 02)	[ ][ ] † [30] 30-96 = entry delay time 2 (in seconds); 97 = 120 sec delay 98 = 180 sec delay 99 = 240 sec delay **UL installations** = 45 seconds max. **Note:** The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value “30”, which is displayed on the keypad, and advances to the next field. **SIA:** The entry delay must be set to a minimum of 30 seconds. The sum of entry delay 2 entered in Field *36 and the burglary abort window entered in *50 should not exceed 1 minute.
✱38	CONFIRMATION OF ARMING DING **Note:** If LYNX is armed by RF button (key fob), a confirmation ding occurs immediately after arming regardless of field *38 settings. If LYNX is disarmed by RF button (key fob), additional disarming confirmation ding is provided. The ding occurs immediately after disarming and is longer than arming confirmation ding.	[ ] † [0] 0 = no arming confirmation ding after arming system by LYNXR keypad or RF keypad; 1 = arming confirmation ding after arming system by LYNXR keypad or RF keypad; 2 = arming confirmation ding after arming from RF keypad only If Option 1 is selected, confirmation of arming is provided by a 1/2 second sounder “ding” that sounds when closing report is sent, or at the end of exit delay. If Option 2 is selected the external sounder “ding” occurs immediately after arming from an RF keypad. **Note:** Confirmation ding only sounds when LYNX is Armed Away or disarmed after being Armed Away.

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

Field	Function	Programmed Values	[ ] = Table 1 Default Values

✱39 CROSS ZONE TIMER

Value	Time Window
0 =	No Cross Zoning
1 =	15 seconds
2 =	30 seconds
3 =	45 seconds
4 =	60 seconds
5 =	1 minute, 15 seconds
6 =	1 minute, 30 seconds
7 =	1 minute, 45 seconds
8 =	2 minutes
9 =	2 minute, 15 seconds
#+10 =	2 minute, 30 seconds
#+11 =	2 minute, 45 seconds
#+12 =	3 minutes
#+13 =	3 minute, 15 seconds
#+14 =	3 minute, 30 seconds
#+15 =	3 minute, 45 seconds

Note: If option ✻39 is set to "0" Zone List 2 can be used for other purposes.
UL This option is not for use in UL installations.

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/CALL WAITING DISABLE

☐☐☐☐☐☐

Enter 6 digits. If fewer than 6 digits are entered, pressing ✻ advances to the next field. To clear entries from field, press ✻40✻

Or
Enter"# + 11 + 7 + 0" to program the touch-tone sequence "*70" and cancel call waiting.

If Call Waiting Cancel is enabled in Field ✻47, Call Waiting Cancel command (✻70 or similar depending on a phone service provider) should be entered in Field ✻40. Otherwise PABX access code should be entered in the field.

Important Note:
If Call Wait Cancel is disabled in Field ✻47, and Call Wait Disable command is entered in Field ✻40, this will prevent successful communication to the central station when used on a non-call waiting line.

Note: PABX number and operation of the control panel with a PBX system cannot be used if the Call Waiting Cancel Disable option has been enabled in Field ✻47.

✱41 PRIMARY PHONE NUMBER

☐☐☐☐☐☐☐☐☐☐

☐☐☐☐☐☐☐☐☐☐

Enter up to 20 digits; Do not fill unused spaces. If fewer than 20 digits entered, pressing ✻advances to the 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, pressing ✻advances to the next field. To clear entries from field, press ✻41✻.

All four digits of the subscriber account number must be entered in Fields ✻43 and ✻44. If ten digit format is selected in ✻48 (option 5), all ten digits of the Subscriber Account number must be entered.

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

For fields ✻43, ✻44:
Enter 4 to 10 digits. 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. Enter [✻] as the fifth digit if a 4-digit account number (for 3+1, CID®) is used.
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. **1234567890**, enter:

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | ; For Acct. **123**, enter: | 1 | 2 | 3 | ✻ |

✻43 PRIMARY SUBS ACCT # ☐☐☐☐☐☐☐☐☐☐ See note above.

✻44 SECONDARY SUBS ACCT # ☐☐☐☐☐☐☐☐☐☐ See note above.

For field ✻46
Enter up to 24 digits. Enter 0-9, #+11 for '✻'; #+12 for '#'; #+13 for a pause (two seconds).

✻46 "FOLLOW ME" REMINDER PHONE 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 ☐ † [5]

Note: If Call Waiting Cancel feature is enabled, make sure to enter Call Wait Cancel command in Field *40.

Central Station	Dialing Mode			
	Pulse	**Tone**	**Pulse**	**Tone**
No WATS	0 = No Speaker Phone Call Wait Cancel Disabled	1 = No Speaker Phone Call Wait Cancel Disabled	4 = With Speaker Phone Call Wait Cancel Disabled	5 = With Speaker Phone Call Wait Cancel Disabled
WATS	2 = No Speaker Phone Call Wait Cancel Disabled	3 = No Speaker Phone Call Wait Cancel Disabled	6 = With Speaker Phone Call Wait Cancel Disabled	7 = With Speaker Phone Call Wait Cancel Disabled
No WATS	8 = No Speaker Phone Call Wait Cancel Enabled	9 = No Speaker Phone Call Wait Cancel Enabled	12 = With Speaker Phone Call Wait Cancel Enabled	13 = With Speaker Phone Call Wait Cancel Enabled
WATS	10 = No Speaker Phone Call Wait Cancel Enabled	11 = No Speaker Phone Call Wait Cancel Enabled	14 = With Speaker Phone Call Wait Cancel Enabled	15 = With Speaker Phone Call Wait Cancel Enabled

✻48 REPORT FORMAT for PRIM./SEC ☐ ☐ [7, 7]
Primary Secondary

Note: Option 5 or 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
5 = ADEMCO CONTACT ID® REPORTING WITH 10-DIGIT SUBS ACCT NO.
6 or undefined = 4+2 ADEMCO EXPRESS
7 = ADEMCO CONTACT ID® REPORTING WITH 4-DIGIT SUBS ACCT NO.
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

✻49 SPLIT/DUAL REPORTING

☐ [0]

0 = Disable (None, unless primary fails)

TO PRIMARY PHONE No.	TO SECONDARY PHONE No.
1 = Alarms, Restore, Cancel	Others
2 = All except Open/Close, Test	Open/Close, Test
3 = Alarms, Restore, Cancel	All
4 = All except Open/Close, Test	All
5 = All	All

TO PRIMARY PHONE No.	TO PAGING** No. (Secondary)
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

** 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 0 and a 3-digit user or zone number. See Installation Instructions for an explanation of the pager code, which takes the following form: AAAAAAAAAAAAAAAA-EEE-0NNN

AAA... = optional 16-digits (see field ✻88)
EEE = 3-digit event code: 911 (alarm), 101 (open), 102 (close), 811 (trouble)
0 = always displayed
NNN = 3-digit user number or zone number, depending on the type of event (EEE) that occurred.

TO PRIMARY PHONE No.	TO SECONDARY ("FOLLOW ME") SYSTEM 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

* Recent close report is sent to primary number

✻50 BURGLARY ABORT WINDOW

☐ † [2]

1 = 15-second abort window
2 = 30-second abort window
3 = 45-second abort window

SIA The sum of the burglary abort window entered in ✻50 and the entry delays entered in either Field ✻35 or ✻36 should not exceed 1 minute.

Note: The control validates the data entered in this field. If the selection is not valid the control emits a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "2", which is displayed on the keypad, and advances to the next field.

✻51 PERIODIC TEST REPORT

☐ † [0]

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

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

Field	Function	Programmed Values [ ] = Table 1 Default Value
✻55	ENABLE/DISABLE LRR/IP COMMUNICATIONS DEVICE	[ ] [0] 0 = disable 1 = enable
✻56	ENHANCED ZONE PROGRAMMING	See procedure in this guide and refer to the Installation Guide.
✻57	FALSE ALARM OPTIONS	[7]

Value	Cancel Alarm Display	Auto Stay Arming	Exit Time Restart/ Reset
0 =	Disabled	Disabled	Disabled
1 =	Disabled	Disabled	Enabled
2 =	Disabled	Enabled	Disabled
3 =	Disabled	Enabled	Enabled
4 =	Enabled	Disabled	Disabled
5 =	Enabled	Disabled	Enabled
6 =	Enabled	Enabled	Disabled
7 =	Enabled	Enabled	Enabled

Note: The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "7", which is displayed on the keypad, and advances to the next field.

✻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) **Note:** For event logging option 2 must be selected.

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	[ ] [1] 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. **Note:** The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "1", which is displayed on the keypad, and advances to the next field.
✻60	TROUBLE REPORT CODE	[|] [1,0]
✻61	BYPASS REPORT CODE	[|] [0,0]
✻62	AC LOSS REPORT CODE	[|] [0,0]
✻63	LOW BAT REPORT CODE	[|] [1,0]

Field	Function	Programmed Values[ ] = Table 1 Default Value
✱64	TEST REPORT CODE	☐☐ [1,0]
		Note: The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "10", which is displayed on the keypad, and advances to the next field.
✱65	OPEN REPORT CODE	☐†† [0] (†† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.)
✱66	ARM AWAY/STAY RPT CODE	☐ ☐†† [0,0] AWAY STAY
✱67	RF XMTR LOW BAT REPORT CODE	☐☐ [1,0]
✱68	CANCEL REPORT CODE	☐☐ [1,0]
		Note: The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "10", which is displayed on the keypad, and advances to the next field.
✱69	RECENT CLOSE REPORT CODE	☐ [1]
		Note: The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "1", which is displayed on the keypad, and advances to the next field.
RESTORE REPORT CODES (✱70–✱76)		
✱70	ALARM RESTORE RPT CODE	☐ [1] 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	☐☐ [0,0]
✱74	LOW BAT RESTORE RPT CODE	☐☐ [1,0]
✱75	RF XMTR LO BAT RST RPT CODE	☐☐ [1,0]
✱76	TEST RESTORE RPT CODE	☐☐ [0,0]
		Note: The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "10", which is displayed on the keypad, and advances to the next field.

Field	Function	Programmed Values[ ] = Table 1 Default Value
DYNAMIC SIGNALING FIELD ✻77		
✻77	DYNAMIC SIGNALING DELAY/ DYNAMIC SIGNALING PRIORITY	☐|☐ [0, 0] **1st Entry** (delay before switch CS reporting path) 0 = Redundant reporting on dialer and LRR/IP device 1 = 15 seconds 2 = 30 seconds 3 = 45 seconds 4 = 60 seconds 5 = 75 seconds 6 = 90 seconds 7 = 105 seconds 8 = 120 seconds 9 = 135 seconds #10 = 150 seconds #11 = 165 seconds #12 = 180 seconds #13 = 195 seconds #14 = 210 seconds #15 = 225 seconds **2nd Entry** 0 = Primary Dialer Preferred Channel 1 = LRR/IP Preferred Channel 2 = LRR/IP reporting only
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	☐ [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. **Note:** System messages are logged when any non-zero selection is made.

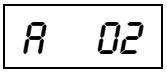
Field	Function	Programmed Values[ ] = Table 1 Default Value
✻91	ALARM AUDIO VERIFICATION (AAV)/REMOTE PHONE CONTROL	☐ [2] 0 = None 1 = AAV and remote phone control 2 = remote phone control only 4 = AAV only **Notes:** (1) In order to activate the remote phone access feature and defeat an answering machine ensure that the correct ring detection count ("15") has been programmed in field ✻95. (2) Remote phone session will be terminated if a report must be sent. (3) Alarm audio verification will only function when Contact ID is selected and cannot be used for UL installations. (4) If an alarm will be reported to primary and secondary phone numbers, AAV can only function via the secondary number. (5) If an alarm will be reported to a pager (6-8 in field ✻49), or the follow me phone number (10-12 in field ✻49), AAV cannot be used.
✻92	SWINGER SHUTDOWN	☐ [1] 1 = shutdown after one alarm 2 = shutdown after two alarms **Note:** The control validates the data entered in this field. If the selection is not valid the control will emit a single long beep indicating that the selection has been rejected. The control replaces the selection with the default value "1", which is displayed on the keypad, and advances to the next field.
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.
✻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 cannot 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].

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

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

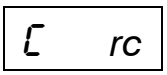
Notes: (1) Entering a number other than the one specified may give unpredictable results.
(2) You may find it convenient to adjust the volume setting before entering the Programming Mode. This will allow you to clearly hear feedback announcements or system beeps.



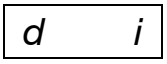
ZONE NUMBER
Enter the 2-digit zone number to be programmed. The system will announce the Voice Descriptor for the selected zone, if it is programmed.
[✻] = Continue
00 = exit zone programming mode; upon exiting, the prompt "56" blinks; press
[✻] + any field number to go to that field.

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

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



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 95, 96 or 99, the system skips to the VOICE DESCRIPTOR prompt (1C)
[#] = Return to previous prompt



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.

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

✻56 ENHANCED ZONE PROGRAMMING PROCEDURE

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*

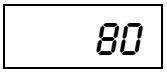
DESCRIPTOR 3
Enter [#] + 2-digit vocabulary index† number (*vi*) of third descriptor word for this zone.
To change the entered index number, press [#] + desired index number.
6 or 8 = accept word and advance to next zone (prompt A) – zone descriptor will be announced
Press any other key to repeat the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

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

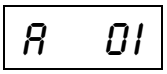
✻80 DEVICE PROGRAMMING

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

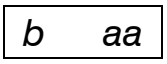
Note: Entering a number other than the one specified may give unpredictable results.



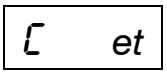
Device Programming
0 = Exit mode, upon which this prompt blinks.
1 = Enter mode



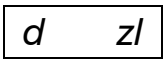
DEVICE NUMBER
Enter the 2-digit device number (01-08) to be programmed
[✻] = Continue
00 = Exit Device Programming mode (displays blinking 80; enter ✻ + desired data field or menu mode number)



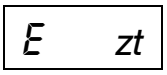
DEVICE ACTION
Enter the 1-digit action, 0-3, for the device being programmed (current action is displayed).
0 = No response
1 = Close for 2 seconds
2 = Close and stay closed
3 = Pulse on and off
[✻] = Continue
[#] = Return to previous prompt



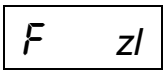
START EVENT TYPE (if applicable)
Enter the 1-digit start event type, 0-3, for the device being programmed.
0 = Not used
1 = Alarm
2 = Fault
3 = Trouble
[✻] = Continue
[#] = Return to previous prompt



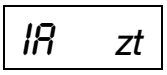
START ZONE LIST (if applicable)
Enter the 1-digit zone list number, 1-3, or 0 if not used, for the device being programmed.
[✻] = Continue
[#] = Return to previous prompt



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

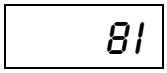


STOP ZONE TYPE (if applicable)
Enter the 2-digit stop zone type for the device being programmed (see Powerline Carrier Device Worksheet for zone type/system operation codes later in this manual).
[✻] = Return to Device Number prompt (A)
[#] = Return to previous prompt

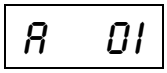
✻81 ZONE LISTS

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.

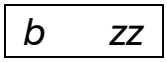
Notes: (1) Entering a number other than one specified will give unpredictable results.
(2) Do not assign zones with zone types 20, 21 or 22 to a zone list.
(3) Zone List 2 should be used for Cross Zoning. When creating zone list 2 for cross zoning, include only zones assigned to zone types 3, 4, or 5. Do not include ones that have delays (entry/exit zones, interior w/delay) or 24-hour zones, as these zone types may produce unpredictable operation and may not function as intended. If field ✻69 has been set to "0" (no cross zoning), then Zone List 2 can be used for other purposes.



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

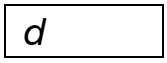


ZONE LIST NUMBER
Enter the 2-digit zone list number (01-03) to be programmed (use zone list 03 for chime by zone feature).
[✻] = Continue
00 = Exit mode (displays blinking 81; enter ✻ + desired data field or menu mode number)



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

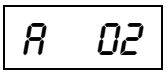


DELETE SPECIFIC ZONES FROM LIST?
0 = Don't delete; continue to next zone list number (prompt A 01)
1 = Continue to delete zones prompt

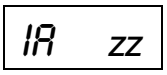
DELETE ZONES
Enter the 2-digit zone number to be deleted from the current zone list. When deleting a zone(s) from the zone list, if the selected zone has a Voice Descriptor programmed, upon deletion it will be announced as a confirmation that it has been deleted.
[✻] = Delete zone and enter next zone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

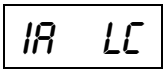
✻83 ENHANCED SEQUENTIAL MODE

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.

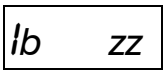




ENROLL MODE
0 = Advance to next unlearned zone.
1 = Enter now and proceed to SERIAL NUMER prompt (1b). For 4-button keys (zones 26-29, 30-33, 34-37 and 38-41) the serial number will be learned to all four buttons.
2 = copy the previous serial number entry from the buffer.

Note: 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)

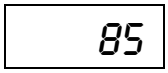
SYSTEM WORDS
(Announced by system – not programmable)
AC LOSS
ARMED
AWAY
BYPASSED
CHIME
DISARMED
DISARM SYSTEM NOW
EXIT NOW
FAULT
INSTANT
LOW BATTERY
NOT
READY TO ARM
STAY

Note: If a Wireless Keypad is being installed along with this system, not all the voice descriptors shown on this list can be announced by keypad. (Refer to the Wireless Keypad documentation for further information).

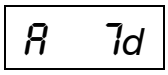
✻85 RECORD CUSTOM VOICE DESCRIPTORS

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.



RECORD CUSTOM VOICE DESCRIPTORS
0 = Exit mode, upon which this prompt blinks.
1 = Enter mode



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 [#] 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 02)	Zone Type (zt)		Alarm rpt code (hex) (rc)		Vocabulary Index
Duress	9 2			[01 00]		
Keypad Panic (1 & ✻)	9 5	— —	[00]	[00 00]		
Keypad Panic (3 & #)	9 6	[00]		[00 00]		
Keypad Panic (✻ & #)	9 9	[06]		[01 00]		

Zone No. (A 02)	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											
1 7											
1 8											
1 9											
2 0											
2 1											
2 2											
2 3											
2 4											
2 5											

Zone No. (A 02)	Zone Type (zt)	Alarm Report Code in hex (rc)	Input Type (i)	Loop No. (l)	Transmitter Serial Number	Vocabulary Index
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 02 = ZONE No. Zone Numbers are 2-25 (RF) only, 26-41 (Button) only, 92 (duress), 95, 96, 99 (panic)

zt = ZONE TYPE

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

l = 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 have not been evaluated by UL.**

✻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 (X10).

Note: If using an X10 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 01 = Entry/Exit#1 02 = Entry/Exit#2 03 = Perimeter 04 = Interior Follower 05 = Trouble Day/Alarm Night 06 = 24 Hour Silent 07 = 24 Hour Audible 08 = 24 Hour Aux 09 = Fire Zone without Verification 10 = Interior with Delay 16 = Fire Zone with Verification 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 21 = Arming–Away 22 = Disarming (Code + OFF) 31 = End of Exit Time 32 = Start of Entry Time 33 = Any Alarm (except ZT=08) 36 = *At Bell Timeout 38 = Chime 39 = Any Fire Alarm 40 = Bypassing 42 = System Battery Low 43 = Communication Failure 52 = Kissoff 58 = Duress * Or at Disarming, whichever occurs earlier.

Note: In normal operation mode:

For Devices 1-6: number	For Devices 7 and 8:	N = device (unit)
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]

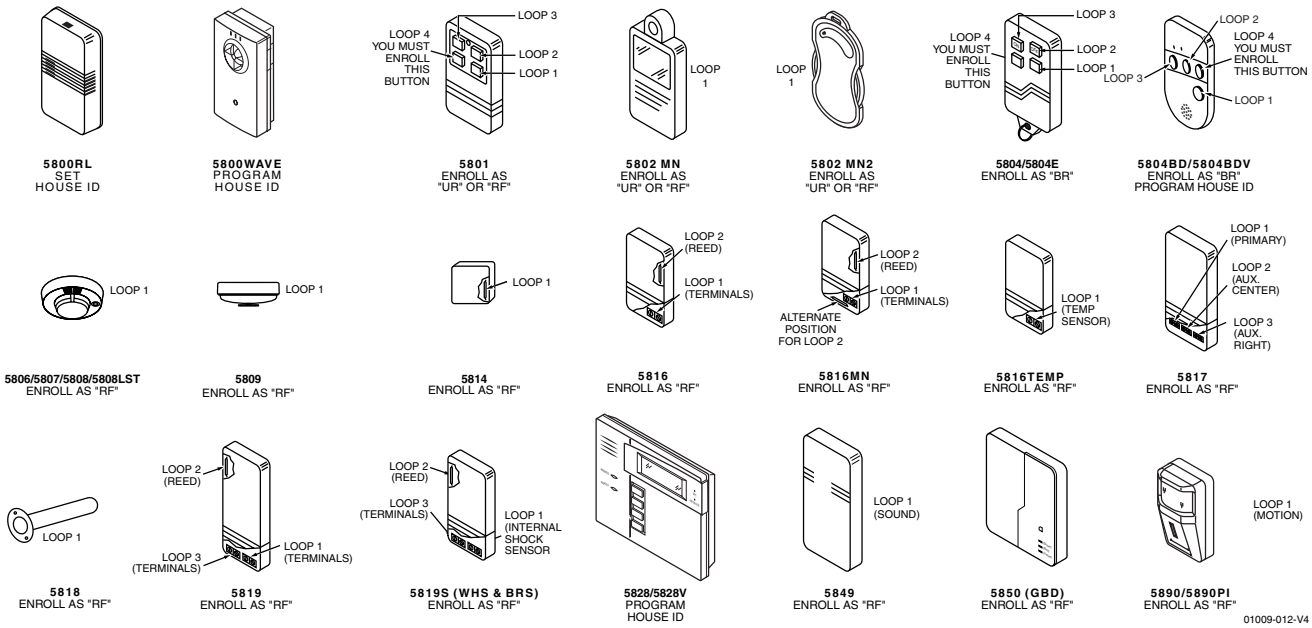
Zone List 2: Started or stopped by zone numbers (enter 00 to end entries).

																			.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



Notes: (1) You must enroll loop 4 on the 5801, 5804/5804E, and 5804BD/5804BDV transmitters, regardless of whether it is used or not.

(2) 5804E encrypted (High-Security) devices must be activated while the system is in Go/No Go Test Mode. Refer to the transmitter's installation instructions for complete details. The system will confirm enrollment of the encrypted device by beeping two times.

(3) The 5806 smoke detector must be used in SIA applications.

UL **The 5800RL, 5802MN, 5802MN2, 5804, 5804BD, 5804BDV, 5804E, 5808LST, 5814, 5816TEMP, 5819, 5819S(WHS & BRS), 5828/5828V 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)

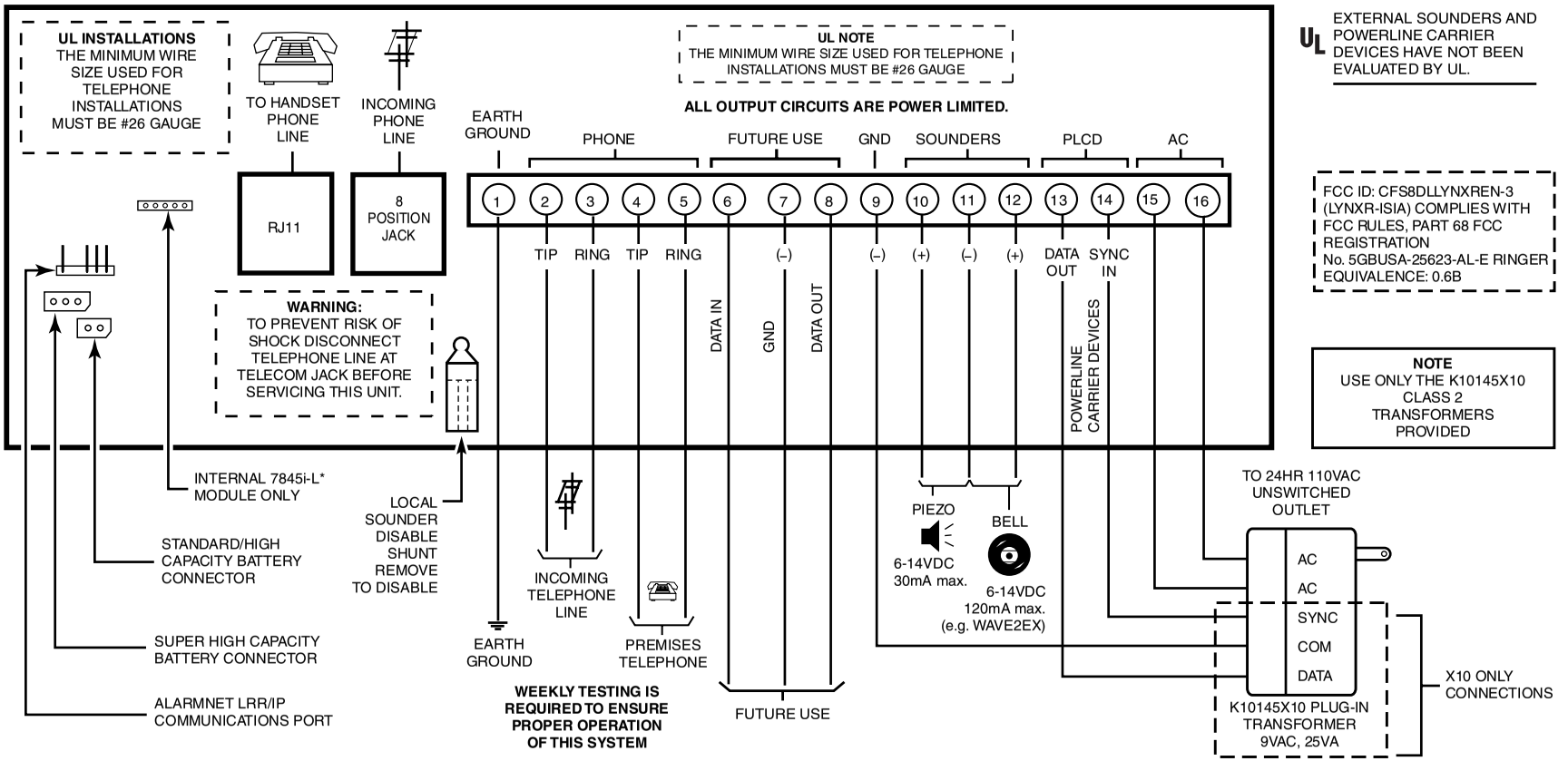
dI = Displayed approximately 4 seconds after powering up. This will revert to the Real-time Clock in approximately 1 minute and the green "READY" LED should light. To bypass this delay, press: [*#*] + [0]. If "**dI**" remains displayed for more than one minute the system is disabled.

PC = Remote phone control feature is active

PH = Speaker phone mode feature is active

90 = RF Jam

bF = Backup LRR/GSM/IP module communication failure (displayed on RF Keypad only)



EXTERNAL SOUNDERS AND POWERLINE CARRIER DEVICES HAVE NOT BEEN EVALUATED BY UL.

FCC ID: CFS8DLLYNXREN-3 (LYNXR-ISIA) COMPLIES WITH FCC RULES, PART 68 FCC REGISTRATION No. 5GBUSA-25623-AL-E RINGER EQUIVALENCE: 0.6B

NOTE
USE ONLY THE K10145X10 CLASS 2 TRANSFORMERS PROVIDED

THIS EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS ANSI/NFPA 70 NATONAL ELECTRIC CODE AND NFPA 72 NATIONAL FIRE ALARM CODE, CHAPTER 2 (NATIONAL FIRE PROTECTION ASSOC., BATTERYMARCH PARK, QUINCY, MA 02269). PRINTED INFORMATION DESCRIBING PROPER INSTALLATION, EVACUATION PLANNING AND REPAIR SERVICE IS TO BE PROVIDED WITH THIS EQUIPMENT.

THE LYNXR-ISIA CONTROL IS COMPATIBLE WITH THE FOLLOWING INTEGRAL RECHARGEABLE BATTERY PACKS:

P/N LYNXRCHKIT-SC
P/N LYNXRCHKIT-HC
P/N LYNXRCHKIT-SHA

REPLACE EVERY FOUR YEARS

THIS DEVICE COMPLIES WITH PART 15 OF FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

POWER SHUTDOWN NOTE:
AT 6.0 VDC THE SYSTEM WILL NOT OPERATE

***WHEN AVAILABLE**

WARNING

THIS UNIT MAY BE PROGRAMMED TO INCLUDE AN ALARM VERIFICATION FEATURE THAT WILL RESULT IN A DELAY OF THE SYSTEM ALARM SIGNAL FROM THE INDICATED FIRE CIRCUITS. THE TOTAL DELAY (CONTROL UNIT PLUS SMOKE DETECTORS) SHALL NOT EXCEED 60 SECONDS. NO OTHER INITIATING DEVICES SHALL BE CONNECTED TO THESE CIRCUITS UNLESS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION.

CIRCUIT (ZONE)	CONTROL UNIT DELAY-SEC	SMOKE DETECTOR MODEL	SMOKE DETECTOR DELAY-SEC
02 - 25 ZT16	30 seconds	5806	10 seconds

LYNXR-ISIA SUMMARY OF CONNECTIONS

09003-016-V0

K14116-2 1/07 Rev. A

Honeywell
165 Eileen Way, Syosset, New York 11791

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