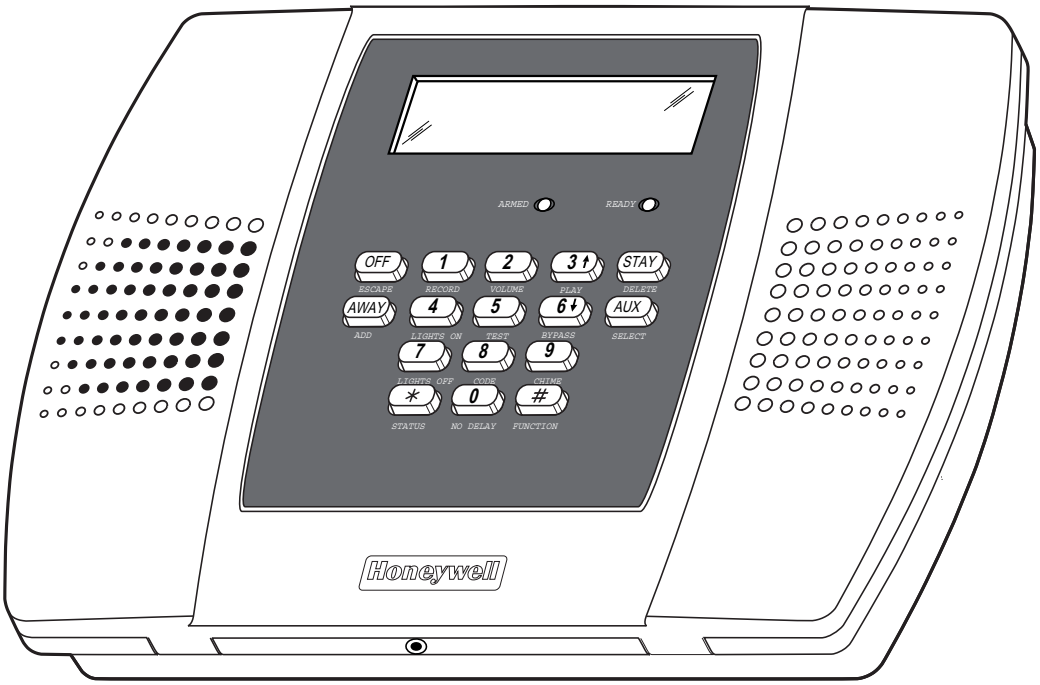
Honeywell

Lynx Plus Security System

Programming Guide



800-03859V3 8/10 Rev. A

TABLE OF CONTENTS

Data Fields 3
✻56 Enhanced Zone Programming 10
✻56 Enhanced Zone Programming Worksheet 13
✻80 Device Programming 15
✻81 Zone Lists 16
Powerline Carrier Device Worksheet for ✻80 and ✻81 17
✻83 Enhanced Sequential Mode 18
✻84 Assign Zone Voice Descriptors 19
Vocabulary Index (for ✻84 Assign Zone Voice Descriptors) 19
✻85 Record Custom Voice Descriptors 20
5800 Series Transmitter Loop Numbers Diagram 21
Default Tables 22
Lynx Plus Summary of Connections Diagram 23

Refer to the Lynx Plus Series Installation and Setup Guide P/N 800-03857 or later for detailed information on programming the system. The Installation and Setup Guide contains full descriptions for all data fields.

UL **Lynx Plus 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:

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.

1. Power up, then depress [✻] and [#] both at once, within 50 seconds of powering up.
   OR
   Enter: Installer Code (4 + 1 + 1 + 2) plus 8 + 0 + 0. System will display "Entering Program Mode".
   Notes: 1. If a different Installer Code has been programmed, enter: the New Installer Code + 8 + 0 + 0.
   2. If ✻98 was previously used to exit programming, the first method shown above must be used to re-enter the program mode)
2. Upon entry into Program mode, data field "20 INSTALLER CODE" 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 view data entered in field, press [#] plus the field that you wish to view (e.g., #21). The system will beep three times and data programmed for that field will be displayed to the right of the field number. The system will scroll through the data for longer numbers and a beep will sound after each number is displayed or three times after the final digit is displayed.
5. 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 Initialize Download ID and Subscriber Account Number for Downloading:

✻96 Resets all subscriber account numbers and CSID in preparation for an initial download.

To Load a Default Set:

✻97 Enter a number 1-4 corresponding to the selected default table (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

Data Field Display **Function& Programming Options** [ ] = Programmed Table 1 Default Values

SYSTEM SETUP (✻20– ✻30) † Entering a number other than the one specified may give unpredictable results.

Data Field Display	Function& Programming Options
20 INSTALLER CODE	**Installer Code** ☐☐☐☐ [4112] Enter 4 digits, 0–9
21 QUICK ARM ENABLE	**Quick Arm Enable** ☐ † [1] 0 = no; 1 = yes
22 KEYPAD BACKLIGHT	**Keypad Backlight Timeout** ☐ [0] 0 = none (backlighting always on); 1 = backlight off after 10secs
23 FORCED BYPASS	**Forced Bypass** UL installations = 0 ☐ † [0] 0 = none; 1 = bypass open zones
24 RF HOUSE ID CODE	**RF House ID Code** ☐☐ [00] 00 = disable all wireless keypad usage; 01–31 = 5804BD/5804BDV house ID
25 X10 HOUSE CODE	**Powerline Carrier Device (X10) House ID** ☐ [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	**Chime By Zone** ☐ † [0] 0 = no; 1 = yes (program zones to chime on zone list 3)
27 CLOCK DISPLAY	**Real Time Clock Display** ☐ † [1] 0 = no; 1 = yes, display time on keypad
29 DST MNTH STR/END	**Daylight Saving Time Start/End Month** ☐ ☐ [3, 11] Start End 1-9, #+10,#+11,#+12. Enter 0,0 if no daylight savings time used.

Data Field Display	Function& Programming Options
30 DST WEEK STR/END	**Daylight Saving Time Start/End Weekend** ☐ ☐ [2,1] 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) † Entering a number other than the one specified may give unpredictable results.

31 SINGLE ALARM SND	**Single Alarm Sounding/Zone** UL installations = 0 ☐ † [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)
32 FIRE SND TIMEOUT	**Sounder Timeout** ☐ † [0] 0=timeout; 1=no timeout
33 ALRM SND TIMEOUT	**Alarm Bell Timeout** UL installations = 1 (4 min) minimum ☐ † [1] 0 = none; 1=4 min; 2=8 min; 3=12 min; 4 = 16 min
34 EXIT DELAY TIME	**Exit Delay** UL installations = 60 seconds max. ☐☐ †[70] 00-99 = exit delay time (in seconds)
35 ENTRY DELAY 1	**Entry Delay 1** (zone type 01) UL installations = 45 seconds max. ☐☐ † [30] 00-99 = entry delay time (in seconds)
36 ENTRY DELAY 2	**Entry Delay 2** (zone type 02) UL installations = 45 seconds max. ☐☐ † [60] 00-99 = entry delay 2 time (in seconds)
37 EXIT SND/QK EXIT	**Audible Exit Warning** / **Quick Exit** ☐ ☐ † [1, 1] Exit Warn Quick Exit 0 = no; 1 = yes
38 CONF ARMING DING	**Confirmation of Arming Ding** **Note:** Confirmation ding only sounds when LYNX is Armed Away or disarmed after being Armed Away. 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 occurs immediately after disarming and is longer than arming confirmation ding. ☐ † [0] 0 = no arming confirmation ding after arming system by the control keypad or RF keypad; 1 = arming confirmation ding after arming system by the control keypad or RF keypad; 2 = arming confirmation ding after arming from RF keypad only
39 PWR UP PRV STATE	**Power Up In Previous State** ☐ † [1] 0 = no; 1 = yes; UL installations = 1

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	**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✻

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

Data Field Display **Function& Programming Options** [ ] = Programmed Table 1 Default Values

41 PRIMARY TEL NUM

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 SECOND TEL NUM

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 ✻42✻.

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.

In 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 4+1, 4+2, 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 ACCOUNT#

Primary Subscriber Account Number

☐☐☐☐☐☐☐☐☐☐ See note above.

44 SECNDRY ACCOUNT#

Secondary Subscriber Account Number

☐☐☐☐☐☐☐☐☐☐ See note above.

46 FOLLOW ME PHONE#

"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✻.
Enter 0-9, #+11 for '✻'; #+12 for '#'; #+13 for a pause (two seconds).

47 PHONE SYS SELECT

Phone System Select

☐ † [5]

Note: If you are using Pulse (rotary) Dialing, you must enter the numbers slowly to allow the pulse dialer time to operate.

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 REP FRMT PRI/SEC

Report Format for Primary/Secondary

☐ ☐ [7, 7]

Note: Option 5 or 7 (ADEMCO Contact ID®) must be selected for AAV.

Primary Secondary

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.

49
SPLIT/DUAL REP

Split/Dual Reporting

☐ [0]

To Primary Phone No.	To Secondary Phone No.
0 = All reports	None, unless primary fails, then all
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 Number**
6 = All reports except Open/Close	Alarms, Open/Close‡, Troubles
7 = All reports	Alarms, Troubles
8 = All reports	Alarms, Open/Close‡, Troubles
9 = All reports except Open/Close	Open, Close
To Primary Phone No.	**To Follow Me System Phone Number)**
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 DIAL DLY

15 Second Dialer Delay (Burglary) UL installations = 0

☐ † [0]

0 = no; 1 = yes;

51
PERIOD TEST REP

Periodic Test Report (enter Test Code in field ✻64)

☐ † [0]

0 = none; 1 = 24 hours; 2 = weekly; 3 = 30 days

52
TEST REP OFFSET

First Test Report Offset

☐ † [2]

0 = 24 hour; 1 = 6 hours; 2 = 12 hours; 3 = 18 hours

53
SESCOA/RADIONICS

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

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

55
REPORT CHANNELS

Reporting Channels

☐ [0]

0 = Telco Line (no Radio)
1 = LRR/IP(Digital Communication only) and Telco Line
3 = LRR/IP (Digital Communication only) (no Telco Line)
5 = LRR/IP (Digital Communication with AAV) (Telco Line connections for 2-way voice session only, if applicable)

58
RF JAM DETECTION

RF Jam Detection **Note:** For event logging option 2 must be selected.

☐ [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)

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

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 REP	**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.
60 TROUBLE REP CODE	**Trouble Report Code** [|] [1,0]
61 BYPASS REP CODE	**Bypass Report Code** [|] [0,0]
62 AC LOSS REP CODE	**AC Loss Report Code** [|] [0,0]
63 LOW BAT REP CODE	**Low Bat Report Code** [|] [1,0]
64 TEST REPORT CODE	**Test Report Code** [|] [1,0]
65 OPEN REPORT CODE	**Open Report Code** [ ]†† [0] (†† 2nd digit is automatically sent as the user number if expanded or 4+2 reporting is selected.)
66 AWAY/STAY REPORT	**Arm Away/Stay Report Code** [ ] [ ]†† [0,0] AWAY STAY
67 RF TRANS LB REP	**RF Transmitter Low Battery Report Code** [|] [1,0]
68 CANCEL REP CODE	**Cancel Report Code** [|] [1,0] 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.

RESTORE REPORT CODES (✻70–✻76)

70 ALARM RES REPORT	**Alarm Restore Report Code** [ ] [1]
71 TROUBLE RES REP	**Trouble Restore Report Code** [|] [1,0]

Data Field Display **Function& Programming Options** [ ] = Programmed Table 1 Default Values

72 BYPASS RES REP	**Bypass Restore Report Code** [0,0]
73 AC RESTORE REP	**AC Restore Report Code** [0,0]
74 LO BAT RES REP	**Low Bat Restore Report Code** [1,0]
75 RF LOBAT RES REP	**RF Transmitter Low Battery Restore Report Code** [1,0]
76 TEST RES REPORT	**Test Restore Report Code** [0,0]

DYNAMIC SIGNALING FIELD (✻77)

77 DYNAMIC SIG OPTS	**Dynamic Signaling Options** [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
78 PROG TONE GEN TM	**Programmable Tone Generation Time** [0, 0] 00 = Disabled; 01-09 = 100-900 ms; 10-99 = 1.0 – 9.9 secs

OUTPUT AND SYSTEM SETUP (✻80, ✻81, ✻83–✻85) See Procedures later in this manual.

86 MULTI-MODE EMAIL	**Multi-Mode (E-Mail Notification)** [0] 0 = Disable multi-mode devices; 1 = Enable multi-mode device address #6 only; 2 = Enable multi-mode device address #7 only; 3 = Enable multi-mode addresses
87 AUX FUNC 1BTN PG	**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 no. 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	**Pager Characters** Up to 16 digits can be entered that will appear in front of the 7-digit pager message sent by the control. Refer to 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)

Data Field Display	Function& Programming Options	[ ] = Programmed Table 1 Default Values

89
EVNT LOG 80% REP

Event Log 80% Full Report Code

[|] [0,0]

90
EVNT LOG OPTIONS

Event Logging

Note: System messages are logged when any non-zero selection is made.

[ ] [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.

91
AAV/REM PHN CTRL

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 Control 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. AAV 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 follow me phone number (10-12 in field ✻49) AAV cannot be used.
(6) If AAV is selected and LRR/IP communications device is enabled, you must enter "0" (primary dialer preferred channel) as the second entry in Field ✻77.

92
 # REPS ARMED PER

Number of Reports In Armed Period

[ ] [0]

0 = 10 Alarm/Alarm Restore Reports;1 = Unlimited (UL installations = 0)

DOWNLOAD INFORMATION (✻93–✻95)

93
FLEXBLE CALLBACK

Flexible Callback

[ ] [0]

0 = No flexible callback; 1 = Last digit flexible;
2 = Last 2 digits flexible; 3 = Last 3 digits flexible

94
DOWNLOAD PHONE #

Download Phone Number

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

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

[ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

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✻.

95
RING DET COUNT

Ring Detection 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)

✻56 ENHANCED ZONE PROGRAMMING PROCEDURE

This interactive menu mode is used to program zone numbers, zone types, alarm and report codes, and to identify the type of loop input device and can be used for entering 5800 Series transmitter serial numbers. Press ✻56 while in programming mode.

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

A01 ZONE NUMBER	**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. 00 = exit zone programming mode 01 = Hardwire Zone 2-25 = RF transmitter zones (only) 26-41 = RF button zones (only) 92 = Duress 95, 96, 99 = Panic zones [✻] = Continue
b ZONE TYPE	**Zone Type** Enter the 2-digit zone type (*zt*) for this zone. if 00 is entered, the system will skip to DELETE ZONE PARAMETERS prompt (F) 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 14 = Carbon Monoxide 20 = Arm–Stay 21 = Arm–Away 22 = Disarm 23 = No Alarm Response 24 = Silent Burglary [✻] = Continue [#] = Return to previous prompt
C REPORT CODE	**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
d INPUT TYPE	**Input Type** Enter the input type (*i*) for the transmitter assigned to this zone. **Note:** Zones 2-25 should be assigned as Input Type 3 or 4 and Zones 26-41 should be assigned as Type 5 only. 3 = Supervised RF (RF) 4 = Unsupervised RF (UR) 5 = Button type (BR) [✻] = Continue [#] = Return to previous prompt
E LOOP#/AUTO LEARN	**Enroll Loop Number or Loop & Serial Number via RF Learning** For BR type devices (device type 5), two (2) transmissions (two key depressions at least five seconds apart) are required. For RF and UR device types (device type 3 and 4), four (4) transmissions are required (fault, restore and fault, restore). The device should be at least 5 feet away from the control when enrolling via RF learning. **Note:** 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 "LEARNED" will be displayed. Depress the key of the BR type device two times (two transmissions) or fault and restore the RF or UR type device two times (four transmissions).
E2L LEARNED LOOP#/AUTO LEARN	Two beeps will sound after the second transmission of the BR type device or the fourth transmission of the RF or UR type device confirming that the loop number and serial number have been learned. The loop number that has been learned will be displayed (loop 2 shown) and the system will announce the Voice Descriptor for the zone. Press [✻] to continue.

1AL A094-4129 ENROLL MODE	**Enroll Loop Number or Loop & Serial Number via RF Learning (Continued)** The serial number of the device that has been learned will be displayed. “1AL” will be displayed in front of the serial number. Fault and restore the sensor again to confirm the serial number.
1ALC A094-4129 ENROLL MODE	The system will announce the Voice Descriptor for the zone and “1ALC” will be displayed in front of the serial number. Press [✻] to continue. System will advance to Prompt “1C”
E LOOP#/AUTO LEARN	**Enter Loop Number or Loop & Serial Number via Manual Entry** Enter the desired loop number and press [✻] to continue (see the transmitter’s Installation Instructions for specific loop designations). If “LEARNED” 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. It is possible 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. 1-4 = Loop number for the zone of the transmitter being entered or learned 0 = Delete Serial Number prompt (F) [✻] = Continue to the ENROLL MODE prompt (1A) [#] = Return to previous prompt
F DELETE ZONE	**Delete Zone Parameters** If 00 was entered in the Zone Type field or if 0 was entered in the Loop Number field, confirmation of the delete request will delete all information 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). 0 = Discard the delete request. 1 = Confirm the requested delete.
1A ENROLL MODE	**Enroll Mode** Confirm, delete or enter Serial Number 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 “LEARNED” is not displayed). 2 = Copy the last serial number from the local memory buffer (If “LEARNED” is not displayed). 9 = Delete existing serial number. (Only if “LEARNED” is displayed). [✻] = Advance to the VOICE DESCRIPTOR prompt (1C). This will save all zone parameters. [#] = Return to the loop number prompt (E).
1b SERIAL NUMBER	**Serial Number** Manually enter the 7-digit serial number printed on the transmitter. If an incorrect digit is entered, press the [#] key to return to prompt (1A). 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 “LEARNED” will be displayed. If 52 seconds pass and no entry is been made, the system will return to prompt (1A). **Note:** In order for all parameters to be accepted, you must advance to prompt (1C).
1AL A094-4129 ENROLL MODE	The serial number of the device that has been learned will be displayed. “L” will be displayed in front of the serial number. Fault and restore the sensor again to confirm the serial number.
1ALC A094-4129 ENROLL MODE	The system will announce the Voice Descriptor for the zone and “LC” will be displayed in front of the serial number. Press [✻] to continue. System will advance to Prompt “1C” **Note:** In order for all parameters to be accepted, you must advance to prompt (1C).

✻56 ENHANCED ZONE PROGRAMMING PROCEDURE

1C ZONE DESCRIPTOR	**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 **Note:** System displays 2-digit selection & alpha descriptor OR 99 "No selection"	**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) – zone descriptor will be announced Press any other key to repeat the selected word
1E **Note:** System displays 2-digit selection & alpha descriptor OR 99 "No selection"	**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) – zone descriptor will be announced Press any other key to repeat the selected word
1F **Note:** System displays 2-digit selection & alpha descriptor OR 99 "No selection"	**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) – zone descriptor will be announced Press any other key to repeat the selected word

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

✻56 ENHANCED ZONE PROGRAMMING WORKSHEET

Fill in the required data on this worksheet, then follow the programming procedure.

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	0 1	[00]	[00 00]	
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 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						
1 7						
1 8						
1 9						
2 0						
2 1						
2 2						
2 3						
2 4						
2 5						

✻56 ENHANCED ZONE PROGRAMMING WORKSHEET

Button Zones

Zone No. (A 01)	Zone Type (zt)	Alarm Report Code in hex (rc)	Input Type (i)	Loop No. (l)	Transmitter Serial Number	Vocabulary Index
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), 02-25 (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
14 = Carbon Monoxide
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.

✻80 DEVICE PROGRAMMING

Use this mode to program Powerline Carrier Devices or zone lists for Chime by Zone feature. It is also used to program the Remote Services Multi-mode (e-mail) event triggers. Press ✻80 while in programming mode.

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

80 DEVICE PROG MENU	**Powerline Carrier Device Programming** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A01 DEVICE NUMBER	**Device Number** Enter the 2-digit device number to be programmed 01-08 = X10 device number 09-16 = Multimode (e-mail) event triggers [✻] = Continue 00 = Exit Device Programming mode (displays blinking 80; enter ✻ + desired data field or menu mode number)
b DEVICE ACTION	**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
C START EVENT TYPE	**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
d START ZONE LIST	**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
E START ZONE TYPE	**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
F STOP ZONE LIST	**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
1A STOP ZONE TYPE	**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). [✻] = Continue 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.

81 ZONE LISTS MENU	**Zone List Programming** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A01 ZONE LIST NUMBER	**Zone List Number** 2-digit zone list number to be programmed (use zone list 03 for chime by zone feature). 00 = No zone list, exit zone list mode 01, 02 or 03 = Zone List Number [✻] = Accept zone number and enter the next zone number
b ZN ENTRY TO LIST	**Zone Entry To List** Enter the 2-digit zone number 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
C DEL WHOLE ZN LST	**Delete Entire Zone List** 0 = Don't delete; continue to next prompt 1 = Delete the current zone list
d DEL 1 ZN FRM LST	**Delete Zones From List?** 0 = Don't delete; continue to next zone list number (prompt A) 1 = Continue to delete zones prompt
E DELETE ZONES	**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)

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: If using P.C.L.D. (X10 devices), 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]
E-mail event trigger **09**						
E-mail event trigger **10**						
E-mail event trigger **11**						
E-mail event trigger **12**						
E-mail event trigger **13**						
E-mail event trigger **14**						
E-mail event trigger **15**						
E-mail event trigger **16**	[2]			[33]		[36]

Note: If using an X10 Powerhouse Security SH10A Siren as device 08, 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; 14 = Carbon Monoxide; 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 or 09); 36 = *At Bell Timeout; 38 = Chime; 39 = Any Fire Alarm; * Or at Disarming, whichever occurs earlier.; 40 = Bypassing; 42 = System Battery Low; 43 = Communication Failure; 52 = Kissoff; 58 = Duress

Note: In normal operation mode:

For Devices 01-06:	For Devices 07 and 08:	NN = 2- digit device number
Function + Lights On + NN	Code + Function + Lights On + NN	(Entry **starts** Device NN)
Function + Lights Off + NN	Code + Function + Lights Off + NN	(Entry **stops** Device NN)

✻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.

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]

⁎83 ENHANCED SEQUENTIAL MODE

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

83 ENHANCD SEQ MODE	**Enhanced Sequential Mode** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A ZONE NUMBER	**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 SERIAL NUMBER prompt (1b). 00 = Exit Sequential mode, upon which the prompt "83" blinks.
1A ENROLL MODE	**Enroll Mode** Enter, View or Confirm Serial Number. 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).
1b SERIAL NUMBER	**Serial Number** Enroll transmitter serial number via RF transmission or manually. **RF Learning -** Two (2) transmissions (two key depressions) at least five seconds apart will be required for BR type or four (4) transmissions (fault, restore and fault, restore) for UR or RF type. 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 "LEARNED" 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 "LEARNED" 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 "LEARNED". 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).
F DELETE ZONE CONF	**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 ZONE VOICE DESC	**Assign Voice Descriptors** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A ZONE NUMBER	**Zone Number** Enter the 2-digit zone number for which this descriptor is being assigned then press [⁎]. The Voice Descriptor for the selected zone will be announced, if it has been 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 DESCRIPTOR 1	**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) – zone descriptor will be announced. Press any other key to repeat the selected word
C DESCRIPTOR 2	**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) – zone descriptor will be announced. Press any other key to repeat the selected word
d DESCRIPTOR 3	**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) – zone descriptor will be announced. Press any other key to repeat the selected word

VOCABULARY INDEX

00 ½ sec pause	F	M	S	29 1st
A	43 FAMILY ROOM	14 MAIN	64 SECOND FLOOR	30 2nd
82 ALARM	87 FIRE	15 MASTER	65 SEVEN	31 3rd
32 ATTIC	44 FIRE DETECTION	54 MASTER	20 SHED	70 Custom Word #1
B	07 FIRST FLOOR	BEDROOM	21 SHOP	71 Custom Word #2
01 BABY	45 FIVE	55 MEDICAL	66 SIDE	72 Custom Word #3
33 BACK	08 FLOOR	84 MESSAGE	67 SILENT POLICE	73 Custom Word #4
34 BASEMENT	46 FOUR	56 MOTION DETECTOR	68 SIX	74 Custom Word #5
35 BATHROOM	47 FRONT	N	69 SLIDING	99 Blank (to erase previously programmed word)
36 BEDROOM	G	57 NINE	22 SMOKE	**SYSTEM WORDS**
C	48 GARAGE	16 NORTH	23 SOUTH	(Announced by system – not programmable)
83 CHECK	49 GUEST ROOM	58 NURSERY	24 STORAGE	AC LOSS
D	09 GUN	O	85 SYSTEM	ARMED
37 DELAY DOOR	H	59 OFFICE	T	AWAY
38 DEN	50 HALL	60 ONE	25 THIRD FLOOR	BYPASSED
02 DETECTOR	I	17 OUTSIDE	75 THREE	CARBON MONOXIDE
03 DINING	10 INSIDE	P	76 TRANSMITTER	CHIME
39 DINING ROOM	K	61 PATIO	77 TWO	DISARMED
04 DOOR	51 KITCHEN	62 POLICE	U	DISARM SYSTEM
40 DOWNSTAIRS	L	18 POOL	78 UPSTAIRS	NOW
05 DRIVEWAY	11 LAUNDRY	R	26 UTILITY	EXIT NOW
E	52 LAUNDRY ROOM	63 REAR	79 UTILITY ROOM	FAULT
06 EAST	12 LIBRARY	19 ROOM	W	INSTANT
41 EIGHT	13 LIVING		27 WEST	LOW BATTERY
42 EMERGENCY	53 LIVING ROOM		80 WINDOW	NOT
			Y	READY TO ARM
			28 YARD	STAY
			Z	
			81 ZERO	
			86 ZONES	

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).

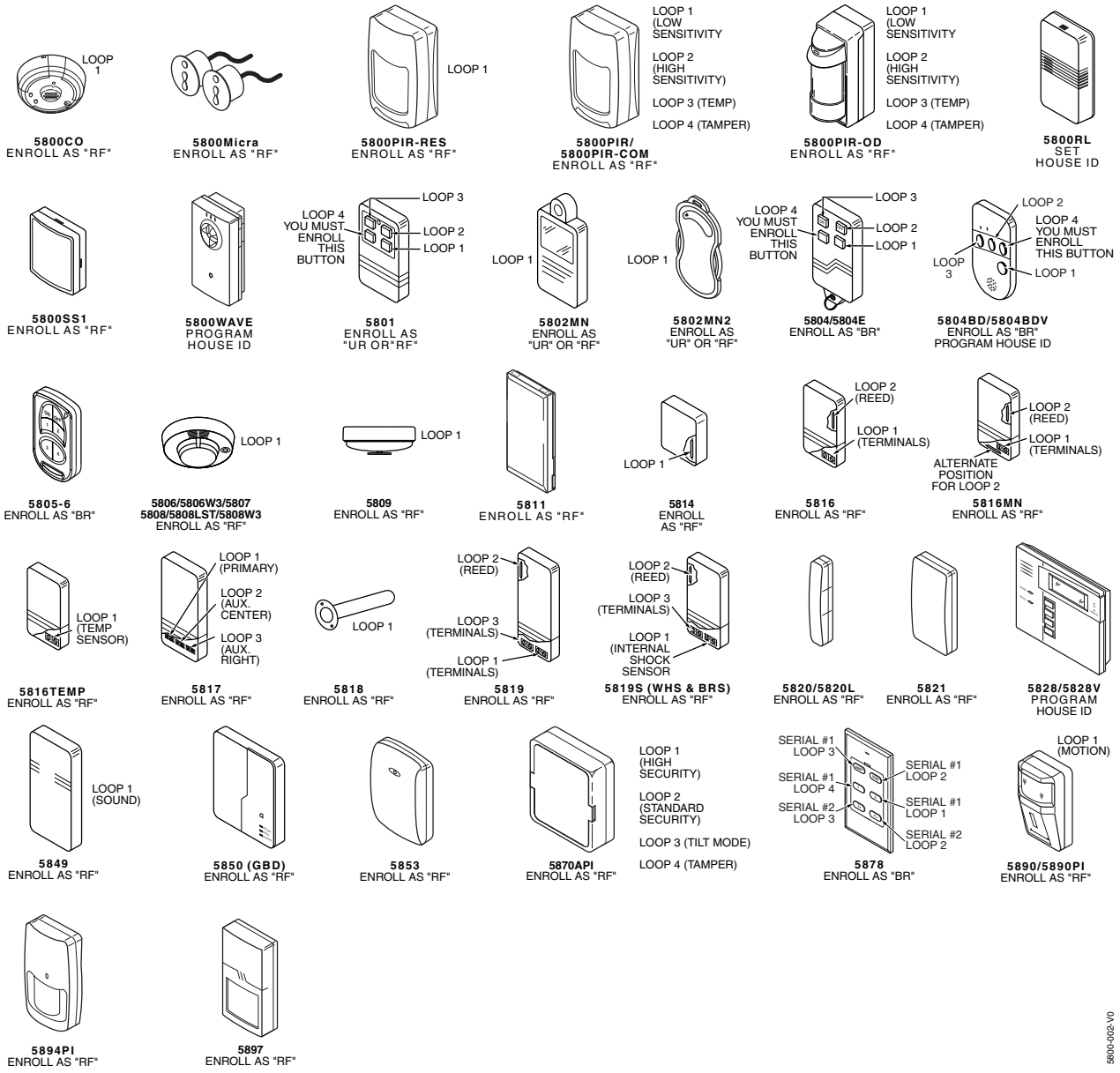
✻85 RECORD CUSTOM VOICE DESCRIPTORS

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.

85 REC VOICE DESCR	**Record Custom Voice Descriptors** 0 = Exit mode, upon which this prompt blinks. 1 = Enter mode
A CUSTOM DESC #	**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.

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.

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.**

Default Tables

Function		Table 1	Table 2	Table 3	Table 4
*20	Installer code	4112	4112	4112	4112
*21	Quick arm enable	1	1	1	1
*22	Keypad backlight timeout	0	0	0	0
*23	Forced bypass	0	0	0	0
*24	RF house ID code	0,0	0,0	0,0	0,0
*25	Powerline carrier device house code	0	0	0	0
*26	Chime-by-zone	0	0	0	0
*27	Real-time clock display	1	1	1	1
*29	Daylight saving time start/end month	3,11	3,11	3,11	3,11
*30	Daylight saving time start/end weekend	2,1	2,1	2,1	2, 1
*31	Single alarm sounding per zone	0	0	0	0
*32	Sounder timeout	0	0	0	0
*33	Alarm bell timeout	1	1	1	1
*34	Exit delay	7,0	6,0	7,0	7,0
*35	Entry delay 1 (zone type 01)	3,0	4,5	3,0	3,0
*36	Entry delay 2 (zone type 02)	6,0	6,0	6,0	6,0
*37	Audible exit warning/quick exit	1,1	0,1	1,1	1,1
*38	Confirmation of arming ding	0	0	0	0
*39	Power up in previous state	1	1	1	1
*40	PABX access code	---	---	---	---
*41	Primary phone number	---	---	---	---
*42	Secondary phone number	---	---	---	---
*43	Primary subscriber account number	15,15,15,15	15,15,15,15	15,15,15,15	15,15,15,15
*44	Secondary subscriber account number	15,15,15,15	15,15,15,15	15,15,15,15	15,15,15,15
*46	“Follow Me Reminder” Phone Number	---	---	---	---
*47	Phone system select	5	5	5	5
*48	Report format	7,7	7,7	7,7	7,7
*49	Split/dual reporting	0	0	0	9
*50	15 second dialer delay (burglary)	0	1	0	0
*51	Periodic test report	0	3	0	0
*52	First test report offset	2	2	2	2
*53	Sescoa/radionics select	0	0	0	0
*54	Lack of usage notification	0	0	0	0
*55	Reporting Channels	0	0	0	0
*56	Enhanced Zone programming	See *56 table	See *56 table	See *56 table	See *56 table
*58	RF jam detection	0	0	0	0
*59	Exit error report code	1	0	1	1
*60	Trouble report code	1,0	1,0	1,0	1,0
*61	Bypass report code	0,0	0,0	0,0	0,0
*62	AC loss report code	0,0	0,0	0,0	0,0
*63	Low battery Report code	1,0	1,0	1,0	1,0
*64	Test report code	1,0	1,0	1,0	1,0
*65	Open report code	0	0	0	0
*66	Arm away/stay report code	0,0	0,0	0,0	0,0
*67	RF transmitter low battery report code	1,0	1,0	1,0	1,0
*68	Cancel report code	1,0	1,0	1,0	1,0
*70	Alarm restore codes	1	1	1	1
*71	Trouble restore report code	1,0	1,0	1,0	1,0
*72	Bypass restore report code	0,0	0,0	0,0	0,0
*73	AC restore report code	0,0	0,0	0,0	0,0
*74	Low battery restore report code	1,0	1,0	1,0	1,0
*75	RF transmitter low battery restore report code	1,0	1,0	1,0	1,0
*76	Test restore report code	0,0	1,0	0,0	0,0
*77	Dynamic Signaling Delay/ Dynamic Signaling Priority	0,0	0,0	0,0	0,0
*78	Programmable Tone Generation Time	0,0	0,0	0,0	0,0
*80	Powerline Carrier Devices	See *80 table	See *80 table	---	See *80 table
*81	Zone lists for devices	See *81 table	See *81 table	See *81 table	See *81 table
*84	Assign zone voice descriptors	Refer to *84 Programming			
*86	Multi-mode (E-mail notification)	0	0	0	0
*87	Auxiliary Function/ 1-button paging	0	1	0	1
*88	Pager characters	---	---	---	---
*89	Event log 80% full report code	0,0	0,0	0,0	0,0
*90	Event logging	3	15	3	3
*91	Alarm audio verification/remote phone control	2	2	2	2
*92	Number of reports in armed period	0	0	0	0
*93	Flexible call back	0	0	0	0
*94	Download phone number	---	---	---	---
*95	Ring detect count for downloading/remote phone control	15	15	15	15
Default Master Code		1,2,3,4	1,2,3,4	1,2,3,4	1,2,3,4
Default Duress Code		---	---	---	---

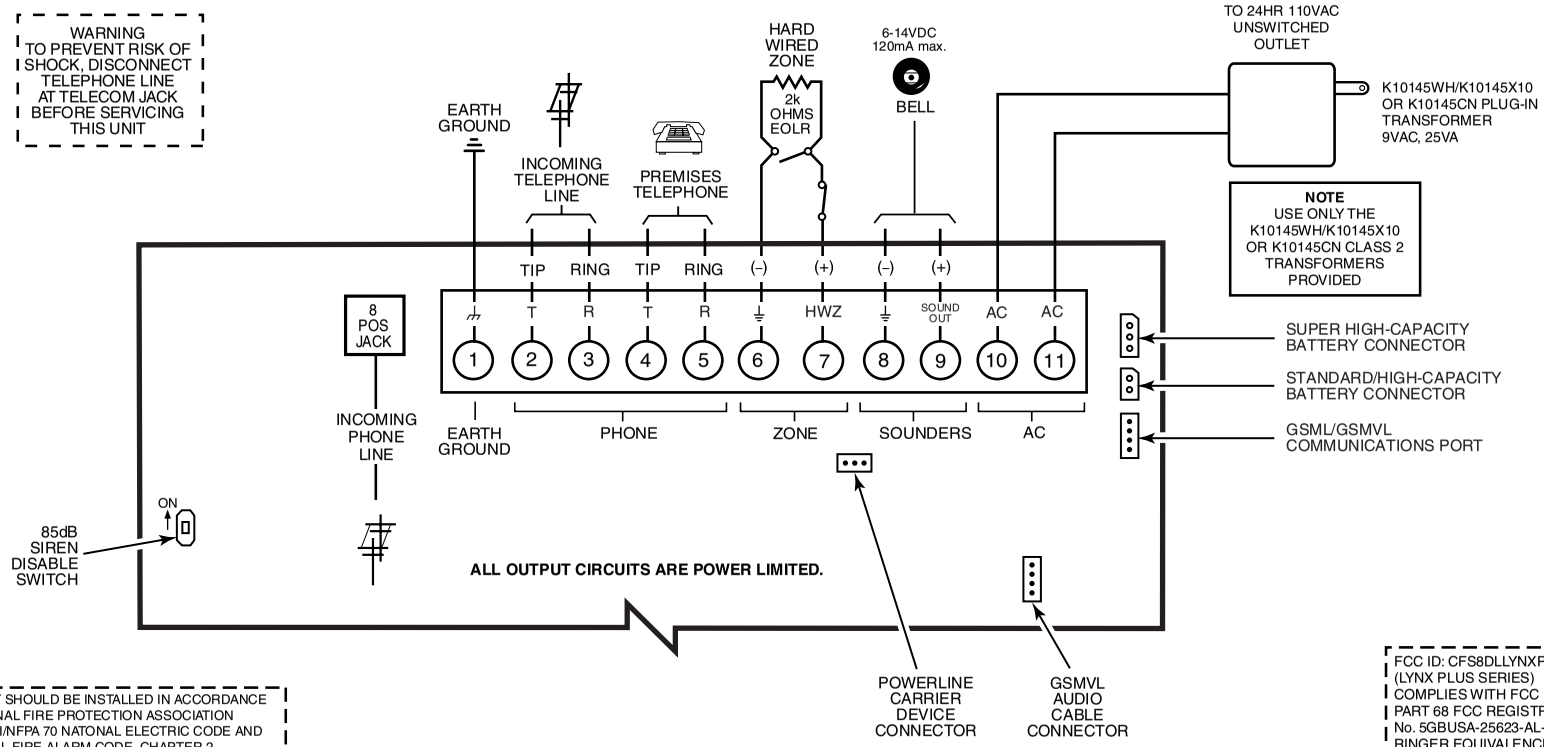
By activating *96, Field 43, and 44 will be changed to 15, 15, 15, 15.

UL INSTALLATIONS THE MINIMUM WIRE SIZE USED FOR TELEPHONE INSTALLATIONS MUST BE #26 GAGE

WARNING
TO PREVENT RISK OF SHOCK, DISCONNECT TELEPHONE LINE AT TELECOM JACK BEFORE SERVICING THIS UNIT

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

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



FCC ID: CFS8DLLYNXPLUS
(LYNX PLUS SERIES)
COMPLIES WITH FCC RULES, PART 68 FCC REGISTRATION No. 5GBUSA-25623-AL-E
RINGER EQUIVALENCE: 0.6B

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., BATTERY MARCH PARK, QUINCY, MA 02169). PRINTED INFORMATION DESCRIBING PROPER INSTALLATION, EVACUATION PLANNING AND REPAIR SERVICE IS TO BE PROVIDED WITH THIS EQUIPMENT.

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.

LYNX PLUS SERIES ALSO COMPLIES WITH THE FOLLOWING: CANADIAN STANDARDS ASSOCIATION (CSA) C22.1, CANADIAN ELECTRICAL CODE, PART 1, SAFETY STANDARD FOR ELECTRICAL INSTALLATIONS AND CAN/ULC-S540 INSTALLATION OF RESIDENTIAL FIRE WARNING SYSTEMS.

THE LYNX PLUS SERIES CONTROLS ARE COMPATIBLE WITH THE FOLLOWING INTEGRAL RECHARGEABLE BATTERY PACKS:

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

REPLACE EVERY FOUR YEARS

WEEKLY TESTING IS REQUIRED TO ENSURE PROPER OPERATION OF THIS SYSTEM

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

LYNX PLUS SERIES SUMMARY OF CONNECTIONS

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