

ADEMCO**LYNX
LYNX-R**

Quick Start Guide

UL**LYNX-R is not intended for UL985 Household Fire applications.**

Introduction

This Quick Start Guide can help you install the LYNX (non-rechargeable) and LYNX-R (rechargeable) quickly and easily by providing the basic steps for installation using the built-in defaults. For more detailed information and important notes, refer to the LYNX and LYNX-R Installation Instructions.

The following steps assume that one of the system's default tables will be used.

For programming data values and Powerline Carrier Devices other than those listed in the default tables, see the Installation Instructions.

Default Table Summary

Zone	Table 1	Table 2	Table 3	Table 4
1	-----	-----	-----	-----
2	front door	front door	front door	front door
3	back door	back door	back door	back door
4	window	Garage door	window	window
5	motion detector	motion detector	window	window
6	-----	smoke detector	window	window
7	-----	-----	window	window
8	-----	-----	motion detector	motion detector
9	-----	-----	smoke detector	smoke detector
26	loop 3 arm away	loop 3 arm away	loop 3 arm away	loop 3 arm away
27	loop 2 disarm	loop 2 disarm	loop 2 disarm	loop 2 disarm
28	loop 4 arm stay	loop 4 arm stay	loop 4 close device	loop 4 close device
29	loop 1 restore device 1	loop 1 restore device 1	loop 1 restore device 1	loop 1 restore device 1
30	loop 3 arm away	loop 3 arm away	loop 3 arm away	loop 3 arm away
31	loop 2 disarm	loop 2 disarm	loop 2 disarm	loop 2 disarm
32	loop 4 arm stay	loop 4 arm stay	loop 4 close device	loop 4 close device
33	loop 1 restore device 1	loop 1 restore device 1	loop 1 restore device 1	loop 1 restore device 1
92	duress	duress	duress	duress
99	silent alarm	silent alarm	silent alarm	silent alarm
User Code	1-2-3-4	1-2-3-4	1-2-3-4	1-2-3-4
Install Code	4-1-1-2	4-1-1-2	4-1-1-2	4-1-1-2

Entering Program Mode: installer code + 8 0 0

Interactive Mode

Used to Program

*56 Enhanced Zone Programming	Zone characteristics, report codes, and serial numbers
*83 Sequential Mode	5800 Series transmitter serial numbers
*84 Assign Zone Voice Descriptors	Voice descriptors for each zone

Exiting Program Mode: *99 allows re-entry into the Program mode using Installer Code + 8 0 0.

*98 inhibits re-entry into the Programming mode using the Installer Code.

- NOTES:**
- Tables 2 and 4 support the automatic paging feature (open/close events reported to pager phone number), and a Powerline Carrier Device programmed as device 8, which closes and stays closed upon burglary alarms and restores after bell timeout. For other applications or actions (e.g., using a pulsing siren), see the *80 Device Programming Menu Mode section of the Installation Instructions.
 - Primary report format for all tables is Ademco's Contact ID reporting. Tables 2 and 4 also use Contact ID for secondary reporting. Tables 1, and 3 use 4+1 format for secondary reporting.
 - Table 2 records all events in the event log. Tables 1, 3, and 4 record only alarms, alarm restores, troubles, and trouble restores in their event logs.

Steps to Installing LYNX and LYNX-R

1. Separate the front assembly from the back plate and mount the back plate.
DO NOT disconnect the ribbon cable from the terminal strip board. Disconnect the cable only from the front assembly board.
2. Make wiring connections as follows:
Connect the incoming phone line to either the 8-position jack or terminals 2 (TIP) and 3 (RING).
Connect the handset phone lines to either the RJ11 jack or terminals 4 (TIP) and 5 (RING).
NOTE: For full line seize operation, see the installation instructions.
If used, connect a piezo sounder to terminals 10 (+) and 11 (-).
If used, connect a bell to terminals 11 (-) and 12 (+).
If using Powerline Carrier Devices, connect com/data/sync/ lines from the PL513 Powerline Interface Module to terminals 9, 13, and 14 respectively.
Install Powerline Carrier Devices according to their instructions.
Connect wires from the 1332 (1332CN) AC Transformer to terminals 15 and 16.
NOTE: If installing LYNX (non-rechargeable system), go to step 3. If installing LYNX-R (rechargeable system), go to step 4.
3. **LYNX (only)** - After all wiring connections are made, carefully reconnect the ribbon cable to the front assembly PC board connector (properly aligning the red wire), then snap the front assembly to the back plate so it is held by the locking tabs. Plug the transformer into a 24-hour, 110VAC unswitched outlet.
Slide out the battery drawer and install six 1.5V "AA" non-rechargeable alkaline batteries. Use only nonrechargeable, alkaline batteries. (Observe polarity.) After installing the batteries, slide the battery drawer into the back plate only after AC power has been applied.
 - a. If "LOW BAT" message appears, enter Master Code and press [5]. Wait 10 seconds.
 - b. Enter Master Code and press [OFF].**NOTE:** "LOW BAT" message should clear. If it does not, re-check that the batteries and the drawer have been properly installed.
4. **LYNX-R (only)** - After all wiring connections are made, remove "Pull Tab" in order to connect batteries. Carefully reconnect the ribbon cable to the front assembly PC board connector (properly aligning the red wire), then snap the front assembly to the back plate so it is held by the locking tabs. Plug the transformer into a 24-hour, 110VAC unswitched outlet.
Note: Rechargeable batteries may take up to 48-hours to fully charge. "LOW BAT" message should clear within four hours, or by entering Test Mode.
5. Set a programming default:
Enter Programming mode: Installer Code + 8 0 0.
Press *97, then press a number 1-4 to select a default table from the tables listed on page 1.
6. Program the variable data fields:
Press *24 (RF House ID), then enter the desired 2-digit RF House ID for wireless keypads.
Press *40 (PABX Code, if used), then enter up to 6 digits. If fewer than 6 digits are used, press [*] to end the field and advance to the next field.
Press *41 (Primary Phone Number), then enter the primary phone number, up to 20 digits. If fewer than 20 digits are used, press [*] to end the field and advance to the next field.
Press *42 (Secondary Phone Number) if used, then enter the secondary phone number, up to 24 digits. If fewer than 24 digits are used, press [*] to end the field and advance to the next field.
Press *43 (Primary Account Number), then enter the primary account number. If only 3 digits are used, press [*] to end the field and advance to the next field.
Press *44 (Secondary Account Number) if used, then enter the secondary account number. If only 3 digits are used, press [*] to end the field and advance to the next field.
Press *88 (Pager Characters) if using Default Table 2 or 4, then enter up to 16 digits which may be required by your pager service (e.g. account number, PIN, etc.). If fewer than 16 digits are used, press [*] to end the field and advance to the next field.
Press *94 (Download Phone Number), then enter the downloading computer phone number, up to 20 digits. If fewer than 20 digits are used, press [*] to end the field.

7. Enroll transmitter serial numbers by pressing *83 while in Programming mode, then follow the prompts:

RF 01

Enter the first 2-digit zone number to be entered, then press [*]. Starting with this zone, the system will search for the first transmitter which has **all** of the following attributes pre-programmed in Zone Programming.

- a) Make sure the correct input type was selected in *56 (RF, UR, or BR programmed)
- b) Make sure the correct loop number was selected in *56
- c) No serial number programmed
- d) Zone type

If the first zone number entered does **not** have one or more of the above attributes, the system will search its database for the first zone that does, and will display it at the ENROLL SERIAL NUMBER prompt "1b".

Pressing 00 exits mode, upon which the prompt "83" blinks, indicating the mode is inactive. Press [*] + any field number to go to that field.

1A ZZ

If "L" is displayed, the serial number for this transmitter has already been entered, however, it may still be confirmed, viewed or deleted.

1A LC

If the transmitter's serial number has not been previously entered, you may enter the enroll serial number mode now by entering "1", or copy the last serial number that was entered by entering "2".

If the transmitter's serial number has been previously entered, it may be viewed by entering "3" or deleted by entering "9". If view is selected each digit will be re-displayed, and the keypad will beep once for digits 1-6, and three times for the last digit.

Once the serial number has been entered by either selecting a "1" or a "2", you will return to this prompt with the "L" on the display. At that point you may fault and restore the point, and the panel will be listening for the transmission. The serial number/loop number combination that was entered can be confirmed by faulting and restoring the zone being entered. If a transmission is received that matches the serial number and loop number entered, the keypad will beep three times, and a "C" will be displayed indicating that the received serial number transmissions has been confirmed to match. No further transmissions will be received. When confirming a 4-button key, only the serial number is confirmed, since it assumed that all loops are used. Pressing any key will allow a confirm.

* Two beeps indicate the template has been accepted.

** A single long beep indicates illegal entries, or duplicate serial number/loop entry

When the last zone has been entered, the display will remain on that zone. To exit this mode and return to data field program mode, press 00 at the ZONE NUMBER prompt

When all zones have been programmed, test each zone using the system's Test mode. Do not use the Transmitter ID Sniffer mode for this, since it will only check for transmission of one zone on a particular transmitter, and not the zones assigned to each additional loop.

1b ZZ

Manually 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.

1b

When all 7 digits are entered, press the [*] key. If the serial and loop number combination is already present in the system, or if less than 7 digits are entered, the keypad will emit a single long beep and return to the (1A) prompt with displaying the "L".

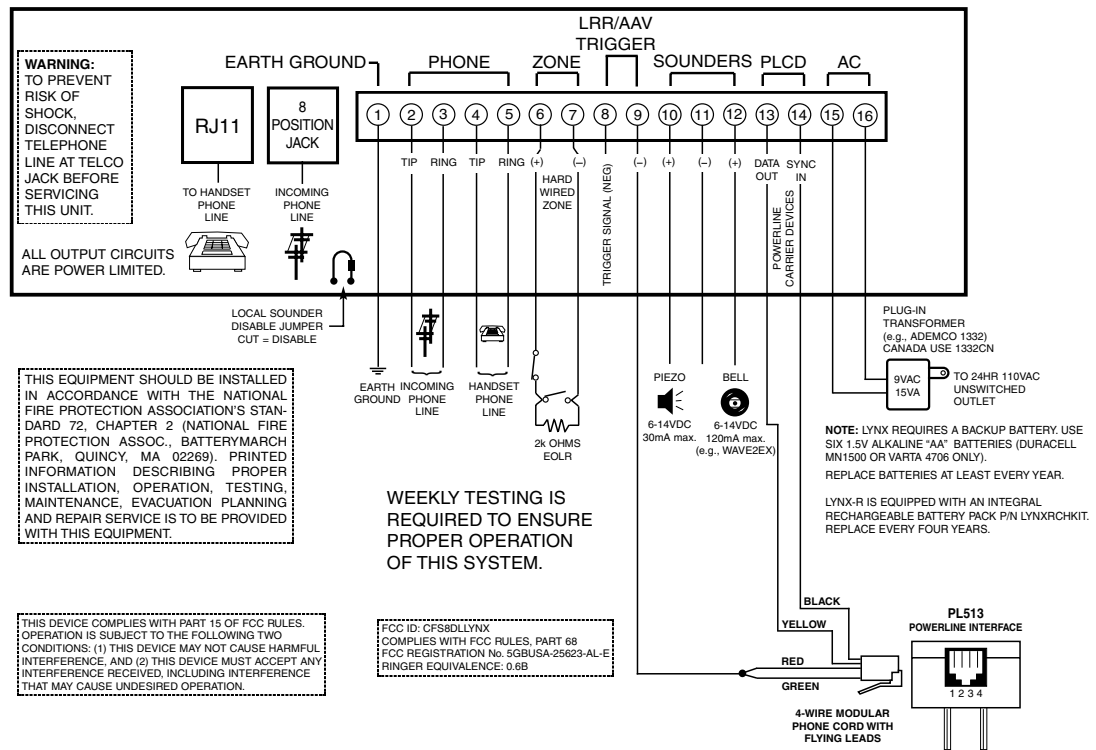
If more than 7 digits have been entered, the first 6 digits will be saved along with the last digit that was entered (entering 123456789 yields the serial number 1234569).

If 30 seconds passes and no entry has been made, the system returns to prompt (1A).

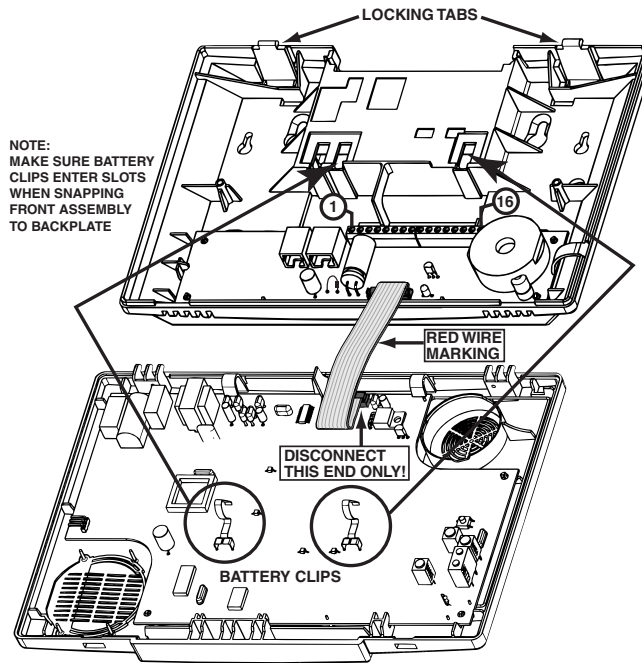
F

This function deletes just the serial number, or all zone information that has been programmed for the zone.

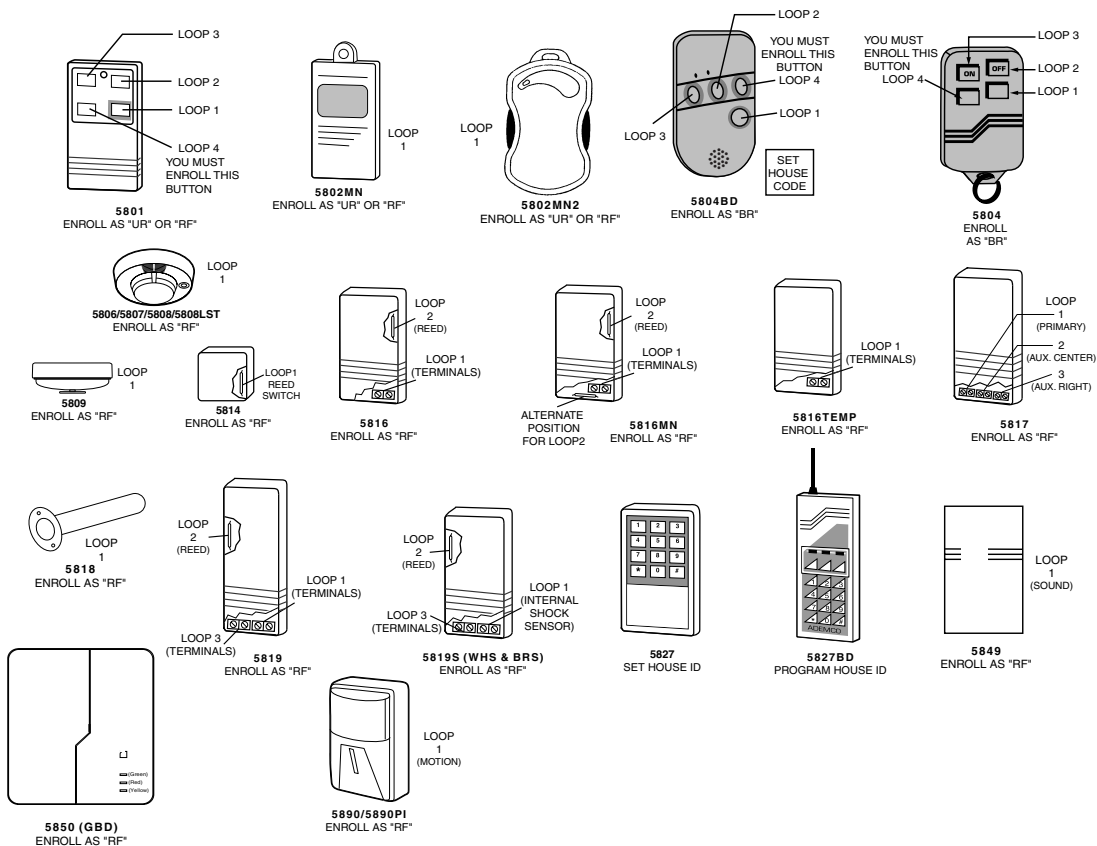
8. Set RF House ID in the wireless keypads as follows:
If using a 5827 wireless keypad, set the keypad's DIP switches to the RF House ID programmed in field *24. If using a 5804BD button key or 5827BD keypad, set the RF House ID per its instructions. If using Powerline Carrier Devices, set their House ID to "A," (programmed as "0") or use field *25 to change the ID to avoid conflicts with existing installations.
9. Set the Real-Time Clock as follows:
Enter time/date setting mode by entering the Installer Code + [63].
The hour prompt is displayed. Enter the correct hour, then press [*] to accept and advance.
For each subsequent prompt, enter the correct value, then press [*].
You will exit this mode automatically after entering the year, or if no keys are pressed for 1 minute.
10. Test the system as follows:
After installation and programming, enter Installer Code + TEST.
To exit Test mode, enter Installer Code + OFF.
11. Assign desired User Codes by following the procedures on the next page and in the User Guide.
Show the user how to perform the various system functions.
12. Perform site-initiated downloader session (to load central station ID) by Installer Code + [#] + [1].



LYNX WIRING CONNECTIONS



5800 Series Transmitter Loop Numbers: The following illustration shows the compatible transmitters and their associated input types and loop designations.



UL The 5802MN, 5802MN2, 5804, 5804BD, 5814, 5816TEMP, 5819, 5819S(WHS & BRS), 5827BD, and 5850(GBD) transmitters are not intended for any UL installations.

Keypad Functions (when default programming is used)

Security Functions

- Checking system status: [STATUS] (high level messages); press [STATUS] again for secondary messages.
- To arm in STAY mode: Press and hold down [STAY] (or enter your code + [STAY]) See note below.
- To restart exit delay: [STAY] (applies only if system is armed in Stay mode)
- To arm in AWAY mode: Press and hold down [AWAY] (or enter your code + [AWAY]) See note below.
- To arm with NO DELAY: Press and hold down [AWAY] or [STAY] + [NO DELAY] or enter your user code + the keys shown).
- To disarm the system and silence alarms: User Code + [OFF] See note below.
- To bypass a zone(s): User Code + [BYPASS] + 2-digit zone number(s)
- To turn Chime mode on or off: [FUNCTION] + [CHIME]

Message Center

- To record a message: [FUNCTION] + [RECORD]
- To stop recording before end of 20 seconds: [OFF]
- To play back a message: [FUNCTION] + [PLAY]

Volume Control

- To adjust message playback/system announcement volume: [FUNCTION] + [VOLUME] + [3] (Up) or [6] (Down)
- To mute system announcements: [FUNCTION] + [VOLUME] + [OFF]
- To restore announcement sounding: [FUNCTION] + [VOLUME] + [3] or [6]

Other Functions

- To set the time and date: User Code + [FUNCTION] + [63]
- To activate or deactivate devices 1-6: [FUNCTION] + [LIGHTS ON] or [LIGHTS OFF] + device number
- To activate or deactivate devices 7 & 8: User Code + [#] + [LIGHTS ON] or [LIGHTS OFF] + dev. no.
- To program scheduled events: User Code + [FUNCTION] + [64], then follow procedure in User Manual.
- To add a User Code: Master Code + [CODE] + user number + User's Code (see note below)
- To delete a User Code (except Master Code): Master Code + [CODE] + user number
- To turn Test mode on: User Code + [TEST]
- To turn Test mode off: User Code + [OFF]
- To use the defined AUX function: Press and hold [AUX] key 2 secs (4 beeps) + User Code
(To define the AUX function, refer to the procedure in the Aux Function section of the User Manual.
Note: The 1-button paging feature [field *87] is not enabled with the default programming)

NOTE: The Babysitter Code and Installer Code cannot disarm the system unless it was the code used to arm the system. In addition, if the system is armed by pressing and holding the Quick-Arm buttons, neither the Babysitter Code nor the Installer Code can disarm the system.

REFER TO THE INSTALLATION INSTRUCTIONS FOR THE LIMITATIONS OF THIS SYSTEM AND WARRANTY INFORMATION.

-NOTES-

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