Installing the LYNXR-2 Series Control

This Quick Start Guide can help you install the rechargeable LYNXR-2 Series Control quickly and easily by providing the basic steps for installation using the built-in defaults. LYNXR-2 also features a Voice Prompt Programming mode that allows you to program the system by responding to a series of voice prompts. For more detailed information and important notes, refer to the LYNXR-2 Series Installation and Setup Guide.

**Step 1 - Install the Control**

1. Separate the front assembly from the back plate and disconnect the cable from the front assembly board.
   
   **Note:** Disconnect the cable only from the front assembly board, not from the terminal block PC board.

2. Mount the back plate to a sturdy wall.

3. After wiring connections are made, carefully reconnect the ribbon cable and snap the front assembly to the back plate.

**Step 2 - Make Wiring Connections**

1. Connect the incoming phone line to either the 8-position jack or terminals 2 (TIP) and 3 (RING).

2. Connect the handset phone lines to either the RJ11 jack or terminals 4 (TIP) and 5 (RING).

3. If used, a piezo sounder to terminals 10 (+) and 11 (–).

4. If used, connect a bell to terminals 11 (–) and 12 (+).

5. If using Powerline Carrier Devices, connect com/data/sync/ lines from the K10145X10 transformer to terminals 9, 13, and 14 respectively.

6. After wiring connections have been made, snap the front assembly to the back plate so it is held by the locking tabs.

7. Connect wires from the K10145X10 (K10145CN) AC Transformer to terminals 15 and 16.

8. Plug the transformer into a 24-hour, 110VAC unswitched outlet.

**Step 3 - Make Battery Connections**

1. Remove battery retainer.

2. Remove backing from tape on back plate.

3. Insert battery pack into back plate.

4. Install battery retainer.

5. Connect battery connector to receptacle on terminal block PC board connector (properly aligning the red wire).

6. After all wiring connections have been made, snap the front assembly to the back plate so it is held by the locking tabs.

7. Plug the transformer into a 24-hour, 110VAC unswitched outlet.

**Step 4 - Program the Control**

**Change the Installer Code**

The factory default Installer Code for the LYNXR-2 Series Control is set to 4-1-1-2. To change this code, you must enter Expert Programming mode.

1. After Power-up, enter Installer Code + 8 0 0 or press both the [*] and [#] simultaneously within 50 seconds after power is applied to the control. The system will enter the Expert Programming Mode and “20” will be displayed.

2. Enter “20”.

3. Enter a new four-digit Installer Code.

4. Press the ESCAPE/OFF key to enter Voice Prompt Program mode. The system will annoucne, “Programming, use ARROWS to scroll choices, press SELECT to accept, press ESCAPE to quit.” The system will announce the available options.

5. Follow the directions provided by each voice prompt to make your selections.

6. When you have completed each programming procedure the system will return to the Main Programming Menu.

**Program variable data fields**

1. If required, enter *24 to program the desired 2-digit RF House ID for wireless keypads.

2. If required, enter *40 to program a PABX Access Code or to Disable Call Waiting (LYNXR-251A only).

3. Enter *94 to program the downloading computer phone number.

4. Press the ESCAPE/DOWN key to enter Voice Prompt Program mode. The system will announce, “Programming, use ARROWS to scroll choices, press SELECT to accept, press ESCAPE to quit.” The system will announce the available options.

5. Follow the directions provided by each voice prompt to make your selections.

6. When you have completed each programming procedure the system will return to the Main Programming Menu.

**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.

- The FUNCTION key can be used to repeat a voice prompt, as required.

- Upon power-up or after exiting program mode, the system takes up to a minute to reset. To bypass the reset delay, enter [#] + [0].
### Step 5 - Voice Prompt Programming

**Navigating the Voice Prompt Programming Mode**

Scroll through the voice menu and follow the instructions provided to continue using the Voice Prompt Programming Mode.

1. **ESCAPE**/OFF key: Used at any time to exit the current menu and return to the previous prompt.
2. **ADD/DELETE** key: Used to add sensors or keys or save data when entering phone or account numbers.
3. **DELETE**/STAY key: Used to delete a sensor when in the delete Sensors Menu.
4. **SELECT/AUDIO** key: Used to confirm a selection.
5. **S** key: Used to scroll forward through menu choices.
6. **F** key: Used to scroll backward through menu choices.
7. **FUNCTION**/ESC key: Used to repeat a voice prompt.

(This function cannot be used while entering phone or account numbers.)

### Step 6a - Add Sensors

**Add a Door Sensor**

- **Select “Add Sensor”**
- **Select “Delay Door”**
- **Select delay door location**
- **Select transducer type**
- **System announces desired transducer prompt**

(1) Delay Door Location

- Front: Back
- Sliding: Hall
- Side: Garage
- Basement
- Kitchen
- Patio
- Bathroom
- Master Bedroom
- Utility Room
- Nursery
- Den
- Garage

**Add a Window, Motion Detector, Or Fire Detection Sensor**

- **Select “Add Sensor”**
- **Select sensor type**
- **Select sensor location**
- **Select area**
- **Select location modifier**
- **System announces desired sensor prompt**

(2) Sensor Type

- Window
- Motion Detector
- Fire Detection

(3) Sensor Location

- Living room
- Dining room
- Bedroom
- Bathroom
- Kitchen
- Hall
- Guest Room
- Office
- Laundry Room
- Upstairs
- Downstairs
- Masters
- Utility
- Basement
- Attic
- First
- Second
- Third
- Front
- Rear
- Side

(4) Location Modifiers

### Step 6b - Delete Sensors

**Delete Sensors**

- **SELECT** key: Used to delete a sensor when in the delete Sensors Menu.

### Step 7 - Add Central Station Accounts

**Add First Central Station Phone Number**

- **Enter the central station phone number**
- **Make central station account number**
- **system switches to expert programming mode**

**Add Second Central Station Phone Number**

- **Enter the second central station phone number**
- **Make central station account number**

**Add Central Station Account Number**

All four digits of the Central Station Account numbers must be entered. For ten-digit format, all ten digits must be entered. Refer to the LYNXR-2 Series Installation and Setup Guide for additional information regarding these programming options.

### Step 8 - Program Additional Options

**Enter Expert Programming Mode**

- Once you have entered the Expert Programming Mode, the **ESCAPE** key can be used to return to the Voice Prompt Programming mode.
- If you are in any of the Interactive Menu Modes ( *96, *98, *91, *88 or *95), you must return to the main menu in that field before pressing the **ESCAPE** key.

The LYNXR-2 Series is configured with Factory Default Settings. You can revise these settings using the Expert Programming Mode. Refer to the Installation and Setup Guide to view these defaults and to continue programming the individual fields using this mode.

### Step 10 - Program User Functions

**Set the Real-Time Clock**

- **Enter the Installer Code + FUNCTION + #**

**Change the Master User Code**

- **Enter the Installer Code + CODE + # + 02 + desired 4-digit Master Code**

**Add User Codes**

- **By following the procedures in the LYNXR-2 Series User Guide, show the User how to add additional User Codes.**

**Test the system**

- **Enter the User Code + TEST key.**
- **The external sounder will sound for two seconds and all the LCD segments on the keypad display light for 3 seconds.**
- **Open each protected door and listen for three beeps from the keypad, followed by the zone’s Voice Descriptor. Identification of each faulted protection point should appear on the display, and clear when the door is closed.**
- **Walk in front of the motion sensor and listen for three beeps and the zone’s voice descriptor.**
- **When testing is complete, enter: User Code + OFF key.**
- **Press each key on the key fob to confirm it performs its assigned function.**

**Note:** Refer to the LYNXR-2 Series User Guide for additional information.

### Step 9 - Perform Go/No Go Test

Temporarily mount wireless devices in the preferred mounting location and perform a Go/No Go test to ensure adequate signal strength is available.

1. **Enter Installer Code + [#] + [8] and run Go/No Go Test.**
2. **FAULT each transmitter to ensure all programmed zones are received.**
3. **Mount the transmitter in its permanent location.**

### Programming Notes

**Entering Voice Prompt Programming**

- Power-up the control and enter the Installer Code + 8888. When you have completed each programming procedure the system will return to the Main Programming Menu.

**Exiting Voice Prompt Programming**

- Once you have returned to the Main Programming Menu, press the **ESCAPE**/OFF key.

**Entering Central Station Phone Numbers**

- Enter 09, # + 11 = *, # + 12 = #, # + 13 = a pause of 2 seconds.

**Entering Central Station Account Numbers**

- Enter 09, # + 11 = #, # + 12 = C, # + 13 = D, # + 14 = E, # + 15 = F

**Programming Zone Types**

- The Voice Prompt Programming feature can not be used to program Zone Types 02, 05, 10, 14, 16 (LYNXR-251A) and 24. Programming these zone types must be done using the Expert Programming Mode.