

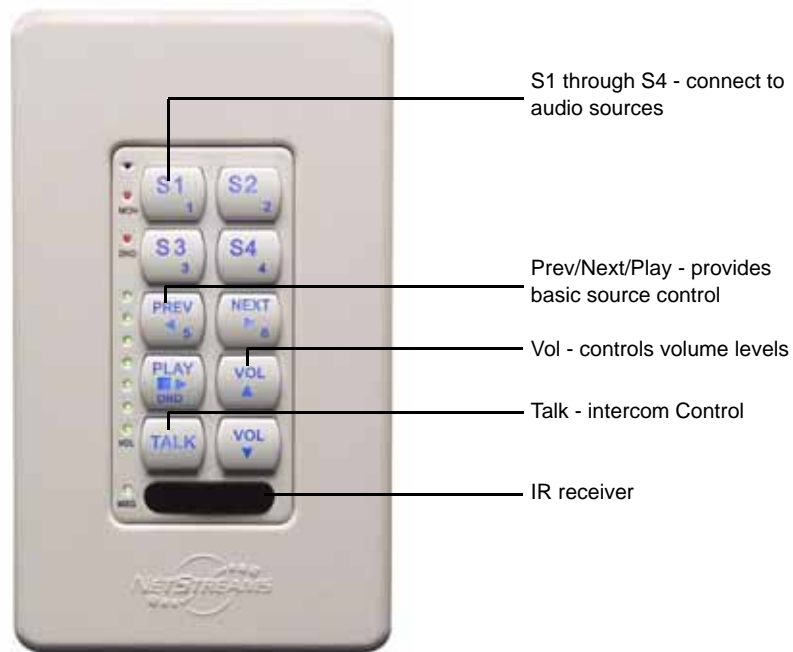
## Introduction

The KeyLinX is a lower-cost user interface for rooms that do not need all the programming features that a TouchLinX or web browser might provide. KeyLinX provides a way of controlling the audio in a room by use of a ten-button keypad (see Figure 12-1). The rear panel of the KeyLinX has a connection for both an EIM splitter and an *IRLinX* (on page 12-2).

An *IRLinX* allows DigiLinX to receive IR commands in rooms that do not have an IR receiver. It provides installers with the flexibility to locate the IR receiver in a convenient location to meet the homeowner's needs. *IRLinX* processes DigiLinX native IR commands such as volume up, volume down, and mute, from a KeyLinX. *IRLinX* will also accept IR commands from a source's original remote, or universal remote, and pass them on to the active source using network IR pass-through.

The KeyLinX keypad allows you to:

- select from four audio sources
- define six different presets for each source (press and hold function)
- provide basic source control
- control volume
- control the intercom (KL20x version only).



**Figure 12-1** KL201 KeyLinX



**Figure 12-2** Rear Panel of KeyLinX 101/201

## Wiring

To wire the KeyLinX, you'll need:

- KeyLinX keypad
- three CAT5 cables (terminated using the 568a standard)

- EIM dongle (includes one CAT5 cable)
- tools for making cable (including cable tester).

## Installing a KeyLinX with an Audio Port

The following procedures show you how to install a KeyLinX with an audio port configuration.

1. Connect the KeyLinX to the KeyLinX-labeled connector on the splitter.
2. Connect the *Audio Port* and/or MU290 to the audio connector on the EIM splitter. (see Figure 12-3).



**Figure 12-3** KeyLinX Installation Drawing

## Installing an *IRLinX* in a KeyLinX Configuration

The EIM splitter is **required** in **all** KeyLinX installations. This provides a port for the KeyLinX (KL101 or KL201) and for the Audio Port. Figure 12-3 shows a KeyLinX

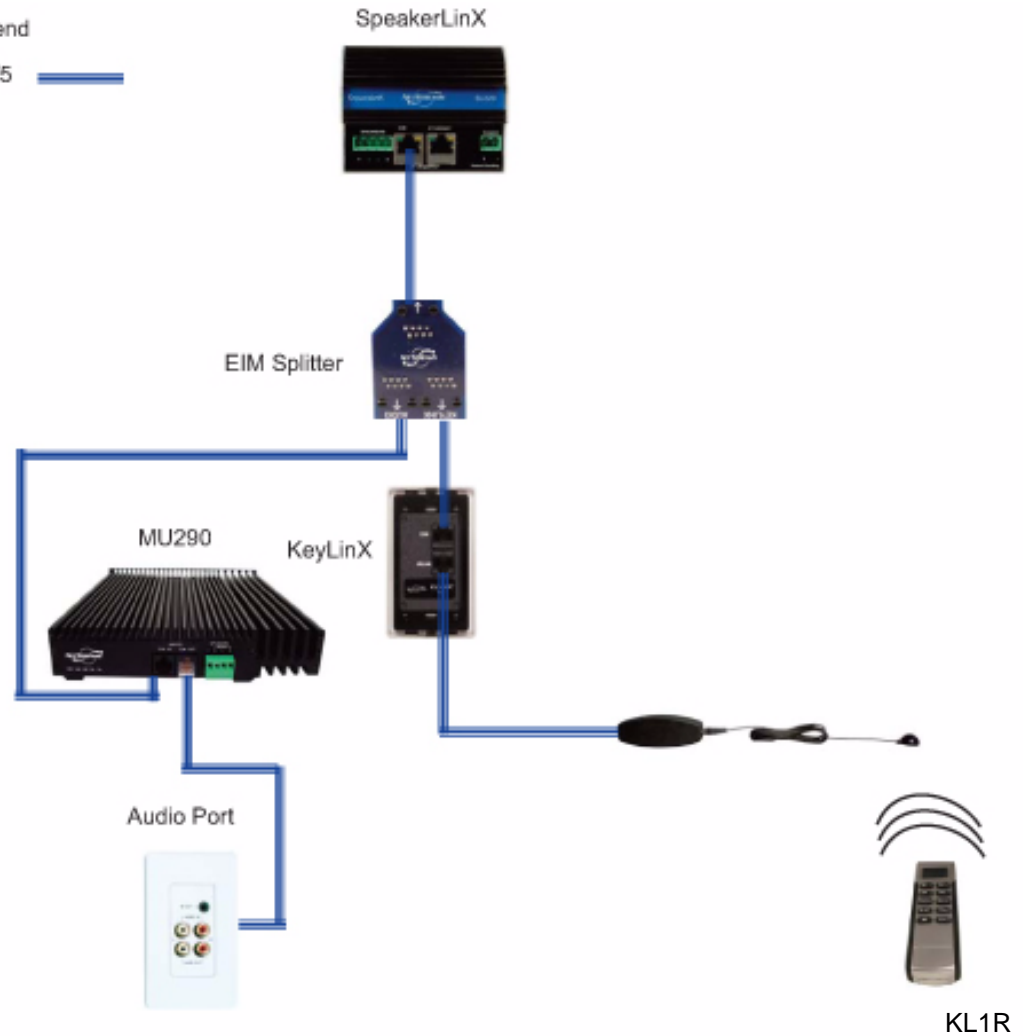
configuration using an EIM splitter, SpeakerLinX, *SwitchLinX*, MU290, Audio Port, and *IRLinX*.

Legend

==== CAT5

Legend

CAT5



**Figure 12-1** KeyLinX Configuration with an *IRLinX*

**NOTE:** Maximum CAT5 cable length for EIM connections is 60 feet.

To connect the KeyLinX configuration shown in the figure above, follow these steps:

1. Locate the cable and splitter under the cardboard located at the bottom of the KeyLinX box.
2. Connect the SpeakerLinX to the EIM splitter connector labeled SpeakerLinX using the 1 foot cable provided.
3. Connect the KeyLinX to the EIM splitter jack labeled KeyLinX.

4. From the Audio port located on the EIM splitter, run a CAT5 cable to the Audio Port (or to the MU290 and then to the Audio Port if you are using an MU290).
5. Connect the Audio Port or MU290 to the EIM splitter jack labeled Audio.
6. Connect the *IRLinX* to the KeyLinX connector labeled *IRLinX*.

## Configuring in Dealer Setup

Configuring a KeyLinX in DigiLinX Dealer Setup is a two-phase process:

- configuring KeyLinX options in SpeakerLinX
- configuring presets and controls for the source. The presets must be defined within the device supporting that source or stream.

## Defining Presets for KeyLinX

If you are using a KeyLinX, you can define presets for each stream. The KeyLinX has six buttons available that can be configured to initiate a specific function when pressed. For example, button one can be configured to play a specific playlist when button one is pressed.

To define a preset, complete the following steps:

1. Left-click on the SpeakerLinX hosting the stream you want to create the preset for.
2. Select the **Streams** tab.
3. In the table located at the bottom of the Streams tab, select a Preset.

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**NOTE:** The ID number corresponds with the button number on the keypad.

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4. Select the stream from the compatible digital media server that you want to have as a source available on the KeyLinX for control.
5. Enter the relevant details.

For example, on Jason's Stream, select Preset 1, then select Artist for the category, and use Shawn Colvin as the detail. This causes the KeyLinX to begin playing Shawn Colvin songs when button one is pressed, but only if Jason's Stream is active.

6. Define the presets for each stream.

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**NOTE:** When you enter the detail, ensure that you use the same spelling and capitalization as it appears on the TouchLinX. You may find it is easier to make this setting after you have finished configuring the system.

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**NOTE:** Once you have set the KeyLinX Presets, write them down so you have a list of what each button does on that stream.

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## Downloading KeyLinX Firmware

If you need to download the latest version of firmware for the KeyLinX, complete the following steps:

1. Left-click on the SpeakerLinX you want to edit in the project.
2. Select the KeyLinX tab.
3. Click on the Download Firmware button.  
You are prompted for a file.
4. Browse to c:\program files\DigiLinX Dealer Setup\Upgrades\.
5. Locate the folder with the model number of the KeyLinX.
6. Locate folder with the latest version date (in ##\_##\_#### format).
7. Select the .srec file inside the folder.
8. Click **OK**.

The file starts downloading.

Once the download completes, a message displays that states the download was complete.

9. Close the window.

## Resetting the KeyLinX

Use the Reset KeyLinX button during installation to reset the KeyLinX if it locks up. To reset the KeyLinX, complete the following steps:

1. Left-click on the SpeakerLinX you want to edit in the project.
2. Select the KeyLinX tab.
3. Click on the Reset KeyLinX button.

The KeyLinX resets. While resetting the KeyLinX, the buttons turn from blue to amber then back to blue. Once the buttons have switched back to blue, the KeyLinX is reset.

## Configure Using the KeyLinX Tab

1. Configure the KeyLinX using the KeyLinX tab (shown on page 5-76).
2. Select **Apply**.
3. Upload configuration files to the server.