

DIGILINX™ Release Notes

Firmware Release Note

DigiLinX Dealer Setup Program Version 1.38

Firmware Release Notes: Version 1.06.05

PLEASE REMEMBER TO UPDATE THE FIRMWARE OF YOUR DIGILINX SYSTEM USING THE DIGILINX DEALER SETUP PROGRAM BEFORE CONFIGURING THE SYSTEM AT INSTALLATION TO TAKE ADVANTAGE OF THESE GREAT NEW FEATURES!

NEW: Firmware for KeyLinX™ integration

Description: The new firmware version 1.06.05 enables the *SpeakerLinX™* EIM port to be used with the *KeyLinX* KL100 or KL200 in-wall hard button keypad controllers.

Benefit: Now you can integrate the new *KeyLinX* products in rooms where a LCD touch panel may not be needed (bathroom, kid's room, other). The KL100 and KL200 provide an easy way to control up to four audio sources on the *DigiLinX* network, with presets for each source programmed on the press and hold functions of the *KeyLinX* keypad. (*remember, with a compatible media server and multiple streams from that media server, each stream is treated as a separate source).

When a source is selected for playback, (S1, S2, S3, or S4), the backlight on the button corresponding to that source will turn an amber color, showing that the source has been selected.

The Preset functions for that source are accessible using the press and hold function on the *KeyLinX* keypad.

Common preset functions for a stream coming from a compatible media server would be a playlist, genre of music, or artist stored on the media server.

Common preset functions for an AM/FM or XM® Tuner would be station presets.

NOTE: the IR window is for pass through of the IR signal to a source connected to the Audio Port at this time only. Additional IR functionality will be released in a future firmware upgrade.



KeyLinX KL100 Keypad

The
IP-Based
Distributed
Entertainment
Company.

Highlights

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NEW Firmware for
KeyLinX KL100 & KL200
Integration

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NEW Firmware for
ControlinX CL100
Integration with Lutron®
RadioRA® lighting,
system Aprilaire® HVAC
systems, and more!

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NEW: Firmware for
IP-enabling the control
(voltage sensing,
one-way IR/RS-232) of
other devices!

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A short tutorial on
KeyLinX programming



Firmware Release Notes; Version 1.06.05 Continued



NEW! Firmware for *ControLinX*™ CL100, including drivers for Lutron® RadioRA® and Aprilaire® HVAC!

Description: The new firmware version 1.06.05 includes drivers for the integration of Lutron RadioRA Lighting system and Aprilaire automated heating and cooling system with the *ControLinX* CL100. The *ControLinX* will ship in August, so you can utilize *DigiLinX* dealer setup version 1.38 to plan for a project including one or multiple CL100s.

NOTE: Make sure you upgrade the firmware on all of your *DigiLinX* devices!

Benefit: Give your customers the ability to control lighting and their heating / cooling system from their *DigiLinX* user interface! Turn on or off custom lighting scenes and control and view the temperature in their home from their *TouchLinX*™, wireless web tablet, PDA, or PC! You can name custom Lutron RadioRA lighting scenes using the *DigiLinX* dealer setup version 1.38 and then upload the configuration to the *DigiLinX* system.

Lighting Control User Interface:



When using a CL100 to integrate with a Lutron RadioRA lighting system, you can control up to 17 scenes of lighting from this user interface on your *TouchLinX*, wireless web tablet, PC or PDA. Use the *DigiLinX* Dealer setup version 1.38 to custom name up to 15 scenes.

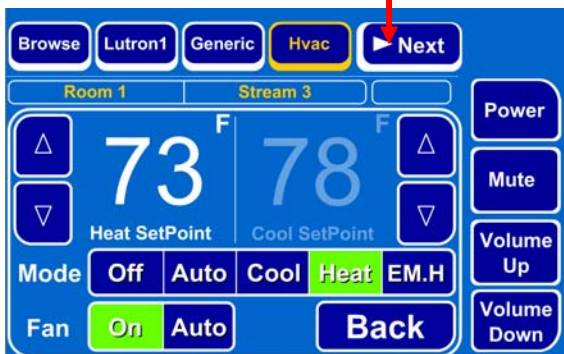
NOTE: Connect the 3.5mm to RS-232 cable from the *ControLinX* CL100 to the Lutron Chronos™ system bridge and timeclock (REQUIRED). Use one CL100 per Chronos.

Heating & Cooling Control User Interface:



When using a CL100 to integrate with an Aprilaire heating and cooling system, you can view the temperature for any zone, including outside and/or outside humidity (*requires use of Aprilaire 8061and/or 8062 sensors) on your *ouchLinX*, wireless web tablet, PC or PDA.

NOTE: Connect the 3.5mm to RS-232 cable from the *ControLinX* CL100 to the Aprilaire 8811 protocol adaptor (REQUIRED), and then from the adaptor to the Aprilaire 8818 distribution panel. Use one CL100 per Aprilaire system.



When you touch the "CONTROL" button on the main heating and cooling screen on your *TouchLinX* or other *DigiLinX* user interface, the screen on the right appears, allowing you to adjust set points for heating, cooling, and Emergency Heat (EM.H) as well as the modes for your Aprilaire system.

Firmware Release Notes; Version 1.06.05 Continued

NEW! Firmware for other devices to be used with a *ControlinX*™ CL100: Voltage sensing devices (doorbell mute):

Description: The new firmware version 1.06.05 also includes a driver for the integration of a voltage sensing doorbell mute interface. **NOTE: Make sure you upgrade the firmware on all of your *DigiLinX* devices!**

Benefit: Maybe your customer is having a party and they need to hear the doorbell over the music. Now you can set the *DigiLinX* system to automatically mute the audio (15 or 30 seconds) when the *ControlinX* CL100 senses voltage input using *DigiLinX* dealer setup software version 1.38.

Connect an RCA to two-tinned lead cable (sold separately) to the voltage sensing input and use the recessed adjust screw to adjust the trigger



NEW! Firmware one-way IP-enabled control of an RS-232 or IR device connected to a *ControlinX*™ CL100:

Description: The *ControlinX* CL100 can also be used for IP-Based one way control of a device via IR or RS-232. A generic control screen is included in the firmware so you can use *DigiLinX* dealer setup version 1.38 to name the buttons and learn the IR or RS-232 codes for one-way control. **NOTE: Make sure you upgrade the firmware on all of your *DigiLinX* devices!**

Benefit: So we know that you might want to control something else using the *DigiLinX* IP-Based Multi-Room Audio and Control system! We've also included in this firmware release a generic screen for your to name buttons for your customer to control anything they want. Remember, this is for one-way IR or RS-232 control, and you will need to use one (1) *ControlinX* CL100 per device.



Firmware Release Notes; Version 1.06.05 Continued

How to Program a KeyLinX KL100 or KL200 with the new software:

Since KeyLinX is an EIM-connected device, you will find the KeyLinX menu appears as a tab in each of the SpeakerLinX settings. (It is important to note that a KeyLinX can not be utilized in a room without a SpeakerLinX).

In programming:

1. First create your project and add the SpeakerLinX to your project and select the appropriate model number of the KeyLinX keypad from the drop down menu.
2. Match the compatible media server and the DigiLinX devices.
3. Then, click on your media server and auto assign the streams.



Click on Auto Assign to assign the streams from the media server.

4. Now you're ready to edit your KeyLinX Settings. Click on the room name and SpeakerLinX icon that will have the KeyLinX installed in the room in your project file.
5. Select the sources for each of the 4 corresponding source buttons on the KeyLinX from the drop down menu.
6. Now, program your presets for each source. To do this:

- A. **For AM/FM Tuner:** Go to the corresponding MediaLinX and click on the **Source** tab and program in the 6 preset stations.
- B. **For Polk Audio[®] XM Tuner:** Go to the corresponding MediaLinX and click on the **Source** tab and program in the 6 preset stations.
- C. **To program in presets for a stream of music:** Go to the stream tab in the DigiLinX device that has been assigned to proxy that stream and type in the name of the preset in the display (these presets will be also displayed on the TouchLinX), choose the category (Artist, Album, Genre, or PlayList) and type in the exact name of the selection as it appears on the media server into the details section. Then click on **Apply Changes**.
- D.

ID	Display	Category	Details
1	Rock	Genre	Rock
2	70's Playlist	Playlist	70's
3	Eric Clapton	Artist	Eric Clapton
4	Leeron	Album	Under the Moonlight
5	Jazz	Genre	Jazz

Remember to send the configuration the DigiLinX devices!

NOTE: Windows XP is now a minimum requirement for programming!

NOTE: Please see Application Note 206 KeyLinX programming and Operation.