

DIGILINX™ Application Note

The
IP-Based
Distributed
Entertainment
Company.

Using IRLinX and RTI™ Remote Controls to Control DigiLinX

Products Included:

DigiLinX™

SwitchLinX™

SpeakerLinX™

KeyLinX™

IRLinX™

Custom installers frequently make use of universal remotes to control a variety of home subsystems. Using *DigiLinX* IR capabilities, custom installers can configure RTI remotes to control many aspects of a *DigiLinX* system, including volume, source selection, triggering macros, and passing native source Infrared (IR) commands through the network to the currently selected source.

This application note provides a system diagram of how an RTI remote works with a *DigiLinX* system, procedures for loading the *DigiLinX* native IR codes into an RTI remote, and a listing of supported RTI IR remotes.

NOTE: There is no *DigiLinX* native IR command to switch IR control to a different zone. *DigiLinX* native IR codes **only** work in the room *IRLinX* is tied to. **Use macros tied to *DigiLinX* native IR commands to control specific functions in other zones.** For more information, see the *SpeakerLinX* section, IR tab, in Chapter 5 of the *DigiLinX Dealer Setup* manual.

System Diagram

Figure 1 on the following page shows one zone of a *DigiLinX* system with a *SwitchLinX*, *TouchLinX*, *SpeakerLinX*, Audio Port, *KeyLinX*, and *IRLinX*. By loading *DigiLinX* native IR codes into a supported IR remote (the code library is available from the *Dealer Documents* section of www.netstreams.com) using RTI's TheatreTouch Designer program, installers can use RTI remotes to control *DigiLinX* components within a room.



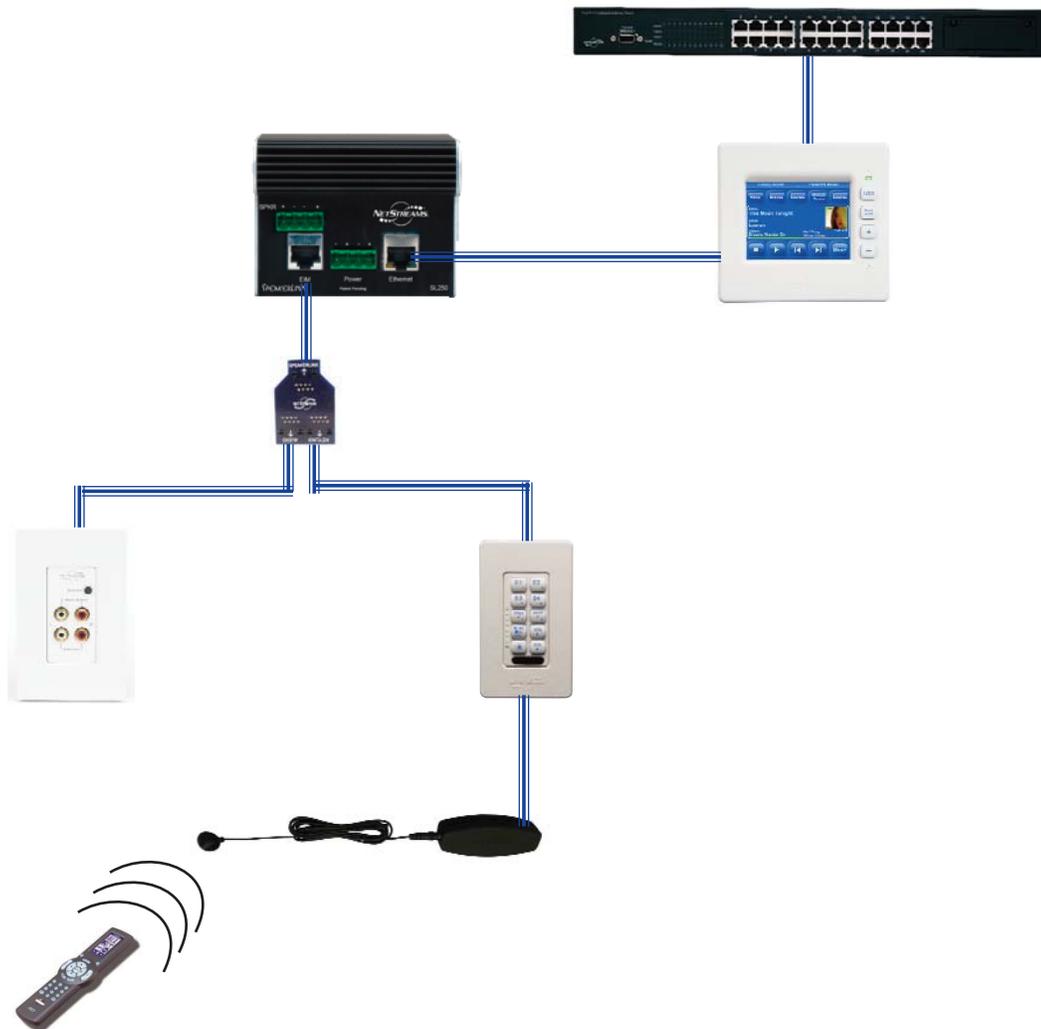


Figure 1 Using an RTI remote with a *DigiLinX* system

Loading *DigiLinX* IR Codes into an RTI Remote

Complete the following steps to load *DigiLinX* native IR codes into a supported RTI remote.

1. Set up and configure *DigiLinX* equipment with the *DigiLinX* Dealer Setup program. Verify that the equipment is working.
2. Download the *DigiLinX* IR library file for RTI from the *Dealer Documents* section of www.netstreams.com.
3. Use the RTI TheatreTouch Designer program to load the IR commands into the RTI remote.
4. Verify that the IR commands work correctly by pointing the RTI remote at the *IRLinX* receiver and pushing the button.

Supported RTI IR Remotes

RTI IR remotes supported by the *DigiLinX* system include the following:

- T1 Universal Controller
- T1+ Universal Controller
- T2-C Universal Controller
- T3 Universal Controller
- M2 Universal Controller