



TheaterLinX TH100

Home Theater Bridge

TheaterLinX provides a solution for interfacing a home theater receiver with DigiLinX. Audio can be streamed to and from the receiver through the TheaterLinX. In addition to bridging audio from the theater to the DigiLinX system, TheaterLinX also allows DigiLinX to control the receiver using IR or RS-232 and provides input and output contact closures.

- Home Theater Interface
- Source and Display Control
- IR Control
- Home Theater Enhancements
- Intercom
- Mounting Options
- Streamnet™ Connected



TH100

■ Home Theater Interface

The analog or digital (stereo S/PDIF) signals can be sent from the TheaterLinX to the receiver and from the receiver to the TheaterLinX. Using RS-232 or IR, the receiver can be controlled from DigiLinX. Two-way RS-232 control of a receiver or display requires a LUA driver. DigiLinX Dealer Setup includes several drivers that have already been written for common Receiver brands. TheaterLinX will also ensure that the receiver stays powered up using the power sense connection.

■ Source and Display Control

DigiLinX uses TheaterLinX as a source controller. Using IR and RS-232 up to 8 sources can be controlled using TheaterLinX. The IR signals are learned into the TheaterLinX and are tied into the user interface used to control that source. Sources built into the receiver can be controlled using RS-232. Displays connected to the receivers can also be controlled using a dedicated IR or RS-232 connection. TheaterLinX includes four source IR ports, one IR or RS-232 port (for receiver) and one IR or RS-232 port for display control.

■ IR Control

The IR used to control sources, displays and receivers is learned into the TheaterLinX using the built in IR receiver. This receiver can also accept DigiLinX Discreet IR codes and will pass non DigiLinX IR to the current active source. Home Theaters using a third party IR block can also connect to the TheaterLinX to send and receive IR.

■ Additional Home Theater Features

TheaterLinX acts as a control device using four built in contact closures (four output and 1 input). The three output contact closures can be triggered from a macro in DigiLinX and used to trigger the opening shades, activating drop down screens, and projector lifts. The input contact closure can be used to trigger a macro.

The Ultimate IP A/V Experience

TheaterLinX TH100

Features

■ Intercom

TheaterLinX supports the DigiLinX Intercom functionality, allowing a page or doorbell ring to be played in the Theater if the receiver is on and being used. Once the page or doorbell is answered the receiver switches back to the original source being played.

■ Mounting Options

When installed into a 19" rack TheaterLinX uses 1 U of rackspace and requires the full rack width. Rack ears are included with the TheaterLinX. In cases where the receiver is not in a rack or is located in a separate zone the TheaterLinX can be placed free standing at the receiver.

■ StreamNet™ Connected

NetStreams Patent-pending StreamNet Technology provides the backbone for DigiLinX. StreamNet technology ensures that audio between all zones are within 500 microseconds of each other; StreamNet Connected devices work seamlessly together, and can be updated in the future as new features become available.

Specifications

Audio Input Connectors:RCA (1 pair) S/PDIF

Output Connectors:(Pass Thru),
RCA (1 Pair) S/PDIF

Gigabit Ethernet Connection:(RJ45)

4 Modular Phoenix connectors: ..3 output, 1 input

IR Emitter Outputs:six (3.5 mm)

IR Receiver Input :one (3.5 mm)

AVR Control (RS-232) :one (3.5 mm) Speaker LEDs
for Power indicationone (1)

IR Emitter:.....three (3) included

IR Receiver:.....one (1) included

Adhesive Rubber feet:.....four (4) included

RS-232 to 3.5 mm Cables:.....one (1) included

Dimensions:.....17 1/4" x 1 3/4" x 9 1/4"

(W x H x D) 438 mm x 44 mm x 235 mm

Weight:.....5.44 lbs (2.47 kg)



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Excellence in Design

NetStreams is focused on providing high quality networked digital A/V systems. By leveraging its patent pending technologies and applications, NetStreams is creating the future of IP A/V - today.

Support - NetStreams offers world-class support for all products.

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