



MediaLinX MLA101 IP-Based Media Converter/Controller

MediaLinX allows installers to convert audio from sources like CD's, tuners and satellite radio into TCP/IP packets and distribute them across a DigiLinX network. A MediaLinX also provides one-way or two-way control a source, allowing user to control a source and view metadata from any DigiLinX user interface.



MLA101

- Distributed Architecture
- Real-time Audio Encoding
- Unlimited Sources
- IR/IP/RS-232 Source control
- Mounting options

■ Distributed Architecture

DigiLinX uses a distributed architecture that allows the hardware and processing power to be spread out over a TCP/IP network. This leverages the advantage of TCP/IP over traditional analog systems. Traditionally, sources were located at the head end or required additional infrastructure for global sources to be located in the zones. MediaLinX only requires a Cat5 connection back to the switch and power (power supply sold separately) allowing the source to be located where it is convenient to the user.

■ Real-time Audio Encoder

Each MediaLinX converts analog or S/PDIF stereo audio into TCP/IP packets for distribution across a DigiLinX system. The analog conversion is handled by a 24-bit / 96 kHz BURR-BROWN analog to digital converter. Once the audio is converted to a digital format the audio is streamed onto the DigiLinX system in a linear PCM format that has been converted into TCP/IP packets. This process also allows the MediaLinX to use NetStreams' Audio Input Compensation Technology. The volume level of the connected source can be adjusted so that it is consistent with the other sources volume levels.

The Ultimate IP A/V Experience

MediaLinX MLA101

Features

■ Unlimited Sources

Using TCP/IP as a distribution system allows DigiLinX to leverage the benefits of networking. Like a computer network, the size of the network increases dynamically as more devices are added to the network. DigiLinX does not place any limits on the number of MediaLinX that can be connected to a network.

■ IR/IP/RS-232 Control and Power Sensing

Built into each MediaLinX is the technology to control the connected source using either IR, IP, or RS-232. IR commands can be learned into the MediaLinX through a built-in IR Receiver and does not require separate IR learning hardware. For sources requiring two-way control, a MediaLinX can use LUA drivers that communicate using IP or RS-232 protocols. This allows the MediaLinX to extract metadata and ensure commands were received. Many drivers have already been written and are included in DigiLinX Dealer Setup and new ones are added regularly. Each MediaLinX also includes an RCA connector that can be used to detect the power state of the source using either the video signal, power level, or LED state(LED Sensor sold separately).

■ Mounting Options

A MediaLinX can be mounted into a rack or left freestanding. A freestanding MediaLinX is ideal in cases where the source is not located at the head end, but in a zone. For sources that are located in at the rack, up to two MediaLinX can be mounted onto a Netstreams Rack Mount plate. The rack mount plate fits a 19" rack and occupies 2U of space.



Optional LED Sensor available
P/N: PS301-LS



RS-232 Cable included

Specifications

- Audio Input Connectors:(1) Gold-plated RCA jacks
.....(1) Coaxial Digital (S/PDIF)
- Audio Output Connectors:(1) Gold-plated RCA jacks
.....(1) Coaxial Digital (S/PDIF)
- RJ45 Connection(for network)
- Composite Video Input & Output(video sensing)
- 2-position Phoenix Connector for Power (20-28V DC)
- IR Emitter/RS-232 Output(3.5 mm)
- IR Emitterincluded
- Video Sensing Probeincluded
- LEDs for Signal detection, Power Detection
- Activity Status
- Dimensions:8 1/4" x 5" x 2"
- (W x H x D)(210 mm x 127 mm x 51 mm)
- Weight:1 lb (0.6 kg)
- NetPower™I



- CE Certified
- C-Tick Certified
- Restriction of use of certain Hazardous Substances (RoHS) compliant



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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.

Email-support@netstreams.com or toll free - 866.353.3496

