MD-3
RS422/232/MIDI CONVERTER

Description

The MD-3 units are accessories for the LightViper Series 32 product line and are not stand alone products. They need to be connected to an existing LightViper Series 32 system to function. The MD-3 is used in pairs and will function utilizing the "Control" EtherCon® connector on Series 32 models including VIS-1832, VIM-1832, VIS-4832, VIM-1808 & VIM-0808. The MD-3 translates RS422/RS232 or MIDI control information into TTL data. This data is then transported along with the audio input data (returns) from the FOH position to the Stage. The following combinations are possible:

- Input to a VIM-1832 and output from a VIS-1832
- Input into a VIM-1832 and output from a VIS-4832
- Input to a VIM-1808 and output from a VIM-0808
- Input to a VIS-1832 and output from a VIM-1832 & VIM-1032

There are 3 RJ45 connectors on one side (input/output of the Series 32 device). On the other side of the MD-3 there is a DB9 connector for connecting RS232, a 5-pin DIN connector for connecting MIDI, and a DB9 connector for connecting RS422. There is a switch to select whether the MIDI connector is being used as an input or an output. Only one type of data can be connected to a single path, in a single 32 channel LightViper system, at one time.

Architect's Specifications

The device shall be used in pairs, one used as an input device and one used as an output device. One side of the device shall contain 3 RJ45 connectors. The opposing side shall contain 1 DB9 connector for connecting RS232, 1 DB9 connector for connecting RS422 and 1 5-pin DIN connector for connecting MIDI. There shall be a toggle switch to select whether the MIDI connector is being used as an input or an output. No separate power supply is necessary. The device shall obtain it's power directly from the connection to a LightVIper Series 32 device. Only one type of data (RS232/RS422/MIDI) can be connected to a single path of a single 32 channel LightViper system at one time. The device shall be the LightViper MD-3.

Features & Benefits

- Allows control of RS422/232 or MIDI devices located on stage from FOH
- Data transported on existing fiber along with input (return) audio data
- Powered by connection to Series 32 device

Applications

- Can be used with any Series 32 fiber optic transport system