

The need to run MIDI signals over long distance is essential for use in recording facilities, theatres, arenas, churches, schools, cruise ships, casinos, nightclubs and other venues using simple twisted pair wiring. Touring professionals also rely on JLCooper MIDI Line Amplifiers to carry MIDI signals long distances over standard audio snakes.

## MLA-1 MIDI Line Amplifier

### MLA-1

The MLA-1 can be wall panel mounted or used with a separate MIDI jack panel. This facilitates greater flexibility for installations where MLA-1 units can be in every required room.

MLA-1 can be powered by an MLA-10 or used alone with a separate power supply. Its compact size allows it to be mounted on or inside a wall or panel.



### MLA-1 MIDI Line Amplifier Features

- 4 MIDI Inputs - 4 MIDI Outputs
- Panel mount version
- All barrier strip connections
- Multiple units may be networked
- Can be used with other MLA units.
- Dimensions 6.6" x 6.2" x 0.85"
- Weight 2 lbs.



## eBOX Quad Serial to Ethernet Interface

eBOX is a 10/100BASE-T (Ethernet) to RS-232/422(9-Pin)/485 and GPI hardware interface. It acts as a portal for controlling devices across your facility or across the world.

It eliminates information bottlenecks and overcomes distance limitations typically inherent to serial communication. It simplifies long distance cabling by using IP addressable, point-to-point architecture to send control messages over existing 10/100 BASE-T wiring.

eBOX features four serial connectors, activity LED's, 24 GPI Inputs and 24 GPI Outputs as a standard feature (General Purpose Interface - facilitates switch closure control).



Commands from a host NLE, Browser or RS-422 switcher/controller may be directed to individual devices on the network.

This allows broadcast or networked facilities to control distanced machine rooms from a facility's central server.

ation is possible. An unlimited number of units can be addressed.

JLCooper's SDK provides comprehensive tools for software developers to link Visual Basic, C++, HTML or embedded devices for direct control of any device connected to any eBOX.



eBOX Rear Panel

It's ideal for LAN, WAN and Internet control of VTRs, DDRs, HDRs, switchers, computer based editing systems, cameras, projectors and other products that use RS-232/422 (9-Pin)/485 and GPI.

eBOX is ideal for broadcast television, streaming media networks, multi-room editing facilities,

news production or in any audio/video/multimedia studio where remote hosts need to control devices over long distances or via the Web. Host to eBOX, eBOX to host and eBOX to eBOX communi-

### eBOX Features

- 4 9-Pin D Sub Serial Connectors
- 1/2 Rack Version
- Two 24Pin D Sub GPI Connectors
- RJ-45 Ethernet Connector
- Network Units on LAN or WAN
- Dimensions 8.5" x 4.7" x 1.75"
- Weight 4 lbs.