



Control Processor M1

500819



Overview

The MuxLab Control Processor M1 (model: 500819) is a versatile control processor for MuxLab devices and third-party products. The unit supports one (1) Ethernet port (for TCP/IP, HTTP, UDP, and Telnet), two (2) RS-232 ports, two (2) Infrared port, two (2) voltage sense ports, and two (2) Relay ports for control of end devices.

The MuxLab Control Processor M1 can control MuxLab products including MuxLab's AV over IP system via the 500813 Muximus Network Controller, MuxLab's TCP/IP, Telnet and RS-232 managed Matrix Switches, as well as third party devices such as projectors, projector screens, displays, AV sources, and other similar devices. The 500819 Control Processor M1 can be configured, and managed via the web interface.

Applications

- Commercial and residential AV systems
- Classroom AV systems
- Boardroom systems
- Home Theatre
- Showroom

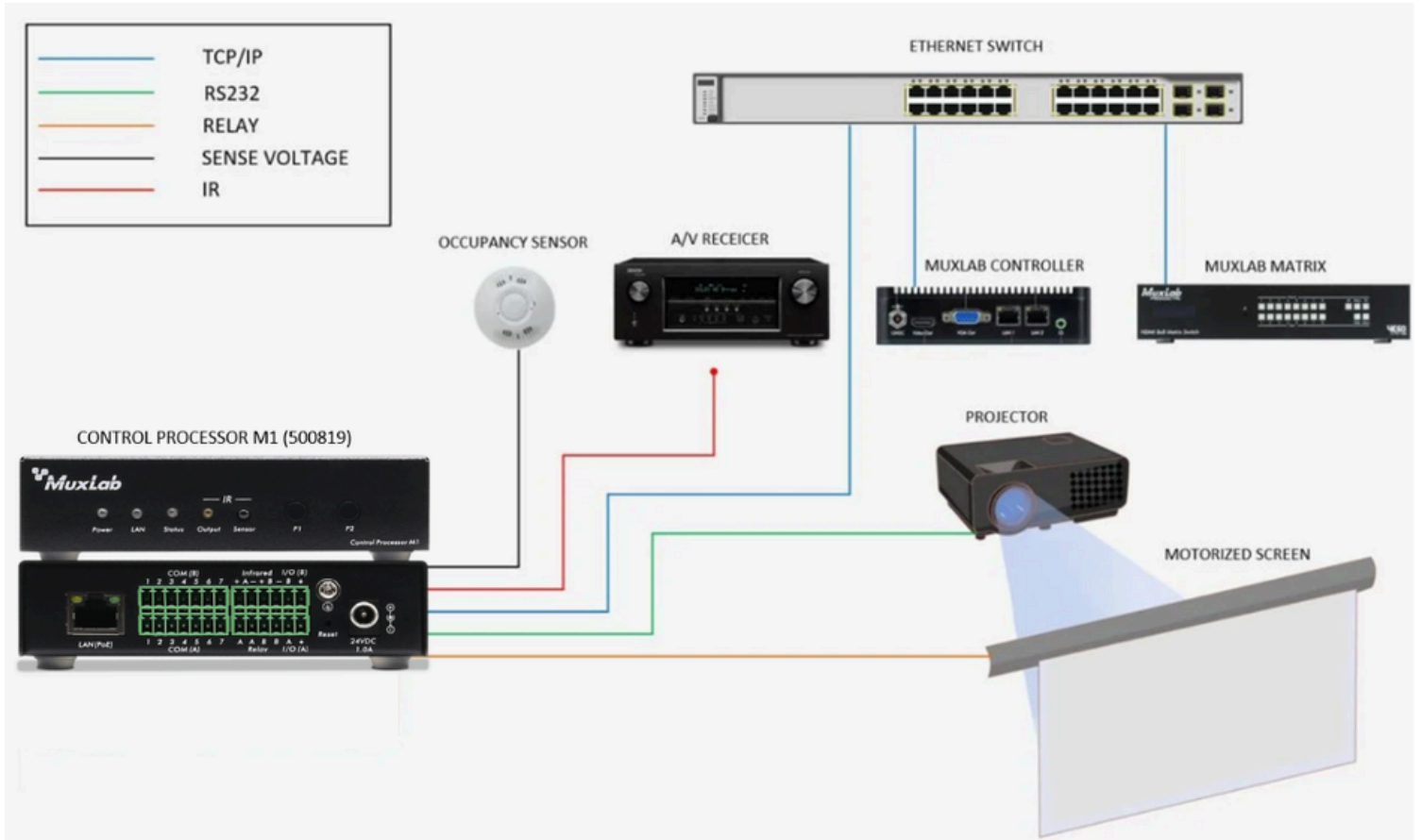
Key Features

- Control end devices via TCP/IP, HTTP, UDP, Telnet, RS232, RS485, IR & Relay
- Configurable via Web Interface
- Powered using power supply or PoE (Power over Ethernet)
- Supports one (1) Ethernet port, two (2) RS-232, RS422 or RS485 ports, two (2) Infrared port, two (2) voltage sense ports, and two (2) Relay ports

Specifications

Devices	AV over IP Controller, Matrix Switch, projectors, monitors, TV
Compatibility	Compatible with select MuxLab & third party products
Output Ports	One (1) Ethernet port for TCP/IP/HTTP/UDP Two (2) RS232, RS422 or RS485 configurable ports Two (2) Infrared Emitter port Two (2) Low voltage Relay ports
Input Ports	Two (2) Low level detection ports
Connectors	One (1) RJ45 for TCP/IP/HTTP, Telnet, UDP control, and for firmware upgrade Two (2) 7-pin terminal blocks (3.81 mm) for Serial (RS232, RS422 or RS485) Two (2) 2-pin terminal block (3.81 mm) for IR Two (2) 2-pin terminal blocks (3.81 mm) for Relay Two (2) 2-pin terminal blocks (3.81 mm) for Low level detection One (1) Barrel Jack for Power
Relay	Max Voltage 30VDC, Max Current 1A
Low Level Detection	Range supported: 0 ~ 6VDC
PoE	802.3af
Power Supply	One (1) 110-240VAC to 24VDC/1A power supply with US, UK & Euro Blade
Housing	Metal Enclosure
Color	Black
Dimensions (WxDxH)	116mm x 125mm x 30mm
Weight	454g
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20~90% RH (non-condensing)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500819 Control Processor M1 (UPC:627699008195)

Application Diagram



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