MLC Plus 84 D

MEDIALINK PLUS CONTROLLER WITH ETHERNET - DECORA WALLPLATE

▸ **Ethernet monitoring and control**

▸ **Configured with Global Configurator Plus or Global Configurator Professional**

▸ **Two bidirectional RS-232 ports**

▸ **Two relays for controlling room functions**

▸ **One IR Port for connecting up to two emitters**

▸ **Remote volume control port for Extron MPA Series and select XTRA™ Series amplifiers**

▸ **Volume control buttons with LEDs for visual feedback**

▸ **One Digital input**

▸ **Supports Ethernet-controllable devices**

▸ **Customizable backlit buttons**

▸ **Section 508 Compliant**

▸ **Power over Ethernet allows the controller to receive power and control over a single Ethernet cable, eliminating the need for a local power supply**

▸ **PoE injector or power supply sold separately**

The MLC Plus 84 D is an easy-to-use, two-gang Ethernet controller that controls common AV functions such as power, input switching, and volume. As part of the new MediaLink® Plus Series, the MLC Plus 84 D is designed with more powerful features and enhanced security. It supports Ethernet control of a wide range of AV devices and features a variety of ports and inputs, including a remote volume control port for use with select Extron amplifiers. The MLC Plus 84 D mounts in a two-gang junction box, and includes a white Decora®-style wallplate.

Extron Electronics
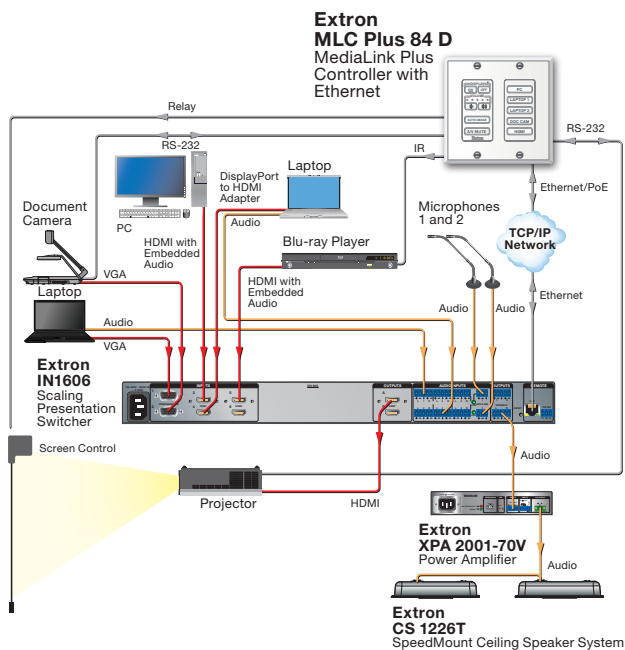INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The **MLC Plus 84 D** is an easy-to-use, two-gang Ethernet controller designed for use in single display AV systems. It features eleven backlit soft touch buttons, two bidirectional serial ports, an IR port, two relays, one digital input, and a remote volume control port. Power over Ethernet allows the controller to receive power and communications over a single Ethernet cable.

The MLC Plus 84 D is configured using Extron GC Plus or GC Pro software. It also integrates seamlessly with Extron's award-winning GlobalViewer® Enterprise software and Free GlobalViewer® Web application for complete AV resource monitoring, management, and control over a computer network.

KEY FEATURES

▸ Ethernet monitoring and control

▸ Two bidirectional RS-232 ports

▸ Two relays for controlling room functions

▸ Remote volume control port for Extron MPA Series and select XTRA™ Series amplifiers

▸ One Digital input

▸ Supports Ethernet-controllable devices

APPLICATION DIAGRAM

SPECIFICATIONS

MEMORY	
SDRAM	512 MB
Flash	512 MB
SOFTWARE AND CONTROL OPTIONS	
Software	Extron Global Configurator Plus or Professional for Windows®, IR Learner, ToolBelt, embedded web pages
Control options	MediaLink for iPad®, GlobalViewer® web pages
HOST PORT	
Quantity/type	1 front panel USB
ETHERNET CONTROL	
Connector	1 female RJ-45 connector
Data rate	10/100/1000Base-T, half/full duplex with autodetect
Protocols	ICMP (ping), IP (including IPv4), TCP, UDP, DHCP, DNS, HTTP, HTTPS, NTP, SFTP, SMTP, SNMP, SSH
SERIAL CONTROL	
Quantity/type	2 bidirectional RS-232
DIGITAL INPUT CONTROL	
Quantity/type	1 digital input
Digital input	
Input voltage range	0 to 24 VDC, clamped at +30 VDC
IR CONTROL	
Quantity/type	1 TTL level (0 to 5 V) infrared (carrier and non-carrier) up to 300 kHz
RELAY CONTROL	
Quantity/type	2 normally open relays
VOLUME CONTROL	
Quantity/type	1 volume control
Control voltage output range	0 to +10 VDC (±0.2 volts), adjustable
GENERAL	
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts Or power over Ethernet (PoE)
Power over Ethernet (PoE) input requirements	Complies with PoE 802.3af, class 3
Enclosure dimensions	
Faceplate	Fits the openings in a 2 gang Decora style wallplate.
Device	2.8" H* x 3.6" W x 1.6" D (7.1 cm H* x 9.1 cm W x 3.9 cm D) (Depth excludes buttons. Fits most 2 gang US boxes or mud rings. Allow at least 1.8" [4.6 cm] depth in the wall or furniture.) *Overall height is 4.1" (10.4 cm) including mounting tabs.
Warranty	3 years parts and labor

Model	Version Description	Part number
MLC Plus 84 D	White - Decora Wallplate	60-1194-02

Optional Accessories		
XTP PI 100	Single Port Power Injector	60-1233-01
PS 1210 C	12V, 1A, Captive Screw Connector	70-775-01

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.