

Specifications

MLC Plus 84 D

Memory

SDRAM.....	512 MB
Flash.....	512 MB

Software and control options

Software	Extron Global Configurator Plus and Professional for Windows®
Control options	GlobalViewer®, TouchLink® for Web, TouchLink for iPad®, MediaLink for iPad®

Host port

Quantity/type	1 front panel USB
Connectors.....	1 female USB mini-B
USB standards	USB 2.0, low speed

Ethernet control

Network interface controllers (NICs)	1
Connector.....	1 female RJ-45 connector
Data rate.....	10/100/1000Base-T, half/full duplex with autodetect
Protocols	DHCP, DNS, HTTP, HTTPS, ICMP, NTP, SFTP, SMTP, SNMP, SSH, TCP/IP, UDP/IP
Default settings	Link speed and duplex level = autodetected IP address = 192.168.254.250 Subnet mask = 255.255.255.0 Gateway = 0.0.0.0 DHCP = off DNS: 127.0.0.1

Serial control

Quantity/type	2 bidirectional RS-232
Connectors.....	(2) 3.5 mm captive screw connectors, 3 pole
Baud rate and protocol	300 to 115200 baud (9600 baud = default); 8 (default) or 7 data bits; 1 (default) or 2 stop bits; no parity (default), even, odd, mark, or space parity

NOTE: These ports support software flow control. The default is no flow control.

Pin configurations

Serial, 3-pole captive screw.....	Pin 1 = Tx, 2 = Rx, 3 = Gnd
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Digital input control

Quantity/type	1 digital input
Connectors.....	(1) 3.5 mm captive screw connector, 2 pole
Digital input	
Input voltage range.....	0 to 24 VDC, clamped at +30 VDC
Input impedance	29k ohms
Programmable pullup	1k ohms to +5 VDC
Threshold low to high	>2.8 VDC
Threshold high to low	<2.0 VDC
Pin configurations	1 = digital input, 2 = Gnd

IR control

Quantity/type	1 TTL level (0 to 5 V) infrared (carrier and non-carrier) up to 300 kHz
Connectors	(1) 3.5 mm captive screw connector, 2-pole
Pin configurations	Pin 1 = signal, 2 = Gnd
IR output carrier frequency.....	30 kHz to 300 kHz

Relay control

Quantity/type	2 normally open relays
Relay control connectors	(1) 3.5 mm captive screw connector, 3 pole
Relay control contact rating.....	24 VDC, 1 A

Volume control

Quantity/type	1 volume control
Connectors	(1) 3.5 mm captive screw connector, 5 pole
Pin configuration	Pin 1 = ≤10 VDC reference voltage input, pin 2 = 0 to +10 VDC control voltage output, pin 3 = Gnd
Control voltage output range.....	0 to +10 VDC (±0.2 volts), adjustable

General

Power supply	Not included
Power input requirements	12 VDC, 1 A, 12 watts, max. Or power over Ethernet (PoE) (complies with PoE 802.3af, class 3)
Power consumption.....	TBD
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, no vents
Thermal dissipation.....	TBD
Mounting	
Rack mount.....	No
Furniture or wall mount.....	Yes
Enclosure type	Plastic faceplate and high-impact plastic rear enclosure
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.
Product weight	0.5 lbs (0.2 kg)
Shipping weight	TBD lbs (TBD kg)
Vibration	ISTA 1A in carton (International Safe Transit Association)
Regulatory compliance	
Safety.....	CE, c-UL, UL
EMI/EMC.....	CE, C-tick, FCC Class A, ICES, VCCI
Environmental.....	Complies with the appropriate requirements of RoHS, WEEE
Accessibility.....	Complies with the appropriate requirements of Section 508 of the Rehabilitation Act (29 U.S.C. 794d).
Warranty	3 years parts and labor

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