MLC 62 Series

MediaLink® Controllers
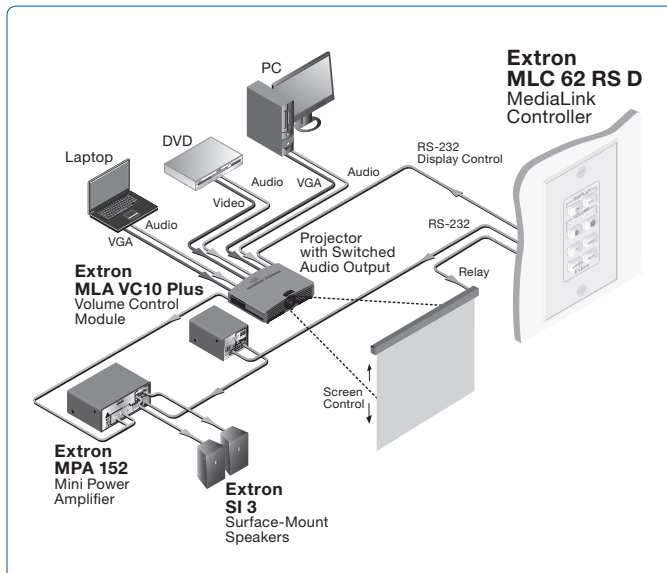

MLC 62 RS D Front View

MLC 62 RS D Rear View

DESCRIPTION

The **MLC 62** MediaLink® Controllers are easy-to-use keypad controllers for classrooms and meeting facilities. The compact control panels offer backlit soft touch buttons for a contemporary look and feel. MLC 62 Series controllers provide control capabilities for common AV functions including display power, input switching, and volume control. All models in this series include an IR port for universal display control. MLC 62 RS models also include unidirectional RS-232 for display control and a digital input and two relays for monitoring and controlling other systems in the room. The MLC 62 Series controllers are easy to set up using configuration software and the Mini-USB port or IR learning. The configuration software supports the extensive library of Extron certified, IR and RS-232 drivers.

SERIES FEATURES

- Universal display control
- Visual and audible feedback
- Volume adjustment buttons
- Macro and Toggle modes for each button
- Inactivity timer for display shutoff
- Front panel security lockout
- Mini-USB configuration port
- Easily configured using thousands of Extron certified, ready-to-use device drivers
- Pre-printed buttons included
- Optional button kits available for custom labeling
- Flexible mounting options
- Energy-efficient external universal power supply included, replacement part # 70-775-01

SPECIFICATIONS	
CONTROL - HOST PORTS	
Serial control port	1 bidirectional RS-232 on a 3.5 mm captive screw connector, 3 pole
Baud rate and protocol	9600 baud, 8 data bits, 1 stop bit, no parity
USB control ports	
Decora® models	1 front panel female mini USB B
MK and EU models	1 side panel female mini USB B
USB standards	USB 2.0, low speed
IR learning frequencies	30 kHz to 60 kHz
IR learning distance	4" (10 cm) to 14" (36 cm) from the receiver (on front panel for Decora models, side panel for MK and EU models)
Program control	Extron configuration program for Windows® Extron Simple Instruction Set (SIS™)
CONTROL - SERIAL PORT (RS MODELS)	
Display control port	(1) 3.5 mm captive screw connector, 2 pole for unidirectional RS-232 control (±5 V)
Baud rate and protocol (RS-232)	9600 (default), 19200, 38400, 57600, 115,200 baud; 8 (default) or 7 data bits; 1 stop bit; no parity (default), or even or odd parity
CONTROL - IR PORT (IR MODELS) OR IR/SERIAL PORT (RS MODELS)	
IR control port	(1) 3.5 mm captive screw connector, 2 pole for IR or IR/Serial* (transmit only) TTL level (0 to 5 V) modulated infrared control (all models) from 30 kHz up to 60 kHz, or ±5 V RS-232 control (RS models, transmit only) *For RS models, IR/serial ports are configurable via software, serial communication is the default.
Baud rate and protocol	For RS models: 9600 (default), 19200, 38400, 57600, 115,200 baud; 8 (default) or 7 data bits; 1 stop bit; no parity (default), or even or odd parity
CONTROL - RELAY (RS MODELS)	
Number/type	2 momentary or latching (configurable via software)
Contact rating	24 V, 1 A
CONTROL - DIGITAL INPUT MONITORING PORT (RS MODELS)	
Number/type	1 digital input (configurable)
GENERAL	
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts
Power input requirements	12 VDC, 0.4 A, max.
Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 ºC) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 ºC) / 10% to 90%, noncondensing
Enclosure dimensions	
MLC 62 IR D, MLC 62 RS D Faceplate	2.6" H* x 1.3" W x 0.2" D (6.6 cm H* x 3.3 cm W x 0.4 cm D) (Fits the opening in a 1 gang Decora® faceplate. *Height is 2.8" [7.0 cm] and width is 1.5" [3.8 cm] including outer shoulders.)
MLC 62 RS EU Faceplate	2.2" H x 2.2" W x 0.3" D (1-gang EU, fits the a Jung AS 500 wallplate) (5.5 cm H x 5.5 cm W x 0.7 cm D)
MLC 62 RS MK Faceplate	2.2" H x 2.2" W x 0.3" D (5.5 cm H x 5.5 cm W x 0.7 cm D)
Wall frame	3.4" H x 3.4" W x 0.4" D 8.6 cm H x 8.6 cm W x 1.1 cm D
Shipping weight	3 lbs (2 kg)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI Class A

For complete specifications, please go to www.extron.com

Extron MLC 62 RS D MediaLink Controller

PC
DVD
Laptop
Audio VGA
Audio
Video
VGA Audio
VGA
RS-232 Display Control
RS-232
Projector with Switched Audio Output
Relay
Screen Control

Extron MLA VC10 Plus Volume Control Module

Extron MPA 152 Mini Power Amplifier

Extron SI 3 Surface-Mount Speakers

MLC 62 IR D   MediaLink® Controller with IR Control - Decora® Wallplate

UNIQUE FEATURES

- IR port for universal display control
- Six customizable backlit buttons
- Mounts in an included Decora-style wallplate
- Black and white faceplates included
- Optional six and eight button bezel kits available, see page 48

MODEL	VERSION DESCRIPTION	PART #
MLC 62 IR D	IR Control - Decora wallplate	60-1006-02

MLC 62 RS D   MediaLink® Controller with RS-232 Control - Decora® Wallplate

UNIQUE FEATURES

- Unidirectional RS-232 and configurable IR/serial ports for universal display control
- Two relays
- Digital input
- Eight customizable backlit buttons
- Mounts in an included Decora-style wallplate
- Black and white faceplates included
- Optional six and eight button bezel kits available, see page 48

MODEL	VERSION DESCRIPTION	PART #
MLC 62 RS D	IR and RS-232 Control - Decora wallplate	60-1005-02

MLC 62 RS EU   MediaLink® Controller - EU Wall Frame for European Junction Boxes

UNIQUE FEATURES

- Unidirectional RS-232 and configurable IR ports for universal display control
- Two relays
- Digital input
- Eight customizable backlit buttons
- Mounts in a single size European junction box with 60 mm mounting centers
- Available in RAL9010 White
- Includes six and eight button bezels, adapter plate, and one matching cover AS500 Jung frame

MODEL	VERSION DESCRIPTION	PART #
MLC 62 RS EU	IR and RS-232 Control - EU	60-1005-35

MLC 62 RS MK   MediaLink® Controller - MK Wall Frame for United Kingdom Junction Boxes

UNIQUE FEATURES

- Unidirectional RS-232 and configurable IR ports for universal display control
- Two relays
- Digital input
- Eight customizable backlit buttons
- Mounts in a 35 mm deep single size MK junction box
- Available in white
- Includes six and eight button bezels, adapter plate, and one matching cover frame

MODEL	VERSION DESCRIPTION	PART #
MLC 62 RS MK	IR and RS-232 Control - MK	60-1005-23