

MLC 55 RS

MEDIALINK CONTROLLER WITH RS-232 AND IR DISPLAY CONTROL



The Extron MLC 55 RS MediaLink® Controller is an economical, easy-to-use keypad controller for common AV functions such as power, input selection, and volume in single display applications. It features a sleek, new look with beveled edges, rounded corners, and redesigned backlit buttons. The faceplate hides the mounting screws and configuration port giving the controller a refined, uncluttered appearance. The MLC 55 RS is ideal for any application requiring a full-featured MediaLink controller with unidirectional RS-232 and IR display control.

- ▶ Unidirectional RS-232 and IR port for universal display control
- ▶ Discrete ON and OFF display power controls
- ▶ Configurable buttons
- ▶ Dual color, backlit buttons can be labeled for easy identification
- ▶ Removable button caps
- ▶ IR learning capability
- ▶ Thousands of Extron certified, ready-to-use device drivers are available
- ▶ Pluggable captive screw connectors
- ▶ Easily accessible, front mount configuration
- ▶ Includes a white, one-gang faceplate
- ▶ Highly-reliable, energy-efficient external universal power supply included
- ▶ Section 508 Compliant



DESCRIPTION

The **MLC 55 RS** acts as an extended remote control panel, providing user-friendly control for a display's power, input selection, and volume. No matter what brand of display is installed in each presentation venue, the MLC 55 RS always provides a consistent control method from room to room. Presenters with little or no training can walk into any room equipped with the MLC 55 RS and operate the AV system with minimal effort.

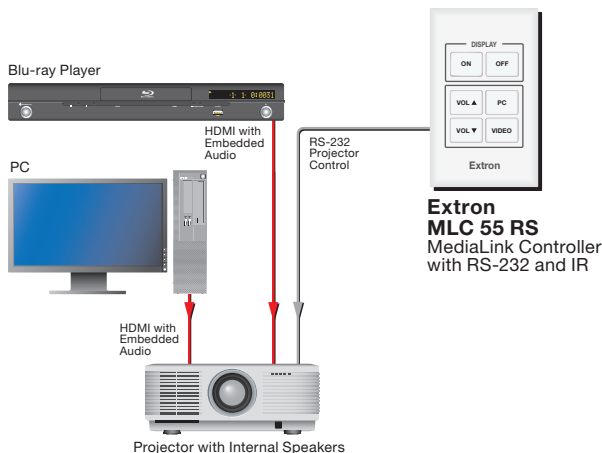
Extron's easy-to-use MLC 55, 62, 64 Series configuration software provides fast and simple setup via USB when combined with one of many ready-to-use RS-232 or IR device drivers available on the Extron Web site. The configuration program and MLC 55 RS also support IR Learning for creating new IR drivers from the handheld remote of a source or display device.

The MLC 55 RS can be mounted in a standard, one-gang junction box, included mud ring, SMB 101 Surface Mount Box, or EWB 101 External Wall Box allowing the controller to be installed virtually anywhere, including walls, lecterns, or tables.

KEY FEATURES

- ▶ Unidirectional RS-232 and IR port for universal display control
- ▶ Discrete ON and OFF display power controls
- ▶ Configurable buttons
- ▶ Dual color, backlit buttons can be labeled for easy identification
- ▶ Removable button caps
- ▶ IR learning capability
- ▶ Thousands of Extron certified, ready-to-use device drivers are available

APPLICATION DIAGRAM



SPECIFICATIONS

COMMUNICATION – HOST PORT		
USB host port	USB mini B, front panel behind faceplate	
USB standards	USB 2.0, low speed	
IR learning frequencies	30 kHz to 300 kHz	
IR learning distance	4" (10 cm) to 14" (36 cm) from the receiver	
Program control	Extron MLC 55, 62 and 64 Series Configuration Program for Windows® Extron Simple Instruction Set (SIS™)	
COMMUNICATION – SERIAL PORT		
Serial control port	(1) 3.5 mm captive screw connector, 2 pole, ground pin shared with IR port, for unidirectional RS-232 control (±5 V)	
COMMUNICATION – IR PORT		
IR control port	(1) 3.5 mm captive screw connector, 2 pole, ground pin shared with serial port (transmit only) TTL level (0 to 5 V) modulated infrared control from 30 kHz up to 300 kHz	
GENERAL		
Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A, 12 watts	
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	
Mounting	Wall or furniture mount Mount in a standard 1 gang US electrical junction box or with included mud ring.	
Enclosure type	Plastic	
Enclosure dimensions	Faceplate 4.50" H x 2.75" W x 0.30" D (11.43 cm H x 7.00 cm W x 0.77 cm D) Device 2.81" H x 1.76" W x 1.41" D (7.14 cm H x 4.47 cm W x 3.58 cm D) Fits inside a standard US 1 gang junction box. (Depth includes connectors. Allow enough depth in the junction box for device plus cable clearance.)	
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 Class A Accessibility Section 508 of the Rehabilitation Act (29 U.S.C. 794d)	
Warranty	3 years parts and labor	
NOTE: All nominal levels are at ±10%.		
Model	Version Description	Part number
MLC 55 RS	RS-232 and IR Control	60-1390-03
Optional Accessories		
MLM 55	Mounting Kit for the MLC 55 RS - Black	70-1094-02

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

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