

# MLC 55 RS VC

MEDIALINK CONTROLLER WITH  
RS-232, IR, AND VOLUME CONTROL



The Extron MLC 55 RS VC 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. A newly-designed, larger volume knob provides smooth, precise volume control for Extron MPA Series and select XTRA™ Series amplifiers.

- ▶ Unidirectional RS-232 and IR port for universal display control
- ▶ Discrete ON and OFF display power controls
- ▶ Remote volume control port for Extron MPA Series and select XTRA™ Series amplifiers
- ▶ Newly-designed, larger volume knob with precise, smooth control
- ▶ 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 white, two-gang faceplate
- ▶ Highly-reliable, energy-efficient external universal power supply included
- ▶ Section 508 Compliant



**Extron Electronics**  
INTERFACING, SWITCHING AND CONTROL

## DESCRIPTION

The **MLC 55 RS VC** 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 VC 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 VC and operate the AV system with minimal effort.

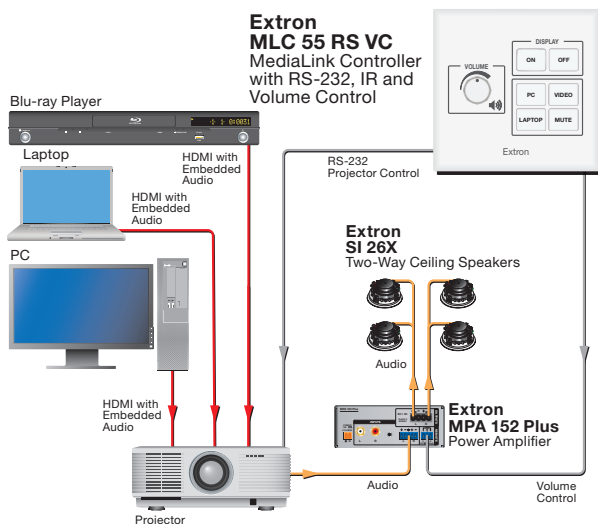
Extron's easy-to-use MLC 55,62,64 Series configuration software provides fast and simple setup via USB when combined with one of many ready-to-use RS-232 or IR device drivers available on the Extron Web site. The configuration program and MLC 55 RS VC also support IR Learning for creating new IR drivers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

The MLC 55 RS VC can be mounted in a standard, two-gang junction box, included mud ring, SMB 102, or EWB 102 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
- ▶ Remote volume control port for Extron MPA Series and select XTRA™ Series amplifiers
- ▶ Newly-designed, larger volume knob with precise, smooth control
- ▶ Configurable buttons

## APPLICATION DIAGRAM



## SPECIFICATIONS

COMMUNICATION – HOST PORT		
USB host port	USB mini B, front panel behind faceplate	
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	
COMMUNICATION – PERIPHERAL AUDIO EQUIPMENT		
Volume control	0 to 10 VDC variable voltage, positive logic (the higher the voltage, the higher the volume)	
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 2 gang US electrical junction box or with included mud ring.	
Enclosure type	Plastic	
Enclosure dimensions	Faceplate 4.50" H x 4.60" W x 0.30" D (11.43 cm H x 11.68 cm W x 0.77 cm D) Device 2.81" H x 3.25" W x 1.41" D (7.14 cm H x 8.25 cm W x 3.58 cm D) Fits inside a US standard 2-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 <b>NOTE:</b> All nominal levels are at ±10%.	
<b>Model</b>	<b>Version Description</b>	<b>Part number</b>
MLC 55 RS VC	RS-232, IR, and Volume Control	60-1391-03
<b>Optional Accessories</b>		
MLM 55 VC	Mounting Kit for the MLC 55 RS VC - Black	70-1095-02

For complete specifications, please go to [www.extron.com](http://www.extron.com)  
Specifications are subject to change without notice.

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