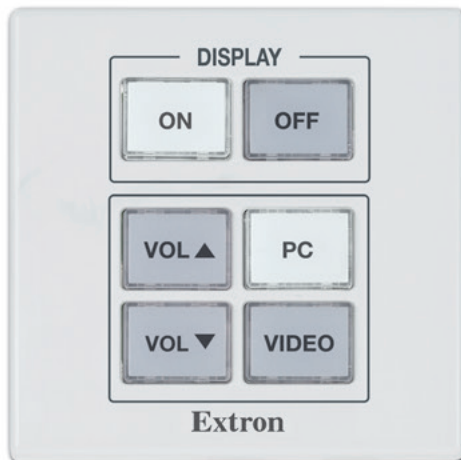


MLC 55 RS MK

MEDIALINK CONTROLLER WITH
RS-232 AND IR DISPLAY CONTROL
- MK WALLPLATE



The Extron MLC 55 RS MK 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 redesigned backlit buttons and a faceplate that hides the mounting screws and configuration port giving the controller a refined, uncluttered appearance. The MLC 55 RS MK is specifically designed for mounting in a one-gang MK junction box.

- ▶ Designed to mount in an MK junction box for UK, Singapore, Hong Kong, and other markets that use MK-type junction boxes
- ▶ 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 white, faceplate
- ▶ Highly-reliable, energy-efficient external universal power supply included



Extron Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

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

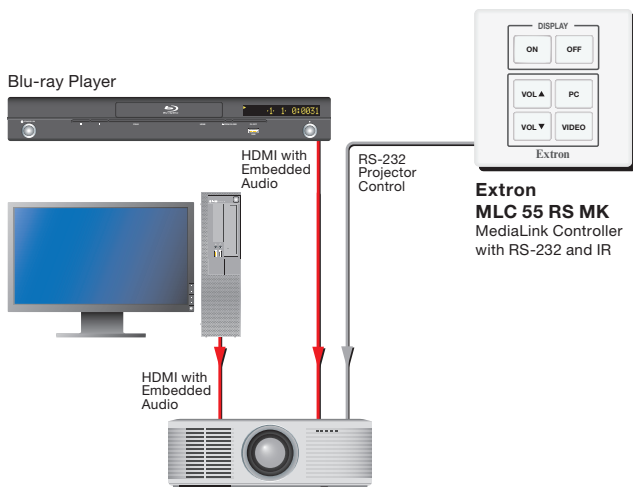
Extron's easy-to-use MLC 55,62,64 Series configuration software provides fast and simple setup via USB when combined with one of many ready-to-use RS-232 or IR device drivers available on the Extron Web site. The configuration program and MLC 55 RS MK also support IR Learning for creating new IR drivers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

The MLC 55 RS MK is designed for mounting in a one-gang MK junction box for the UK, Singapore, Hong Kong, and other markets that use this junction box.

KEY FEATURES

- ▶ Designed to mount in an MK junction box for UK, Singapore, Hong Kong, and other markets that use MK-type junction boxes
- ▶ 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
- ▶ IR learning capability

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)
Baud rate and protocol (RS-232)	9600 (default), 19200, 38400, 57600, or 115,200 baud; 8 (default) or 7 data bits; 1 stop bit; no parity (default), or even or odd parity
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
Cooling	Convection, no vents
Mounting	Wall or furniture mount Mount to a standard 1 gang MK electric type British standard wall box or junction box.
Mounting centers	60 mm horizontal
Enclosure type	Plastic
Enclosure dimensions	Faceplate: 3.39" H x 3.39" W x 0.44" D (8.60 cm H x 8.60 cm W x 1.11 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 the opening in a standard 1-gang MK 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 EMV/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
MLC 55 RS MK	RS-232 and IR Control – MK
Part number	
60-1390-23	

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

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