

MLS 100 A

FOUR INPUT STEREO AUDIO SWITCHER

- ▶ Four switchable inputs on captive screw connectors
- ▶ Additional input accepts balanced/unbalanced mono line level audio signals for mixing with any of the four switchable inputs
- ▶ Audio input gain and attenuation
- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Rack-mountable, 1U, quarter rack width metal enclosure
- ▶ Energy-efficient external universal power supply included



The Extron MLS 100 A is a compact, four-input stereo audio switcher that supports balanced/unbalanced audio signals. For ease of integration, the switcher provides a wide range of audio adjustments and control options. The MLS 100 A is ideal for installation in podiums or other space-constrained locations.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

The Extron **MLS 100 A** Switcher is a compact, four-input stereo audio switcher utilizing captive screw connectors. Inputs one through four provide unbalanced audio while an additional input is an active auxiliary line level mono audio input that can be mixed with any of the other four selectable inputs. When used with a TouchLink™ Control System or MediaLink® Controller, input selection and volume control are easily achieved using RS-232 or the controller's user interface. Input selection can also be controlled using the switcher's front panel buttons.

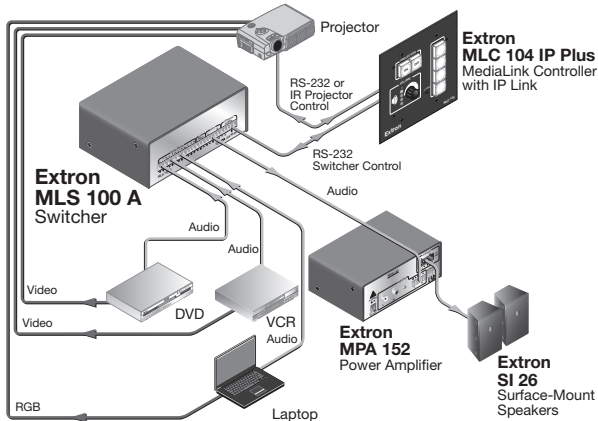
The CSR 6 Captive Screw to RCA Audio Adapter is available as an optional output adaptor, converting the captive screw output of the MLS 100 A to a pair of female RCA connectors.

Housed in a quarter rack width metal enclosure, it is ideal for installation in podiums and other small space areas. Because of its small size, the MLS 100 A can also be mounted or placed on a shelf along with a video recorder and DVD player.

FEATURES

- ▶ Additional input accepts balanced/unbalanced mono line level audio signals for mixing with any of the four switchable inputs
- ▶ Audio input gain and attenuation
- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Rack-mountable, 1U, quarter rack width metal enclosure
- ▶ Energy-efficient external universal power supply included

APPLICATION DIAGRAM



SPECIFICATIONS

| AUDIO | | |
|----------------------------------|--|-------------|
| Gain | Unbalanced output: -6 dB; balanced output: 0 dB (unity) | |
| Frequency response | 20 Hz to 20 kHz, ±0.5 dB | |
| THD + Noise | 90 dB @ 20 Hz to 20 kHz | |
| AUDIO INPUT | | |
| Number/signal type | 4 stereo/mono, unbalanced (switchable) 1 mono, balanced/unbalanced aux-mix (always active, non-switchable) | |
| Connectors | (5) 3.5 mm captive screw connectors, 3 pole | |
| Impedance | >10k ohms unbalanced, >20k ohms balanced, DC coupled | |
| Maximum level | +14 dBu, (balanced or unbalanced) at stated %THD+N | |
| Input gain adjustment | 18 dB to +24 dB, adjustable per input (via RS-232/control software) | |
| Aux/Mix level adjustment | -43 dB to +24 dB (adjustable only via front panel) | |
| AUDIO OUTPUT | | |
| Number/signal type | 1 stereo or mono, balanced/unbalanced | |
| Connectors | (1) 3.5 mm captive screw connector, 5 pole | |
| Impedance | 50 ohms unbalanced, 100 ohms balanced | |
| Maximum level (Hi-Z) | >+21 dBu, balanced or unbalanced at 1% THD+N | |
| Maximum level (600 ohm) | >+15 dBm, balanced or unbalanced at 1% THD+N | |
| CONTROL/REMOTE – SWITCHER | | |
| Serial control port | RS-232, 3.5 mm, 5 pole captive screw connector | |
| GENERAL | | |
| Power | Supplied by an optional MediaLink Controller (MLC) or an external power supply | |
| External power supply (included) | 100 VAC to 240 VAC, 50-60 Hz, external; to 12 VDC, 1 A max., regulated | |
| Power input requirements | 12 VDC, 0.4 A | |
| Mounting | | |
| Rack mount | Yes, with optional 1U rack shelf | |
| Furniture mount | Yes, with optional mini under-desk mounting kit | |
| Pole mount | Yes, with optional mini pole mounting kit | |
| Enclosure type | Metal | |
| Enclosure dimensions | 1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.2 cm H x 11.0 cm W x 7.6 cm D) (Depth excludes connectors and buttons.) | |
| Product weight | 0.7 lbs (0.3 kg) | |
| Shipping weight | 3 lbs (2 kg) | |
| Model | Version Description | Part number |
| MLS 100 A | Four Input Audio | 60-497-01 |

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

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