

MLS 506 Series

SIX INPUT SWITCHERS WITH AUDIO

- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Audio input gain and attenuation
- ▶ Fixed and variable preamp line level audio outputs
- ▶ Available with integrated stereo or mono 70 volt power amplifier
- ▶ Auxiliary/mix input
- ▶ Loudness control
- ▶ Volume, bass, and treble adjustments
- ▶ Triple-Action Switching™ for RGB delay
- ▶ Front panel security lockout
- ▶ Rack-mountable, 1U, full rack width metal enclosure
- ▶ Internal universal power supply



The Extron MLS 506 Series are simple-to-use, six input, multi-format switchers that provide computer-video, component video, S-video, and composite video switching, plus stereo audio input switching. Each switcher includes a line level input and a fixed and variable preamp output, with select models offering additional audio amplification. For enhanced operation, ease of room control, and simplified system integration, MLS 506 switchers can be operated via a TouchLink™ Control System or MediaLink® Controller.



Extron® Electronics
INTERFACING, SWITCHING AND CONTROL

DESCRIPTION

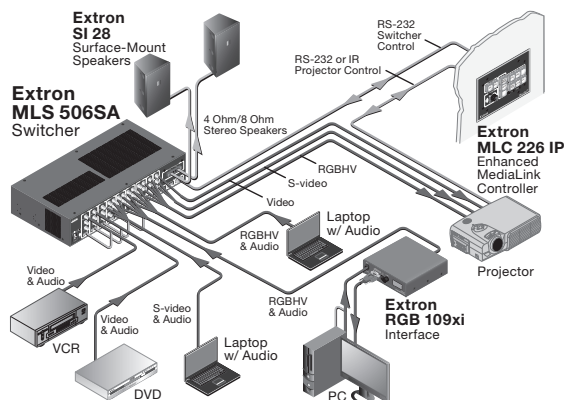
The **MLS 506 Series** switchers provide three computer-video inputs and three additional inputs that are configurable to accept component video, S-video, or composite video signals. All inputs allow audio follow, and a line level mono audio auxiliary/mix input is available for consumer and professional audio sources such as a wireless microphone receiver to support mixing the selected input to all switcher audio outputs. The MLS 506SA and MLS 506MA switchers feature an effects, loop in/out function for external audio signal processing. All models provide audio input gain and attenuation for each input plus loudness control and master volume control through the front panel or via RS-232.

Audio outputs include two preamp balanced or unbalanced audio outputs, one fixed and one variable, which can be configured for mono or stereo output via RS-232. The MLS 506SA provides an integrated audio amplifier with 50 watts, 2 x 25 watts rms, into 4 ohm or 8 ohm speakers. The MLS 506MA features a 30-watt, rms, integrated mono amplifier for 4 or 8 ohm speakers, or a 70 volt distributed audio system. Like the line level outputs, the integrated audio amplifiers can be configured via RS-232 for stereo or dual mono output.

FEATURES

- ▶ Controllable via TouchLink™ Control System, MediaLink® Controller, front panel buttons, or RS-232
- ▶ Fixed and variable preamp line level audio outputs
- ▶ Available with integrated stereo or mono 70 volt power amplifier
- ▶ Triple-Action Switching™ for RGB delay
- ▶ 9-pin contact closure for remote control
- ▶ Front panel security lockout

APPLICATION DIAGRAM



SPECIFICATIONS

VIDEO		
Bandwidth	350 MHz (-3 dB), fully loaded	
VIDEO INPUT		
Number/signal type	3 RGBHV, RGBS, RGsB, or RsGsBs 3 component video, S-video, or composite video	
VIDEO OUTPUT		
Number/signal type	1 RGBHV, RGBS, RGsB, or RsGsBs 1 component video 1 S-video 1 composite video	
SYNC		
Input/output type	RGBHV, RGBS, RGsB, RsGsBs (output follows input)	
Standards	NTSC 3.58, NTSC 4.43, PAL, SECAM	
AUDIO INPUT		
Number/signal type		
MLS 506	6 stereo, balanced/unbalanced	
MLS 506MA/SA	7 stereo, balanced/unbalanced	
AUDIO — EFFECTS RETURN (MLS 506MA AND MLS 506SA)		
Number/signal type	1 stereo, unbalanced	
Connectors	(1) 3.5 mm captive screw connector, 3 pole	
AUDIO — EFFECTS SEND (MLS 506MA AND MLS 506SA)		
Number/signal type	1 stereo, unbalanced	
Connectors	(1) 3.5 mm captive screw connector, 3 pole	
AUDIO OUTPUT — LINE LEVEL (ALL MODELS)		
Number/signal type	2 stereo/mono (selectable), balanced/unbalanced (1 fixed, 1 variable)	
Connectors	(2) 3.5 mm captive screw connectors, 5 pole	
AUDIO OUTPUT — Power amp (MLS 506MA and MLS 506SA)		
Drive/power (full power out)	At less than 0.5% THD at 1 kHz:	
MLS 506MA (70V, mono)	30 watts (rms); 4 ohm, 8 ohm, or 70 V output taps with common/ground, transformer coupled	
MLS 506SA (stereo)	50 watts; 25 watts (rms) per channel, 4 ohm or 8 ohm load	
CONTROL/REMOTE — SWITCHER		
Serial control port	1 RS-232, female 9-pin D connector (shared with contact closure port) (1) 3.5 mm captive screw connector, 5 pole (for control via MLC 206; shared with IR control port)	
GENERAL		
Power	100 VAC to 240 VAC, 50-60 Hz, internal	
Enclosure dimensions	3.5" H x 17.5" W x 9.4" D (2U high, full rack wide) 8.9 cm H x 44.4 cm W x 23.9 cm D (Depth excludes connectors and knobs. Width excludes rack ears.)	
Model	Version Description	Part number
MLS 506	Variable Preamp Audio Output	60-386-02
MLS 506MA	70V Mono Audio Amplifier	60-386-03
MLS 506SA	Stereo Audio Amplifier	60-386-04

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

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