

MVC 121 Plus

Three Input Stereo Mixer with DSP

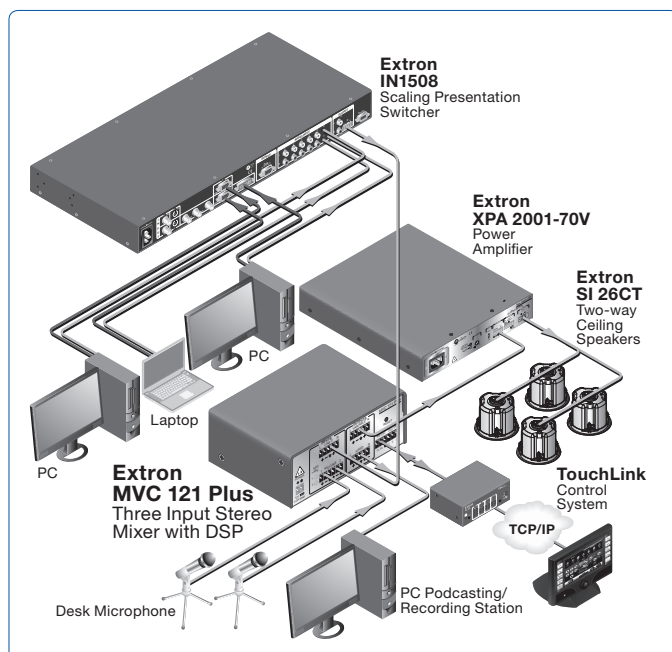


DESCRIPTION

The Extron **MVC 121 Plus** is a compact, three input stereo audio mixer featuring a digital signal processing platform for audio signal mixing and control. The MVC 121 Plus features a stereo line level input and two mic/line level inputs with 48 volt phantom power for condenser microphones, plus fixed and variable stereo line level outputs. It offers gain, filter, tone processing, and parametric EQ with quick and intuitive configuration using the DSP Configurator™ Software, allowing the MVC 121 Plus to be installed in very little time. The MVC 121 Plus is ideal for presentation applications that require line and microphone audio mixing with DSP in a small form factor.

FEATURES

- Mixes two microphone inputs and one stereo line input to two stereo outputs
- DSP audio signal processing
- 24-bit/48 kHz analog-to-digital and digital-to-analog converters
- Fixed, low latency DSP processing
- DSP Configurator™ Software
- Intuitive Graphical User Environment
- Fixed and variable stereo line level outputs
- Front panel mix level adjustments for each input
- Multi-function LED level indicator
- Three digital input ports for remote mute triggering



SPECIFICATIONS

AUDIO

Frequency response	20 Hz to 20 kHz, ± 0.3 dB
THD + Noise	<0.02% @ 1 kHz, at maximum output level
S/N	>100 dB, 20 Hz to 20 kHz, at maximum output, unweighted

AUDIO INPUT

Number/signal type	
Microphone inputs	2 mono, mic/line, balanced/unbalanced
Line input	1 stereo, line, balanced/unbalanced
Connectors	
Microphone inputs	(1) 3.5 mm captive screw connector, 6 pole
Line input	(1) 3.5 mm captive screw connector, 5 pole
Nominal level	+4 dBu when level is set to 0 dB gain; adjustable from -60 dBu to +4 dBu (line input)

Volume range	
Mic noise level	<-120 dBV (1 μ Vrms) at 40 dB gain
Mic phantom power	+48 VDC, which can be switched on or off

AUDIO PROCESSING

D/A conversion	24 bit, 48 kHz sampling
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AUDIO OUTPUT

Number/signal type	2 stereo, line, balanced/unbalanced
Connectors	(2) 3.5 mm captive screw connector, 5 pole

CONTROL/REMOTE - MIXER/VOLUME CONTROLLER

Serial control port	1 bidirectional RS-232: 3.5 mm captive screw connector, 6 pole (uses 3 poles) (shared with digital input)
USB control port	1 front panel female mini USB B
USB standards	USB 2.0, low speed

CONTROL - DIGITAL INPUT PORTS

Number/type	3 digital input (configurable)
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GENERAL

Power	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1 A
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	
Rack mount	Yes, with optional 1U rack shelf
Furniture mount	Yes, with optional mini under-desk mounting kit
Pole mount	Yes, with mini pole mount kit
Enclosure type	Metal
Enclosure dimensions	1.7" H x 4.3" W x 3.0" D (1U high, quarter rack wide) (4.3 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors and knobs.)
Product weight	0.6 lbs (0.3 kg)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE, C-tick, FCC Class A, ICES, VCCI

For complete specifications, please go to www.extron.com

MODEL

MVC 121 Plus

VERSION DESCRIPTION

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PART

60-1096-01