

# MIC/Line Mixers

## Models CAM8 and CAM8PRO



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### Description

The Bogen CAM8 and CAM8PRO are 8-input, dual-bus MIC/Line mixers that combine superb performance with a generous array of simple-to-use features in a single-rack space design. Both models feature 8 independently assignable inputs switchable between MIC and Line. Each input has a trim control, a switchable low-cut filter, and a Main/Auxiliary bus output selector. An additional Auxiliary input can be routed to the Main output, Aux output, or both by setting internal jumpers. Phantom Power is provided for condenser microphones.

The CAM8PRO also features a built-in Compressor/Limiter with adjustable Threshold and Ratio Controls. A Bar Graph Output Meter indicates input signal levels. The CAM8PRO also includes a headphone output. Solidly engineered, the Bogen CAM8 and CAM8PRO mixers will provide many years of trouble-free operation.

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### CAM8 & CAM8PRO Features

- 8 independently assignable inputs
- Dual-bus design with Main/Aux output selector for each input
- Pluggable terminal strip connections
- Separate Auxiliary input
- Balanced inputs and outputs
- Direct bus connection for cascading multiple mixers
- MIC/Line switch for each input and Main output
- Gain/Trim Control for each input
- Low-Cut Filter for each input
- Switchable Phantom Power for condenser MIC inputs
- Input Level Control knob for each input
- Output Level Control knob for Main and Aux outputs
- Sealed potentiometers for low noise, long life
- Heavy-duty construction
- External power supply
- Single-rack space

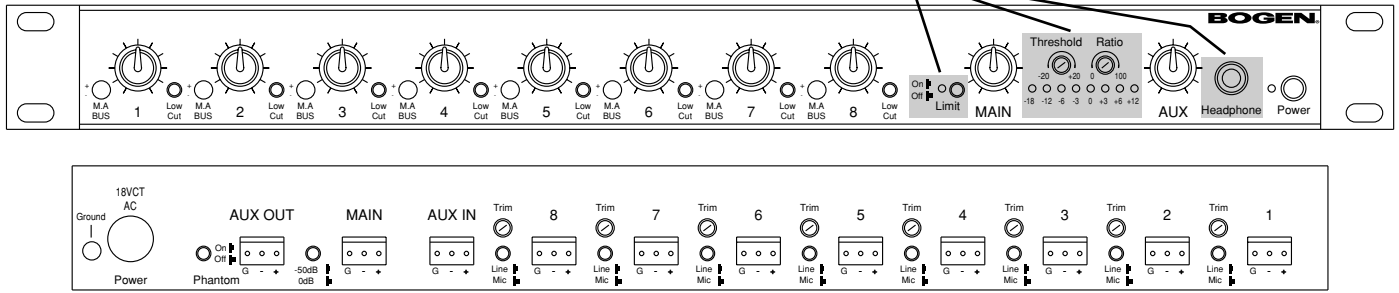
### CAM8PRO Added Features

- Compressor/Limiter (Main output)
- Compressor/Limiter Bypass switch
- Adjustable Threshold and Ratio Controls
- LED Bar Graph Output Meter (Peak or Average)
- Headphone Output

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Available on CAM8PRO only



## Technical Specifications

<b>Signal-to-Noise</b>	Ref +26dBu @ 54dB sys gain = 90dB	<b>AUXILIARY INPUT</b>	
<b>Mic Pre-amp EIN</b>	-129dB @ 150-ohms, 20Hz to 20kHz	<b>Input Impedance</b>	20k-ohm balanced
<b>Max. Voltage Gain</b>	96dB	<b>Nominal Input Level</b>	0 dBm
<b>Frequency Response</b>	±1dB from 20Hz to 20kHz	<b>OUTPUTS</b>	
<b>Crosstalk (adjac. ch.)</b>	better than -90dB	<b>Output Impedance</b>	220-ohm unbalanced, 440-ohm balanced
<b>Phantom Power</b>	+15V DC	<b>Nom. Load Impedance</b>	≥600 ohms
<b>INPUTS 1-8</b>		<b>Nominal Level</b>	+4dBu RMS
<b>Input Impedance</b>	3.5k-ohm MIC 15k-ohm Line	<b>Maximum Level</b>	+26dBu RMS Balanced
<b>Nom. Source Impedance</b>	150 ohms	<b>Main Output Mic Pad</b>	-50dB
<b>Line Pad</b>	-50dB	<b>AUXILIARY CIRCUITS</b>	
<b>Input Gain/Trim Range</b>	40dB	<b>LED Bar Graph</b>	-18, -12, -6, -3, 0, +3, +6, +12VU (0VU = +4dB)
<b>Nominal Input Level</b>	-50dBu line pad off 0dBu line pad on	<b>Limiting/Compressor:</b>	
<b>Minimum Input Level</b>	-70dBu line pad off -20dBu line pad on	<b>Threshold Adj. Range</b>	+20dB to -20dB
<b>Maximum Input Level</b>	-30dBu line pad off +20dBu line pad on	<b>Ratio Adj. Range</b>	0 to 100%
<b>(trim pot min gain plus +20dB headroom)</b>		<b>Low Cut Filter</b>	12dB/octave at 150Hz
		<b>Power Requirements</b>	18V AC center-tapped, 21V AC/120V AC, 60Hz
		<b>Dimensions</b>	19" W x 1-3/4" H x 6" D (48.2 cm x 4.4 cm x 15.2 cm)
		<b>Weight</b>	Shipping: 10 lbs.; Product: 7 lbs.

## Architects & Engineers Specifications

The unit shall be a Bogen Model \_\_\_\_\_ (specify CAM8 or CAM8PRO). Frequency response shall be 20Hz to 20kHz, ±1dB. Power requirements shall be 18V AC center-tapped, 21V AC/120V AC at 60Hz. The unit shall utilize an external power supply.

The unit shall measure 19" W x 1-3/4" H x 6" D, weigh 7 pounds, and be rack-mounted in a standard rack or placed on a flat surface.

The unit shall have 8 inputs, each with Main/Aux output selector, Gain/Trim Control, Input Level Control knob, Low-Cut Filter, and MIC/Line switch.

The unit shall have balanced inputs and outputs with an Output Level Control knob for Main and Aux outputs.

The unit shall have an additional Auxiliary output.

The MIC inputs shall have switchable Phantom Power (+15V DC) for condenser microphones.

The unit shall be of heavy-duty construction with sealed potentiometers and pluggable terminal strip connections.

The CAM8PRO shall include a Compressor/Limiter with adjustable Threshold and Ratio Controls, an LED Bar Graph Output Meter, and a Bypass switch. It will also include a Headphone Output.