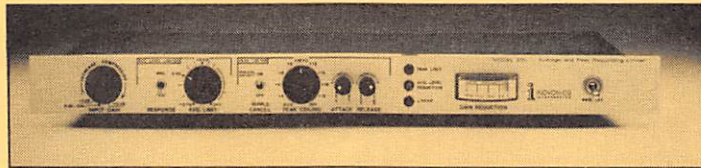


Model 201 Audio Limiter

Fully independent average and peak limiting...

Inovonics' Model 201 is an unusually smooth dual-function audio limiter designed for studio recording, mastering, and broadcast production work. Serving as both a fast peak limiter and independent average-responding limiter, Model 201 restricts program peaks to a preset ceiling value while

maintaining the average program level within desired limits. Features include variable dynamic range compression, exclusive open-loop gain reduction and ripple-canceling circuitry, and visual indication of gain reduction.



General Specifications

Frequency Response	±0.5 dB, 20 Hz-20 kHz	
Signal-to-Noise Ratio	>75 dB, 20 Hz-20 kHz referred to +4 dBm line level.	
Distortion (THD)	50 Hz-200 Hz	200 Hz-20 kHz
Peak Limiter		
Slow Release:	<0.5%	<0.25%
Fast Release:	<1.0%	<0.25%
Average Level limiter:	<0.5%	<0.25%
Limiter Timing		
Peak Limiter		
Attack:	Continuously variable between 1 μs/dB limiting and 1 ms/dB limiting.	
Release:	Continuously variable between 5 ms/dB limiting and 50 ms/dB limiting.	
Average Level Limiter		
AVG Response:	10 ms/dB limiting	
"VU" Response:	30 ms/dB limiting	
Stereo Coupling	Two or more units may be interconnected for ganged gain reduction.	
Input		
Sensitivity:	Adjusts to accommodate input levels between -15 and +5 VU with calibrated "unity gain" position.	
Impedance:	100k, unbalanced (transformer optional).	
Output	Transformer-isolated line output feeds 600 ohm line or bridging inputs at +4 or +8 dBm. Clipping level +24 dBm.	
Power Requirements	105-130 VAC (230 V available), 50/60 Hz, 10 W	
Size and Shipping Weight	1-3/4" x 19" x 6-1/2", 9 lbs.	

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