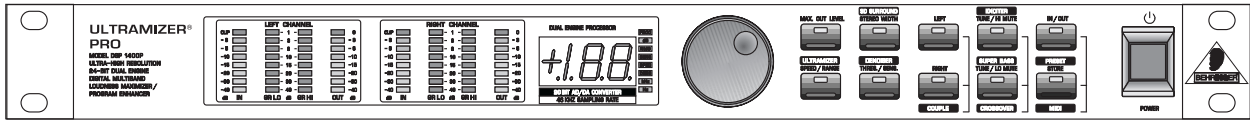


ULTRAMIZER PRO

Ultra-high performance Digital Multiband Loudness Maximizer / Sound Program Enhancer powered by a 24-bit DSP



- ▲ Doubles the loudness of your Recordings and Sound Reinforcement Systems without any distortion
- ▲ Ultimate Mastering Machine maximizes signal energy with absolutely “inaudible” and transparent compression
- ▲ Variable band-split compression eliminates virtually any gain intermodulation effects, such as “bass pumping” etc.
- ▲ Multiband “Brickwall” Limiter protects against any clipping and dangerous sound pressure levels
- ▲ Built-in Denoiser and Exciter for noise-free and ultra transparent sound
- ▲ 3D Stereo Surround Processor provides unbelievable spatial enhancement and improved stereo imaging
- ▲ Super Bass Enhancer psycho-acoustically creates an incredible bass sound below your loudspeaker's frequency range
- ▲ Incorporated Leveler for constant average output level while retaining the instantaneous dynamics
- ▲ Free ULTRAMIZER software allows for total remote control via PC (download at www.behringer.com)
- ▲ 20-bit A/D and D/A Converters with 64/128 times oversampling for ultra-high headroom and resolution
- ▲ Internal 24-bit processing with professional 46 kHz sampling rate
- ▲ Servo-balanced Inputs and Outputs on gold plated XLR and TRS jack connectors for high signal integrity
- ▲ 50 user preset Memories to store programs for instant recall
- ▲ Accurate eight-segment LED Level and Gain Reduction meters for optimum performance
- ▲ “Future-proof” software-upgradeable architecture
- ▲ Full MIDI capability allows real-time parameter control and program selection
- ▲ High-quality components and exceptionally rugged construction ensures long life and durability
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

Analog Inputs

Connectors	XLR and 1/4" jack
Type	RF filtered, servo balanced input
Impedance	50 kOhms balanced, 25 kOhms unbalanced
Nominal Operating Level	-10 dBV to +4 dBu
Max. Input Level	+16 dBu at +4 dB nominal level, +2 dBV at -10 dBV nominal level

Analog Outputs

Connectors	XLR and 1/4" jack
Type	electronically servo-balanced output stage
Impedance	60 Ohms balanced, 30 Ohms unbalanced
Max. Output Level	+16 dBu at +4 dB nominal level, +2 dBV at -10 dBV nominal level

System specifications

Bandwidth	20 Hz to 20 kHz, +0/-0.5 dB
Frequency Response	0.35 Hz to 200 kHz, +0/-3 dB
Noise	> 95 dBu, unweighted, 22 Hz to 22 kHz
THD	0.008 % typ. @ +4 dBu, 1 kHz, Gain 1 0.04 % typ. @ +16 dBu, 1 kHz, Gain 1
IMD	0.01 % typ. SMPTE
Crosstalk	< -100 dB, 22 Hz to 22 kHz

MIDI Interface

Type	5-Pin-DIN-Socket IN / OUT / THRU
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Digital Processing

Converters	20-bit Sigma-Delta, 64/128-times Oversampling
Sampling Rate	46.875 kHz

Display

Type	2 ½-digit numeric LED-Display
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Power Supply

Mains Voltages	USA/Canada	115 V ~, 60 Hz
	U.K./Australia	240 V ~, 50 Hz
	Europe	230 V ~, 50 Hz
	General Export Model	100 - 120 V ~, 200 - 240 V ~, 50 - 60 Hz
Fuse	100 - 120 V ~:	T 250 mA H
	200 - 240 V ~:	T 125 mA H
Power Consumption	max. 25 Watts	
Mains Connection	Standard IEC receptacle	

Physical

Dimensions (H * W * D)	app. 1 3/4" (44.5 mm) * 19" (482.6 mm) * 7 1/2" (190.5 mm)
Net Weight	app. 2 kg
Shipping Weight	app. 3.2 kg

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