
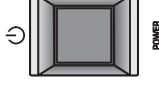
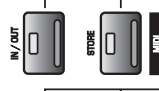





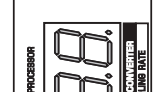
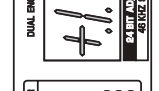
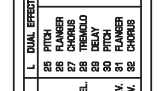


VIRTUALIZER[®] PRO DSP1024P

VIRTUALIZER[®] PRO
MODEL DSP 1024P
 ULTRA-HIGH RESOLUTION
 24-BIT DUAL ENGINE PROCESSOR
 WITH 618 EFFECTS AND
 FULL MIDI CONTROL

REVERBS		SERIAL EFFECTS		L. DUAL EFFECTS		R	
01	OUTERHAL	09	REVERBION	17	PITCH	25	TOTAL
02	PLATE	10	DELAY	18	FLANGER	26	FLANGER
03	SMALL HALL	11	ECHO	19	CHORUS	27	CHORUS
04	ROOM	12	GATED REV.	20	TREMULO & DEL.	28	TREMULO
05	CONCERT	13	WALL	21	PITCH & REV.	29	PITCH
06	STAGE	14	VOCAL DRY	22	PITCH & REV.	30	PITCH
07	VOCAL	15	ROTARY BR.	23	FLANGER & REV.	31	FLANGER
		16	VOODOO	24	CHORUS & REV.	32	CHORUS
							ECHO

Technical Specifications

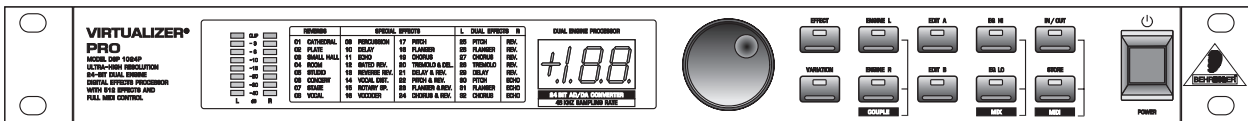
Version 1.0 March 2001

ENGLISH



VIRTUALIZER PRO

Ultra-high performance Digital Multi-Effects Processor powered by a 24-bit high-speed Digital Signal Processor (DSP)



- ▲ “Wave Adaptive Virtual Room” reverb algorithms calculated from precise mathematical room models to give you ultra-natural reverb effects
- ▲ 32 breathtaking Reverb, Chorus, Flanger, Delay, Pitch Shifter, Vocoder, Rotary Speaker effects and more
- ▲ More than 700 effects variations plus two individual parameters and separate low and high EQ section
- ▲ Two digital processing engines offer you independent or coupled effects on left and right channels
- ▲ True stereo processing performance allows separation of left and right channels in the stereo field for open-sounding enhancement of the sound sources
- ▲ Free VIRTUALIZER design software allows for total remote control via PC (download at www.behringer.com)
- ▲ 24-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 XLR and 1/4" TRS jack connectors for high signal integrity
- ▲ 100 user preset memories to store programs for instant recall
- ▲ Accurate eight-segment LED level meters simplify level setting 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
- ▲ Internal power supply design for professional application
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

Analog Inputs

Connectors	XLR and 1/4" jack
Type	RF filtered, servo balanced input
Impedance	60 k Ω balanced, 30 k Ω unbalanced
Nominal Operating Level	-10 dBV to +4 dBu
Max. Input Level	+16 dBu at +4 dBu 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 Ω balanced, 30 Ω unbalanced
Max. Output Level	+16 dBu at +4 dBu nominal level, +2 dBV at -10 dBV nominal level

System specifications

Bandwidth	20 Hz to 20 kHz, +/- 3 dB
Noise	> 94 dB, unweighted, 20 Hz to 20 kHz
THD	0.0075 % typ. @ +4 dBu, 1 kHz, Gain 1
Crosstalk	< -76 dB

MIDI Interface

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

Converters	24-bit Sigma-Delta, 64/128-times Oversampling
Sampling Rate	46,875 kHz

Display

Type	2 1/2-digit numeric LED-Display
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Power Supply

Mains Voltages	USA/Canada	120 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 200 mA H	
	200 - 240 V ~: T 100 mA H	
Power Consumption	max. 15 Watts	
Mains Connection	Standard IEC receptacle	

Physical

Dimensions (H * W * D)	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 kg

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