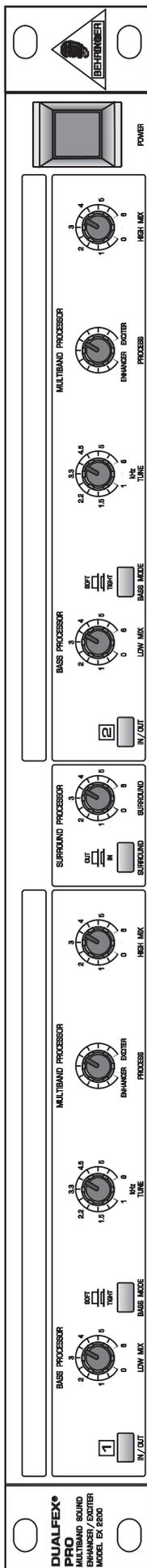


DUALFEX®

EX2200



Technical Specifications

Version 1.1 May 2000

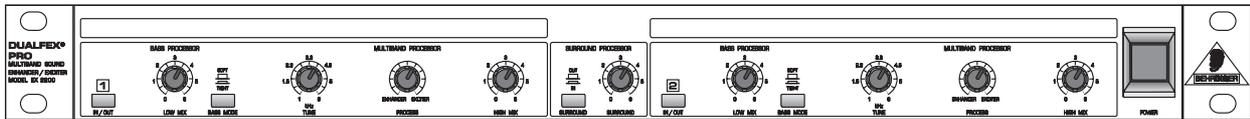
ENGLISH



www.behringer.com

DUALFLEX PRO

Professional and multi-purpose Sound Enhancement system for studio and home applications



- ▲ Gives your music that extra sparkle and makes your instruments or mixes stand out
- ▲ Releases untapped resources and details instruments, vocals and mixed program material
- ▲ Multiband concept for bass power and high frequency transparency
- ▲ "Natural Sonic" processor for ultra-musical sound improvement
- ▲ VSP (Variable Sound Processing) circuit for simultaneous Enhancer and Exciter process
- ▲ "Dual Mode" ultra-bass enhancer produces "soft" and "tight" bass sounds
- ▲ Surround processor provides you real spatial enhancement and improved stereo imaging
- ▲ Servo-balanced 1/4" TRS and RCA inputs
- ▲ Ultra-low noise 4580 audio operational amplifiers for superior sound performance
- ▲ High-quality detent potentiometers and illuminated switches
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUT

Connectors	RCA and 1/4" jack
Type	RF filtered, servo-balanced input
Impedance	30 kOhms balanced, 15 kOhm unbalanced
Max. Input Level	+21 dBu balanced and unbalanced (unity gain)
CMRR	typ. 40 dB, >55 dB @ 1 kHz

AUDIO OUTPUT

Connectors	RCA and 1/4" jack
Type	unbalanced output stage
Impedance	30 Ohm
Max. Output Level	+21 dBu, +20 dBm

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. @ +20 dBu, 1 kHz, Gain 1
IMD	0.01 % typ. SMPTE
Crosstalk	<-100 dB, 22 Hz to 22 kHz

BASS PROCESSOR

Type	"Dual Mode" bass processor
Low Mix	variable (0 to 6)

MULTIBAND PROCESSOR

Type	"Natural Sonic" processor with VSP (Variable Sound Processing)
Tune	variable (1 to 8 kHz)
Process	variable (Enhancer to Exciter)
High Mix	variable (0 to 6)

SURROUND SECTION

Surround	variable (0 to 6)
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FUNCTION SWITCHES AND CONTROLS

Mode	switches the bass sound from "Soft" to "Tight"
In/Out	activates the relay controlled hard-bypass
Surround	activates the surround processor

INDICATORS

Function switch	LED indicator for each function switch
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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 250 mA H
	200 - 240 V ~:	T 125 mA H
Power consumption	max. 10 Watts	
Mains connection	standard IEC receptacle	

PHYSICAL

Dimension (H * W * D)	app. 1 3/4" (44.5 mm) * 19" (482.6 mm) * 8 1/2" (217 mm)
Net Weight	app. 2.2 kg
Shipping Weight	app. 3.4 kg

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