

DFX2000

Digital Effect Processor



Features

- ▶ 101 amazing algorithms in true stereo with 40-bit DSP engine
- ▶ High-Definition reverb algorithms for natural-sounding reverb and delay
- ▶ 49 effect combinations with selectable serial/parallel configuration
- ▶ Up to 7 adjustable parameters, plus High and Low Equalization
- ▶ High-resolution 24-bit A/D and D/A converters
- ▶ 100 factory presets plus 100 user-definable memory locations
- ▶ Extensive MIDI implementation
- ▶ LED level meters
- ▶ Balanced XLR and 1/4" TRS inputs and outputs

Description

Phonic's DFX2000 provides extra firepower and spice to your performance- thanks to our 101 amazing effects algorithms. Each effect has up to 7 parameters that can be easily adjusted, as well as a low and high-frequency EQ, and the simple 'compare' key allows you to quickly and easily compare your new effect to the original. Once you're done, store your effect in one of the user-definable preset slots. Our effects includes countless reverb, delay, modulation, pitch shifter, dynamic effects, psycho-acoustical, guitar modeling, various filters, special effects, and a plethora of other algorithms! - Just to give you a taste of what Phonic's DFX2000 has to offer!



Specifications

ANALOG INPUTS	
Connectors	XLR and 1/4" TRS
Type	RF filtered, servo-balanced input stage
Impedance	24 kΩ balanced
Nominal Operating Level	-10 dBV or +4 dBu (selectable)
Max. Input Level	+15 dBu at +4 dBu nominal level, +1 dBV at -10 dBV nominal level
ANALOG OUTPUTS	
Connectors	XLR and 1/4" TRS
Type	Electronically servo-balanced output stage
Impedance	200 Ω balanced
Max. Output Level	+15 dBu at +4 dBu nominal level, +1 dBV at -10 dBV nominal level
SYSTEM SPECIFICATIONS	
Bandwidth	20 Hz to 20 kHz, +/- 3 dB
SNR	91 dB, unweighted, 20 Hz to 20 kHz
THD	0.018 % typ. @ +4 dBu, 1 kHz, 0 dBu input, gain 1
Crosstalk	< -76 dB
Display Type	4-digit 14 segment alpha-numeric LED-Display
MIDI INTERFACE	
Type	5-pin DIN-socket IN / OUT or THRU
DIGITAL PROCESSING	
Converters	24-bit Sigma-Delta, 128-times oversampling
Sampling Rate	44.1 kHz
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 500 mA H
	200 - 240 V ~: T 500 mA H
Power Consumption	15 Watts max.
Mains Connection	Standard IEC receptacle
PHYSICAL	
Dimensions (HxWxD)	44 x 482.6 x 217 mm (1 3/4" x 19" x 8 1/2")
Net Weight	4.63 lbs (2.1 kg)