Technical Specifications

ENGLISH

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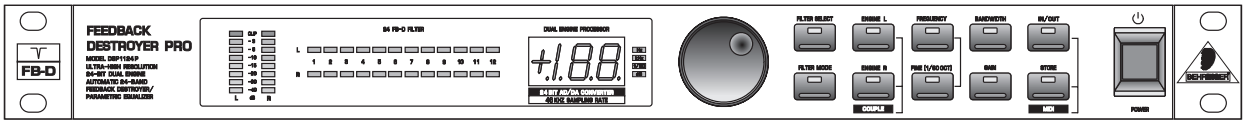
FEEDBACK DESTROYER® PRO

24-Bit Dual Engine Digital Feedback Destroyer/Parametric EQ Model DSP1124P



- ▲ Ultra-high performance 2-channel digital Feedback Destroyer/parametric EQ powered by a 24-bit high-speed DSP
- ▲ 24-bit A/D and D/A converters with 64/128 times oversampling for ultra-high headroom and resolution
- ▲ Automatically and “intelligently” searches out and destroys up to 12 frequencies per channel
- ▲ 24 fully programmable parametric filters that can be set manually or via MIDI
- ▲ “Set-and-forget” default setting enables immediate and super-easy Feedback Destroyer performance
- ▲ Single-Shot mode automatically searches and destroys feedback and locks the filter until you reset it manually
- ▲ Auto mode continuously monitors the mix, resetting programmed filters automatically
- ▲ Manual mode allows for setting up to 2 x 12 fully parametric filters including frequency, bandwidth and gain
- ▲ Single-Shot, Auto and Manual modes are assignable for each filter
- ▲ Free FEEDBACK DESTROYER design software allows for total remote control via PC (download at www.behringer.com)
- ▲ Two digital processing engines give you independent or coupled functions on left and right channels
- ▲ Servo-balanced inputs and outputs on gold plated XLR and 1/4" TRS connectors for high signal integrity
- ▲ Internal 24-bit processing with professional 46 kHz sampling rate
- ▲ Full MIDI capability and 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
- ▲ High-quality components and exceptionally rugged construction ensure long life and durability
- ▲ Internal power supply design for professional application
- ▲ Manufactured under ISO9000 certified management system

SPECIFICATIONS

AUDIO INPUTS

Connectors	XLR and 1/4" TRS
Type	RF filtered, servo-balanced input
Impedance	60 kOhms balanced, 30 kOhms unbalanced
Nominal Operating Level	-10 dBV to +4dBu (switchable)
Max. Input Level	+16 dBu at +4 dB nominal level, +2 dBV at -10 dBV nominal level

AUDIO OUTPUTS

Connectors	XLR and 1/4" TRS
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, -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

DIGITAL PROCESSING

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

DISPLAY

Type	2 ½-digit numeric LED-Display

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
Power Consumption	approx. 15 Watts max.	
Fuse	100 - 120 V ~: **T 200 mA H**	
	200 - 240 V ~: **T 100 mA H**	
Mains Connection	Standard IEC receptacle	

PHYSICAL

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

BEHRINGER Spezielle Studiotechnik GmbH, Hanns-Martin-Schleyer-Str. 36-38, 47877 Willich-Münchheide II, Germany
Tel. +49 (0) 21 54 / 92 06-0, Fax +49 (0) 21 54 / 92 06-30