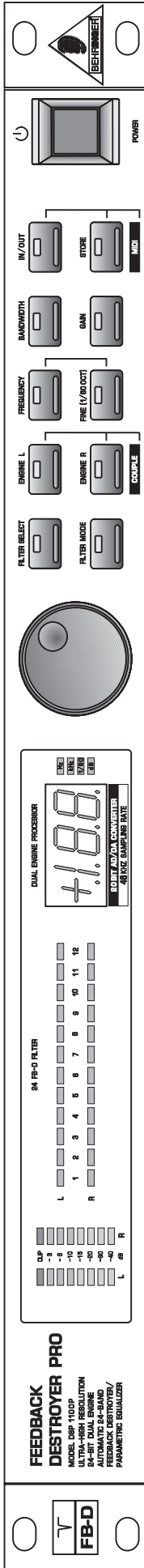


# FEEDBACK DESTROYER<sup>®</sup> PRO DSP1100P



## Technical Specifications

Version 1.1 May 2000

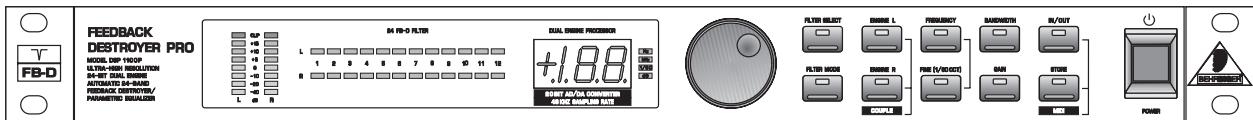
ENGLISH



[www.behringer.com](http://www.behringer.com)

# FEEDBACK DESTROYER PRO

Ultra-high performance 2-channel digital Feedback Destroyer / Parametric EQ powered by a 24-bit high-speed DSP



- ▲ 20-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 them 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 software allows for total remote control via PC (download at [www.behringer.com](http://www.behringer.com))
- ▲ Two software engines give you independent or coupled functions on left and right channels
- ▲ 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
- ▲ 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 ensures long life and durability
- ▲ Internal power supply design for professional applications
- ▲ Manufactured under ISO9000 certified management system

# SPECIFICATIONS

## Analog Inputs

Connectors	XLR and 1/4" jack
Type	RF filtered, servo balanced input
Impedance	60 kOhms balanced, 30 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, -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	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	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 ~:	<b>T 125 mA H</b>
	200 - 240 V ~:	<b>T 63 mA H</b>
Power Consumption	max. 15 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 kg

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