





VISIONARY DESIGN

If this thing had a Versatility knob, it would be stuck on 10! The ProVocal[™] from dbx Professional Products offers unmatched versatility for the project studio enthusiast at an unparalleled value. The new ProVocal has taken all of the laborious guesswork out of selecting tools for providing great vocal tracking. The ProVocal is an all-inclusive toolbox which is perfect for applications including live, studio and karaoke. The ProVocal features a superb microphone preamp coupled with state-of-the-art microphone and mic preamp modeling for a wide variety of sonic characteristics. From there you go into classic dbx dynamic processing such as gating, compression, de-esser, and limiter, then on to parametric EQ, chorus, flanger, delay and reverb. Other features include a 24-bit S/PDIF output with selectable 44.1 or 48k sample rate and MIDI control.

REVOLUTIONARY ENGINEERING

Once again, the company that has been revolutionizing the audio world for more than 30 years, is proud to offer a product that has taken the best vocal audio processing power tools available, and combined them under the hood of a single chassis. The design team at dbx Professional Products have painstakingly put together a processor that painlessly helps vocalists create warm and rich vocal tones in the digital domain with crystal clear digital effects, while providing dynamics processing powers that can all be controlled via the smart, sophisticated front panel. The ProVocal takes models of some the most sought after microphones and mic-preamps in the industry, and makes them readily available at your finger tips. The output versatility of the ProVocal offers XLR and 1/4" analog inputs and outputs and an S/PDIF digital output, making it a truly flexible work horse for any vocal application.

FEATURES

- Digital Microphone Modeling
- Digital Preamplifier Modeling
- 20 dB pad, 48 Volt Phantom Power
- Classic dbx Compression
- Parametric EQ, De-Esser, Gate
- Chorus, Flanger, Delay and Reverb

- 24-bit S/PDIF Digital Output
- 44.1 or 48 kHz Operation
- Selectable Mic/Line Switch
- Front Panel Instrument XLR Input
- Balanced 1/4" or XLR Outputs
- MIDI Control

A Harman International Company







SPECIFICATIONS

Microphone Input Connector: Type: Impedance: Maximum Input Level: CMRR: Equivalent Input Noise:

Gain

Line Input (Rear Panel) Connector: Type: Impedance: Maximum Input Level: CMRR: Gain

Instrument Input (Front Panel) Connector: Type: Impedance: Maximum Input Level:

Analog Outputs Connector: Type: Impedance: Maximum Output Level:

S/PDIF Digital Output Connector: Impedance: Female XLR pin 2 hot Electronically balanced/unbalanced RF filtered Balanced <18kHzΩ / unbalanced 79 kHz > 9 dBu or +11 dBu with 20 dB pad engaged >40dB, Typically 55dB at 1kHz Typically -120.2 dBu with a 150Ω source load, 20Hz to 20kHz BW +30dB to +60dB

TRS 1/4" jack Electronically balanced/unbalanced 20kΩ unbalanced, 40kΩ balanced +18dBu balanced or unbalanced >40dB, Typically 55dB -15dB to +15dB

TS 1/4" Jack Unbalanced 470 kΩ +18dBu unbalanced

Male XLR pin 2 hot and TRS $1/4^{"}$ Electronically balanced Balanced 120 Ω , unbalanced 60 Ω >+18 dBu into 100 k Ω

RCA 75Ω A-D System Performance A-D Conversion: Convertor Dynamic Range:

Type IV[™] Dynamic Range:

THD+Noise: Frequency Response:

D-A System Performance

D-A Conversion: Dynamic Range: THD+Noise:

Frequency Response: Interchannel Crosstalk:

Power Supply: Operating Voltage:

Power Consumption: Physical: Dimensions:

Weight: Shipping Weight: 24-bit, dbx Type IV[™] Conversion System 105 dB typical, A-weighted, 22 kHz bandwidth 102 dB typical, unweighted, 22 kHz bandwidth Up to 117 dB with transient material, A-weighted, 22 kHz bandwidth Up to 115 dB with transient material, unweighted, 22 kHz bandwidth Typically 109 dB with program material, A-weighted, 22 kHz bandwidth 0.002% typical at +4 dBu, 1 kHz, input gain at 0 dB 20 Hz to 22 kHz, +0/-0.5 dB 24-bit 103 dB typical, A-weighted, 20 kHz bandwidth 104 dB typical, weighted, 20 kHz bandwidth

103 dB typical, A-weighted, 20 kHz bandwidth 101 dB typical, unweighted, 20 kHz bandwidth 0.002% typical at +4 dBu, 1 kHz, output gain at 0 dB 20 Hz to 20 kHz, +0/-0.5 dB < -85 dB at 1 kHz, output gain at 0 dB

DO: 120 VAC. 60Hz, 100 VAC 50/60 Hz $\,$ - EU: 220-240 VAC 50/60 Hz 15 watts

1.75"Hx 5.75"Dx19"W 7.14 lbs. (3.24 kg) 10 lbs (4.40 kg)

dbx engineers are constantly working to improve the quality of our products. Specifications are, therefore subject to change without notice.



FOR MORE INFORMATION CONTACT:

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