

Mini-Pre

Vacuum Tube Microphone Preamplifier



VISIONARY DESIGN



dbx Professional Products has been redefining the standard of Professional Signal Processing for 30 years. From the 386 Tube Microphone Preamp to the 586 Dual Channel Tube Microphone Preamp, dbx has been the Professional's choice when it comes to the classic sound of tube microphone preamps.

In this same tradition, dbx is proud to introduce the all-new Mini-Pre Vacuum Tube Microphone Preamp. The Mini-Pre takes the classic dbx Tube Microphone Preamp sound and puts it in an easy to use, compact, affordable package. With the new dbx Mini-Pre Vacuum Tube Microphone Preamp you will no longer need to compromise tone for affordability.

REVOLUTIONARY ENGINEERING

Classic dbx Tube Microphone Preamp tone, portability and affordability are the hallmarks of this new microphone preamp from dbx. From its uncompromising crystal-clear, high-bandwidth, low-noise circuitry, to its road-worthy construction, the Mini-Pre offers a feature set that includes: a hand-selected, Soviet-made premium 12AX7 vacuum tube to add warmth and tone to any microphone signal, selectable 48 volt phantom power, 20 dB Pad and Phase reverse switch, the new Vacuum Tube Mini-Pre has the features that you would expect, at a price that would have been unthinkable just a few years ago.

FEATURES

- **Single channel tube microphone preamp**
- **Hand-selected, Soviet-made, premium 12AX7 vacuum tube**
- **60 dB gain and ∞ to +10dB of output level**
- **XLR microphone input**
- **1/4" TS line input**
- **Balanced 1/4" TRS and XLR outputs**
- **Selectable +48 volt phantom power**
- **20 dB Pad**
- **Phase reverse switch**
- **Peak LED**

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H A Harman International Company

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SPECIFICATIONS

Microphone Input

Connector: Female XLR Pin 2 Hot
Type: Electronically balanced/unbalanced
Impedance: 2k Ω
Maximum Input Level: -10 dBu or +10 dBu with 20 dB pad engaged
CMRR: Typically >80dB at 1kHz
Equivalent Input Noise: Typically -125 typical dBu with a 150 Ω source load "A-weighted"

Line Input

Connector: TS 1/4" Jack
Type: Electronically unbalanced
Impedance: >1 meg Ω
Maximum Input Level: 0 dBu or +20dBu with 20dB pad engaged
Gain: 26dB to 60dB

Outputs

Connector: Male XLR Pin 2 Hot and impedance balanced TRS 1/4"
Type: Balanced/unbalanced
Impedance: Balanced 600 Ω unbalanced 300 Ω
Maximum Output Level: (XLR) > +27dBu; (1/4") > +21dBu

System Performance

Gain Control Range: +26dB to +60dB for Mic Input
+16dB to +50dB for Line and Instrument Inputs

Output Level Control Range: ∞ to +10dB

Phantom Power: +48V

PAD: 20dB pad

PHASE: Reverses pins 2 and 3 of the output XLR

Frequency Response: 10Hz to 45kHz (-3dB points)

THD+Noise: 0.08% typical at -10dBu out, 1kHz, 30 dB gain
"A-weighted"

Power Supply

Operating Voltage:

JA: 100VAC 50/60Hz
DO: 120VAC 60Hz,
EU: 230VAC 50/60 Hz

Power Requirements:

9VAC 1300ma (12 watt typical power consumption)

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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