D-audio

USB audio reference mic/line pre-amp
for use with acoustical measurement software





Features:

- High-End Mic Pre-amps
- 48V Phantom Power on Board
- Local Loopback per Channel
- Dynamic Range 115dB
- Line Level Inputs
- High-End Transformer Balanced Outputs
- Fully Remote Controlable
- Small & Portable
- Powered by USB Port

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TOTAL TRANSPARENCY

AXYS® *D-audio* USB Pre-Amp

Tired of carrying bulky devices all around to execute your acoustical measurements?
Duran Audio has developed a handy, compact, and yet highly accurate USB microphone pre-amp to alleviate this problem. The D-audio USB Audio Reference Preamplifier is designed for use with acoustic measurement software such as WinMLS, EASERA and Smaart for the purpose of the precise capturing of audio data to ensure fast and reliable STI figures without the common measurement setup hassles. This extremely high quality unit can also be used for the most demanding recording purposes. D-audio provides two line and two microphone level inputs and two transformer balanced line outputs with software controllable local loopback functionality and a rock steady 48V phantom power. The unit can be powered by the USB port or an external power supply. The D-Audio USB pre-amp has been designed to the highest accuracy so that the user can be guaranteed reliable results from their measurements and it even fits neatly into your laptop bag!

The D-audio USB pre-amp provides:

Inputs
- Two high-end microphone preamps
- 3p XLR female/ 6.3 mmPhone jack combined connectors. Phone jack with -20 dB attenuation
- Analogue input gain adjustable from 0 to 60 dB (software controlled, 6 dB steps)
- 48V phantom power, software controlled on/off switching
- Professional 24 bit AD converter (dynamic range: 115dB @ 0dB gain), bit depth dependent on OS

Outputs
- Two high-end transformer balanced outputs
- 3p XLR male
- Output level 0 dBu (0 dBFS), analogue gain is fixed to 0 dB. Level can be digitally attenuated by the wave slider in the Windows mixer
- Professional 24 bit, 48 kHz DA converter (dynamic range: >115dB) , bit depth dependent on OS

Supported bit depths (OS dependent)

Windows USB audio support				
	Windows 98 SE	Windows ME	Windows 2000	Windows XP
Playback	Only 16-bit supported	All bit-depths supported but converted to 16-bit	8, 16 & 24 bit supported	8, 16 & 24 bit supported
Record	In combination with D-audio USB device only 24-bit recording is possible	All bit-depths supported but converted to 16-bit	8, 16 & 24 bit supported	8, 16 & 24 bit supported 24-bit stereo only

USB
- Full speed USB, spec. 1.1 compliant
- Bus powered application

General Features
- Standard type-B USB connection
- Status indicator LED (green indicating status OK, red indicating fault condition)
- Local loop-back per channel from line out to input. Enables latency determination by the host application
- Digital and analog settings are made on the host PC, no switches or potentiometers on the USB card
- DC power inlet. Used if the host PC power supply is insufficient (weak laptop battery)
- Standard DC power supply can be used (9V DC, 600mA, centre pin positive)
- Standard Windows USB drivers supported, fully compatible with the Windows sound system (WDM CSA)
- Windows panel for calibrated analogue input gain, loop-back & phantom power control ready available
- Dimensions 136mm (d) x 160mm (w) x 42mm (h), in inches approx. 5.35" x 6.3" x 1.65"
- Weight: 930 grams (2.05 lbs)

Minimum system requirements
- Pentium processor with 64MB RAM, Windows™ 98SE or higher
- Native USB compatibility

YOUR LOCAL AXYS® DEALER

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