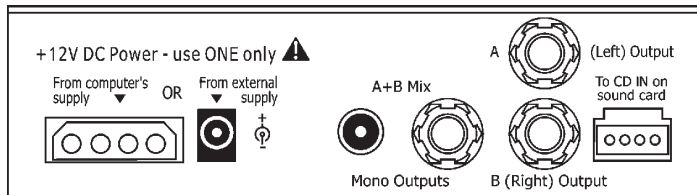
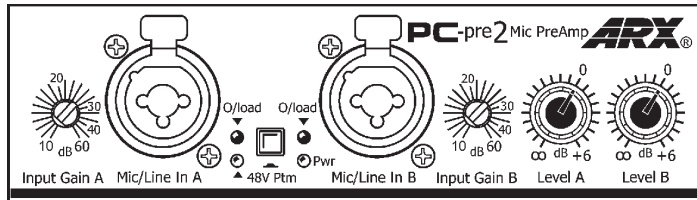


PC-pre2



THE ULTIMATE MIC PRE-AMP FOR HARD DISK RECORDING



Applications:

- Hard Disk recording front end
- Data acquisition
- Loudspeaker measurement, System testing and Equalizing
- Law enforcement Interview Recording

Benefits

- Dual Professional Balanced XLR mic inputs
- True 48v phantom power
- High headroom = clean recordings
- Can also easily be used with non-computer audio equipment as a stand-alone preamp; no computer required

Innovation

ARX is proud to release the new PC-pre2 Microphone Preamplifier

ARX's popular e-Pre has just received a complete redesign and feature update, adding an extra channel for true stereo operation. The all-new PC-pre2 features studio quality microphone pre-amps using the same internal components as high end mixing consoles, built into a compact, computer friendly package. PC-pre2 also features Left and Right output jack connectors. Summed Mono outputs on single RCA and Jack connectors are also provided.

Internally, the PC-pre2 is fitted with the latest ultra low noise and distortion Mic Preamp ICs from THAT Corp. It also has a High Current +48V DC Phantom Power, for driving condenser microphones, while a full Bi Polar Power Supply provides maximum headroom.

Audio Inputs are Combo connectors, providing both XLR Mic and 6.5mm jack Line inputs on the one connector.

Input Gain is individually variable from 10dB through to 60dB to suit all types of microphones, plus switchable 48V Phantom Power to enable condenser microphones to deliver their best.

Compact and powerful, the PC-pre2 provides precision audio engineering for today's desktop audio production environment. It is the ideal microphone pre-amp for hard disk recording, designed by a dedicated team of audio professionals, not computer engineers.

Specifications

Input Impedance

Mic 2 K Ohms Balanced; XLR type Pin 1 Audio Ground, Pin 2 +, Pin 3-

Line 25 K Ohms Balanced, 1/4" TRS jack : Tip +, Ring -, Sleeve Audio Ground

Phantom Power Voltage Switchable +48 V DC on XLR Pins 2 and 3

Max Input Level Mic +15 dB, Line +20 dB

Input Gain 10 dB Minimum, variable to 50 dB Maximum

Overload Indicator Measured at all Gain points throughout the circuitry

Output Noise -90 dB Unweighted, -97 dB 'A' weighted (Gain at nominal 20 dB)

Frequency Response 20 - 20 KHz \pm 0.25 dB

Distortion

100 Hz 0.0085%

1 KHz 0.008%

10 KHz 0.0083%

(Measured with Mic Gain 20 dB, Output 0 dB)

Output impedance 150 ohms

Maximum output level +20dB

Distortion Max 0.1% prior to clipping

Output Connectors

Single Mono RCA with Channels A and B mix

Insulated 6.5mm jack with Channels A and B mix.

Wired Tip: Mix Out +, Sleeve - Ground / Earth

Dual Insulated 6.5mm jacks Wired Tip: Out +, Sleeve - Ground / Earth

Power Requirements 12v Connection from computer or external power supply

Size 146mmW x 42mmH x 142mm D (5 1/4"W x 1 3/4"H x 5"D)

Weight Under 1 Kilo (2.2 lbs)

Features

- ➔ Superlative sound
- ➔ 2 x Studio quality mic preamps
- ➔ Overload indicator
- ➔ 6.5mm L and R jack output connectors, plus Summed Mono outputs
- ➔ Dual XLR/jack combo inputs
- ➔ Switchable 48 V DC Phantom Power for condenser Mics
- ➔ Computer and desktop friendly package
- ➔ Runs from computer's power supply or an external power supply