

e-pre™



The ultimate microphone pre-amp for hard disk recording



ARX is proud to introduce the *e-pre* - the ultimate microphone pre-amp for hard disk recording, designed by audio professionals, not computer engineers. The all-new *e-pre* is so much a part of your system that it fits right into a spare 5¼" slot in your computer case! It's the perfect tool for all your day-to-day recording requirements. No equipment racks to plug in, no masses of cabling to connect - the *e-pre* is ready and waiting when you need it. The *e-pre* is a studio quality microphone pre-amp using the same internal components as high end mixing consoles, built into a compact, computer friendly package.

It has controls for:

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

A Contour control for EQ sweetening, providing fast, easy access to a whole range of useful EQ options

Output level control - fully variable to match the *e-pre*'s output to the input of the sound card. From -10dB consumer cards through to +4dB for professional sound cards, the *e-pre* can handle it.

Multiple output connectors match up with any kind of sound card, including mini jacks, standard jack, RCA (phono) plugs, and even an MPC3 connector to link to the internal CD ROM audio input of your sound card (if fitted).

We've even fitted a 12 VDC input connector on the rear to enable the *e-pre* to run from an external power supply if required (eg for use with notebook computers or stand-alone use).

Any way you look at it, the *e-pre* by ARX is the total professional microphone pre-amp for all your hard disk recording needs

Features

- e Superlative sound
- e Studio quality mic preamp
- e Total control - Input Gain, EQ Contour, Output Gain
- e Switchable 48 V DC Phantom Power for condenser Mics
- e XLR/jack combo input
- e Multiple output connectors
- e Compact, computer friendly package
- e Needs no external power supply

e-pre: Hard disk, Easy operation

The ARX e-pre represents a new way of looking at how we bring audio into the computer for hard disk recording.

It's been designed by pro audio professionals for the highest possible sound quality, not by computer engineers for the lowest possible cost! While modern computers usually come with a sound card that has an input for a microphone, the quality of sound it delivers leaves most people wanting something better. Professional sound cards realise this and have line inputs only, leaving the pre-amp option open.

Previously an external pre-amp has meant using a mic preamp designed to fit into a 19" rack, plus external equalization and all the extra cabling required to connect to the computer. But now all this has changed with the launch of the e-pre from ARX. A truly professional microphone pre-amp, with all the sound qualities you'd expect from a 'State-of-the-art' design using the same internal components as high end mixing consoles.

Ruler flat response, ultra-low noise, input gain and output level matching to suit all sound cards and microphones, as well as true 48V Phantom power for condenser microphones.

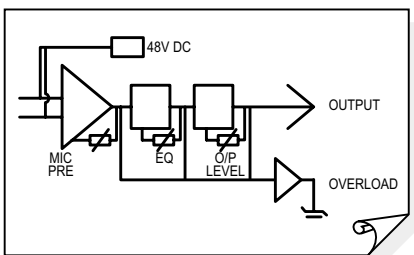
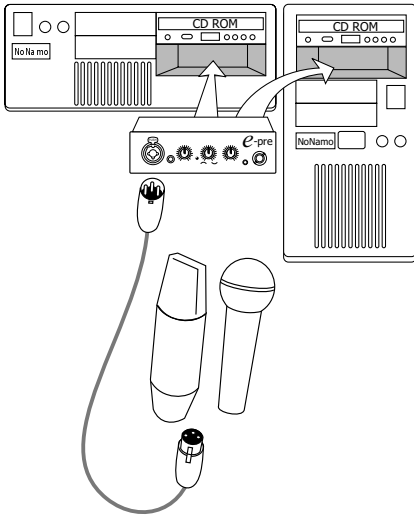
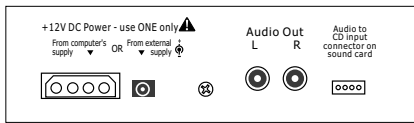
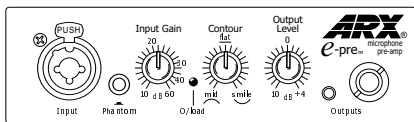
An added bonus is the Contour control. This deceptively simple feature provides fast, easy access to a whole range of useful EQ curves, ranging from midrange boost for stringed instruments, through to the classic Low and High frequency 'smile' curve favoured by radio stations. 50 million car stereos can't be wrong!

The 'combo' Input connector allows you to use the 3 pin balanced XLR section for the Mic pre-amp, and the 1/4" balanced jack input for line.

Multiple output connectors on the e-pre suit all possible sound card requirements: mini-jack, 1/4" jack, RCA (phono) connectors, plus an MPC3 socket for connecting to the internal Audio input (CD in) of the sound card if fitted.

While the e-pre needs no external power supply by using a spare connector from the computer's power supply, we haven't forgotten mobile/laptop users. An extra DC input socket on the rear lets you connect up an external 12V DC power supply (either wall-wart or battery) for recording in the field.

So why not audition the e-pre from ARX today. It really does take the 'hard' out of hard disk!



Complies with 89/336/EEC Electromagnetic Compatibility Directive, amended by 92/31/EEC and 93/68/EEC and meets the following standards: EN 55013 : 1990, Sections 3.2 and 3.5; EN 55020 : 1988, Sections 4.3, 5.4, 6.2, 7.0, 8.0. Complies with Australian Standard AS/N25 1053

Our policy is one of continuous improvement, and therefore designs may change without notice. However, unless otherwise stated, specifications will always equal or exceed those previously given.



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TECHNICAL 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 60 dB Maximum
- Output Level
 - 10 dB variable through 0 dB to +4 dB
- Overload Indicator
 - Measured at all Gain points throughout the circuitry
- Output Noise
 - 90 dB Unweighted, -97 dB 'A' weighted
(Measured with Gain nominal 20 dB, Output level -10 dB)
- Frequency Response
 - 20 - 20 KHz ± 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)
- Power Requirements
 - 160mA @ 12 V DC from either computer supply or external supply
- Size
 - 148mm W x 42mm H x 150mm D (5¾"W x 1¾"H x 6"D)
- Weight
 - 1 Kilo (2.2 lbs)

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