

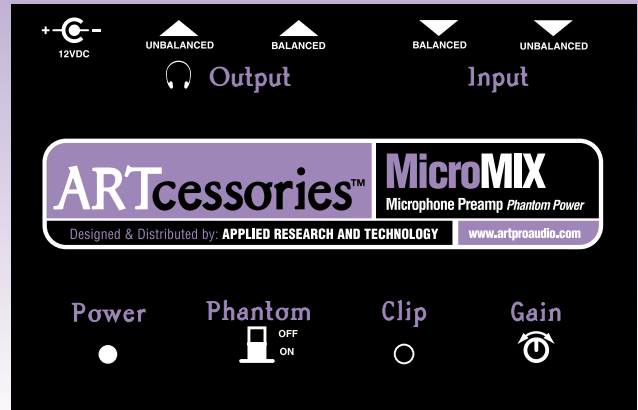
# ARTcessories™

Creative audio solutions in cool little boxes.

September 2002

## MicroMIX

Microphone Preamp *Phantom Powered*



### The Facts about Mic Preamps:

Sometimes you need to connect a low-impedance or condenser microphone to something which does not support it, such as a high-impedance mixer input, a PC sound card, a powered speaker or possibly an instrument amp. Situations like this call for a mic preamp to act as an interface and, as a rule, simplicity and economy are important factors. A level control and a simple overload indicator such as a Clip LED will also help you to keep the signal clean.

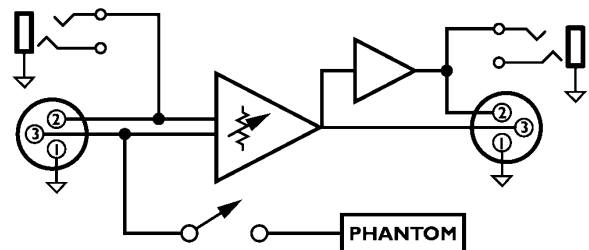
### Specifications:

The MicroMIX provides full facilities for connecting a low-impedance or condenser microphone to any preamp-level device.

- Balanced/low-impedance XLR Input
- Unbalanced 1/4" Line Input
- Balanced XLR Line Output and Unbalanced 1/4" Line/Headphone Output
- +36 volt, Phantom Power for the XLR input with Power On/Off button
- Power and Clip LEDs
- Gain control
- Power: 12V DC (Adapter included)
- Input Impedance: 10K Ohms balanced and unbalanced
- Max. Input Level: +4dBV XLR, +10dBV unbalanced
- Max. Gain: 50dB XLR, 44dB 1/4"
- Phase Shift: less than 10 degrees 20Hz – 20kHz
- EIN: less than 0.01%
- IMD (SMPTE): less than 0.01%
- Dimensions: 4.5 x 2.875 x 1.5 inch (150mm x 75mm x 38mm)
- Weight: 1lb (454g)

### Usage:

- a.) Connect the AC adapter cable to the 12V DC Input on the MicroMIX, and plug the other end into a 120V AC power outlet.
- b.) Connect a low-impedance mic cable or balanced line patch to the Balanced Input. Alternately, you may connect an unbalanced patch cord to the Unbalanced Input.
- c.) If you have connected a condenser mic, depress the Phantom Power pushbutton.
- d.) Connect a balanced or unbalanced patch cable to the appropriate Output. Connect the other end to the appropriate input on the mixer, powered speaker, PC sound card, etc.
- e.) If you are using the Balanced Output, you may connect headphones to the Unbalanced Output/Headphone jack to monitor the mic or other incoming signals. The headphone mix is mono. (Right and Left receive the same mix).
- f.) Adjust the Gain control as needed to achieve adequate signal level into the connected mixer, amp, etc.
- g.) If the Clip LED is active, reduce the Gain setting slightly until it ceases.



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