

ARTcessories™

Creative audio solutions in cool little boxes.

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HeadAmp4

Four Channel Headphone Amplifier

Top Features:

- 4 output channels each with individual volume control
- Four stereo 1/4" and four 1/8" headphone outputs
- Stereo 1/4" and 1/8" inputs (wired in parallel) can be connected to any line-level source or headphone output.
- Power "On" LED

The HeadAmp4 is a simple device which provides 4 channels of amplification, each with individual volume controls capable of directly driving up to 8 headsets simultaneously. With four independently controlled output channels, featuring a 1/4" and a 1/8" stereo T/R/S output jack on each channel. It can accommodate a wide variety of headphone models and impedances, and it is capable of driving all eight output jacks simultaneously.

With up to 20 dB of additional gain, input signals to the HeadAmp 4 can be any line level, or headphone level source, be it a mixer, tape-deck, computer, HiFi, etc. It can even be driven by other headphone amplifiers allowing the creation of multi-unit distributed audio networks. This is very useful in recording studio environments, assisted listening in education, and it can simply be used as an unbalanced stereo distribution amplifier in commercial applications. It is also easy to stack units by daisy chaining the parallel input jacks from unit to unit.

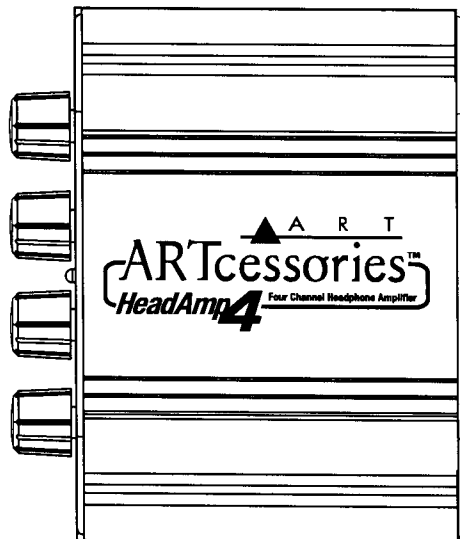
Usage:

1. Connect the included AC power adaptor to the HeadAMP4 DC input jack and plug the AC adaptor into an appropriate AC mains power outlet.
2. Connect the stereo line-level output or headphone output from a mixer, tape deck, CD player, another headphone amplifier, etc. to the HeadAMP4 stereo input using a low noise stereo T/R/S (Tip, Ring, Sleeve) patch cord.
3. A monaural source, such as a mixer's monitor output, can be connected to HeadAMP4 input by using a mono T/S to stereo T/R/S patch cord or adaptor. (The stereo T/R/S plug would have the Tip and Ring tied together so that the same mono signal is input to both the left and right channels. With an unmodified stereo cord attached, sound will be present in one ear only.)
4. Connect headphones to the output jacks and adjust the volume controls as required.



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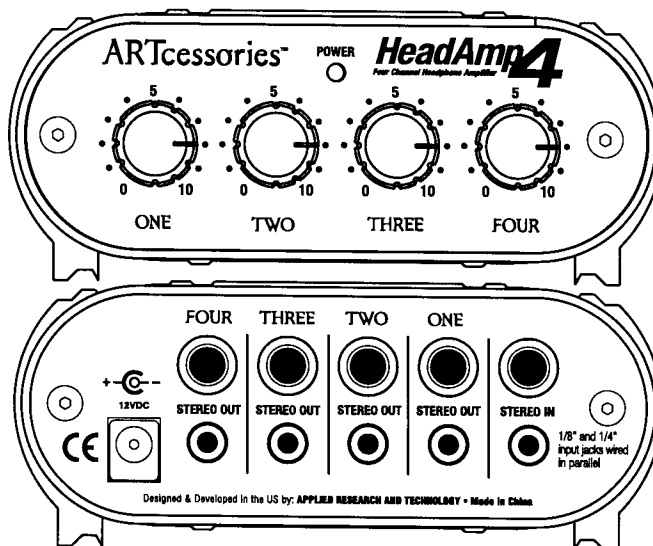
Features and specs are subject to change without notice ART-ARTcs-06-06



Specifications:

| | |
|----------------------------|--|
| Maximum Input Level: | +14 dBu |
| Input Impedance: | 90.9K Ohms |
| Maximum Output Level: | +14 dBu |
| Output Impedance: | 47 Ohms per output |
| Maximum Gain: | 20 dB |
| Frequency Response: | 20 Hz. to 20K Hz ± 1 dB |
| Signal to Noise Ratio: | > 90dB Ref. 0 dBu |
| Total Harmonic Distortion: | < 0.01% |
| IMD (SMPTE): | < 0.01% |
| Power: | 12 VDC (Adaptor Included) |
| Dimensions: | 1.75" H x 4.2" W x 3.5" D (44.5mm x 107mm x 89mm) |
| Weight: | 1.35 lbs. (0.61 kg) |

Note: 0dBu = 0.775Vrms



Designed & Developed in the US by: APPLIED RESEARCH AND TECHNOLOGY • Made in China