

**The facts about Multi-Function Headphone Amplification**

With home recording studios becoming more common, there is a need for flexible, professional headphone monitoring sufficient for a number of performers. Basic headphone amps offer one set of stereo inputs and volume-controlled headphone outputs. The HeadAMP V offers more options for studio applications. For example, it may be necessary to connect more than one stereo source, possibly the aux or monitor output, from the mixer. Or perhaps the stereo output of a tape deck or CD player. It may be necessary to insert reverb or EQ on certain headphone channels, or to interconnect two headphone amps for additional performers. Naturally there needs to be a level control for each headset, clean, accurate reproduction and plenty of power.

**About the ARTcessories HeadAMP V**

- Five headphone channels each with its own level control and ¼ inch stereo out jack.
- Left and Right RCA inputs.
- Left and Right ¼ inch inputs.
- The Left ¼ inch input will also accept a stereo TRS connector and stereo mix (tip = right, ring = left), such as the headphone output from a mixer. If a mono jack is connected, only the left earpieces will work.
- The Right ¼ inch input will act as a mono input if the Left ¼ inch input is not used. In this manner both channels will receive the same audio.
- A ¼ inch TRS link jack permits interconnecting two HeadAMP Vs for 10 headphone channels, 6 with inserts, and a total of 4 input sources.
- 3 Stereo Insert Jacks for direct access to Channel 3/4/5's stereo output.

**Usage:**

- a) Connect the AC adapter cord to the 12VDC input connector on the rear and plug the other end into an appropriate power outlet.
- b) Using a stereo dual-RCA patch cord, connect the output of a CD player or tape deck to the L and R RCA inputs on the HeadAMP V.
- c) If you are connecting the separate L&R outputs of a mixer, use two shielded mono cables and plug them into the Right/Mono ¼ inch input and Left/Stereo ¼ inch input on the HeadAMP V.
- d) If you are connecting the headphone output of a mixer, use a stereo shielded patch cable and plug into the Left/Stereo ¼ inch HeadAMP V input.
- e) To interconnect two HeadAMP Vs, run a shielded stereo (TRS-TRS) patch cable between their Link jacks. Now four sources and up to ten headphones can be connected.
- f) Plug Headphones into the Out jacks on the front of the HeadAMP V and adjust the Level controls as desired.

**Specifications:**

- Input Impedance 10k Ohms
- Maximum Input Level +18 dBV
- Maximum Gain 26 dB per channel
- Maximum Output Power 300 mW per channel
- Output Impedance 10 Ohms
- Signal-to-noise >90dB
- T.H.D. < .008%
- IMD (SMPTE) < .008%
- Power 12 Volts DC (adapter included)
- Dimensions 7.5" x 4.75" x 1.25" (190mm x 120mm x 30mm)
- Weight 2.6 lbs. (1.1 kg)

**WARRANTY AND SERVICE INFORMATION****Limited Warranty**

Applied Research and Technology will provide warranty and service for this unit in accordance with the following warrants:

Applied Research and Technology, (A R T) warrants to the original purchaser that this product and the components thereof will be free from defects in workmanship and materials for a period of **Three Year** from the date of purchase. Applied Research and Technology will, without charge, repair or replace, at its option, defective product or component parts upon prepaid delivery to the factory service department or authorized service center, accompanied by proof of purchase date in the form of a valid sales receipt.

**Exclusions:**

This warranty does not apply in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs. This warranty is void if the serial number is altered, defaced, or removed.

A R T reserves the right to make changes in design or make additions to or improvements upon this product without any obligation to install the same on products previously manufactured.

A R T shall not be liable for any consequential damages, including without limitation damages resulting from loss of use. Some states do not allow limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may have other rights, which vary, from state to state.

For units purchased outside the United States, an authorized distributor of Applied Research and Technology will provide service.

**SERVICE:**

The following information is provided in the unlikely event that your unit requires service.

- 1) Be sure that the unit is the cause of the problem. Check to make sure the unit has power, all cables are connected correctly, and the cables themselves are in working condition. You may want to consult with your dealer for assistance in troubleshooting or testing your particular configuration.
- 2) If you believe the ART unit is at fault, go to [www.artproaudio.com](http://www.artproaudio.com). You may contact Customer Service for more assistance, or directly request a Return Authorization for service in the "resources" area of the website.
- 3) If you are returning the unit for service, pack the unit in its original carton or a reasonable substitute. The original packaging may not be suitable as a shipping carton, so consider putting the packaged unit in another box for shipping. Print the RA number clearly on the outside of the shipping box.
- 4) Include, with your unit, a note with the RA number and your contact information including a daytime phone number, preferably attached to the top of the unit.