

# ARTcessories™

Creative audio solutions in cool little boxes.

September 2002

## HeadTAP

### Headphone Tap

#### The Facts About Tapping-Off Amp Signals to Power Headphones:

Sometimes floor monitors are a problem. There isn't enough room for them onstage or someone sits in and can't hear the monitors or the drummer can't hear them well enough. Or perhaps it's a pick-up gig or a rehearsal and you didn't have enough time to set them up. In any case, sometimes it would be preferable just to put on headphones and somehow connect them to the PA. That's where a headphone tap comes in.

This is a passive device with an input to connect the PA or monitor amplifier and an output to connect the headphones. A volume control regulates the headphone level and internal resistors keep the unit's impedance high enough to protect the headphones. It also protects the amplifier from encountering too low a load impedance while powering tap units, the speaker system or several tap units by themselves. A good tap will also work with a stereo headphone amplifier for use in recording situations when you want to add headphones for additional performers.

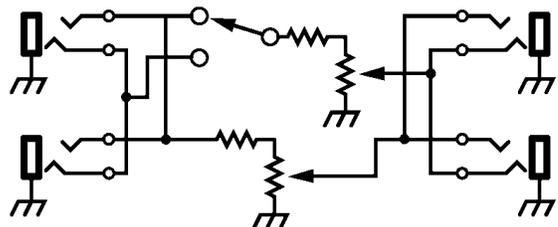
#### Specifications:

- The HeadTAP provides quick and convenient tapping facilities to permit powering headphones directly from an amplifier.
- Dual parallel 1/4" stereo/mono input jacks permit daisy-chaining taps and/or speakers.
- Stereo/mono input selector button.
- Dual 1/4" stereo/mono headphone jacks.
- Level control
- Input impedance: 150 ohms
- Dimensions: 3.75 x 2.875 x 1.5 inches (95mm x 74mm x 40mm)
- Weight : 1lb (454g)



#### Usage:

- If the power source is mono (i.e. one channel of a PA power amp or mixer/amp), connect a speaker cable either from the amp or a spare jack on a speaker to the input jack on the HeadTAP. Now set the pushbutton to Mono (down).
- If the power source is a stereo headphone amplifier or the headphone output on a mixer, plug a stereo or balanced 1/4" to 1/4" patch cord directly into the headphone output. Connect the other end of the cable to the HeadTAP's Input jack and set the pushbutton for Stereo (out).
- Connect headphones to either of the Headphone Output jacks on the HeadTAP or both of them if you are connecting two headphone sets.
- Adjust the Volume control as desired. Remember to also turn up the volume of the amp, mixer, headphone amp, etc., so that there will be sufficient power to drive the HeadTAP(s).
- To add another HeadTAP to the circuit, simply run a stereo or mono (depending on the usage) 1/4" to 1/4" patch cable from the Parallel Output jack on the HeadTAP to the Input jack on the next HeadTAP. Multiple HeadTAP's and headphones can be interconnected this way.
- The HeadTAP is a passive device and requires no batteries or power adapter.



DESIGNED & DISTRIBUTED BY:



**APPLIED RESEARCH AND TECHNOLOGY**  
215 Tremont St. • Rochester, NY 14608 • USA  
For Customer Service, please call: 585.436.2720  
Email: [cserve@artproaudio.com](mailto:cserve@artproaudio.com)  
[www.artproaudio.com](http://www.artproaudio.com)