

# PVC - PRO

Passive Volume Control



## User Guide



**Thank you** for selecting the NHT PVC Pro. The Passive Volume Control was conceived as a direct result of user feedback... as well as needs arising in our own studio work.

We think you will find the PVC Pro a unique product with many potential applications, here are just a few:

- Level control for mixerless DAW's and non-linear video systems.
- Level control for PC workstations, eliminating the need to use software applettes.
- Level control between modules in guitar or keyboard rigs.
- Send/return level control in effects loops.
- A device to completely eliminate ground loop noise, thanks to the use of Jensen transformers.

Remember to fill out your warranty registration card or register on line at [www.nhtpro.com](http://www.nhtpro.com). Either method will automatically extend both the parts and labor warranty for an additional two years.

## Specifications

**Input:** Two XLR female jacks

**Output:** Two XLR female jacks

**Controls:** One front panel level control

**Input Impedance:** 4.7 kohms

**Maximum Output Voltage:** 11V RMS at 20Hz

**Residual Hum/Noise:** -115 dB

**THD:** 0.01% at 3V RMS

**±2 dB response:** 1Hz-30kHz

**-6 dB LF Cutoff:** 0.5Hz

**Channel Tracking Accuracy:** +/- 0.5dB (0-40dB)

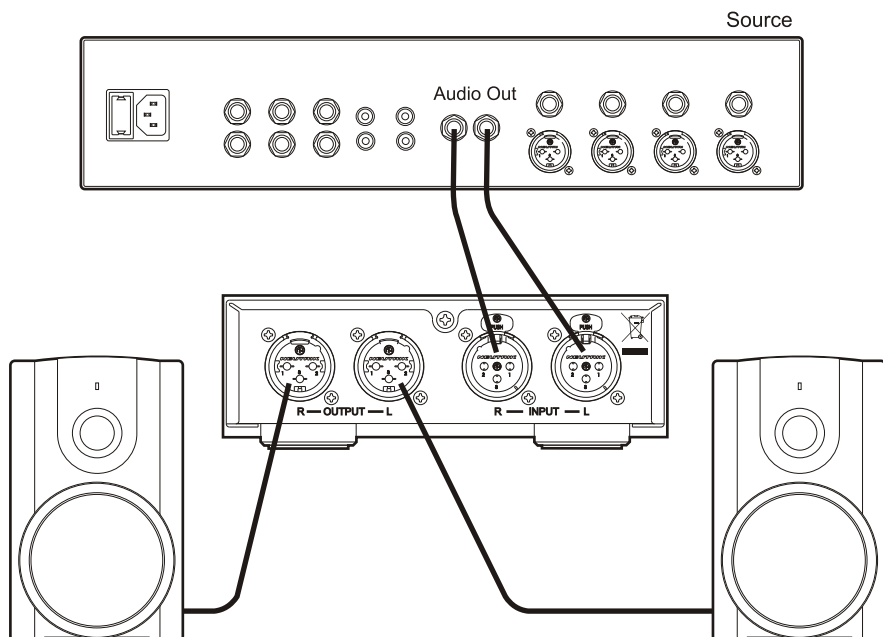
**Dimensions/Weight:** 1.75"H x 5.5"W x 4.5"D (1/3 rack space); 1.25 lbs

## Wiring

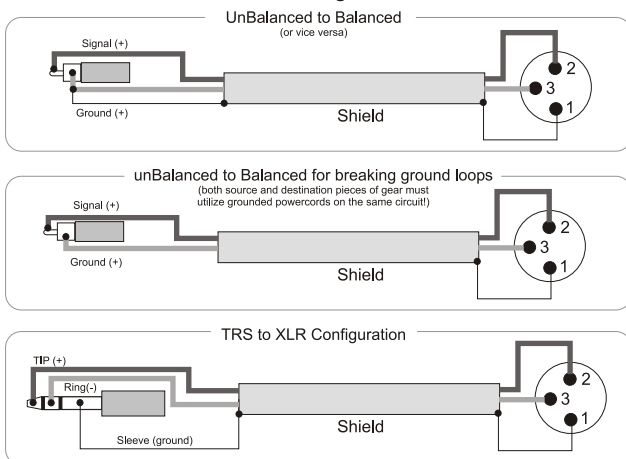
The PVC Pro accepts only balanced, XLR connectors. There are two input and two output XLR connectors on the rear panel of the PVC Pro. The diagram on the last page shows the proper wiring for the XLR connectors.

## Connections

The PVC Pro can be used on a desktop or rack mounted. For desktop or other open space use, simply plug in your patch cords and begin using. Connecting the PVC Pro is straightforward. Simply insert the PVC Pro in the signal path between the source and monitor amplifier/powerd monitors as shown below. Remember the PVC is a passive attenuator and adds no gain to the circuit. NHT recommends you set your volume controls in your PC and/or personal media device to full volume. Then use the PVC Pro to set your levels.



## Some useful Wiring Conventions



Unbalanced Input Wiring

	1/4"	RCA
Hot (+)	Tip	Tip
Ground & Shield	Sleeve	Sleeve

Balanced Input Wiring

	XLR	TRS
Hot (+)	Pin 2	Tip
Cold (-)	Pin 3	Ring
Ground	Pin 1	Sleeve

**NOTE:** If you experience intermittent hum when using the PVC, go to <http://nhthifi.com/2006/products/pro/pvcpro.html> and click on the FAQ link for instructions on trouble shooting and solving this problem.

The PVC is designed to break ground loops between the sound source (computer sound card, CD player, etc) and the sound destination device (powered speaker, amplifier, etc.). It does this by isolating the grounds of the source and destination devices through the use of transformers. If you use the PVC with a source or destination device that is ungrounded (uses a two pronged power cord or is battery powered), you may experience intermittent hum.

## Technical Support:

**Toll Free:** 800-NHT-9993.

**Fax:** (707)747-1252.

**Email:** [customerservice@nhthifi.com](mailto:customerservice@nhthifi.com)

**Snail mail:** NHT Inc., 6400 Goodyear Rd., Benicia, CA 94510.

# Limited Warranty

## Valid Only in the U.S.A.

### Warranty Period

For a period of 5 years for parts and 5 years for labor (1 year parts and 90 days labor for electronics) from the date this product is first purchased from an authorized NHT dealer, Now Hear This (NHT) warrants that if it fails to function properly due to a manufacturing defect, despite its being installed and operated according to these instructions and used under normal conditions, it will be either replaced or repaired with new or rebuilt parts (both at NHT's option) with a unit of comparable value without charge to you.

### What's Not Covered

Altered, defaced or removed serial numbers void this warranty.

This warranty does not cover any product used in trade, business, industrial or commercial applications.

This warranty also does not cover the cabinet or appearance factors, or costs, defects or damage resulting from misuse, abuse, accident, improper maintenance, alterations or modifications not authorized in writing by NHT, or parts or labor from any source other than an authorized NHT service location.

Damage due to power exposure in excess of the speaker's published power ratings; ie, overpowering, lightning or power surges, are also not covered.

### Your Rights

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

NHT limits this warranty to the purchase price of the product, excludes incidental or consequential damages, and limits its obligations under any implied warranties under state laws to a period not exceeding their warranty periods. As some states do not allow the above limitations, however, they may not apply to you.

### To Obtain Service

To find the name and address of the nearest authorized NHT service location, call or write:  
Customer Service Department, NHT, 6400 Goodyear Rd., Benicia, CA 94510, 1-800-NHT-9993 (648-9993),  
[www.nhthifi.com](http://www.nhthifi.com)

For your future convenience, please keep this warranty with your sales receipt, and record date and place of purchase for further reference.



Per the EC directive of WEEE (Waste Electrical and Electronic Equipment) this product may not be disposed of as waste. It must be recycled through an approved recycling method. This recycling service shall be provided, at no cost to the consumer, by the distributor or retail outlet where the product was originally purchased. For recycling, the consumer should contact the place of original purchase for more information.