

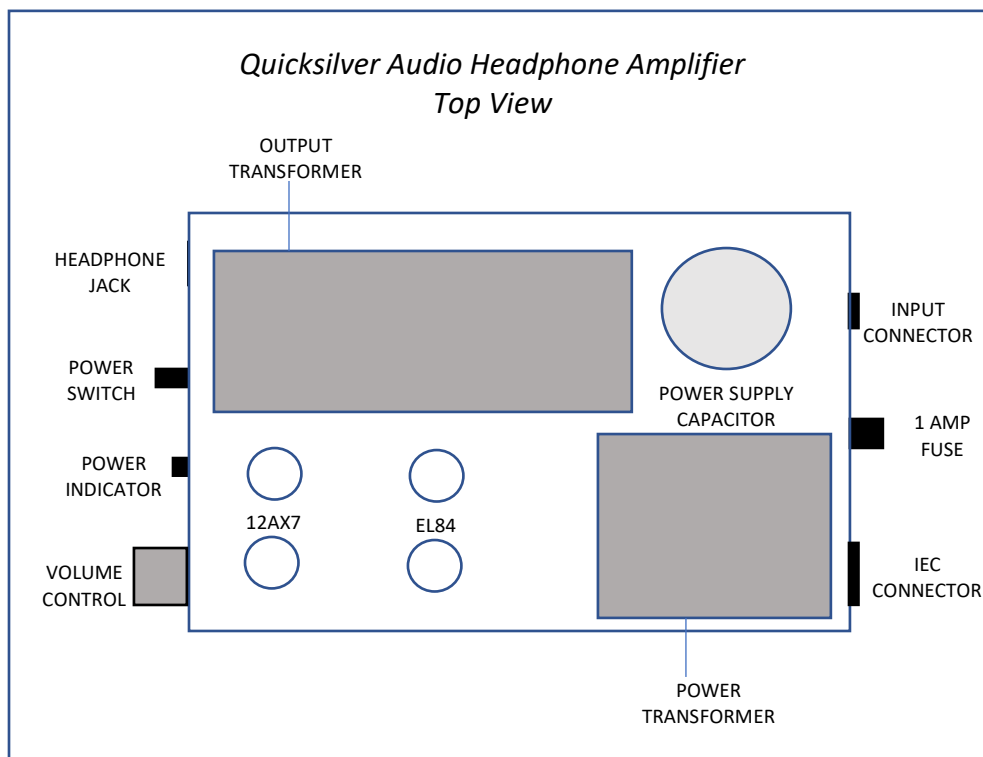
Quicksilver Audio Headphone Amplifier Operating Instructions

Thank you for purchasing the Quicksilver Audio Headphone Amplifier.

The Quicksilver Headphone Amplifier is designed for critical monitoring during on-location recording. Because of this there is no input switching or switching of any kind in the signal path. The amp will drive any impedance headphone to very loud levels so care should be taken to protect your hearing and your headphones.

INITIAL TURN-ON

Insert the tubes in their proper sockets. It may be difficult to insert the EL84s the first time. Gently move them back and forth a few times in the socket until you feel the pins move into the socket; then push the tube down firmly into the socket. If the tube pins are not properly lined up in the socket before you push the tube in, you may bend the socket pins.



FUSE BLOWING

If the 1 amp (slo-blo) fuse blows, replace it with no larger than a 1 amp fuse. If the fuse continues to blow after changing the tubes, the amp should be returned to Quicksilver Audio for servicing.

TROUBLESHOOTING

If the sound from one channel is distorted and you suspect the amp, switch the tubes between the channels to determine if a tube is bad.

TUBE REPLACEMENT

The Headphone Amp is sold with matched EL84 (6BQ5) output tubes, but 7189s can also be used; however both output tubes should be the same type. Output tubes should be replaced as a matched pair and should be purchased through Quicksilver Audio or a Quicksilver dealer. Quicksilver output tubes are “burned-in” prior to matching and their performance is guaranteed.

The small tube in the Headphone amp is a 12AX7 and should only be replaced with a 12AX7. Other tubes should not be used.

SPECIAL FEATURES

The Quicksilver Headphone Amp uses no circuit boards or transistors. It is hand-wired, uses gold-plated input jacks, and has very high-performance output transformers running in single-ended class A mode.

NOTE: THERE IS A LOCATING DIAGRAM ON THE BOTTOM OF THE AMPLIFIER.

Headphone Amplifier Specifications

Power Output	2 watts into 25 to 300 ohms
Power Bandwidth	13 Hz to 50 KHz
Peak Power	4 watts
Input Sensitivity	1 volt
Input Impedance	100 K ohms
Output Impedance	2.2 ohms
Polarity	non-inverting
Tube Complement	2 -EL84s 2 -12AX7s
Chassis	Carbide black
Dimensions	7" x 12" x 5 1/2"
Weight	16 lbs,
Warranty	3 years parts and labor 90 days tubes

WARRANTY

Quicksilver Audio warranties your new Headphone Amplifier for a period of 3 years from the date of purchase (90 days on tubes.) Parts and labor are provided free of charge as long as the failure was not caused by misuse, accident or negligence. Shipping to the factory is not included. Retain your packing carton in case a unit needs to be returned for service.

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