

Quicksilver Audio Phono Stage Preamplifier

Operating Instructions

Thank you for purchasing a Quicksilver Audio Phono Stage Preamplifier. Simplicity, reliability, and superb sound at a reasonable price are what this product is all about. Enjoy!

The preamplifier should *not* be left on all the time. It should be turned off at least once a day.

FUSE

Never use larger than a 0.5 amp fast-blo fuse. If the fuse continually blows, the preamp should be returned to Quicksilver for servicing.

NOISE

A small amount of hiss from the phono preamp is normal. If excessive noise is noticed in one channel, then a tube may be noisy. Try replacing the 6922 first. If this makes no difference, then replace the 12AX7.

TUBES

We can only guarantee the performance of this unit when used with the curve-traced and matched tubes supplied by Quicksilver. The tubes should last several years or many thousands of hours. Replacement tubes should be purchased through Quicksilver Audio or a Quicksilver dealer.

INTERCONNECT CABLES

Because of the high output impedance of the phono preamp, very short cables are recommended between the Phono Preamp and the Line Preamp. Unshielded or long cables will seriously degrade performance.

HIGH FILTER

This filter works only at very high frequencies. The attenuation at 20 KHz is 6 db, but at 5 KHz is only 1 db. It is designed to smooth out the rising highs that many moving coil cartridges have, but can also be used for records with boosted high frequencies.

STEP-UP TRANSFORMER

For low output cartridges less than 0.5 millivolt output we recommend the Quicksilver Moving Coil step-up transformer option. This will reduce background noise and improve dynamic range.

This preamplifier is not phase inverting.

PHONO STAGE SPECIFICATIONS

Bandwidth	Within +/- 0.25 db of RIAA 20 Hz to 20 KHz
Gain	44 db at 1 KHz 67 db with Moving Coil option
Input Impedance	47 Kohm, 20 Hz - 20 KHz 240 ohm with Moving Coil option
Output Impedance	3 Kohm, 20 Hz - 20 KHz
Maximum Input	1500 mv RMS, 20 Hz - 20 KHz 100 mv RMS with Moving Coil option
Maximum Output	50 volts RMS, 20 Hz - 20 KHz
Tube Complement	1 - 12AX7, 1- 6DJ8 / 6922
Dimensions Front Panel	15"L x 9 1/2"W x 3"H 17" x 3 1/4"
Weight	12 lbs

WARRANTY

Quicksilver Audio warranties your new Phono Preamplifier for a period of three 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 the unit needs to be returned for service.

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