

INSTRUCTIONS

FOR

STEREO PRE-AMPLIFIER

The Stereo Pre-Amplifier can be used with any Hi-Fi power amplifier not incorporating low level input for magnetic cartridges or tape heads. STEREO Pre-Amplifier, attached to your power amplifier, can be used with any magnetic cartridge, tape or low level microphone.

The RIAA equalization is automatically provided in most types of magnetic cartridges. The necessary 1600 cps turnover for the tape head is also available by a switch system.

INSTALLATION

The Pre-Amplifier should be mounted on the amplifier or as near to it as possible. The two mounting holes in the corners can be utilized for the above purpose.

- 1: Connect output leads from the pre-amplifier to the input jacks (Crystal or Ceramic Jack) of your amplifier. Make sure L(Left) and R(Right) leads are connected to the L and R input jacks of the amplifier.
- 2: High frequency equalization is obtained by making use of a suitable load resistance in the input circuit as follows:

(a) GE VR cartridge	5600 ohms (already installed)
(b) Pickering cartridge	3900 ohms

When using a cartridge that does not have a load resistance of 5600 ohms, remove the 5600 ohm resistor from the phonograph input jack and replace it with a resistor recommended by the same cartridge manufacturer. A 3900 ohm resistor is not included with this pre-amplifier. The chassis can easily be opened by removing the large bottom screw for this purpose.

- 3: Connect the power plug to power line on the amplifier chassis when available. If not available, plug it into wall outlet; however, be sure to disconnect when the pre-amplifier is not in use.

FOR USE AS A MICROPHONE PRE-AMPLIFIER

The Pre-Amplifier can be used as a pre-amplifier for a low level microphone when combined with an amplifier. For use as a microphone pre-amplifier, changes must be made as follows:

- 1: Open chassis by removing screw from bottom. Remove the jumper (coded red) located on the large terminal strip.
- 2: If gain is too high after removing jumper, replace jumper and short the 0.001 mfd. condenser.

CONNECTION:

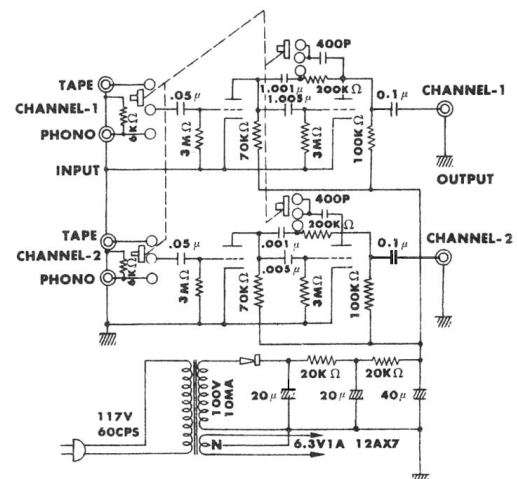
Connect the microphone output to the tape input receptacle and switch on "TAPE". Connect the output lead to the amplifier input. The same precaution must be taken for the power supply when used as a phono or tape pre-amplifier as shown under "INSTALLATION" paragraph 3.

SPECIFICATIONS

Frequency Response:	30 to 20,000 cps. uniform within 2db
Gain:	Phono 40 db. 5mV input for 1.2V output. Tape 60 db. 1mV input for 1V output.
Equalization:	Phono RIAA TAPE 1600 cps. turnover
Output Impedance:	100,000 ohm or higher. Connection to be made to any amplifier with 100,000 ohm or higher input impedance
Power supply:	105-125V AC 50/60 cps.
Tubes:	12AX7 x 2

Printed in Japan

SCHEMATIC DIAGRAM



SCHEMATIC DIAGRAM

