

SOLID STATE STEREO PRE-AMPLIFIER

42-2930

This pre-amplifier is designed to adapt a magnetic cartridge to any high level input such as the crystal or ceramic cartridge inputs on a console or stereo amplifier. The use of a magnetic cartridge will upgrade any music system.

INSTALLATION

2 wood screws are supplied to mount the pre-amplifier inside a console or on the back of a record changer base.

WIRING

1. Connect the shielded cables from the record changer to the "L" and "R" INPUT jacks on the pre-amplifier.

2. Connect shielded cables from the "L" and "R" OUTPUT jacks on the pre-amplifier to the high level inputs on the amplifier. On a stereo amplifier these will be marked either crystal or ceramic (or AUX.). On a console plug the cables in place of the old changer cables. On a tape recorder plug into the line input jacks. On a stereo radio plug into the phono jacks.

All cables should be as short as possible. Use of 2 Realistic cables 42-2365 18" long is recommended for the output cables.

3. Plug the line cord into any 117 VAC outlet. As the power drain of the pre-amplifier is very low it may be left on continuously. The solid state circuitry will in fact last indefinitely if always left on.

You should remove the AC cord if you do not intend to use the changer for a long period of time.

4. If your changer is equipped with a ground lead, do not connect it to the pre-amplifier but connect it directly to the amplifier metal chassis. This will eliminate any hum that might develop.

SPECIFICATIONS

Input Impedance :	50,000 ohms
Maximum Input :	30 mV
Maximum Output :	1.8 V
Gain :	10 mV input gives .5 V output
Frequency Response :	30 to 20,000 hz RIAA curve
S/N Ratio :	Over 60 db
Power Requirements :	117 V, 50/60 hz, .1 Watt

HOOK-UP DIAGRAM

