

Received 5/30/90

Vendetta Research 1-510 -

Suite #16

2031 Rumrill Blvd.

San Pablo, CA 94806 Ph. # 1-415 - 5515

### CARTRIDGE LOADING ADJUSTMENT FOR THE VENDETTA SCP-2B PHONO PREAMPLIFIER

The input stage is user adjustable up to 47K ohms or to any other resistance recommended by the cartridge manufacturer. However, most MC cartridges will work best into the 10 to 200 ohm load range. To adjust the loading in this range, remove the top covers using a small screwdriver and locate the blue potentiometer on the input board--the one connected to the input lead.

The minimum setting (seven o'clock---fully counterclockwise) of this adjustment corresponds to a 10 ohm load. A nine o'clock setting will yield approximately 30 ohms, ten-thirty is approximately 60 ohms and a twelve o'clock setting yields approximately 100 ohms. Loading can be adjusted during play. Use the setting that gives the best overall tonal balance and clarity. Removing the 10 ohm resistor at the input will give an input resistance of 47K ohms for MC cartridges that require it. Alternatively, a resistor of any value can be inserted in place of the 10 ohm resistor to have any input loading to 47K ohms. The white calibration dots will help you find a repeatable setting. To measure the load value precisely, use a digital VOM with the negative probe on the ground post and the positive probe on the RCA input jack (center of the jack), after removing the tone arm cable RCA jack from the input. You can measure the load value directly and adjust the pot to the value recommended by the cartridge manufacturer.

Some MC cartridges sound best when loaded with less than 10 ohms. Unfortunately, if loading were accomplished in the usual manner as described above, output would be reduced and the signal-to-noise ratio would be degraded. To avoid loss of cartridge output, an alternate method of input loading has been provided. A small amount of negative feedback can be added by moving a jumper wire located near the cartridge loading potentiometer. The gold jumper wire must be inserted between the middle pin and the upper pin to add feedback. This is not recommended, unless it is necessary to heavily damp the phono cartridge at high frequencies.

Note: Do not use a High output MC with this preamplifier.

Factory SET FOR 50-Ω