

## **Connection Details for upgrading a Quad 303 amplifier with a NET Audio PSU board.**

Unplug all wires from the amplifier front panel and leave the amplifier for one minute.

Remove the four screws under the base plate and remove the base plate itself.

To make sure there is no residual charge in the power supply components do the following:-

On the rear of the board, place the discharge resistor across pin 1 (12\*) (red\*\*) and pin 2 (13\*) (brown\*\*) making sure not to touch any other PCB tracks. These are the tracks leading from the large capacitor next to the heat sink at the end of the PCB. Leave for at least 10 seconds. Place the resistor across pin 1 (12\*) (red\*\*) and pin 4 (15\*) (blue\*\*). Leave for ten seconds. These are the wire connections furthest apart on the PCB, not the tracks.

Carefully unclip the original Quad PSU board and remove. Mark down the colours of the wires and on a piece of paper in the order in which they are soldered to the PCB.

Carefully desolder the four wires.

Carefully solder the wires onto the NET Audio PCB pins in the same order as they were on the original Quad PCB and make sure there are no short circuits or solder splashes.

Clip the PCB into place.

Connect the mains power.

If possible carefully place a voltmeter across pins red and brown on the back of the NET Audio PCB. It should read 67V +/- 0.1V and will be factory set within these limits before despatch.

Disconnect the mains power.

Reconnect the amplifier to your Hi-Fi.

Happy listening!

\* = Some Quad PCBs have the wire numbers written on.

\*\*= Equivalent pins on NET Audio PCB.