



## TL604 ADAPTER KIT (PART NUMBER 96500078)

### Supplied Parts List:

|   |                     |          |
|---|---------------------|----------|
| 1 | Adapter board       | 98852620 |
| 1 | DG 211              | 70420211 |
| 2 | 10k ¼ watt          | 70240025 |
| 1 | 4.7k ¼ watt         | 70240023 |
| 1 | 1N751A 5.1v zener   | 70400751 |
| 2 | 4-pin headers       | 73717025 |
| 2 | 4-conductor ribbons | 70600034 |
| 1 | Wire jumper         | 70600005 |

### You will also need:

Soldering iron, solder and a bit of installation "ingenuity."

The TL604 dual analog switch is obsolete and no longer available. Please note that this adapter kit will effectively replace the 604 and provide the same functions required in Peavey products. The only drawback, of course, is the size of the board versus the original part. This kit is supplied with headers and ribbon cables to provide two types of mounting schemes: the 4-pin headers will allow the board to be simply plugged into the existing TL604 socket if space in the particular application permits. The 4-conductor ribbons will allow the board to be "remote mounted" if the unit has limited access space. This type of mounting may require a bit of "rigging" to ensure the board will not short to adjacent circuitry.

### Assembly:

First, determine which mounting scheme you will require. Populate the board as per the enclosed layout. Note that pin **one** of the board is marked on the trace side of the board. If the 4-pin headers will work, insert the short side of the pins through the board from the component side and solder them into place. The board will simply plug into the vacant 604 socket with the component side of the board facing down. If the four-conductor ribbons are required, again insert them from the component side. Note the length of the ribbons will allow you to *bend* the board around so it will clear any obstructions. The free ends of the ribbons should be inserted into the vacant 604 socket and **soldered** into place. **Be sure to note the orientation of pin one!!!!** Be careful the adapter board does not short against existing circuitry – this is where the *ingenuity* may come in handy.

**Note:** If you are working with a unit that has more than one 604, you can pick the most convenient location for the adapter board by shuffling the good 604s around with the new replacement. Also, if you are using the 4-pin headers, be aware that once you insert the thick header pins into the empty 604 socket, it will no longer accept the thinner 604 I.C. legs – so be sure of the location you are planning to use.