## GULBRANSEN MODEL K RIALTO-1

Two-stage Pre-Amplifier and Line Amplifier

Adjustments and component identification

An arbitrary component-numbering system is applied to allow matching components on the drawings with the respective components on the layout photos.

## Two-stage Pre-amp

There are eight potentiometers for setting the bias of each channel. Insert a sine-wave signal to a stage, and set the bias so that, as the applied signal level is increased, clipping occurs on both the positive peaks and the negative peaks at the same time. This is, in effect, a "symmetry" setting.

## Line Amplifier

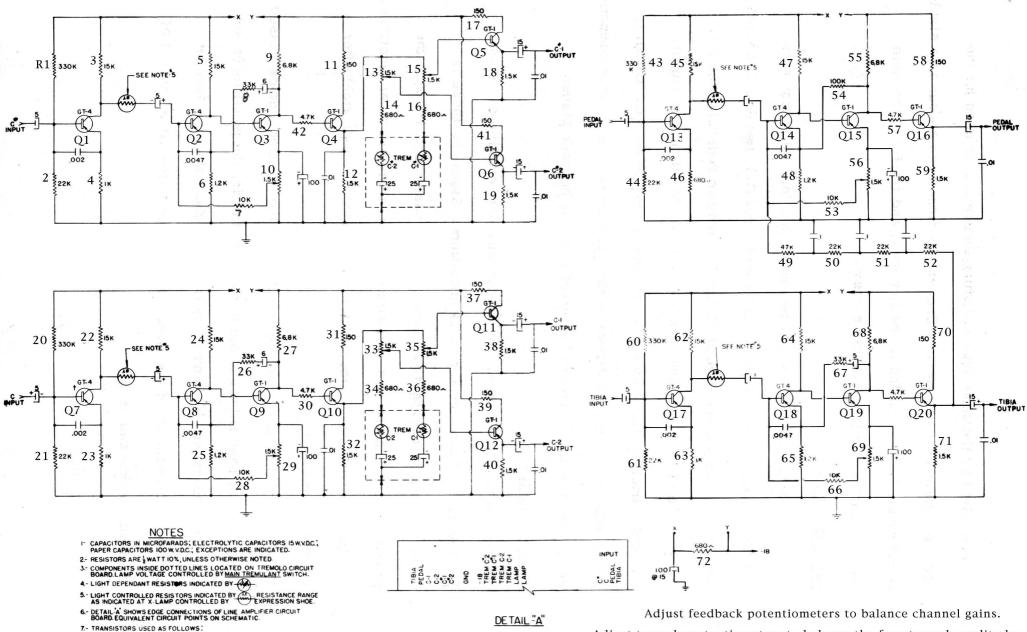
There are two kinds of adjustments here:

The feedback potentiometers set the channel gains.

The tremulo potentiometers set the modulation amplitudes.

A. - GT-4, SELECTED LOW NOISE. B.- GT-1; PEDAL GRADE TRANSISTORS.

C - MATCHED LOW NOISE GT 4 INDICATED BY TINPUT IMPEDANCE).



Adjust tremulo potentiometers to balance the four tremulo amlitudes.

