SCOTT 210-A

The screwdriver adjustments are made with the cover off. (On the back of the Amplifier) is not at the factory at approx. sensitivity for operation with the particular general. Resistors: variable resistance potentiometer, and the setting of this control should not be altered except as directed below. The output from any output is plugged directly to the Amplifier as shown. Electrolytic capacitor is used on all other resistors. The proper operation of the Amplifier model 210-A is dependent on this input level adjustment. It should be set once, and then the output volume should be controlled only by the VOLUME control on the front panel.

SETTING THE LEVEL MATCHER

Connect a 20,000 ohm-per-volt meter (with a 500 or 300 unit range) from the plate (pin 8) of the 6807 (E1) to the rear corner of the chassis to ground.

Start the amplifier and set the LEVEL MATCHER control (E6A) to the left end of the meter range (0). Increase the output of the amplifier by turning the VOLUME control to the right until the meter reads 0.5V. (This is for the 2000 ohm range on the Colpitts.)

This level control should be set so that the meter readings agree "on the average" with the source voltage for all positions of the range switch. (In the Hi-Fi position, the meter should read well over 0.5, with or without any input signal.)

On the Amplifier chassis are two screwdriver nut adjustments. These are not at the factory for alignment with the original chassis in the amplifier. When new tubes are installed, or if new becomes unadjustable for any reason, these should be rematched. The two cork switches on the back, with the VOLUME control off (power meter out). Both controls on FULL, null meter on 30 k, then the VOLUME control is turned on FULL, and the matched and adjustment bond. If the null persists, the fault is often due to the 6807 or the 6687.