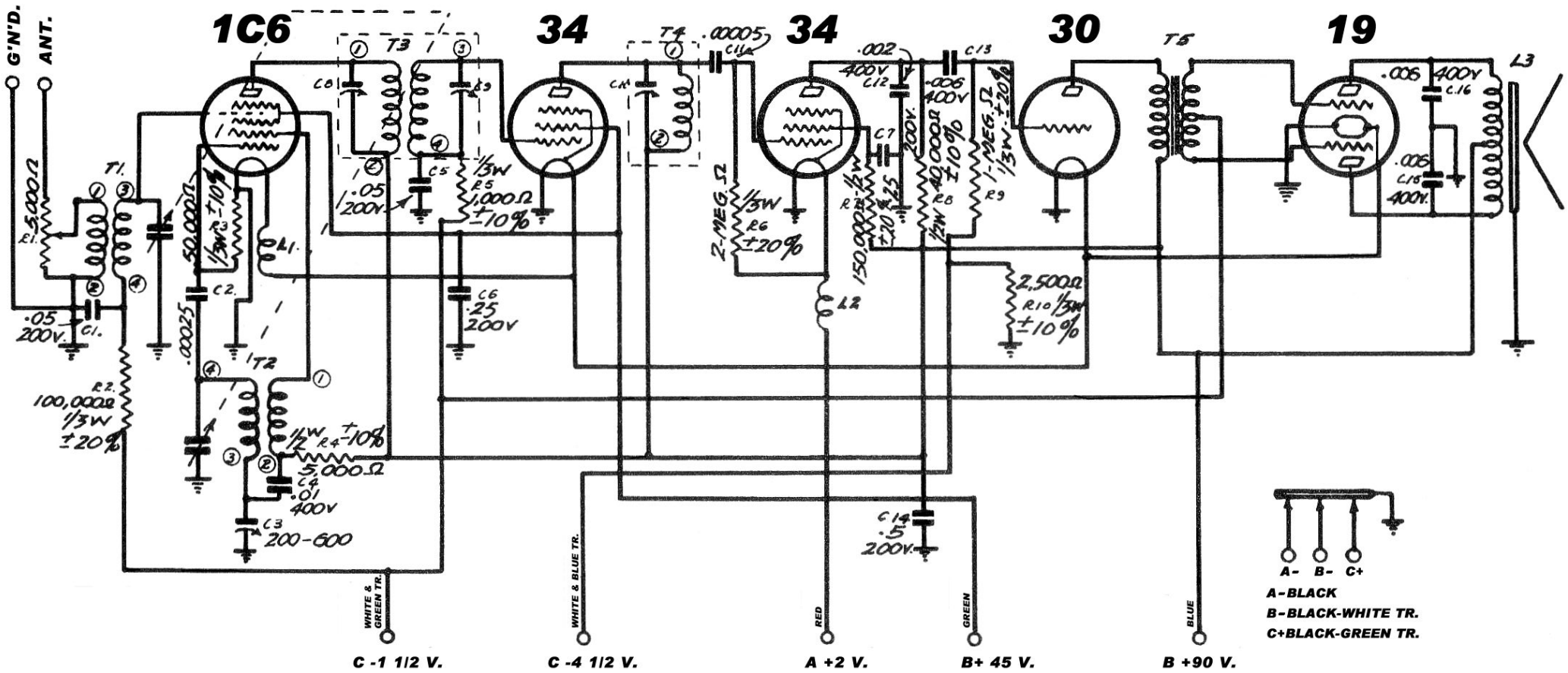

Phonola -

Electrohome Series 5B50

Electrohome Series 5B50

Battery Operated Radio Alignment Information

I. F. ALIGNMENT

Use a non-metallic screw driver to make the adjustments.

Adjust signal generator for 456 K.C. and apply output of signal generator through a .1 condenser to the control grid of the 1C6 tube. The ground lead of the signal generator is to be tied to the chassis base ground point.

Place the selector band switch on "B" band, and volume and tone control at maximum clockwise position.

Attenuate the signal from the signal generator to a point where it is audible and at about half scale deflection on the output meter.

Adjust the I.F. trimmers located at the top of the I.F. cans until maximum output is obtained.

"B" BAND ADJUSTMENT

The output of the signal generator is applied to the antenna post of the receiver through a .00025 condenser for adjustments of the Broadcast band.

Set the signal generator for 1500 K.C. Set the gang rotor and pointer at 1500 K.C. on the dial and adjust the oscillator trimmer (located on top of 3rd. section of the gang) for maximum output at this setting.

Adjust Preselector and antenna trimmers (located on top of the 1st two sections of the gang) for maximum output.

Now set the signal generator for 600 K.C. and turn the receiver gang until the pointer rests at 600 K.C. Slowly rock the gang back and forward across 600 K.C. and at the same time adjust the 600 K.C. padder to maximum output.

VOLTAGES AT SOCKETS

All voltage readings must be taken at the sockets with a 1000 ohm per volt. voltmeter, and by following the circuit wiring as indicated in the schematic, great care must be observed so as not to cause a short circuit between filaments and plate supply, as this would either burn out the tubes or else paralyze them so that they would be useless.

The "C" voltage is so small that it can only be read at the batteries themselves. Always replace the "C" batteries when new "B"s are replaced.