

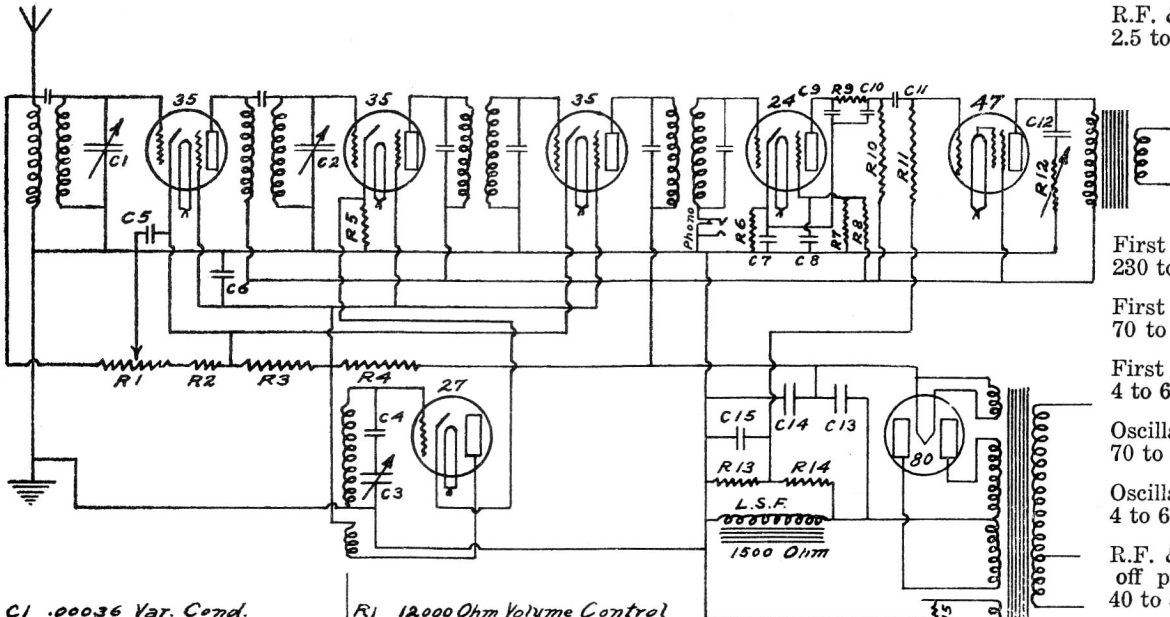
**Model 60 Superheterodyne  
Circuit Diagrams**

- C1 .00036 Var. Cond.
- C2 .00036 Var. Cond.
- C3 .00036 Var. Cond.
- C4 .1 MF 200V. Cond.
- C5 .1 MF 200V. Cond.
- C6 .1 MF 200V. Cond.
- C7 .5 MF 200V. Cond.
- C8 .1 MF 200V. Cond.
- C9 .00025 Cond.
- C10 .0001 Cond.
- C11 .05 MF 400V. Cond.
- C12 .1 MF 400V. Cond.
- C13 8 MF 450V. Cond.
- C14 8 MF 450V. Cond.
- C15 .001 Cond. + - 3%
- C16 .006 MF 400V. Cond.

- R1 20,000 Ohm Volume Control With R2 200 Ohm Fixed Bias
- R3 25,000 Ohm 1 Watt
- RA 20,000 Ohm 2 Watt
- R5 1000 Ohm .5 Watt
- R6 1500 Ohm .5 Watt
- R7 50,000 Ohm .5 Watt
- R8 .5 Meg. .5 Watt
- R9 1. Meg. .5 Watt
- R10 150,000 Ohm .5 Watt
- R11 .5 Meg. 1 Watt
- R12 .5 Meg. 1 Watt
- R13 20,000 Ohm Tone Control
- R14 200,000 Ohm .5 Watt
- R15 1. Meg. .5 Watt
- R16 20 Ohm Center Tapped Res.

I.F. 175 Kc

- 247 Plate to ground 230 to 245 volts
- 247 Screen to ground 230 to 250 volts
- 247 Bias grid to ground 6 to 8 volts
- Second Det. Plate to ground 35 to 45 volts
- Second Det. screen to ground 30 to 40 volts
- Second Det. Bias—Cathode to gnd 7 to 9 volts
- R.F. & I.F. Plate to ground 230 to 250 volts
- R.F. & I.F. Screen to ground 70 to 80 volts
- R.F. & I.F. Bias—Cathode to gnd 2.5 to 3.5 volts



- C1 .00036 Var. Cond.
- C2 .00036 Var. Cond.
- C3 .00036 Var. Cond.
- C4 .001 Cond. + - 3%
- C5 .1 MF 200V. Cond.
- C6 .1 MF 200V. Cond.
- C7 .5 MF 200V. Cond.
- C8 .1 MF 200V. Cond.
- C9 .00025 Cond.
- C10 .00025 Cond.
- C11 .006 MF 400V. Cond.
- C12 .05 MF 400V. Cond.
- C13 8 MF 450V. Cond.
- C14 8 MF 450V. Cond.
- C15 .1 MF 400V. Cond.

- R1 12,000 Ohm Volume Control With R2 200 Ohm Fixed Bias
- R3 25,000 Ohm 1 Watt
- R4 20,000 Ohm 2 Watt
- R5 700 Ohm 1 Watt
- R6 50,000 Ohm .5 Watt
- R7 .5 Meg. .5 Watt
- R8 1. Meg. .5 Watt
- R9 150,000 Ohm .5 Watt
- R10 .5 Meg. 1 Watt
- R11 .5 Meg. 1 Watt
- R12 20,000 Ohm Tone Control
- R13 200,000 Ohm .5 Watt
- R14 1. Meg. .5 Watt
- R15 20 Ohm C.T. Resistor

- First Det. Plate to ground 230 to 250 volts
- First Det. Screen to ground 70 to 80 volts
- First Det. Bias—Cathode to gnd 4 to 6 volts
- Oscillator Plate to ground 70 to 80 volts
- Oscillator Bias—Cathode to gnd 4 to 6 volts
- R.F. & I.F. Bias with volume in off position 40 to 50 volts
- Filament for all 2.5 volt tubes 2.4 to 2.6 volts
- Filament of 280 tube 4.8 to 5 volts
- Voltage across speaker field 80 to 90 volts

**VOLTAGE TESTS**

All voltages given were tested on a 250 volt scale of 1000 ohms per volt meter.

All voltage tests were made with volume on full, and tone control in off position, no signal in receiver, line voltage 115 volts with A. C. line connected to tap of transformer as shipped from factory.

All Cond. + - 10 % Unless Otherwise Specified