

Crosley Corp.

Model: 173

Chassis:

Year: Pre March 1934

Power:

Circuit:

IF:

Tubes:

Bands:

Resources

Riders Volume 4 - CROSLEY 4-17

CROSLY RADIO CORP.

MODEL 173,173-5
Schematic
Voltage

Models 173 and 173-5

Specifications

Models 173 and 173-5 are six tube dual band superheterodynes. Model 173 is designed for operation from 110 volts D.C. or 60 cycle A.C. Model 173-5 is designed for operation on 110 volts D.C. or 25 to 60 cycle A.C. The circuits of the two sets are similar except for the filter system. In Model 173-5, choke G6-28069 is substituted for choke G3-24628 used in the 173, and the condenser W-27216 is omitted. These models can be used with Model 38 power pack and remote speaker 390-6. The intermediate frequency

is 456 Kc.

Tubes and Voltages

The following are the tubes and voltages measured with the receiver in operating condition, but with no signal to the antenna circuit, and with a line voltage of 117.5 volts, 60 cycle A.C. All voltages, except filament, are measured with a 300 volt D.C. voltmeter (1000 ohms per volt) from tube contact to frame of condenser gang. Filament voltages are measured with a low range A.C. or D.C. meter (depending on supply).

| Tube | Position | Plate | Screen Grid | Cathode | Suppressor Grid | Filament |
|------|------------------------------|-------|-------------|---------|-----------------|----------|
| 78 | R. F. Amplifier | 112 | 112 | 4 | 0 | 6.3 |
| 78 | Oscillator Modulator | 112 | 112 | 20 | 0 | 6.3 |
| 6B7 | I. F. Amplifier and Detector | 112 | 112 | 4 | | 6.3 |
| 78 | A. F. Amplifier | 7.5 | 12.5 | 4 | 4 | 6.3 |
| 43 | Output | 101 | 112 | 16.5 | | 25 |
| 25Z5 | Rectifier | | | 125 | | 25 |

Voltage limits are plus or minus 10% of values given.
 D. C. voltages are 10% less than values given.

