

The Crosley Radio Corporation, Cincinnati, Ohio

## Model 171

### Specifications

Model 171 is a twelve tube dual band superheterodyne designed for operation from A.C. electric circuits. The intermediate frequency is 181.5 Kc.

### Voltages and Tube Limits

The following are the tubes and voltages measured with the receiver in operating con-

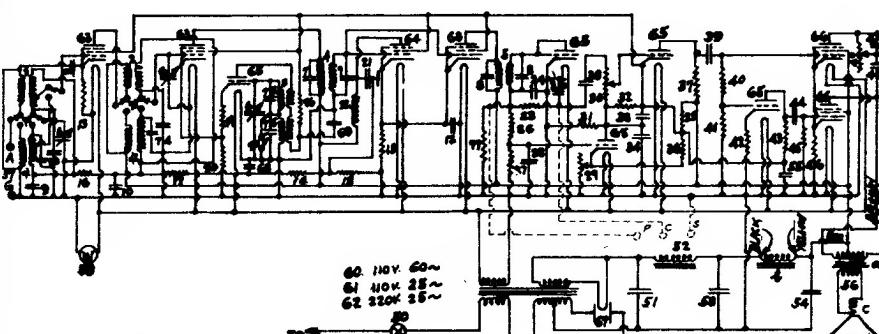
dition but with no signal to the antenna circuit, and with a line voltage of 117.5 volts (235 volts for 220 volt receivers). All voltages, except filament are measured with a 500 volt D.C. voltmeter (1000 ohms per volt) from tube contact to chassis. Filament voltages are measured with a low range A.C. voltmeter.

Tube	Position	Plate	Screen Grid	Cathode	Suppressor Grid	Filament
58	R. F. Amplifier	267	115	3.0	3.0	2.5
56	Oscillator	60		7.0		2.5
58	Modulator	267	115	5.5	5.5	2.5
58	I. F. Amplifier	267	115	4.5	4.5	2.5
2B7	A. V. C. Tube	267	115	4.5	4.5	2.5
56	QAVC Tube	70		0-20.0*		2.5
56	Detector	0		0		2.5
56	Phase Shifter	58		2.5		2.5
56	A. F. Amplifier	170		115		2.5
2-2A5	Output	260	267	17.5		2.5
80	Rectifier	355				4.9

Voltage limits are plus or minus 10% of values given.

\*Voltage depends on position of "Q" control.

- 1. 6T-2499F. ANT. LOU.F. COIL
- 2. 6T-2499G. R.F. LOU.F. COIL
- 3. 6H-2499G. OSC. COIL
- 4. 6E-2499G. INT. I.F. COIL
- 5. 610-2499G. 1ST. I.F. COIL
- 6. C-2499G. VARIABLE CAP.
- 7. 6H-2499G. 2ND. I.F. COIL
- 8. 6S-2499G. 2ND. I.F. COIL
- 9. W-27204. 0.02 MFD. 200V.
- 10. W-25488. 0.02 MFD. 200V.
- 11. W-25488. 0.1 MFD. 200V.
- 12. W-25488. 0.1 MFD. 200V.
- 13. W-25488. 0.1 MFD.
- 14. 23745. 500,000 u.
- 15. W-25488. 275 u.
- 16. 23745. 500,000 u.
- 17. 23745. 500,000 u.
- 18. 23745. 500,000 u.
- 19. 23745. 500,000 u.
- 20. 23745. 500,000 u.
- 21. W-25488. 0.0005 MFD. 200V.
- 22. W-25488. 0.0005 MFD. 200V.
- 23. 23745. 500,000 u.
- 24. W-26152. 0.00015 MFD. 400V.
- 25. W-26152. 0.00015 MFD. 400V.
- 26. 23745. 5 MFD.
- 27. 23745. 5 MFD.
- 28. W-25488. 0.01 MFD. 200V.
- 29. W-25488. 0.01 MFD. 200V.
- 30. W-25488. 0.01 MFD. 200V.
- 31. 23745. 5 MFD.
- 32. 23745. 100,000 u.
- 33. W-25488. 0.25 MFD. 200V.
- 34. W-25488. 0.25 MFD. 200V.
- 35. W-28471. 150,000 u.
- 36. W-28471. 150,000 u.
- 37. 23745. 150,000 u.
- 38. W-25488. 0.02 MFD. 200V.
- 39. W-25488. 0.02 MFD. 200V.
- 40. 23745. 500,000 u.
- 41. 23745. 500,000 u.
- 42. 23745. 500,000 u.
- 43. 23745. 500,000 u.
- 44. W-23615. 0.05 MFD. 400V.
- 45. 23745. 500,000 u.
- 46. W-22672. 220 u.
- 47. W-25517. 0.00015 MFD. 400V.
- 48. W-25517. 0.00015 MFD. 400V.
- 49. W-25517. 0.00015 MFD. 400V.
- 50. TIME CONTROL
- 51. S.P.S.T. SWITCH
- 52. 610-2499G. 440V.
- 53. 62468. FILTER CHOK.
- 54. 610-2499G. 440V.
- 55. W-20087. 0.05 MFD.
- 56. 23745. 0.50V.
- 57. 23745. 0.50V.
- 58. W-22672. ANT. SW. TUNER
- 59. W-22672. 2-SV. DIAL LIGHT
- 60. 610-2499G. POWER TUBE AMP.
- 61. 610-2499G. POWER TUBE TRIM. 220
- 62. 610-2499G. POWER TUBE 220V.



RECORD OF CHANGES			
6.3	610-2499Z	58 SOCKET	79
64	610-2499Z	2B7 SOCKET	80
65	610-2499Z	6G SOCKET	81
66	610-2499Z	2A5 SOCKET	82
67	610-2499Z	6G SOCKET	83
68	610-2499Z	6G SOCKET	84
69	W-22672	6G P.D.T. SWITCH	85
70	W-22672	6G P.D.T. SWITCH	86
71	610-2499G	ANT. HIGH F. COIL	87
72	610-2499G	R.F. HIGH F. COIL	88
73	W-23615	ANT. TUNING & GND.	89
74	61-23669	S.F. TRANS. TO CARD.	90
75	61-23669	OSC. TRIMMER CARD.	91
76	21476	10,000 u.	92
77	21476	1 MFD.	93
78			94

THE CROSLEY RADIO CORPORATION, CINCINNATI, OHIO  
APPROVED DATE NO. 5-15-52 BY J. B. WILLIS NO. 5-29706