



THE SPARKS-WITHINGTON COMPANY
RADIO AND APPLIANCE DIVISION
 Service Department
 Jackson, Michigan, U. S. A.

SPARTON SUPERHETERODYNE MODEL 5-07PA
 INTERMEDIATE FREQUENCY 456 KC.

- C1A&B VARIABLE CONDENSER PB40406
 C2A&B TRIMMERS ON VARIABLE
 C3 .001 MFD. 400V. PC40GL-102
 C4 1 MFD. 400 V. PC40GL-104
 C5 .05 MFD. 200 V. PC40GK-503
 C6 .05 MFD. 200 V. PC40GK-503
 C7A&B NO.1 I.F. TRIMMERS AB43500-44
 C8A&B NO.2 I.F. TRIMMERS AB43500-55
 C9 270 MMF. MICA MC60G-271
 C10 .01 MFD. 400 V. PC40GL-103
 C11 50 MMF. MICA MC90G-511
 C12 .002 MFD. 400 V. PC40GL-202
 C13 .01 MFD. 400 V. PC40GL-103
 C14 ELECTROLYTIC PA4308
 C15 .05 MFD. 400 V. PC40GL-503

- R1 150,000 OHM 5W. BR12N-154
 R2 22,000 .5W. BR12S-223
 R3 15 MEGOHM .5W. BR12S-158
 R4 2.2 MEGOHM .5W. BR12N-225
 R5 5 MEG. VOL. CONT. & 5W. PA4400-8
 R6 5.8 MEGOHM .5W. BR12S-585
 R7 220,000 OHM .5W. BR12N-224
 R8 470,000 OHM .5W. BR12N-474
 R9 150 OHM .5W. BR12S-151
 R10 1200 OHM 1W. CR12S-122
 R11 47 OHM .5W. BR12S-470
 R12 27 OHM 1W. CR12S-270
 R13 185 OHM 5W. PA4200-6

- L1 NO.1 I.F. COIL ASSEM. AA8800-1
 L2 NO.2 I.F. COIL ASSEM. AA8800-2
 L3 B.C. OSC. COIL ASSEM. AA8797-1
 L4 LOOP ASSEM. AB43506-1

RECEIVER OPERATED ON: A.C.
 Line Voltage: 117 Volts

Position of Volume Control: Full with set tuned to quiet channel.

TUBE	FUNCTION	Voltage of socket prongs to B-. See prong Nos. on schematic.							
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 7	No. 8
12SA7GT	Osc. & Det.	0	0	97.0	97.5	**	0	12.4*	0
12SK7GT	I. F. Amp.	0	24.6*	0	-.5	0	97.5	37.2*	97.0
12SQ7GT	2nd Det. A.V.C., 1st Audio	0	0.5	0	**	0	5.5	24.6*	12.4*
50L6GT	Output	0	112*	131	97	0	117*	66.0*	6.2

NOTE: Voltage readings are for schematic diagram. Allow 15% \pm or - on all measurements. Always use meter scale which will give greatest deflection within scale limits. All DC measurements made with 20,000 ohms per volt voltmeter. All AC voltages made with rectifier type voltmeter.

* Designates A.C. Volts

** Cannot be measured with 20,000 ohms per volt voltmeter.