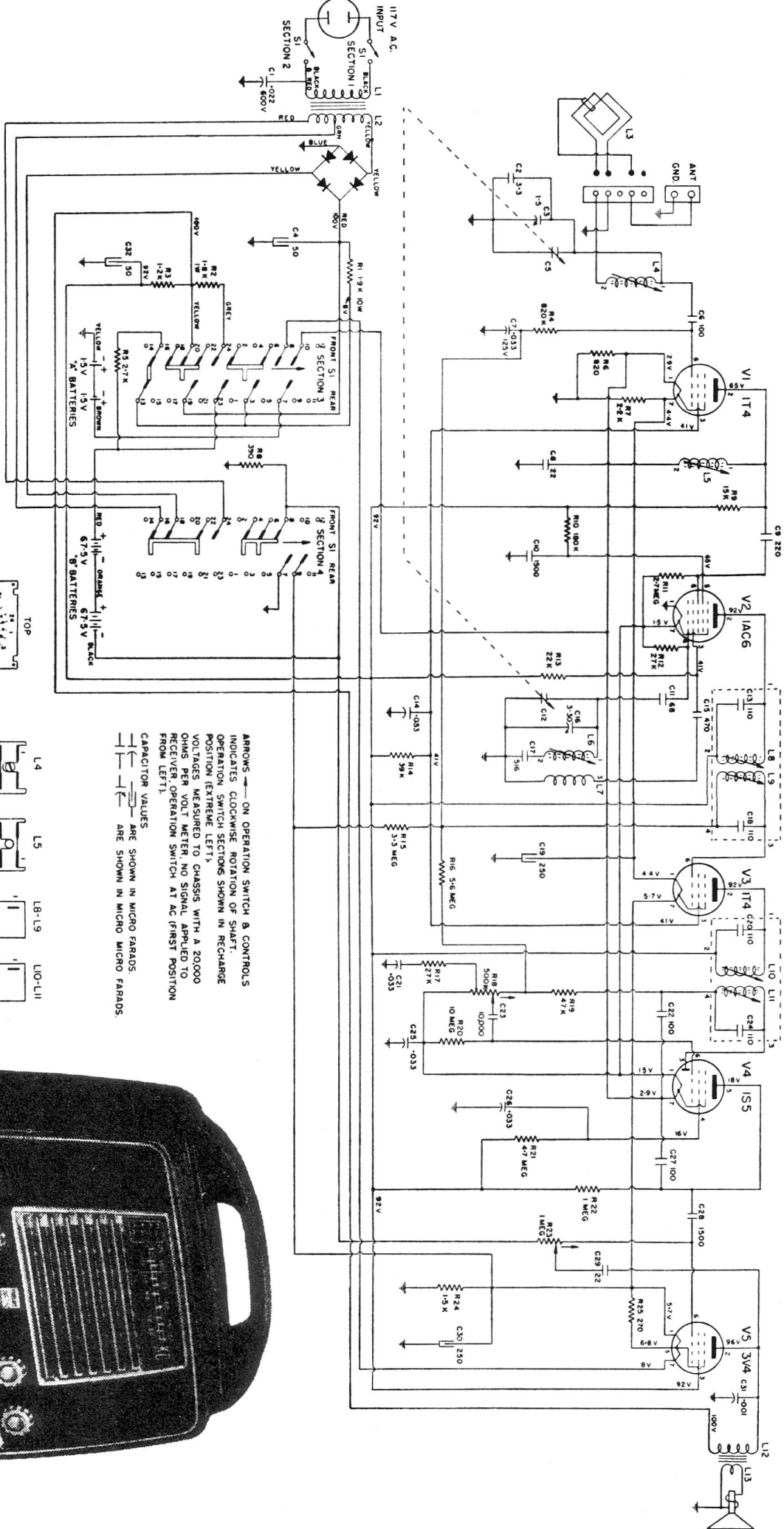
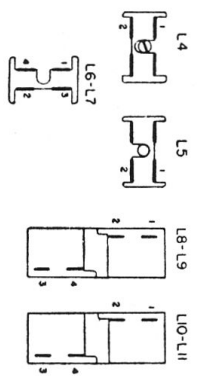
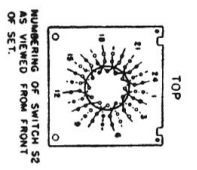


L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	12	13
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		



Rogers Majestic R835 Philips PH402



ARROWS — ON OPERATION SWITCH & CONTROLS INDICATES CLOCKWISE ROTATION OF SHAFT. OPERATION SWITCH SECTIONS SHOWN IN RECHARGE POSITION (EXTREME LEFT). VOLTAGES MEASURED TO CHASSIS WITH A 20,000 OHMS PER VOLT METER. NO SIGNAL APPLIED TO FRONT OPERATOR SWITCH AT AC (FIRST POSITION FROM LEFT).

CAPACITOR VALUES — ARE SHOWN IN MICRO FARADS. — ARE SHOWN IN MICRO MICRO FARADS.



SIGNAL GENERATOR				RECEIVER	
Operation Steps	Output Connections to Receiver	Frequency	Tuning Capacitor	See Notes	Adjust in Stated Order
1	To pin 6 of V3, 1T4 through .05 mf Capacitor	455 kc.	Min.	A	2nd I.F. Transformer L11, L10 for maximum output.
2	To pin 6 of V2 1AC6 through .05 mf Capacitor	455 kc.	Min.	A	1st I.F. Transformer L9, L8 for maximum output
3	To pin 6 of V1 1T4 through .05 mf Capacitor	455 kc.	Min.	A	L5 for minimum output
4	Radiation loop	570 kc.	570 kc.	B C E	Osc. Coil L6, Antenna Correction coil L4 for maximum output
5	Radiation loop	1770 kc.	1770 kc	B D E	Trimmer C16, C3 for maximum output

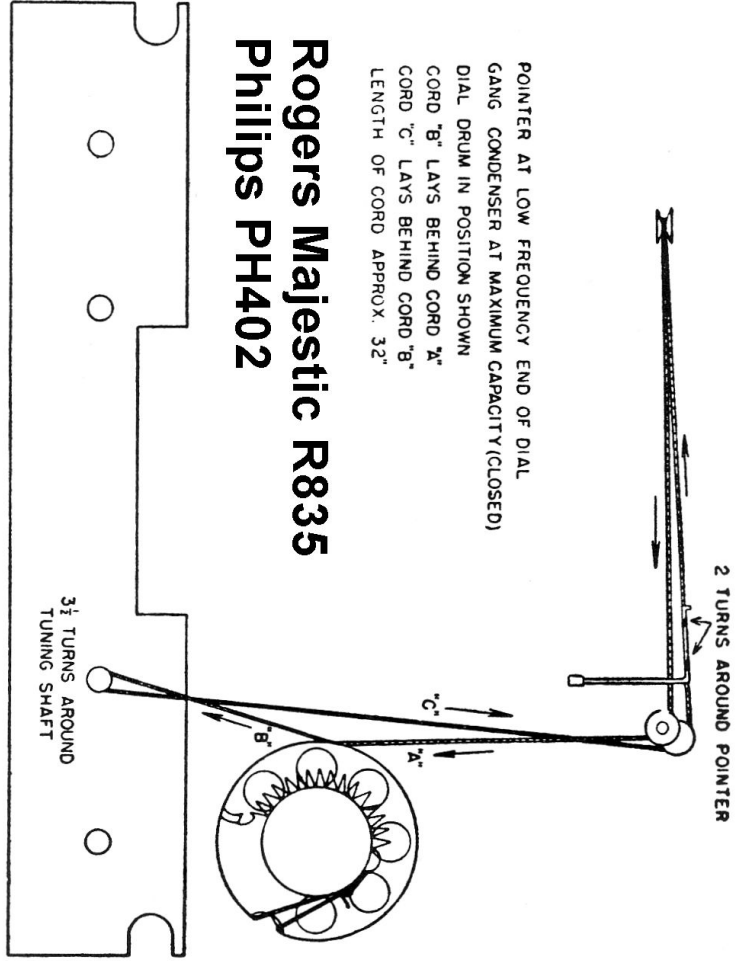
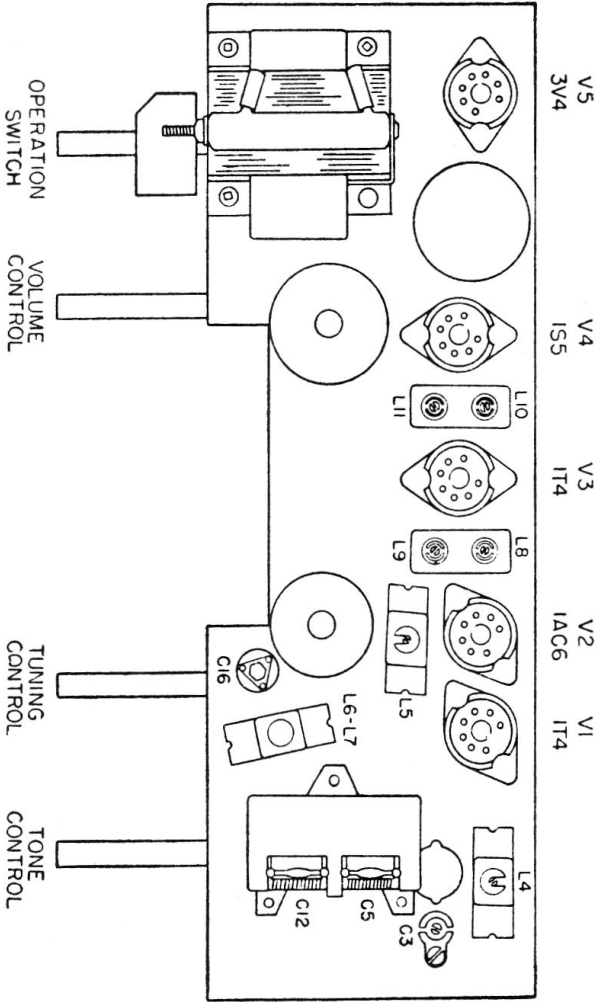
NOTE A — Loop not connected.

NOTE B — Connect output of signal generator to a 5" diameter, 3 turn loop and bring loop close enough to receiver loop to obtain output of 50 milliwatts (.40 volts) on output meter. Minimum distance between loops should never be less than 12 inches.

NOTE C — First screw out C16 7/8 turn from tight.

NOTE D — Repeat 4 and 5 for maximum performance.

NOTE E — Batteries, chassis and loop connected.



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