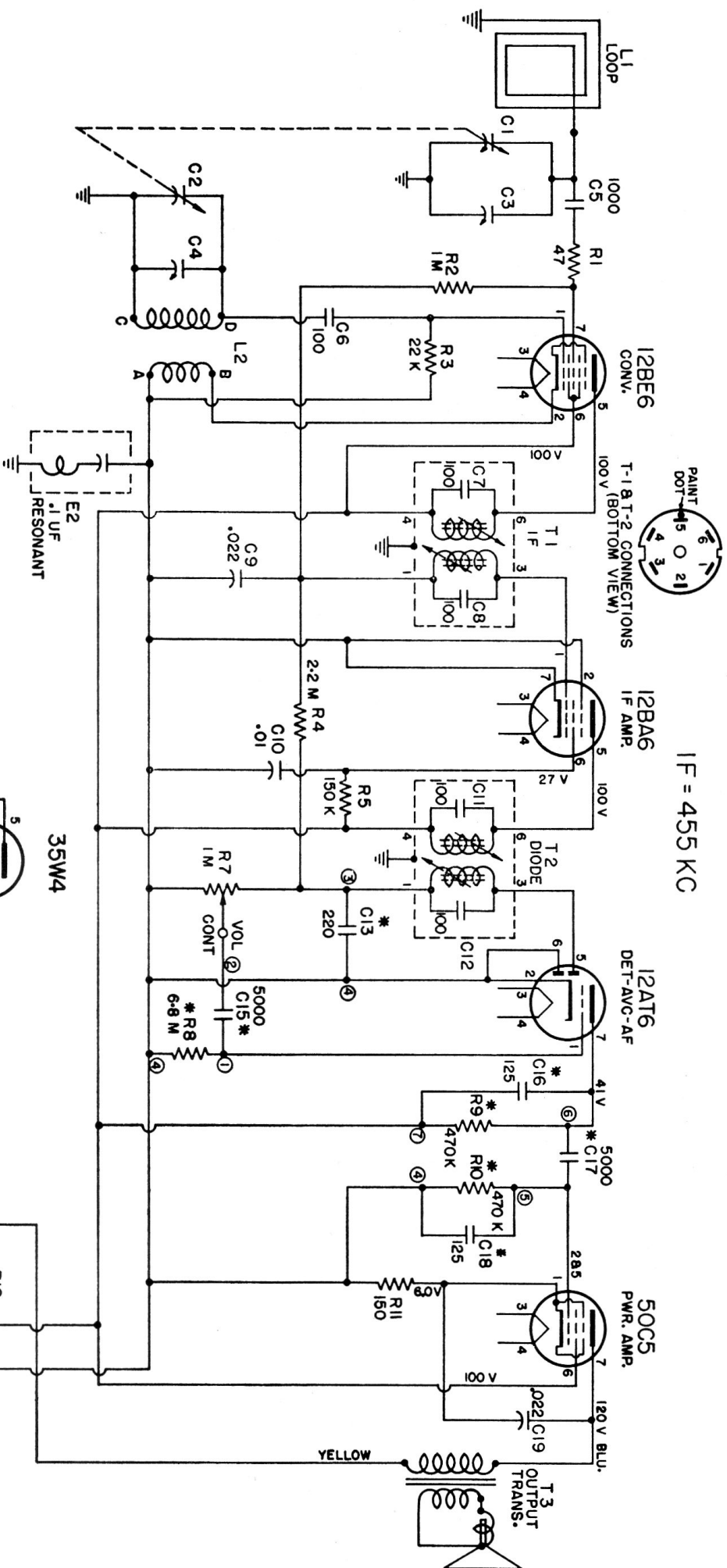
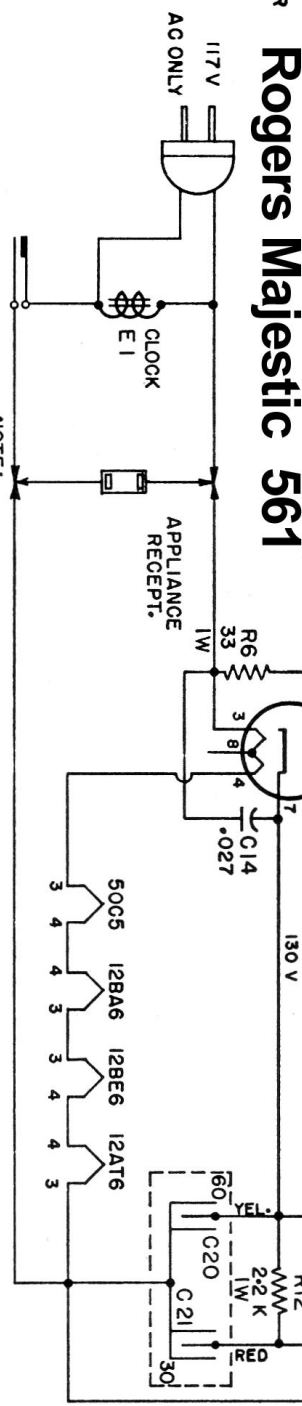
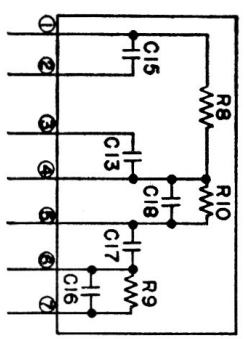


L ₁	L ₂	T ₁	T ₂	T ₃
C	1, 2, 3	4, 5	6	7, 8, 9
R	1, 2	3	4	5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21



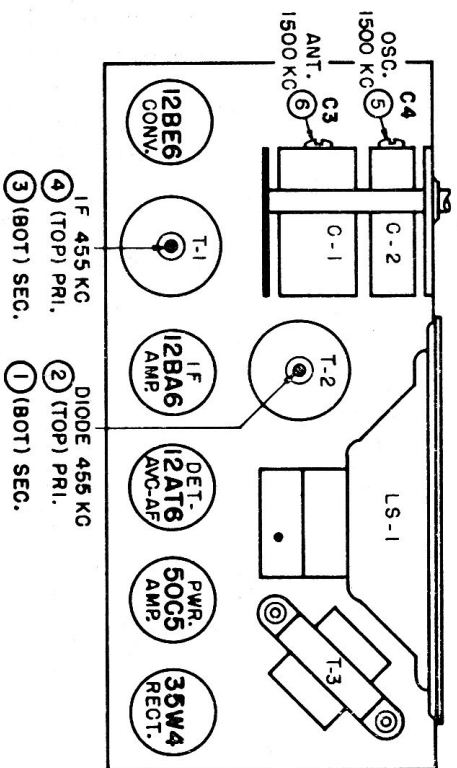
Rogers Majestic 561

* MULTIPLE CAPACITOR-RESISTOR CONNECTIONS



NOTE:-

ALL RESISTORS INDICATED IN OHMS K=1000 OHMS M=1MEG OHM.
 CAPACITOR VALUES: -1, -1, -1, SHOWN IN MICRO-MICRO FARADS -1, -1, SHOWN IN MICRO FARADS.
 VOLTAGE MEASUREMENTS MADE WITH 20,000 OHMS/VOLT VOLTMETER.
 VOLTAGES TAKEN BETWEEN POINT INDICATED AND B-.
 VOLTAGE TOLERANCE ± 10%.
 INPUT VOLTAGE 117 V. AC. NO SIGNAL INPUT. MEASUREMENT MADE WITH GANG FULLY OPEN.



Rogers Majestic 561

ALIGNMENT OF RECEIVER

EQUIPMENT REQUIRED

Signal Generator: Capable of supplying modulated frequencies from 450 kc. to 1620 kc.
Output Indicator: A power output meter or a high resistance a-c voltmeter.
Line Isolating Transformer: A 115 volt, 1 to 1 ratio transformer. (Preferred but not essential.)

ALIGNMENT PROCEDURE AND EQUIPMENT CONNECTIONS

Signal Generator: Allow a sufficient length of time after the generator has been turned on for it to become thermally stable before making any tests.. Always be sure to use the specified capacitor or resistor in series with the signal generator output lead connections as listed on the alignment procedure chart. Connect the return lead of the signal generator to the B— (center shield of 12BA6) of the receiver through a .05 mf condenser. Do not connect a grounded lead to B—.

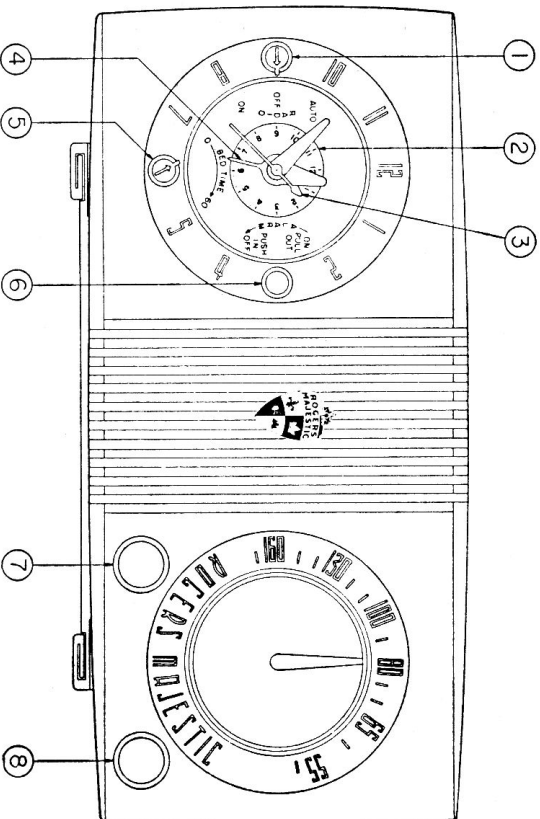
Output Indicator: If a power output meter is used, adjust it for 4 ohms impedance and connect it across the secondary of the output transformer in place of the speaker voice coil. Do not exceed 500 milliwatts output during alignment. If an a-c voltmeter is used connect it across the voice coil with the speaker connected and do not exceed 1.4 volts during alignment. As the reading of the test meter increases with alignment, regulate the signal generator attenuator to keep the output below the above limits.

Receiver: Turn the volume control to the full (or clockwise) position.

ALIGNMENT PROCEDURE CHART

Operation Steps	SIGNAL GENERATOR		RECEIVER	
	Connections to Receiver	Frequency	Tuning Capacitor	Adjust in Stated Order for Maximum Output
1	To pin 1 of 12BA6 through .05 mf capacitor	455 kc.	Minimum	(1) (2) 2nd IF Transformer T2
2	To stator of C1 through .05 mf capacitor	455 kc.	"	(3) (4) 1st IF Transformer T1
3	To stator of C1 through 150,000 ohm resistor	1500 kc.	1500 kc.	(5) (6) Oscillator Trimmer C4 Antenna Trimmer C3 See Note

NOTE Replace the chassis in the cabinet to obtain the 1500 kc. setting of the gang condenser.



1. Radio Off-On and Automatic
2. Alarm Dial Scale
3. Sweep Second Hand
4. Alarm Time Hand
5. Bedtime Control Knob
6. Set Alarm Knob
7. Radio Volume Knob
8. Radio Tuning Knob

