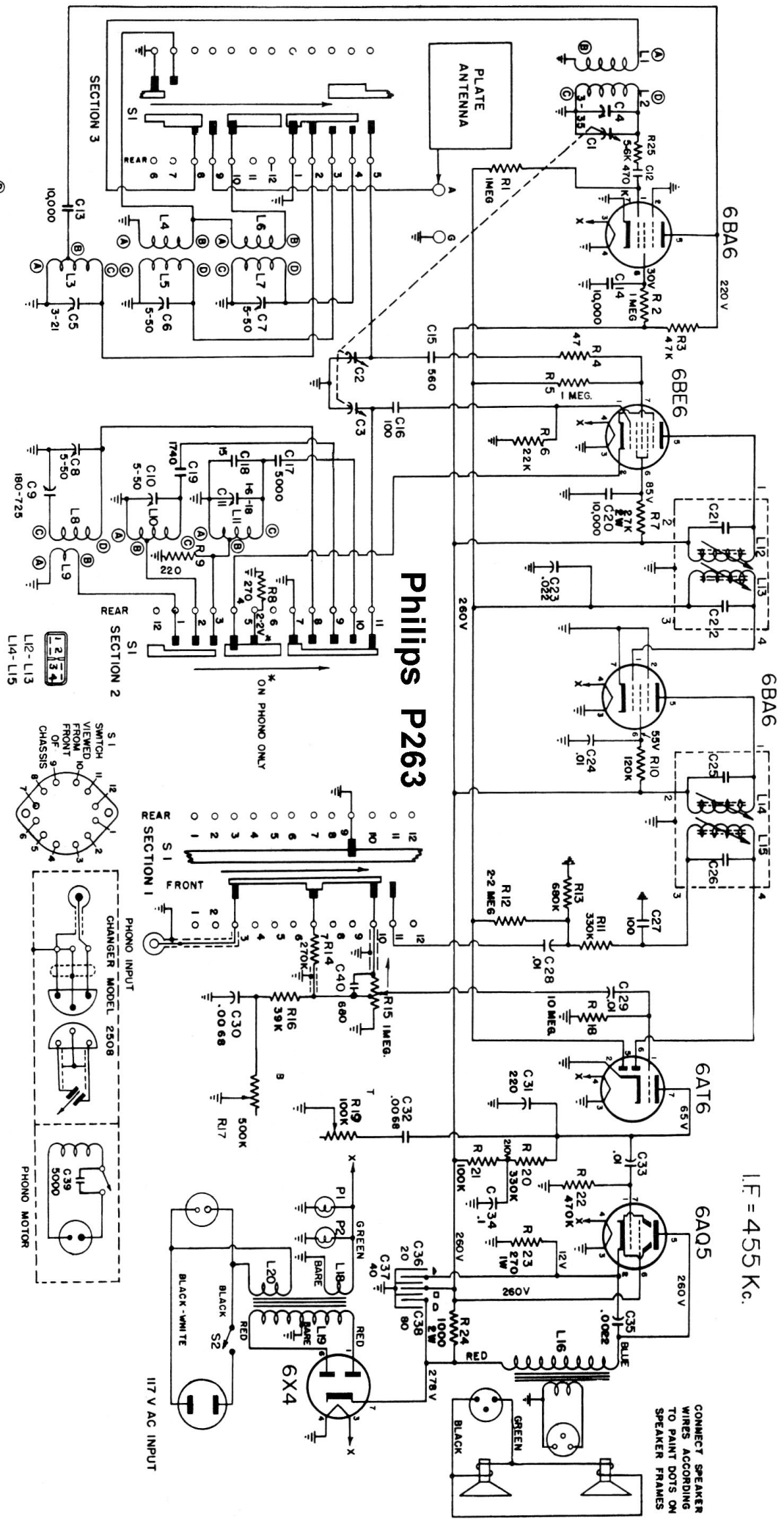


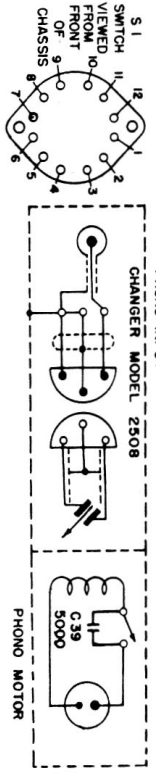
L	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

Philips P263

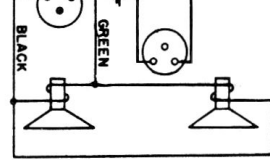
I.F. = 455 Kc.



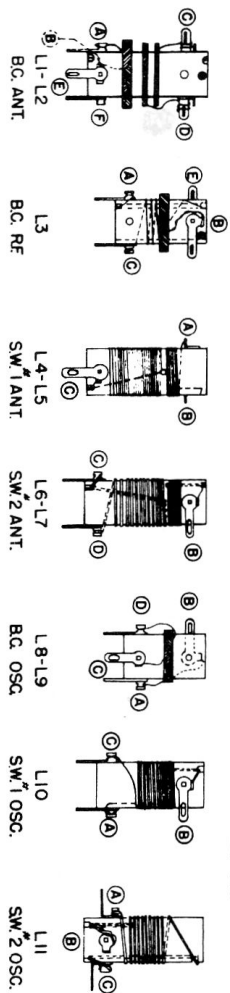
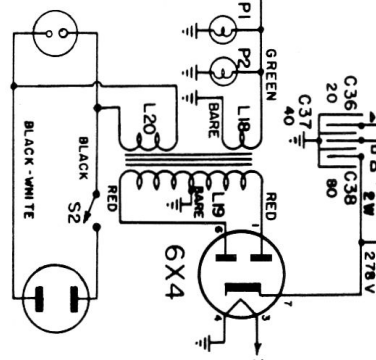
ARROWS → ON POTENTIOMETERS AND SWITCHES INDICATE COUNTERCLOCKWISE ROTATION OF SHAFT
 ALL SWITCH SECTIONS ARE SHOWN IN THE EXTREME COUNTERCLOCKWISE POSITION OF SWITCH
 ALL DC VOLTAGES MEASURED TO CHASSIS WITH A 20,000 OHMS PER VOLT METER, WITH S1 IN A
 RADIO POSITION AND NO SIGNAL APPLIED. TEST VOLTAGE = 117V, 25-60 c.
 ALL RESISTANCE VALUES ARE INDICATED IN OHMS. K=1000 OHMS, MEG=1,000,000 OHMS.
 CAPACITOR VALUES, -H-, -M-, SHOWN IN MICRO-MICROFARADS, -F-, SHOWN IN MICROFARADS.



CONNECT SPEAKER
 WIRES ACCORDING
 TO PAINT DOTS ON
 SPEAKER FRAMES



117 V AC INPUT



Intermediate Frequency: 455 Kc. Band Switch Positions and Tuning Ranges:

Audio Output: 3 Watts undistorted,
5 Watts maximum.

Loudspeaker Impedance: 4 ohms.

1st
2nd
3rd
4th

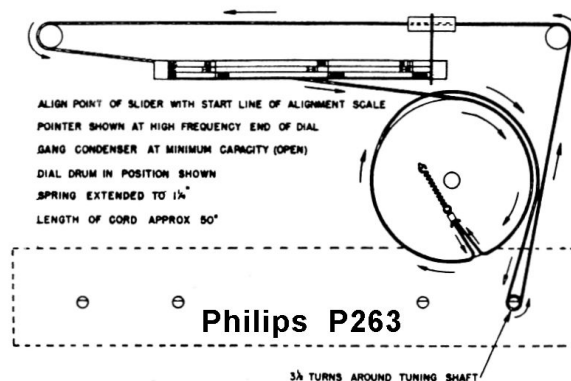
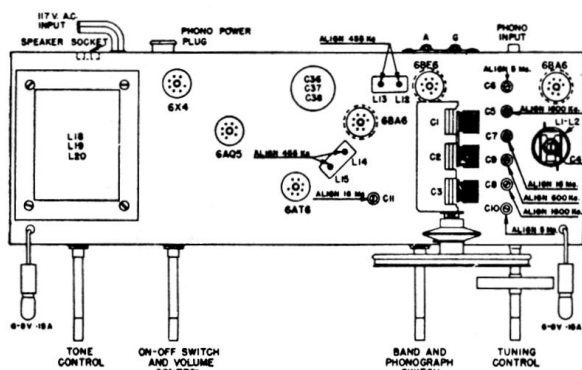
Phonograph Position.

Standard Broadcast Range from 540 Kc. to 1740 Kc.

Shortwave Range from 1.73 Mc. to 5.5 Mc.

Shortwave Range from 5.5 Mc. to 18.1 Mc.

Current Drain: .72 ampere.



ALIGNMENT PROCEDURE

Operation Steps	SIGNAL GENERATOR		RECEIVER			
	Output Connections to Receiver	Frequency	Band Switch	Tuning Capacitor	See Notes	Adjust in stated order for Maximum Output
1	To 6BA6 Control Grid (1) through .05 mfd capacitor	455 kc.	Pos. 2	Min.		2nd I.F. Transformer L15, L14
2	To lug 5 of SW1, Section 3 through .05 mfd capacitor	455 kc.	Pos. 2	Min.	A	1st I.F. Transformer L13, L12
3	To Antenna Terminal through 100 mmf capacitor*	1600 kc.	Pos. 2	1600 kc.	B	B.C. Osc. Trimmer C8 B.C. R.F. Trimmer C5 B.C. Ant. Trimmer C4
4	To Antenna Terminal through 100 mmf capacitor*	600 kc.	Pos. 2	600 kc.	C	B.C. Osc. Padder C9
5	To Antenna Terminal through 100 mmf capacitor*	5 Mc.	Pos. 3	5 Mc.	D	S.W. Osc. Trimmer C10 S.W. Ant. Trimmer C6
6	To antenna Terminal through 100 mmf capacitor*	16 Mc.	Pos. 4	16 Mc.	D	S.W. Osc. Trimmer C11 S.W. Ant. Trimmer C7

* or a standard dummy antenna with a 200 mmf capacitor in series.

ALIGNMENT NOTES

Note A -- After operation 2 has been completed, do not make any further adjustments to L15 and L14.

Note B -- The metal base plate of the chassis must be in position for operation 3, 4, 5 and 6.

Note C -- After operation 4 has been completed, return to 1600 Kc. and repeat operation 3, then repeat operation 4.

Note D -- Unscrew oscillator trimmers approximately 3 turns from tight. Then turn adjustment clockwise until first output peak is obtained. Make adjustments using this peak. Rock the tuning capacitor slowly back and forth while adjusting antenna trimmers.