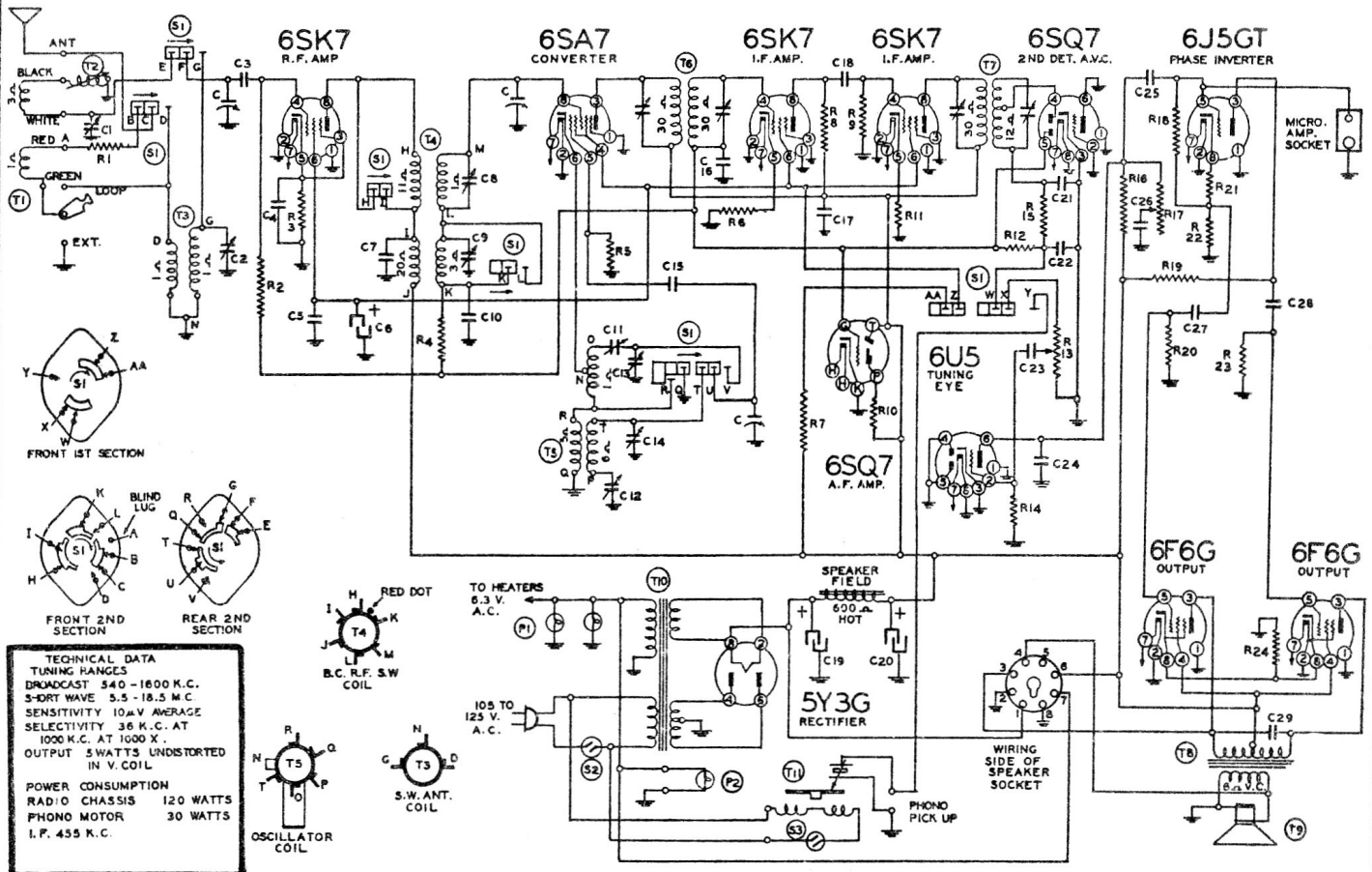




Part No.	Schematic Diagram Reference	Description	No. Used In Set	Price Each	14261B T9	SPEAKER	Ten Inch Electrodynamic Speaker (Less Output Transformer)	1	6.00
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CONDENSERS

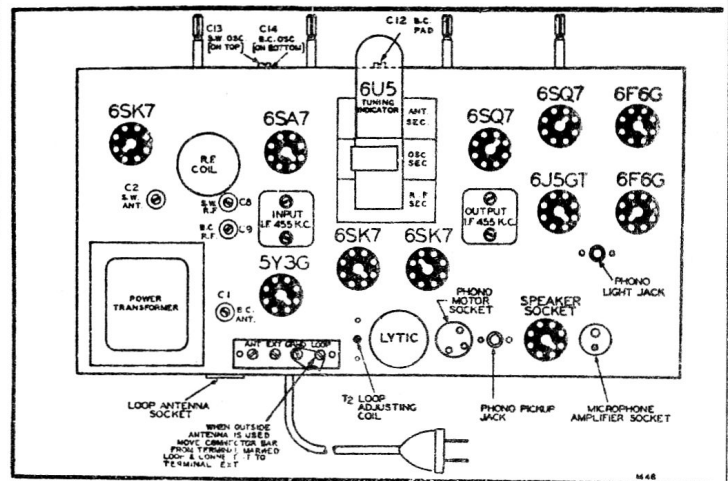
102152	C	Three Gang Variable Condenser	1	4.00
10020	C4	.1 x 200 Volt Tubular Condenser	1	.25
10026	C10, C16, C25	.02 x 400 Volt Tubular Condenser	3	.25
10025	C23	.002 x 600 Volt Tubular Condenser	1	.25
1009	C27	.05 x 200 Volt Tubular Condenser	1	.25
10013	C28	.05 x 400 Volt Tubular Condenser	1	.25
10011	C26	.01 x 400 Volt Tubular Condenser	1	.25
10071	C29	.004 x 600 Volt Tubular Condenser	1	.25
100117	C5, C17	.25 x 400 Volt Tubular Condenser	2	.35
119124	C6, C19, C20	Electrolytic Filter Condenser—10 Mfd. x 350 V.; 25 Mfd. x 450 V.; 25 Mfd. x 450 V.	1	1.50
124180	C2	S.W. Antenna Trimmer	1	.55
124179	C8, C9	S.W. and B.C. R.F. Trimmer—Dual	1	.45
124181	C13, C14	S.W. and B.C. Osc. Trimmer—Dual	1	.40
124182	C1	B.C. Antenna Trimmer	1	.20
129157	C12	.000525 Compression Cond.—B.C. Pad	1	.35
1292	C3, C18	.0005 Mica Type Condenser—20%	2	.25
129160	C7	.0004 Mica Type Condenser—20%	1	.35
12939	C15	.00005 Mica Type Condenser—20%	1	.25
1295	C21, C22	.0001 Mica Type Condenser—2%	2	.25
129156	C11	.0024 Compression Mica Condenser	1	.50
12912	C24	.00025 Mica Type Condenser—20%	1	.25

RESISTORS

101270	R13, S2	Volume Control and Switch (500M Ohms)	1	1.25
101271	R17	Tone Control (1 Megohm)	1	.90
13019	R2, R18	1 Megohm— $\frac{1}{2}$ Watt Resistor—20%	2	.20
1305	R4	300M Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
130208	R5	40M Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
13054	R6, R11	500 Ohm— $\frac{1}{2}$ Watt Resistor—20%	2	.20
130263	R8	12M Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
13020	R9, R19, R22	100M Ohm— $\frac{1}{2}$ Watt Resistor—20%	3	.20
130304	R7	12M Ohm—2 Watt Resistor—10%	1	.20
13012	R15	50M Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
130170	R12	3 Megohm— $\frac{1}{2}$ Watt Resistor—25%	1	.20
130225	R14	15 Megohm— $\frac{1}{2}$ Watt Resistor—30%	1	.20
13043	R21	2500 Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
1303	R20, R23	500M Ohm— $\frac{1}{2}$ Watt Resistor—20%	2	.20
13011	R16	250M Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
130311	R24	300 Ohm—1 Watt Resistor—20%	1	.20
13099	R3	300 Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
13024	R1	400 Ohm— $\frac{1}{2}$ Watt Resistor—20%	1	.20
	R10	1 Megohm—In Eye Socket	1	.20

COILS

108169J	T6	Input I. F. Coil Complete in Can	1	1.00
108130C	T7	Output I.F. Coil Complete in Can	1	1.25
1095/	T4	B.C.—S.W. R.F. Coil Complete in Can	1	1.25
110149	T5	B.C.—S.W. Oscillator Coil	1	.75
111176	T3	S.W. Antenna Coil	1	.50
111153	T2	Loop Adjusting Coil With Iron Slug	1	.50
111237	T1	Loop Antenna Assembly	1	2.00



CHASSIS VIEW

ANTENNA AND GROUND TERMINALS

When using an external antenna and ground, move the metal strap (connector or bar) from terminal marked LOOP and connect it to terminal marked EXT.

The antenna and ground wires should then be connected to the terminals marked "Ant."—"Gnd."

Alignment Procedure

- Volume control—Maximum all adjustments.
- Connect dummy antenna value in series with generator output lead.

BAND	SIGNAL GENERATOR			Position of Band Switch	Variable Condenser Setting	Trimmers Adjusted to Maximum (in Order Shown)
	Frequency Setting	Dummy Antenna	Connect on to Radio			
I. F.	455 Kc.	.1 MFD.	Grid of 6SK7 I. F.	Broadcast	Rotor full open (Plates out of mesh)	Two trimmers on top Output I. F.
	455 Kc.	.1 MFD.	Grid of 6SA7 Mixer	Broadcast	Rotor full open (Plates out of mesh)	Two trimmers on top Input I. F.
SHORT WAVE BAND	17 Mc.	400 Ohms	External Antenna and Ground	Short Wave	Set Dial at 17 Mc.	C13, S.W. Osc.
	17 Mc.	400 Ohms	External Antenna and Ground	Short Wave	Set Dial at 17 Mc.	C8, S.W. R.F., C2 S.W. Antenna
	6 Mc.	400 Ohms	External Antenna and Ground	Short Wave	Set Dial at 6 Mc.	C11 S.W. Osc. Series Pad See Note "A"
BROADCAST BAND	1580 Kc.	200 mmf.	Grid of 6SK7 R. F. Tube	Broadcast	Rotor full open (Plates out of mesh)	C14 B.C. Osc.
	540 Kc.	200 mmf.	Grid of 6SK7 R. F. Tube	Broadcast	Set Dial at 540 Kc. (Plates in Mesh)	C12 B.C. Osc. Series Pad
	1400 Kc.	200 mmf.	Grid of 6SK7 R. F. Tube	Broadcast	Set Dial at 1400 Kc.	C9 B.C. R.F.
LOOP ALIGNMENT	1100 Kc.	200 mmf.	External Antenna and Ground	Broadcast	Set Dial at 1400 Kc.	C1 B.C. Ant.
	600 Kc.	200 mmf.	External Antenna and Ground	Broadcast	Set Dial at 600 Kc.	T2 Iron Core Tracking Coil

NOTE. "A"—Turn the dial back and forth slightly (rock) and adjust trimmer until the peak of greatest intensity is obtained.

