

PARTS LIST — MODEL 524

Circuit Reference	Description	Value	Tolerance	Rating
R2	Resistor	25,000 Ohms	10%	1/3 W.
R3	Resistor	1 Megohm	10%	1/3 W.
R4	Resistor	1/2 Megohm	10%	1/3 W.
R5	Resistor	1/2 Megohm	10%	1/3 W.
R6	Resistor	2 Megohms	10%	1/3 W.
R8	Resistor	1/2 Megohm	10%	1/3 W.
R9	Resistor	75,000 Ohms	10%	1/3 W.
R10	Resistor	100,000 Ohms	10%	1/3 W.
R11	Resistor	200,000 Ohms	10%	1/3 W.
R12	Resistor	200,000 Ohms	10%	1/3 W.
VR1	Variable Resistor	100,000 Ohms	20%	1 W.
C1	Condenser	.05 mfd.	20%	200 V.
C2	Condenser	.25 mfd.	20%	200 V.
C3	Condenser (Padder)	300 to 650 mmfd.		400 V.
C4	Condenser	.05 mfd.	20%	200 V.
C5	Condenser (Mica)	.00025 mfd.	10%	400 V.
C6	Condenser (Mica)	.0001 mfd.	10%	400 V.
C7	Condenser	.006 mfd.	20%	400 V.
C8	Condenser	.006 mfd.	20%	400 V.
C9	Condenser	.006 mfd.	20%	400 V.
C10	Condenser	.5 mfd.	20%	200 V.
C12	Condenser (Mica)	.00025 mfd.	10%	400 V.
C13	Condenser	.05 mfd.	20%	200 V.
C14	Condenser (Elect.)	20 mfd. —20%, +100%		150 WV.
VC1	3-Gang Variable Condenser			
L1	Antenna Coil	L1 and L2 Combined is the AB-501 Assembly		
L2	R.F. Coil			
L3	Oscillator Coil	L3 and C3 Combined is the CC-501 Assembly		
L4	I.F. Coil	Double Tuned 135 K.C.		
L5	I.F. Coil	Double Tuned 135 K.C.		
L6	Iron Core Choke Coil	Plate Supply Filter		
T6	Output Transformer	300 ohm and 4000 ohm secondary		
CH2	Air Core Choke Coil	No. 16 Wire		
J2	Phone Jack	Accommodates Single Circuit Plug		
J3	Antenna Connector	Accommodates Bayonet Plug		
SW1	Off-On Switch	SPST—Mounted on VR1		

Schematic Diagram Model 524

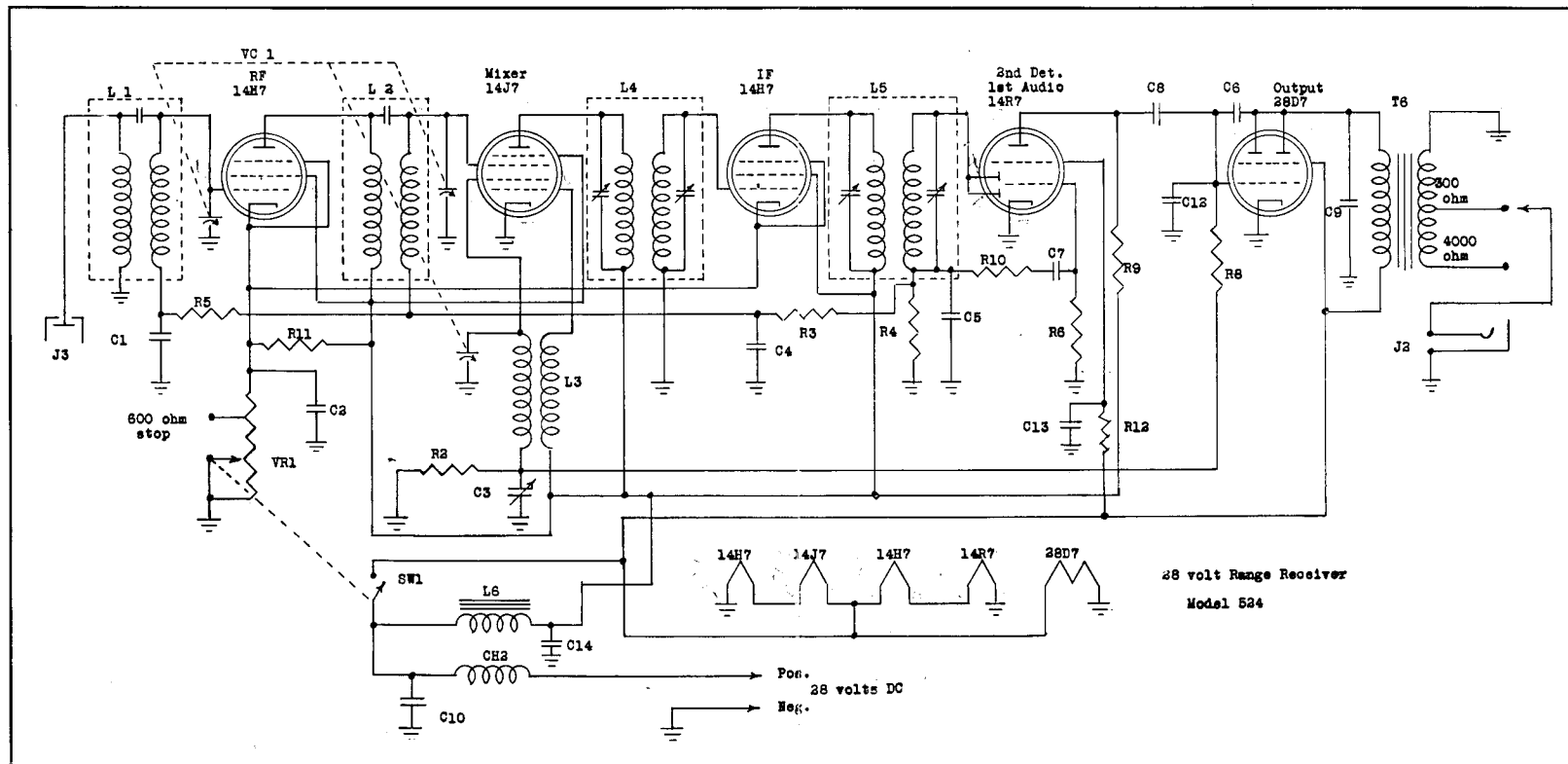


Figure 1