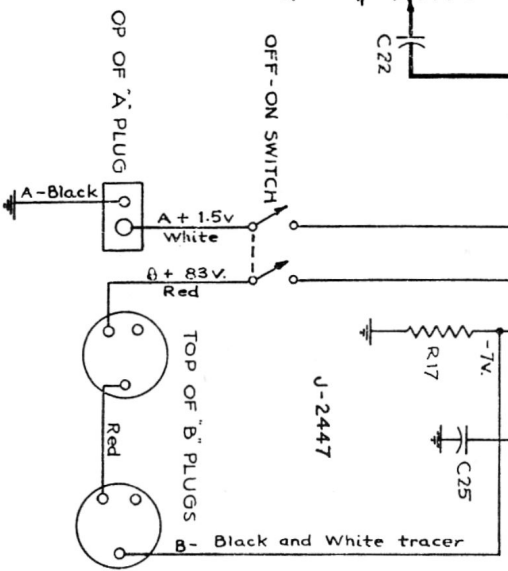


Note
All voltages measured to chassis with 20,000 ohm/volt meter.

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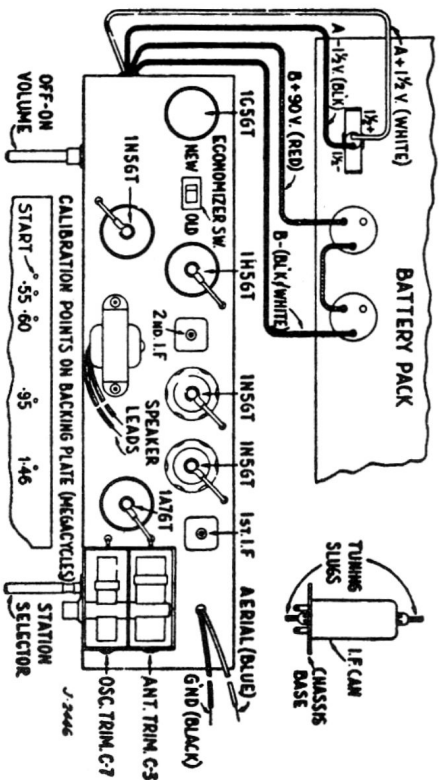


CONDENSERS		RESISTORS	
No.		No.	
C1	B.C. ANTENNA TRIMMER	R1	15000 ohms 1/2 W
C2	.05 μ f 400 V. TUBULAR	R2	100,000 ohms \pm 20% 1/2 W
C3	5 W. ANTENNA TRIMMER	R3	100,000 ohms \pm 20% 1/2 W
C4	ANTENNA SECTION GANG CONDENSER	R4	33,000 ohms \pm 20% 1/2 W
C5	.005 μ f 600 V. TUBULAR	R5	4700 ohms \pm 20% 1/2 W
C6	50 μ f 500 V. MICA	R6	4700 ohms \pm 20% 1/2 W
C7	50 μ f 500 V. MICA	R7	1 megohm \pm 20% 1/2 W
C8	B.C. OSCILLATOR PADDER	R8	15,000 ohms \pm 20% 1/2 W
C9	2900 μ f 500 V. S.W. FIXED PADDER	R9	33,000 ohms \pm 20% 1/2 W
C10	.05 μ f 400 V. TUBULAR	R10	2.2 megohms \pm 20% 1/2 W
C11	10 μ f 150 V. ELECTROLYTIC	R11	47,000 ohms \pm 20% 1/2 W
C12	B.C. OSCILLATOR TRIMMER	R12	1 megohm VOLUME CONTROL
C13	5 W. OSCILLATOR PADDER	R13	10 megohm \pm 20% 1/2 W
C14	110 μ f MICA	R14	.39 ohms \pm 5% 1/2 W WIRE WOUND
C15	5 W. OSCILLATOR TRIMMER	R15	470,000 ohms \pm 20% 1/2 W
C16	OSCILLATOR SECTION GANG COND.	R16	1 megohm \pm 20% 1/2 W
C17	110 μ f MICA	R17	510 ohms \pm 5% 1/2 W
C18	50 μ f 500 V. MICA	R18	75,000 ohms TONE CONTROL
C19	110 μ f MICA		
C20	110 μ f MICA		
C21	260 μ f 500 V. MICA		
C22	.01 μ f 600 V. TUBULAR		
C23	260 μ f 500 V. MICA		
C24	.01 μ f 600 V. TUBULAR		
C25	20 μ f 150 V. ELECTROLYTIC		
C26	.005 μ f 600 V. TUBULAR		
C27	.05 μ f 400 V. TUBULAR		

Nominal sensitivity in microvolts for 50 milliwatts output. Signal modulated 30% at 400 c.p.s.

Applied to:	Thru series dummy	455 KC	1000 KC	10 MC
1N5 GT				
2nd LF grid clip	.1 μ f	9000		
1N5 GT				
1st LF grid clip	.1 μ f	1700		
1A7 GT (converter) grid clip	.1 μ f	70	85	80
ANT.	B.C. 200 μ f SW. 400 Ω		15	40

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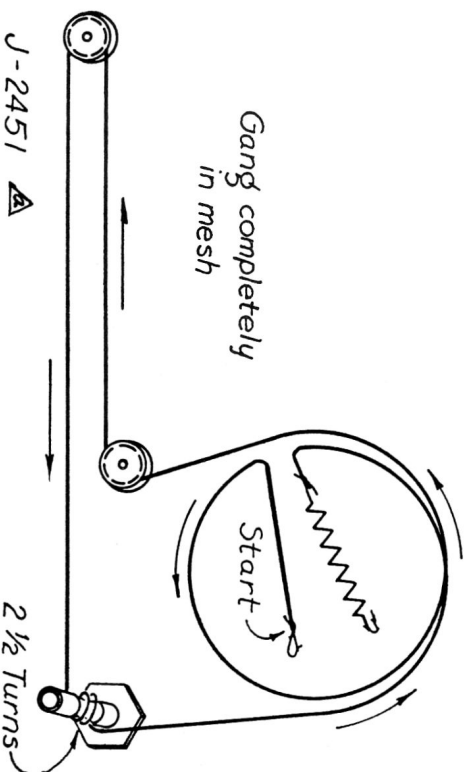


CHASSIS LAYOUT CHART

SPECIFICATIONS

- Standard Broadcast 540 Kc. - 1600 Kc.
- Short Wave Range 5.8 Mc. - 15.5 Mc.
- Intermediate Frequency 455 Kc.
- Undistorted Power Output 100 mw.
- Maximum Power Output 260 mw.
- "A" Battery Drain (Average) .331 Amps.
- "B" Battery Drain (Average) 10.6 ma.

Gang completely in mesh



J-2451

2 1/2 Turns