



CONDENSERS

- C Three Gang Variable Condenser—
- C4 .1 x 200 Volt Tubular Condenser—
- C10, C16, C25 .02 x 400 Volt Tubular Condenser—
- C23 .002 x 600 Volt Tubular Condenser—
- C27 .05 x 200 Volt Tubular Condenser—
- C28 .05 x 400 Volt Tubular Condenser—
- C26 .01 x 400 Volt Tubular Condenser—
- C29 .004 x 600 Volt Tubular Condenser—
- C5, C17 25 x 400 Volt Tubular Condenser—
- C6, C19, C20 Electrolytic Filter Condenser—10 Mfd. x 350 V.; 25 Mfd. x 450 V.; 25 Mfd. x 450 V. A.C.
- C2 S.W. Antenna Trimmer
- C8, C9 S.W. and B.C. R.F. Trimmer—Dual—
- C13, C14 S.W. and B.C. Osc. Trimmer—Dual—
- C1 B.C. Antenna Trimmer
- C12 .000525 Compression Cond.—B.C. Pad—
- C3, C18 .0005 Mica Type Condenser—20%—
- C7 .0004 Mica Type Condenser—20%—
- C15 .00005 Mica Type Condenser—20%—
- C21, C22 .0001 Mica Type Condenser—20%—
- C11 .0021 Compression Mica Condenser—
- C24 .00025 Mica Type Condenser—20%—



RESISTORS

- R13, S2 Volume Control and Switch (500M Ohms) Less Shaft
- R17 Tone Control (1 Megohm) Less Shaft.
- R2, R18 Shaft Only for Volume and Tone Controls 1 Megohm—1/4 Watt Resistor—20%—
- R4 300M Ohm—1/4 Watt Resistor—20%—
- R5 40M Ohm—1/4 Watt Resistor—20%—
- R6, R11 500 Ohm—1/4 Watt Resistor—20%—
- R8 12M Ohm—1/4 Watt Resistor—20%—
- R9, R19, R22 100M Ohm—1/4 Watt Resistor—20%—
- R7 12M Ohm—2 Watt Resistor—10%—
- R15 50M Ohm—1/4 Watt Resistor—20%—
- R12 3 Megohm—1/4 Watt Resistor—25%—
- R14 5 Megohm—1/4 Watt Resistor—30%—
- R21 2500 Ohm—1/4 Watt Resistor—20%—
- R20, R23 500M Ohm—1/4 Watt Resistor—20%—
- R16 250M Ohm—1/4 Watt Resistor—20%—
- R24 300 Ohm—1 Watt Resistor—20%—
- R3 300 Ohm—1/4 Watt Resistor—20%—
- R1 400 Ohm—1/4 Watt Resistor—20%—
- R10 1 Megohm—In Eye Socket

Model 11A25

Alignment Procedure

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

SIGNAL GENERATOR						
BAND	Frequency Setting	Dummy Antenna	Connect'on to Radio	Position of Band Switch	Variable Condenser Setting	Trimmers Adjusted to Maximum (in Order Shown)
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	1400 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.

After each band is completed, repeat the procedure as a final check.