

SERVICE DATA SHEET

S.T.C. MODEL 262.

TUNING RANGE:

Broadcast 540-1620 Kc/s.
Short Wave 5.9-18.2 Mc/s.
Bandspread 11.8-12 Mc/s.
9.5-9.8 Mc/s.

INTER. FREQ.:
455 Kc/s.

POWER SUPPLY:
200-240 volts.
50 cycles A.C.

LOUD SPEAKER:
Permag. 12" cone.
2500 ohms transformer.

SENSITIVITY:
I.F. V1 grid 15 microvolts
I.F. V2 grid 500 microvolts
I.F. V3 grid 27 millivolts
Broadcast 4 microvolts
Short Wave 15 microvolts

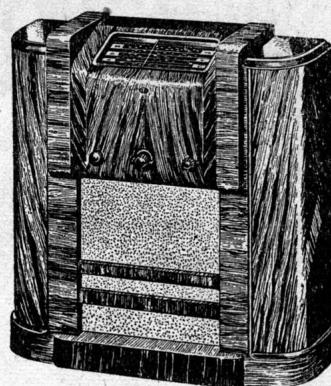
These figures are related to an audio frequency output of 11 volts, measured between plate of V5 and earth, through series condenser of .1 MFD capacity.

ALIGNMENT FREQUENCIES:
1400 Kc/s and 600 Kc/s Broadcast.
16 Mc/s and 6 Mc/s Short Wave.
Bandspread. Set oscillator to 9.5 Mc/s., and aerial to 12 Mc/s.

CHECK POINTS:
Broadcast 1000 Kc/s.
Short Wave 10 Mc/s.

Valve Complement

Freq.	Conv.	6J8GA
1st I.F. amp.		6K7G
2nd I.F. amp.		6K7G
Det. audio		6B8G
Power output		6L6G
Rectifier		5Z4G



Circuit Voltages.

	Plate	Screen	Osc. Plate	Cathode	Heater
V1	175	80	140	2.7	6.2
V2	175	80	—	2.7	6.2
V3	260	80	—	2.3	6.2
V4	40	25	—	1.5	6.2
V5	240	250	—	13	6.2
V6	245/245	—	—	278	5.0

These voltages must be measured to receiver earth with voltmeter having resistance of at least 1000 ohms per volt. Tolerance $\pm 5\%$. Volume control must be turned to maximum.

