



No.	Part No.	Description	Tolerance
CONDENSERS			
C	102-52	2 Gang Variable	
C1	100-9	.05x200 v.	25%
C2	129-75	.0003386 Comp. Cond. (+-1% (Padder)	
C3	100-33	.1x200 v.	-50-10%
C4	129-5	.0001 Mica	20%
C5	100-34	.005x1200	10%
C6	100-11	.01x400	25%
C7	100-33	.1x200	-50-10%
C8	100-11	.01x400	25%
C9	129-12	.00025 Mica	20%
C10	100-11	.01x400	25%
C11	100-33	.1x200 v.	-50-10%
C12	100-40	.5x200	20%
C13	100-40	.5x200	20%

Part No.	Description	Tolerance
RESISTORS		
R1	130-17 10M 1/3	20%
R2	130-12 50M 1/3	20%
R3	130-149 15M 1/3	20%
R4	250M in tuning indicator socket	
R5	130-84 200 ohm - 1/3 w.	20%
R6	130-4 3 meg 1/3	20%
R7	101-80 1 meg volume control	
R8	130-19 1 meg - 1/3	20%
R9	130-19 1 meg - 1/3	20%
R10	106-40 10 ohm	
R11	106-40 21 ohm	
R12	130-100 150M ohm - 1/3 w.	20%
R13	130-20 100M ohm - 1/3 w.	20%
R14	130-19 1 meg - 1/3 w.	20%

Part No.	Description
T1	111-78 Antenna Coil Complete
T2	110-62 Oscillator Coil Complete
T3	108-82B Input I.F. Coil—465 kc.
T4	108-83B Output I.F. Coil—465 kc.
T5	114-74 5" P.M. Speaker
T6	104-62D Power Transformer
L1	105-35 R.F. "B" Choke
L2	105-19 "A" Choke
L3	105-30C Filter Choke
Vibrator	126-4 Vibrator
F1	131-79 4 amp. fuse (type 3AG)
S1	On Volume Control

TUBES:

The tube complement of this chassis consists of the following Octal Base Glass Tubes:

- The type and function of each tube is as follows:
- 1—Type 6D8G or 6A8G Pentagrid Mixer, First Detector-oscillator.
- 1—Type 6S7G Remote cut-off R.F. Pentode, I.F. Amplifier (465 K.C.)
- 1—Type 6T7G Duplex Diode Triode Second Detector, A.V.C. and First Audio.
- 1—Type 1F5G Output Amplifier.
- 1—Type 6N5 Cathode-Ray Tuning Eye.

MODEL 62-465

SERVICE NOTES:

Voltage taken from different points of circuit to chassis are measured with volume control full on, all tubes in their sockets and speaker connected, with a volt meter having a resistance of 1000 ohms per volt.

All voltages are to be measured with 6.3 volts input to receiver.

Resistances of coils and transformer windings are indicated in ohms on schematic circuit diagram.

To check for open by-pass condensers, shunt each condenser with another condenser of the same capacity and voltage rating, which is known to be good, until the defective unit is located.

Failure to operate, noisy or weak reception is usually due to defective tubes, the tubes making poor contact with sockets or grid clips making poor contact with the caps of the tubes. Tubes may be checked very easily by replacing with other tubes which are known to be good. If fuse blows out frequently and insulating sleeve has been properly placed over fuse, the trouble is probably in the vibrator, it should be replaced. Do not attempt to make any adjustments on the vibrators.

Excessive hum, stuttering, low volume and a reduction in all D. C. voltages is usually caused by a shorted electrolytic condenser; open by-pass condensers, frequently cause oscillation and distorted tone.

