

# FIVE-TUBE SUPERHETERODYNE RECEIVER

A.C.-D.C....105-130 Volts...25-70 Cycles

**Short-Wave Range**  
1500—3000 Kilocycles  
200—100 Meters

**Broadcast Range**  
540—1500 Kilocycles  
550—200 Meters

SCHEMATIC DIAGRAM

I.F. 456 K.C.

## REPLACEMENT PARTS

### Part No. Description

GGT-130	Antenna coil	GGC-136 A	Variable condenser	Single padding condenser
GGT-131	Oscillator coil	SC-81		Combination by-pass and filter condenser
GGT-132	First i-f transformer	GGC-137		Wave band selector switch
GGT-133	Second i-f transformer	KS-42		5" Dynamic speaker
KT-40	Filter choke	KS-38 A		Pilot light
GGR-143	Volume control	KL-6		
GGR-128	Ballast resistor			

**CAUTION—UNDER NO CIRCUMSTANCES SHOULD A GROUND WIRE BE PERMITTED TO COME IN CONTACT WITH THE METAL CHASSIS OF THIS RECEIVER.**

### Voltage Readings:

Readings should be taken with volume control on full, using a d-c voltmeter of 1000 ohms-per-volt. Measurements given are for a line voltage of 117.5 volts, 60 cycles and are measured from point indicated to ground with the antenna grounded to the metal chassis.

	Plate	Screen	Cathode	Suppressor	Osc. Plate
6A7 Oscillator-modulator	100	55	3	—	100
6D6 I.f.	100	100	3	3	—
75 A.f.	30	—	1.5	—	—
43 Output	80	100	11	—	—

Voltage across speaker field, 125 volts.

