

MODEL A-87Y

Eight-Tube, Three-Band, A-C Console Receiver

ELECTRICAL SPECIFICATIONS

Frequency ranges

Band A..... 540 Kc. -- 1800 Kc.
 Band B.....1800 Kc. -- 6000 Kc.
 Band C.....6000 Kc. -18,000 Kc.
 Intermediate Frequency..... 460 Kc.
 Voltage Rating..... 105 - 125 Volts.
 Frequency Rating..... 25 and 60 cycles
 Power Consumption..... 105 watts
 Type and numbers of Radiotrons -- 2 Type - 6K7,1 Type 6L7,1 Type 6J7,1 Type 6H6,1 Type 6F5,1 Type 6F6,
 1 Type 5Z3 and 1 Type 6E5.
 Maximum Undistorted Output..... 2 watts
 Maximum Output..... 4½ watts

This instrument comprises an eight-tube chassis, mounted in a console type cabinet. Its tuning range covers frequencies from 540 Kc. to 18,000 Kc.

For alignment procedure, service data, replacement parts, etc., reference should be made to the models A-82, and A-87 service notes, with the exception of those replacement parts peculiar to the model A-87Y.

The wiring and schematic diagrams given herein show how the magic eye is connected in the radio receiver circuit.

REPLACEMENT PARTS

Model A-87Y

STOCK No.	DESCRIPTION	STOCK No.	DESCRIPTION
11382	Resistor - 1 Megohm- Carbon Type - 1/10 watt (R54).....	11319	Cable - Tuning lamp cable - Complete with socket.....
11151	Resistor - 2.2 Megohms - Carbon Type - 1/4 watt (R52,R53).....	11192	Clamp - Tuning Lamp Mounting Clamp - Less bracket 11191.....
4858	Capacitor - 0.01 Mfd. (C51).....	11276	Escutcheon - Tuning Lamp Escutcheon..
11191	Bracket - Tuning Lamp Mounting Bracket Less clamp 11192.....	11381	Socket - Tuning Lamp Socket and Cover.....

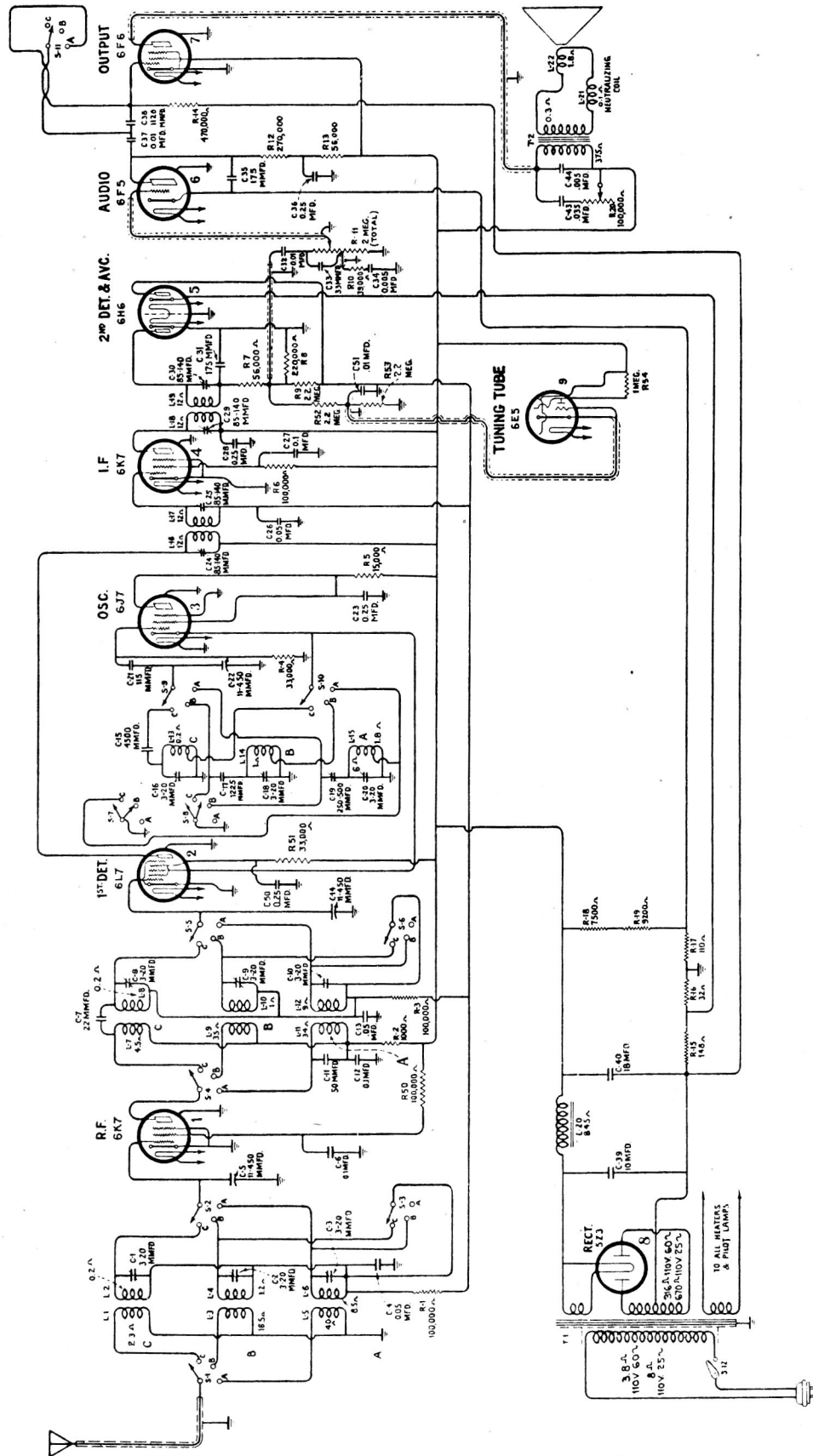


Figure 1—Schematic Circuit Diagram

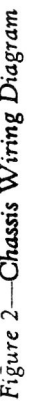


Figure 2—Chassis Wiring Diagram