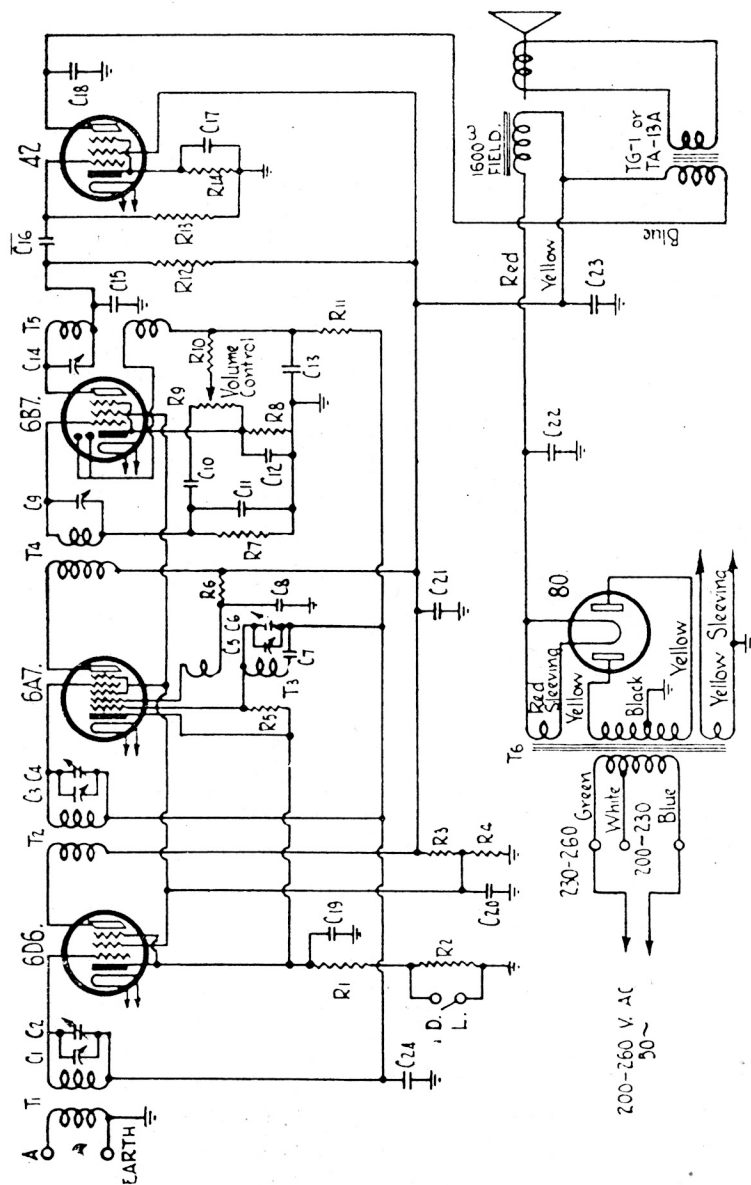




CONDENSERS.

Code

RESISTORS.

Code

COILS.

Code

10-50 mmfd. Mica Trimmer
Variable Condenser
10-50 mmfd. Mica Trimmer
Variable Condenser
10-50 mmfd. Mica Trimmer
Variable Condenser
900 mmfd. Mica Padding Condscr.
.05 mfd. Paper Tubular Condscr.
100-220 mfd. Mica Trimmer
.01 mfd. Paper Tubular Condscr.
C11 200 mmfd. Mica Condenser
C12 5 mfd. 25v. Electrolytic Condscr.
C13 200 mmfd. Mica Condenser
C14 10-50 mmfd. Mica Trimmer
C15 700 mmfd. Mica Condenser
C16 .01 mfd. Paper Tubular Condscr.
C17 25 mfd. 25v. Electrolytic Condscr.
C18 .02-.03 mfd. Paper Tubular Condscr.
C19 .25 mfd. Paper Tubular Condscr.
C20 .25 mfd. Paper Tubular Condscr.
C21 .25 mfd. Paper Tubular Condscr.
C22 8 mfd. 500v. Electrolytic Condscr.
C23 4 mfd. 350v. Electrolytic Condscr.
C24 .05 mfd. Paper Tubular Condscr.

1,200 ohms, Wire Wound
3,000 ohms, 1 watt
40,000 ohms, 1 watt
20,000 ohms, 1 watt
60,000 ohms, 1 watt
20,000 ohms, 1 watt
500,000 ohms, 1 watt
2,000 ohms, Wire Wound
250,000 ohms, Volume Control
R10 300,000 ohms, 1 watt
R11 1 1/2 megohms, 1 watt
R12 100,000 ohms, 1 watt
R13 300,000 ohms, 1 watt
R14 400 ohms, 1 watt

Aerial Coil
R.F. Coil
Oscillator Coil
First I.F. Transformer
Second I.F. Transformer
Power Transformer

Service Data

Radiolettes 29 and 71

ELECTRICAL SPECIFICATIONS.

Voltage Rating 190-260 Volts.
Frequency Rating 50-60 Cycles.
(Special instruments made for other voltage and frequency ratings.)

Power Consumption 50 watts.
Tuning Range 200-550 Metres.
Intermediate Frequency 175 K.C.

CIRCUITS.

This Radiolette is a five-valve superheterodyne as follows
6D6 R.F. Amplifier.
6A7 Detector-oscillator.
6B7 I.F. Amplifier, Detector, A.V.C. and Aud Amplifier.
42 Output Pentode.
80 Rectifier.

VALVE SOCKET VOLTAGES.

240 Volts, 50 Cycles A.C. Supply.

VALVE.	Cath. to Chassis Volts.	Cathode to Screen Grid Volts.	Cathode to Plate Volts.	Plate Current M.A.	Heat Vol
6D6 R.F.	6.0	45	245	1.0	6.2
6A7 1st Detector	6.0	45	245	0.5	6.2
Oscillator	—	—	170	3.0	—
6B7 2nd Detector	2.5	48	100	1.2	6.2
42 Pentode	14.0	230	215	30.0	6.2
80 Rectifier—600/300 volts, 45 m.a. total current					4.9

Voltage across Loudspeaker Field — 72 volts.