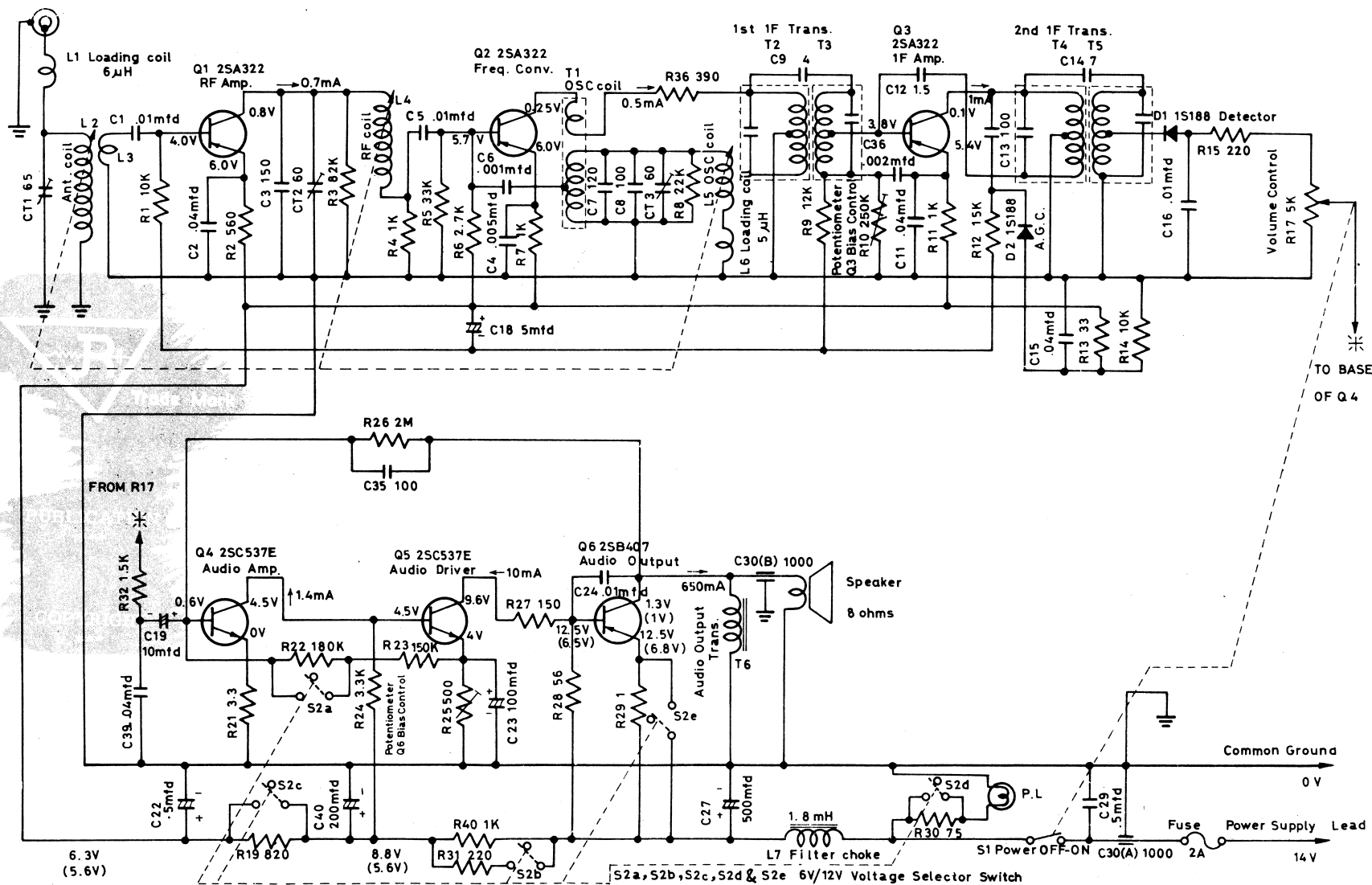


## SPECIFICATIONS

Circuit System	6 transistor plus 2 diode super-heterodyne with an RF amplifier and manual tuning
Frequency Range	540 - 1605 KHz
Intermediate Frequency	455 KHz
Sensitivity (for 500mW output)	10 $\mu$ V (12V/6V)
Signal to Noise Ratio	26 dB (at 56 $\mu$ V signal input)
Selectivity	20dB (at 10 KHz tuned off from 1000 KHz)
Output Power	Maximum 2.5W (12V) Undistorted 1.5W (12V) 1.0W (6V)
Power Supply	12V and 6V (Negative ground polarity)

Current Drain	730mA (12V), 760mA (6V)
Speaker	5" permanent dynamic type 8 ohm voice coil impedance
Transistors	2SA322 RF Amplifier 2SA322 Frequency Converter 2SA322 IF Amplifier 2SC537E Audio Amplifier 2SC537E Audio Driver 2SB407 Audio Output 1S188 Detector
Diodes	1S188 1S188 A.G.C.
Dimensions	Width 170mm (6 $\frac{3}{4}$ ") Height 44mm (1 $\frac{3}{4}$ ") Depth 140mm (5 $\frac{1}{2}$ ")
Weight	1 kg (2.2 lbs.)



NOTE. 1. Switch S2 is shown in 12V position.

2. All resistance values in ohms. K=1000 M=1000000

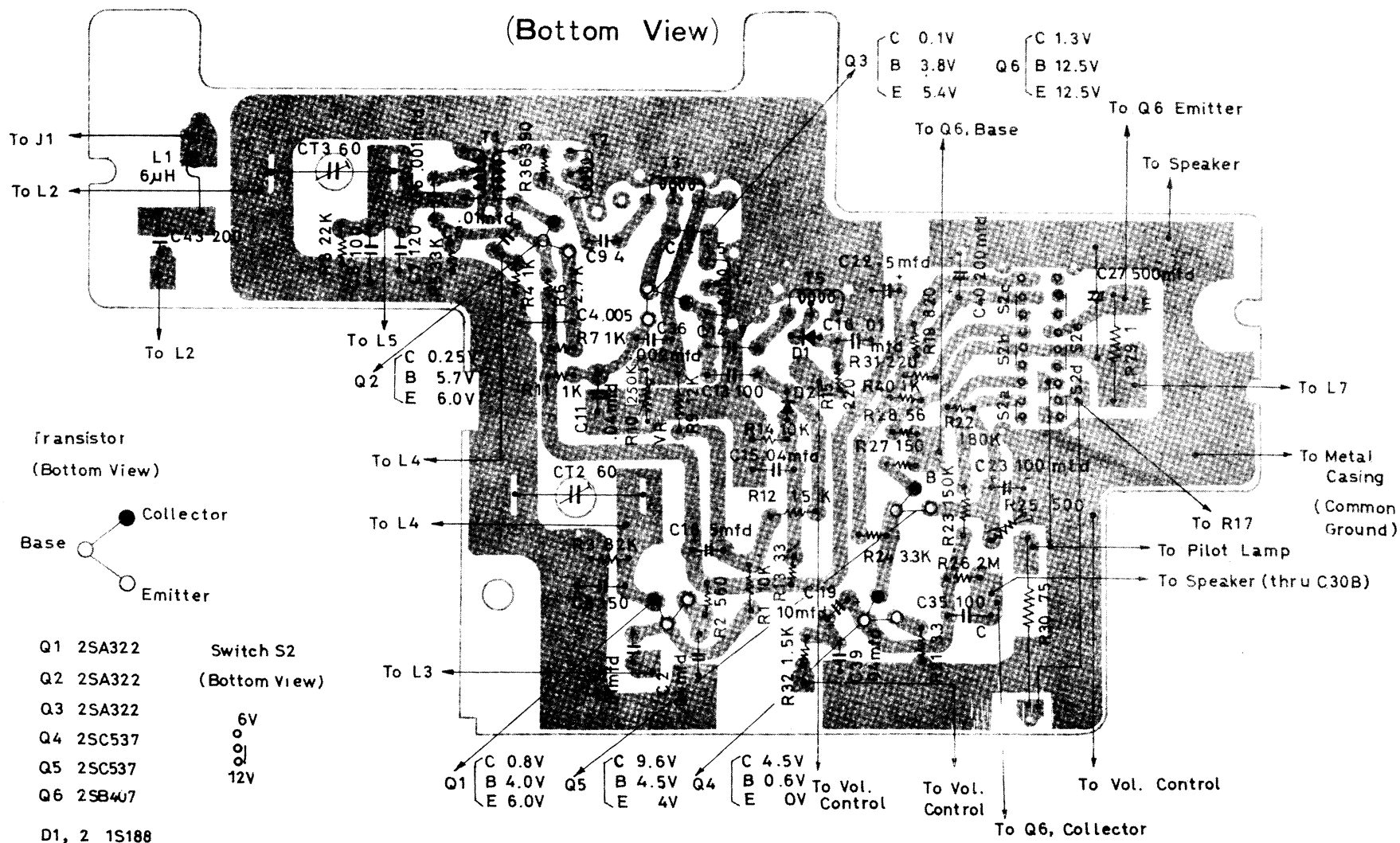
3. Capacitors, more than 1 are in picofarads unless otherwise noted.

4. Potentiometer R10 should be adjusted for

1 mA current thru collector of Q3.

5. Voltages in are for 6V operation.

6. Potentiometer R25 should be adjusted for 650mA current thru collector of Q6.



- NOTE.
- 1 Switch S2 is shown in 12V position.
  2. Potentiometer R10 should be adjusted for 1 mA current thru collector of Q3.
  3. All resistance values in ohms. K=1000 M=1000000
  4. Capacitors more than 1 are in picofarads unless otherwise noted.
  5. Voltages given are for 12V operation.
  6. Potentiometer R25 Should be adjusted for 650mA Current thru Collector of Q6