



TYPE CIRCUIT : Battery operated, 6 valve, dual wave superheterodyne using A.V.C.

VALVES USED: 1 type 1C6 Oscill. detector, 2 type 34 I.F., 1 type 25.S. 2nd Det. and 1st Aud., 1 type 30 driver 1 type 19 "B class" output.

BATTERIES USED : 4-45v Superdyne "B" batteries. 1-2v. 100 A.H. accumulator.

COVERAGE OF EACH BAND:-

1. 1600 K.C. to 530 K.C.

2. 18 M.C. to 5.7 M.C.

Inter. Freq.: 460 K.C.

VALVE SOCKET VOLTAGES

(Measured to Ground)

VALVE	1C6	34	34
	Det.	1st	2nd
	Osc.	I.F.	I.F.
Point P.	157	157	157
S.G.	50	50	50

25S	30	19
2nd Det.	Driver	"B class"
1st Aud.		output
50	150	150
-	-	-

1C6 Osc. Plate G2:

Bias resistor voltages, measured from the earthed end, as follows:- $-2\frac{1}{2}v$ $-6\frac{1}{2}v$ $-12v$, $-22\frac{1}{2}v$.

The above voltages were measured with a 1000 ohms per volt meter using 250v and 50v scales. Use Fig. 1 for test points.

Batt. Switch. The battery switch on Model 66X is of the three pos.type. The first movement in a clockwise direction switches on the receiver and dial lamp. A further movement of the switch in a clockwise direction switches off the dial lamps. Rotating the battery switch in an anti-clockwise direction will switch off the receiver.