

TECHNICAL INFORMATION

BULLETIN No. 125.

(TYPE)

1938

TECHNICAL DATA ON MODEL 4 V.V. - 4 VALVE

VIBRATOR OPERATED RECEIVER.

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

4-VALVE VIBRATOR OPERATED RECEIVER

MODEL 4 V.V.

CONDENSER DETAILS

C.1.	8 mfd. electro-lytic filter condenser
C.2.	8 " " " "
C.3.	8 " " " "
C.4.	8 " " " "
C.5.	4 " " " modulation condenser
C.6.	.25 mfd. paper plate load decoupling
C.7.	.25 " B. + r.f. bypass condenser.
C.8.	.1 " Screen R.F. bypass condenser.
C.9.	.1 " " " " "
C.10	.05 " A.V.C. R.F. bypass condenser.
C.11	.01 " Audio coupling condenser.
C.12	.01 " " " "
C.13	.0005 mfd. mica audio bypass.
C.14	.0001 " diode load R F bypass
C.15	.0001 " R F bypass.
C.16	.0001 " osc. grid coupling
C.17	.00015 " tone feedback condenser.
C.18	550 mmfd. padder condenser
C.19	.5 mfd. R F bypass condenser
C.20	.05 " " " "
C.21	.05 " " " "
C.22	.01 Paper 600 Volt buffer condenser.
C.23	.004 mica R F bypass.

4-VALVE VIBRATOR OPERATED RECEIVER

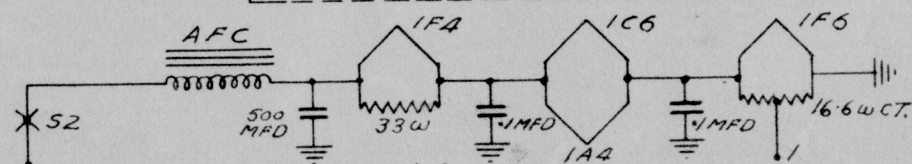
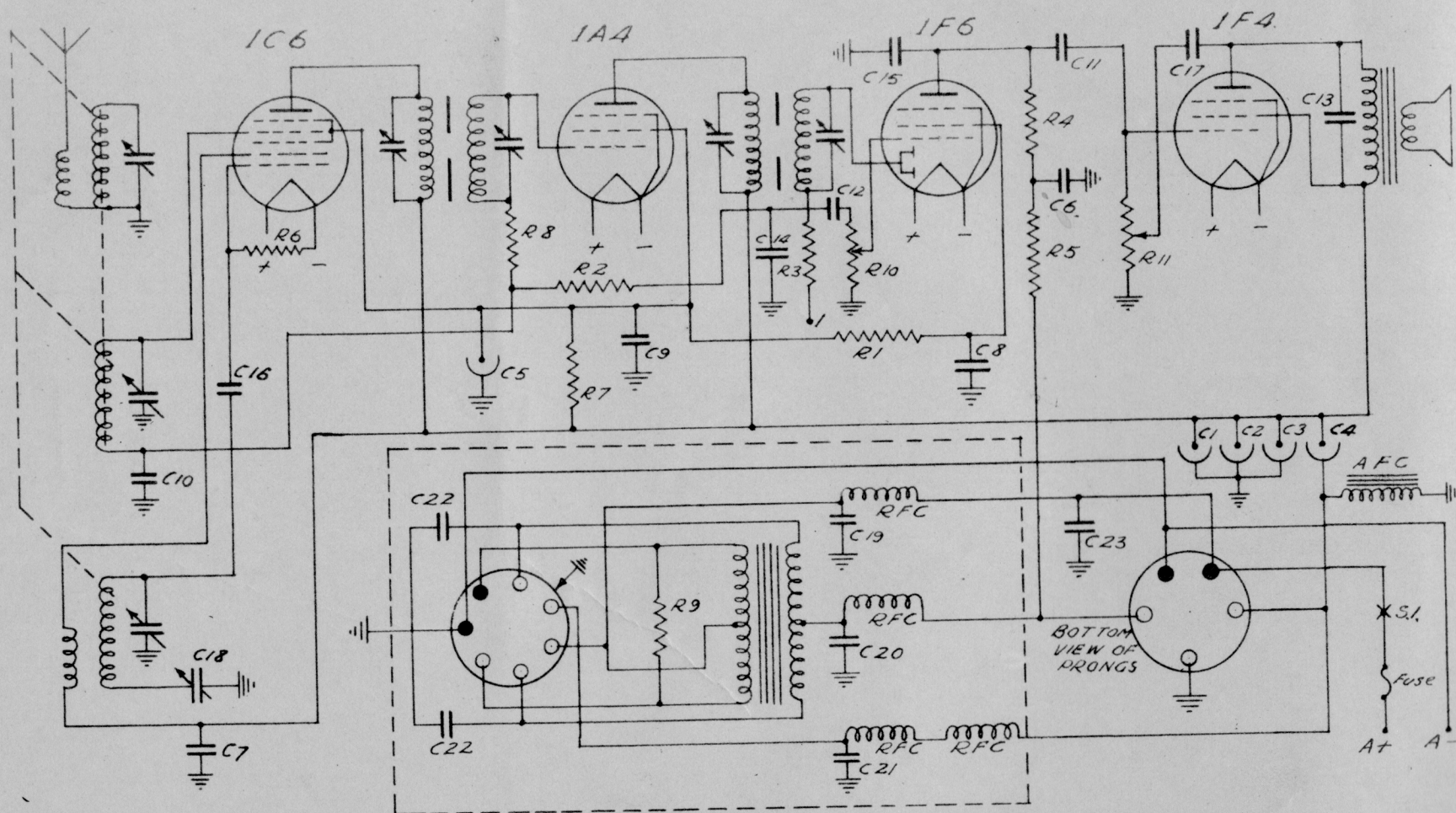
MODEL 4 V. V.

RESISTOR DETAILS

R.1.	1 meg. $\frac{1}{3}$ -watt. screen dropping.
R.2.	1 meg. $\frac{1}{3}$ -watt. A.V.C. coupling.
R.3.	$\frac{1}{2}$ meg. $\frac{1}{3}$ -watt. diode load.
R.4.	$\frac{1}{4}$ meg. $\frac{1}{2}$ -watt. plate load.
R.5.	.1 meg. $\frac{1}{2}$ -watt. B + decoupling.
R.6.	5,000 ohm $\frac{1}{3}$ -watt osc. grid leak.
R.7.	25,000-ohm.1-watt. Screen dropping.
R.8.	-600-ohm. $\frac{1}{3}$ -watt grid suppressor.
R.9.	300-ohm. $\frac{1}{3}$ -watt loading resistor.
R.10.	$\frac{1}{2}$ meg. Potentiometer, Volume control.
R.11.	$\frac{1}{2}$ meg. Potentiometer, Tone - control.

Collier & Beale,
66 Ghuznee St.,
WELLINGTON. C.2.
28th September, 1938.

SCHEMATIC DIAGRAM 4 TUBE VIBRATOR RECEIVER



DETAIL OF FILAMENT CIRCUIT.

DRAWING NO.— 267
COLLIER AND BEALE, LTD.
WELLINGTON DATE 4-8-5