

TECHNICAL INFORMATION

BULLETIN NO. 133.

MODEL
(TYPE) S16

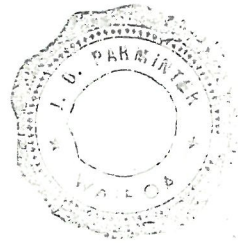
S 16
~~STELLA~~ PORTABLE BATTERY RECEIVER, MODEL S-16.

Feb 1940

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON



S-11

COMPONENT LEGEND FOR 5-VALVE PORTABLE
BATTERY RECEIVER.

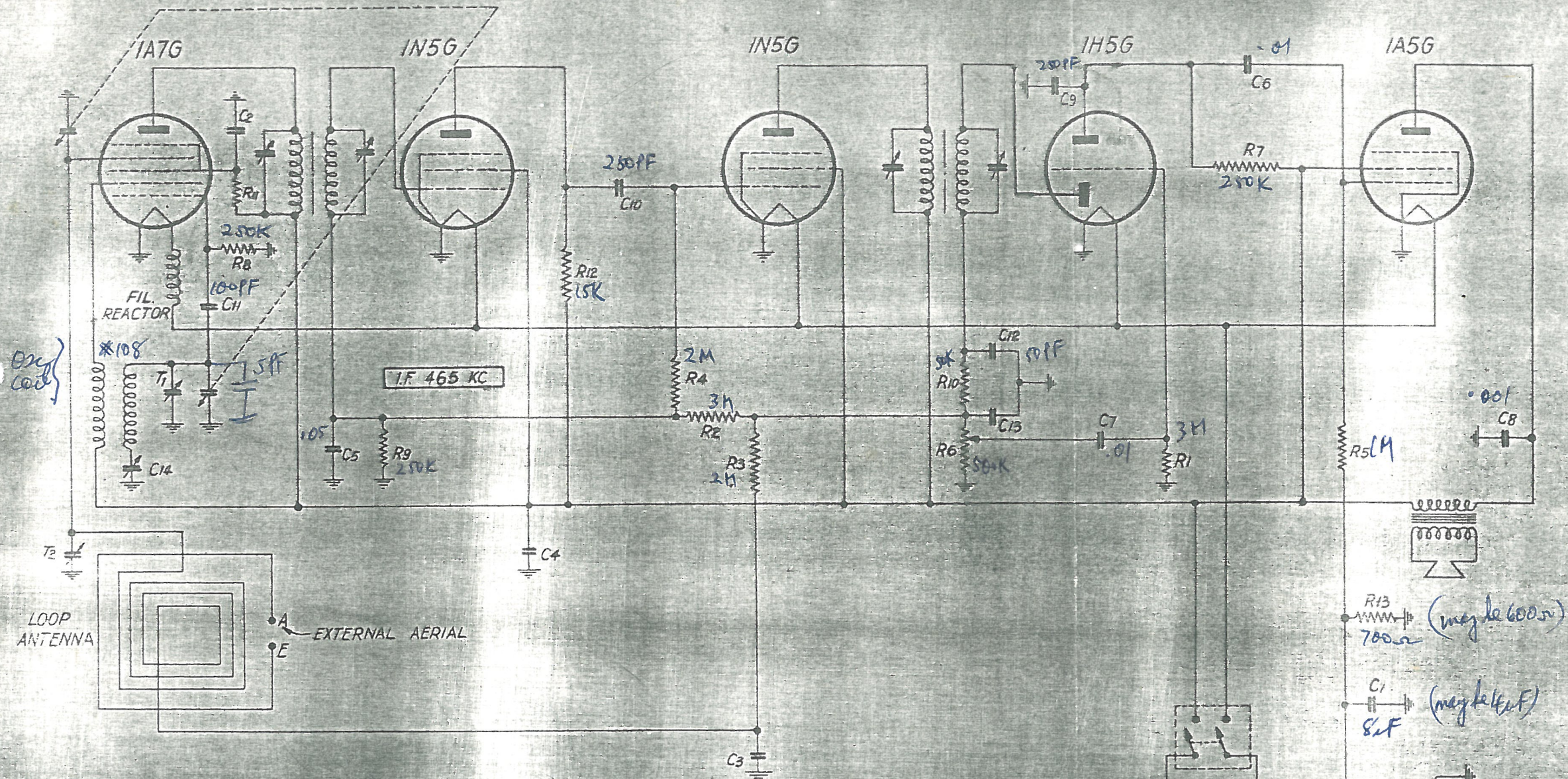
CONDENSERS:

C-1	8-mfd.	H.T. By-pass
2	.1 "	Screen By-Pass (detector stage)
3	.05 "	A.V.C. Filter
4	.05 "	H.T. By-Pass
5	.05 "	A.V.C. Filter
6	.01 "	Audio Coupling Condenser
7	.01 "	Audio Coupling Condenser
8	.001 "	H.F. By-Pass (output circuit)
9	.00025 "	H.F. By-Pass (1st audio stage)
10	.00025 "	I.F. Coupling Condenser
11	.0001 "	Grid Condenser (Oscillator)
12)	.00005 "	Diode load By-pass Condensers.
13)		
14	600-mmfd.	Variable Padding Condenser
T-1 and T-2		H.F. Alignment Condensers

RESISTORS:

R-1	3-megohm	Audio Grid Leak
2	3 "	A.V.C. Filter
3	2 "	" "
4	2 "	I.F. Grid Leak
5	1 "	Audio Grid Leak
6	.5 "	Volume Control
7	.25 "	Plate Load Resistor, (1st audio stage)
8	.25 "	Grid Leak (oscillator)
9	.25 "	A.V.C. Bleeder
10	50,000-ohm.	H.F. Filter
11	25,000 "	Screen Dropping Resistor (mixer stage)
12	15,000 "	Plate Load Resistor (1st I.F. stage)
13	700 "	Self Bias Resistor

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET,
WELLINGTON, C.2.
14th February, 1940.

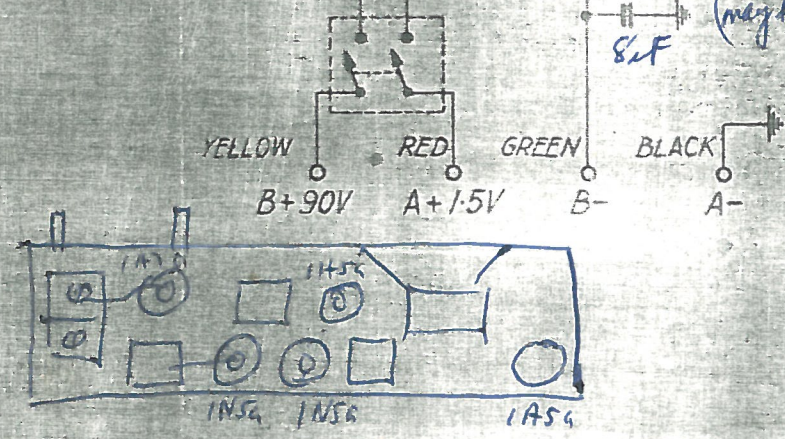
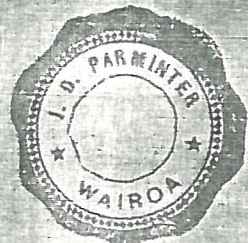


Exc. coil

I.F. f. 465 KC

MODEL S-16
Feb. 1940

Note: all valves "G" types
these (4) with shield cans
have shield can bases integral with chassis
base
have to be ground off shield or
or to use "GT" type replacement valves



DWG. No. 2 6