

TECHNICAL INFORMATION

BULLETIN NO. 132

(TYPE)

"CROMWELL" PORTABLE BATTERY RECEIVER, MODEL 405-P.

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

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 }		
	13 }	.00005 "	Diode load by-pass condenser
	14	600-mmfd	Variable padding condenser
	T-1 & T-2		H.F. alignment condensers.

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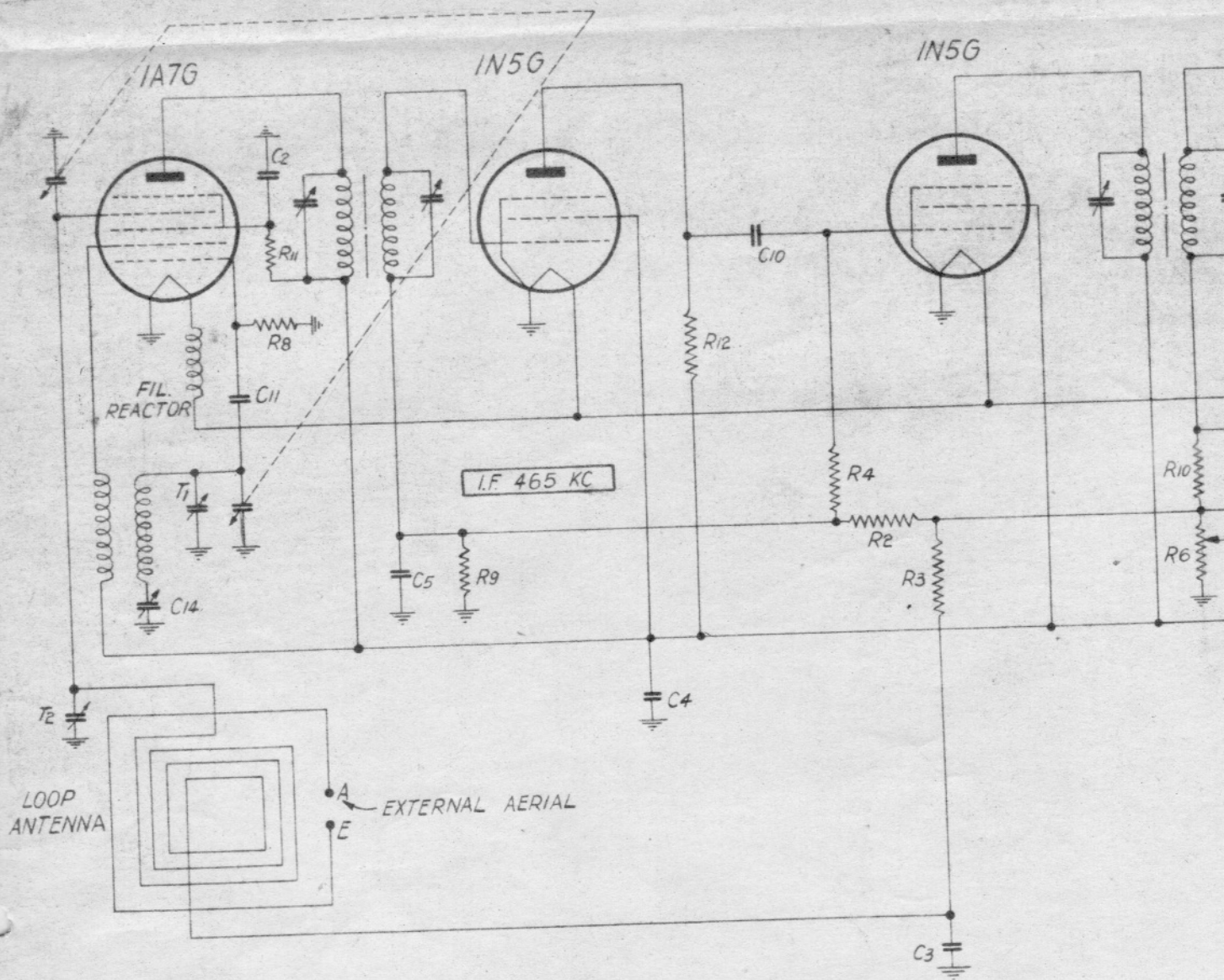
RESISTORS

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- ohms	H.F. filter
11	25,000 "	Parasitic stopping resistor (mixer stage)
12	15,000 "	Plate load resistor (1st I.F. stage)
13	700 "	Self bias resistor

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

SCHEMATIC DIAGRAM OF 5 TUBE PORTABLE BAT



I.F. f. 465 KC/s

SCHEMATIC OF 5 TUBE PORTABLE BATTERY RECEIVER

