

TECHNICAL INFORMATION

BULLETIN NO. 143.

(TYPE)

5-VALVE DUAL WAVE BATTERY RECEIVER

MODEL 52-BG/52-BC.

RECEIVER

COLLIER & BEALE LTD.

WELLINGTON

COMPONENT SCHEDULE FOR MODEL 52-BG/52-BC

RECEIVER.

CONDENSERS:

C-1	.05-mfd.	A.V.C. filter
2	.05 "	" "
3	.0001 "	Oscillator grid
4	.1 "	H.T. R.F. by-pass
5	.25 "	Filament by-pass
6	.01 "	Audio coupling
7	.0001 "	R.F. plate by-pass
8	2-pfd.	Interstage neutralising
9	.01-mfd.	Audio coupling
10	.0001 "	Tone control
11	.001 "	Audio by-pass
12	.0001 "	Diode load by-pass
13	.25 "	Self-bias by-pass
14	550-mmfd.	Variable padding (B.C. band)
15	2,000 "	" " (S.W. ")
16	.004-mfd.	Fixed padding (" ")
17	.1 "	Screen by-pass

RESISTORS:

R-1	.5-meg.	A.V.C. filter
2	100-ohm.	Oscillator grid suppressor
3	.25-meg.	" " leak
4	1 "	A.V.C. filter
5	.5 "	Diode load
6	.5 "	Volume control
7	.25 "	Plate load
8	.5 "	Tone control
9	500-ohm.	Self-bias
10	50,000 "	Screen dropper mixer/oscillator

SWITCHES:

S-1 & S-2

Integral with volume control

FUSE:

F-1

100-milliamperes

COLLIER & BEALE LIMITED,
66 GHUZNEE STREET, W'GTON., C.2.
27th September, 1940.

RADIO RECEIVERS MODELS 52 BG - 52 BC

SCHEMATIC DIAGRAM

