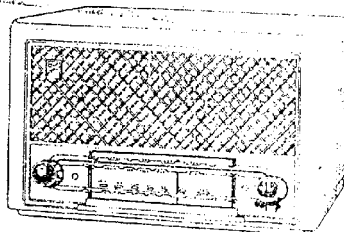


PHILIPS

SERVICE NOTES

for the receiver

BX200B

R13212

1952

For battery supply

GENERAL

WAVE RANGES

S.W.	16,5 - 50,5 m	(5,93 - 18,2 Mc/s)	452 kc/s
M.W.	185 - 580 m	(517 - 1622 kc/s)	
L.W.	1170 - 2000 m	(150 - 256 kc/s)	

I.F.

452 kc/s

KNOBS

Left ; Battery switch and volume control
 Right ; Knob ; Tuning
 Lever ; Waverangeswitch

BATTERY TENSIONS

VB ; 90 V
 VF ; 1,5 V

VALVES

B1 ; DK40	Length ; 27,5 cm
B2 ; DF91	Depth ; 15 cm
B3 ; DAF91	Height ; 17 cm
B4 ; DL41	

DIMENSIONS

WEIGHT ; 2,4 kg

CONSUMPTION

Iatot; 10.25 mA
 Iftot; 250 mA

LOUDSPEAKER

Type 9742Y Z = 5 Ω

I.F. BANDWIDTH

The I.F. bandwidth, measured from g4 of B1 is about 11 kc/s.
 The "overall" bandwidth measured from the aerial socket is about 10 kc/s at 1000 kc/s and about 9½ kc/s at 540 kc/s.

93 974 97.1.05

SPOELEN-COILS-BOBINES-BOBINAS-SPULEN

S1)	1,7 Ω		S11)	7,7 Ω	
S2)	0,3 Ω	A3 124 60.0	S12)		A3 121 94.2
S3)	40 Ω		S13)		
S4)	3 Ω		S14)	5,2 Ω	
S5	34 Ω	A3 115 24.0	C15	115 pF	
S6)	<1 Ω		C16	115 pF	
S7)	<1 Ω		S15)	14 Ω	
S8)	<1 Ω	A3 124 74.0	S16)	14 Ω	
S9)	10,5 Ω		C17)	110 pF	A3 124 25.0
S10)	15 Ω		C18)	110 pF	
S19	3,8 Ω		S17)	1100 Ω	A3 152 44.0
			S18)	<1 Ω	

CONDENSATOREN-CONDENSERS-CONDENSATEURS-CONDENSADORES-KONDENSATOREN

C1)	50 μF	48 317 58/50+50	C15)		Spoelen
C2)	50 μF		C16)		Coils
C3	100 μF	48 313 22/100	C17)		Bobines
C4)			C18)		Bobinas-Spulen
C5)		49 001 56.0	C19	47000 pF	48 750 20/47K
C6	30 pF	48 203 05/30E	C20	100 pF	48 203 20/100E
C7	30 pF	28 212 36.4	C21	100 pF	48 203 20/100E
C8	100 pF	48 203 20/100E	C22	10000 pF	48 751 20/1K
C9	470 pF	48 203 20/470E	C23	47000 pF	48 750 20/47K
C10	0,47 μF	48 750 20/470K	C24	2700 pF	48 751 20/2K7
C11	68 pF	48 203 02/68E	C25	4700 pF	48 751 20/4K7
C12	30 pF	28 212 36.4	C26	56 pF	48 203 10/56E
C13	30 pF	28 212 36.4	C28	47000 pF	48 750 20/47K
C14	470 pF	48 203 01/470E	C29	1800 pF	48 429 05/1K8
			C30	115 pF	48 203 02/115E
			C31	400-575 pF	49 005 55.2

WEERSTANDEN-RESISTANCES-RESISTANCES-RESISTENCIAS-WIDERSTANDE

R1	33000 Ω	48 555 10/33K	R11	4,7 MΩ	48 555 10/4M7
R2	8200 Ω	48 556 10/8K2	R12	1,8 MΩ	48 555 10/1M8
R3	0,18 MΩ	48 555 10/180K	R13	470 Ω	48 555 10/470E
R4	1,5 MΩ	48 555 10/1M5	R14	0,1 MΩ	48 555 10/100K
R5	0,82 MΩ	48 555 10/820K	R15	56000 Ω	48 555 10/56K
R6	0,5 MΩ	49 500 11.0	R16	82000 Ω	48 555 10/82K
R9	4,7 MΩ	48 555 10/4M7	R17	10000 Ω	48 555 10/10K
R10	1 MΩ	48 555 10/1M	R18	12000 Ω	48 555 10/12K

14

2

5	1.2.3.4.5.	6.7.8.9.10.	11.12.13.14.	15.16.	17.18.19.
C	2.10.3.6.7.30.4.1.8.2.1.	9.5.2.3.1.1.1.4.1.2.1.3.1.5.	16.19.	17.23.19.26.22.	23.24.
R	1.8.14.	1.3.1.2.3.	5.1.7.	16.15.6.	11.10.12.

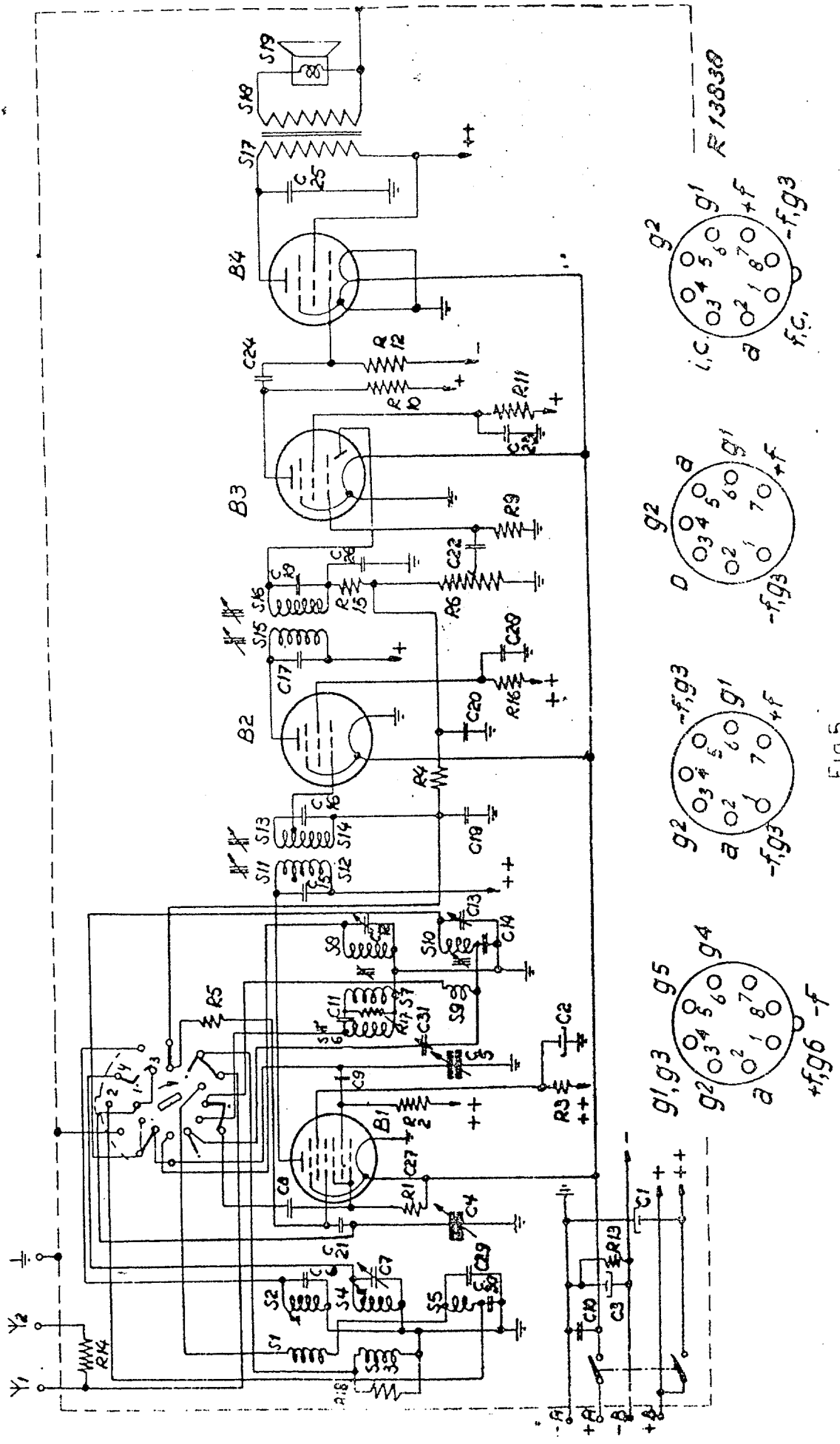


Fig 5