

Trimming the receiver.

When trimming the rule is:

Volume control on maximum.

Connect a voltmeter via a trimming transformer to the additional loudspeaker terminals.

Unless otherwise stated all signals are applied to the aerial socket. After trimming seal the cores and trimmers.

Now trim as follows:

I.F. circuits (unscrew the cores of S10, S11, S12 and S13).				
Waverange	Tuning capacitor	Signal	Trim	Indication
S.W.3	min.	452 kc/s via 33000 pF to g3 of B1	S13	Max. output
			S12	Max. output
			S10	Max. output
			S11	Max. output
			S12	Max. output

R.F. circuits.

When trimming the R.F. circuits, one makes use of trimming points on the dial.

Trimming point 1 is on the left-trimming point 2 is on the right of the dial.

Before starting to trim it is necessary that the pointer is on the trimming point 1 with the variable capacitor at minimum.

Waverange	Pointer on trimming point	Signal	Trim	Indication
S.W.2	2	7.65 Mc/s	S7	Max. output
			S2	Max. output
	1	22.2 Mc/s	C7	Max. output
S.W.3	2	2.35 Mc/s	S9	Max. output
			S4	Max. output
	1	7.5 Mc/s	C26 C5	Max. output Max. output

Remove the chassis from the cabinet.

1. Remove the rearpanel and knobs.
2. Remove the switch lever at the right side by removing a spring clip at the inner side.
3. Loosen the chassis fixing by removing the screws at the rear side.
4. Loosen the loudspeaker fixing by unscrewing the two screws.

Drive

The length and the path of the driving cord are indicated in fig.2, for the position where the variable capacitor is set to maximum.

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LIST OF PARTS

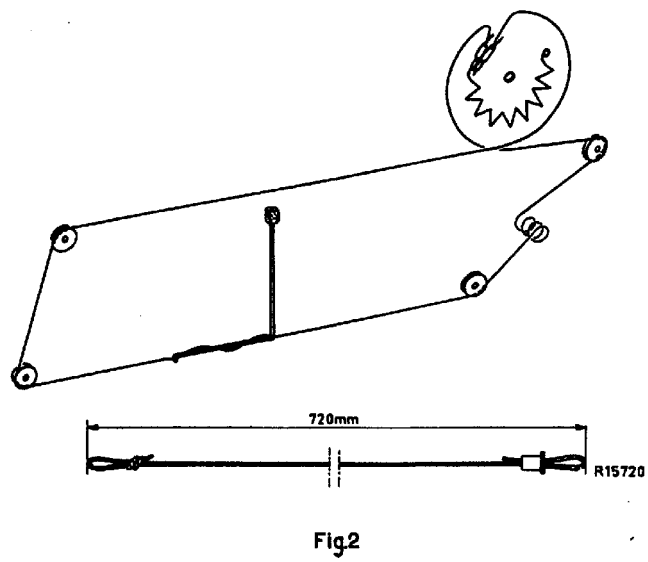
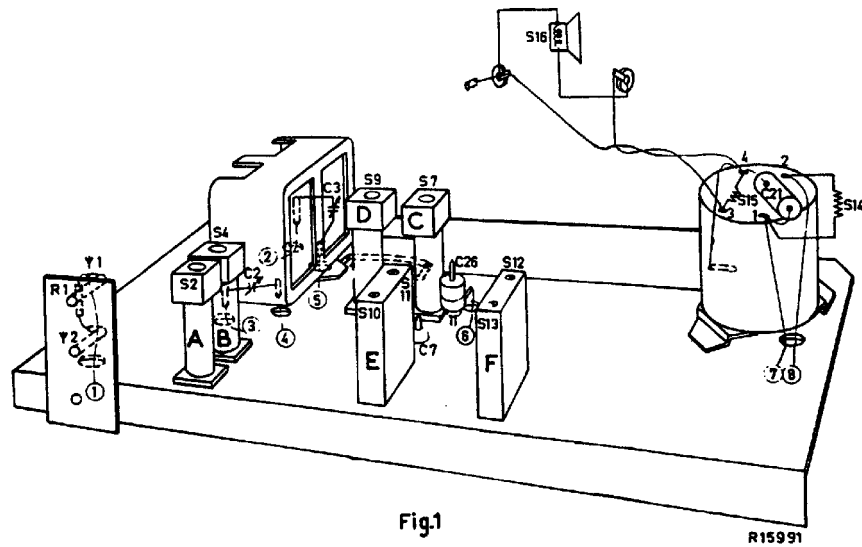
When ordering always quote:

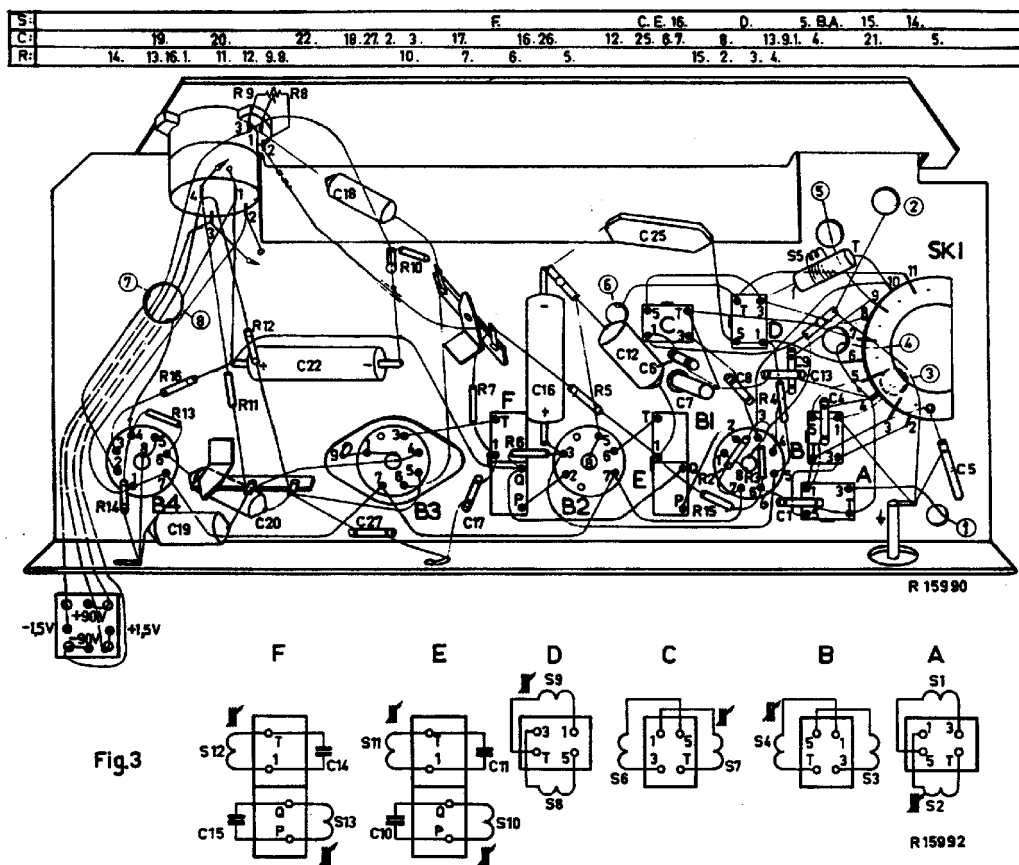
1. Code number.
2. Description and colour.
3. Type number of the set.

		Description	Code number
		Cabinet	A3 750 59.0
		Knob	A3 738 49.0
		Slider for waverange switch	P4 380 92/19
		Leaf spring	A3 650 50.0
		Variable capacitor	49 001 56.0
		Vernier tuning	A3 396 68.0
		Spring in driving drum	A3 646 57.0
			MW/MZ <i>1/2</i>

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S1)			A3 125 26.0	C17	56	pF	A9 999 04/56E
S2)				C18	1000	pF	A9 999 06/1K
S3)			A3 119 68.0	C19	47000	pF	A9 999 06/47K
S4)				C20	2700	pF	A9 999 06/2K7
S5			A3 118 45.0	C21	4700	pF	A9 999 06/4K7
S6)				C22	25	μF	A9 999 11/C25
S7)			A3 119 80.0	C25	2000	pF	A9 999 05/2K
S8)				C26	30	pF	28 212 36.4
S9)			A3 119 69.0	C27	68	pF	A9 999 04/68E
S10)				R1	22000	Ω	A9 999 00/22K
S11)				R2	27000	Ω	A9 999 00/27K
S12)				R3	2,2	MΩ	A9 999 00/2M2
S13)				R4	22000	Ω	A9 999 00/22K
C10)	110	pF	A3 126 84.0	R5	1,5	MΩ	A9 999 00/1M5
C11)	195	pF		R6	12000	Ω	A9 999 00/12K
S12)				R7	56000	Ω	A9 999 00/56K
S13)				R8	0,45	MΩ	A9 999 16/
C14)	110	pF	A3 126 84.0	R9	0,05	MΩ	DL50K+450K
C15)	195	pF		R10	4,7	MΩ	A9 999 00/4M7
S14)				R11	2,7	MΩ	A9 999 00/2M7
S15)			A3 169 27.0	R12	1	MΩ	A9 999 00/1M
C1	100	pF	A9 999 04/100E	R13	1,8	MΩ	A9 999 00/1M8
C2	11-489	pF)		R14	560	Ω	A9 999 00/560E
C3	11-489	pF)	49 001 56.1	R15	2,2	MΩ	A9 999 00/2M2
C4	34	pF	A9 999 04/33E)	R16	2200	Ω	A9 999 00/2K2
		par	A9 999 04/1E)				
C5	25	pF	A9 999 07/25E				MW/MZ
C6	10	pF	A9 999 04/10E				
C7	12	pF	49 005 64.2				
C8	47	pF	A9 999 04/47E				
C9	47	pF	A9 999 04/47E				
C10			(See coils				
C11			(Voir bobines				
			(Veanse bobinas				
C12	47000	pF	A9 999 06/47K				
C13	1,2	pF	A9 999 04/1E2				
C14			(See coils				
C15			(Voir bobines				
			(Veanse bobinas				
C16	8	μF	A9 999 11/L8				





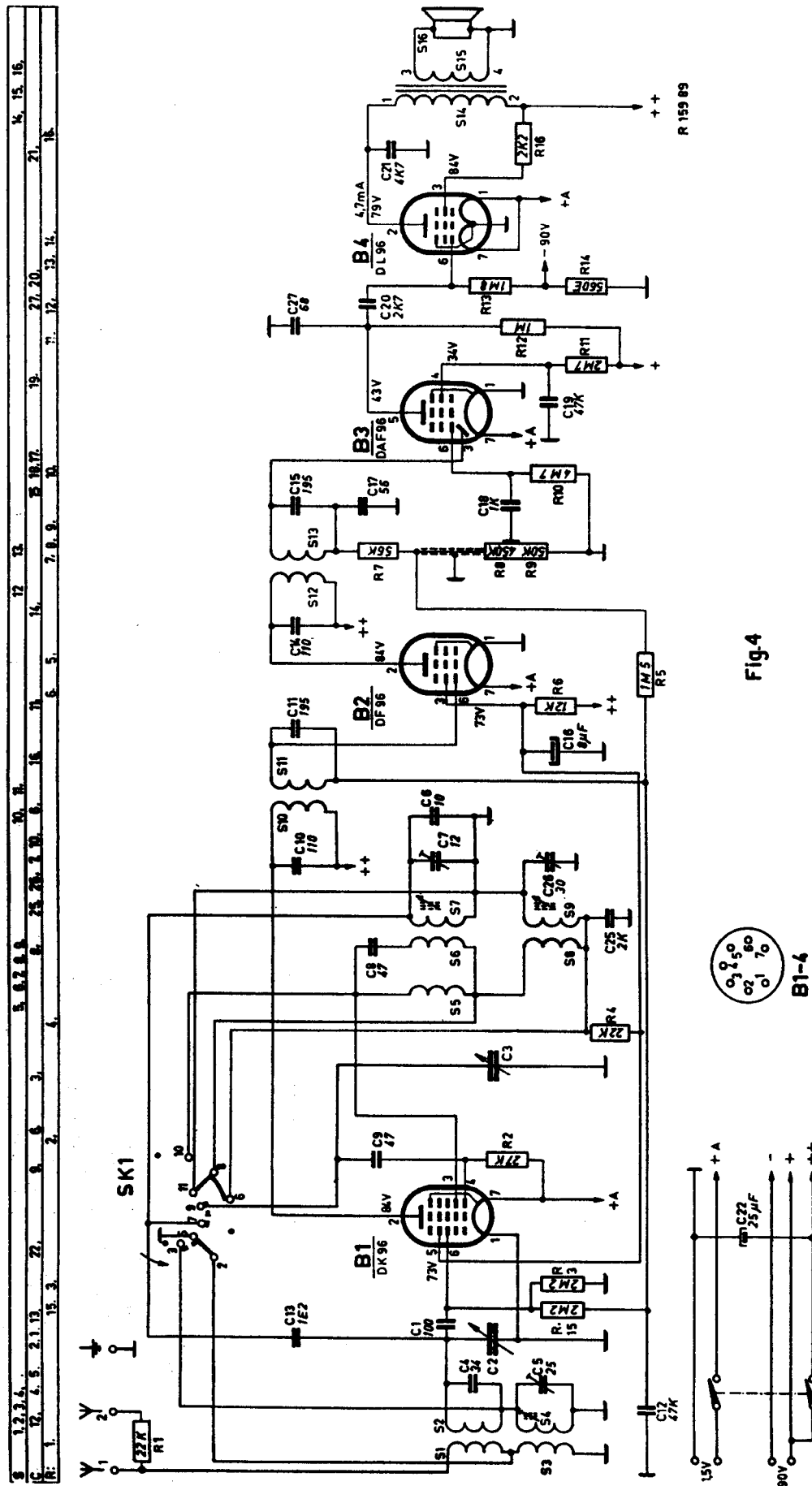


Fig. 4

B1-4

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PHILIPS

SERVICE NOTES

for the receiver

BX 236 B-97

1955

For battery supply

This receiver is equal to the BX236B-77 with the following exception:

Remove

Output transformer

A3 169 27.0

Add

Output transformer

A3 153 24.0

MW/EG