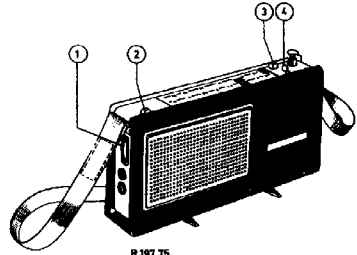


PHILIPS *Service*

RADIO

L2X00T/00L/00R/00W



R 197 75



Controls

Volume control
Tone control
Battery switch
Wave switch:
S.W.
M.W.
L.W.
Tuning

Bediening

1 Volumeregelaar
2 Toonregelaar
3 Batterijschak.
Golfwaaiereschak.:
4a K.G.
4b M.G.
4c L.G.
5 Afstemming

Bedienung

Lautstärkeregl.
Tonregler
Batterieschalter
Wellenbereichschalter:
K.W.
M.W.
L.W.
Abtimmung

Commande

Contrôle de volume
Contrôle de tonalité
Comm. de batterie
Comm. des gammes:
O.C.
P.O.
G.O.
Syntonisation

Organos de mando

1 Control de volumen
2 Regulador de tono
3 Comm. de batería
Comm. de márgenes:
4a O.C.
4b O.N.
4c O.L.
5 Sintonía

Specification

Loudspeaker AD2216Z
I.F. 452 Kc/s
Battery 6 V (4x1,5V)
Consumption 20 mA (0,1 W max.)
Output 120 mW
Dimensions 206x105x41 mm
 $\frac{1}{8} \times \frac{1}{8} \times \frac{1}{8}$

Specificatie

Luidspreker M.F.
Batterij
Verbruik
Uitgangsverm.
Afmetingen

Spezifikation

Lautsprecher Z.F.
Batterie
Verbrauch
Ausgangseleist.
Abmessungen

Specification

Haut-parleur M.F.
Batterie
Consommation
Puissance
Dimensions

Specificación

AD2216Z
452 Kc/s
6 V (4x1,5V)
20 mA (0,1 W max.)
120 mW
206x105x41 mm
 $\frac{1}{8} \times \frac{1}{8} \times \frac{1}{8}$

Especificación

Altavoz F.I.
Batería
Consuma
Potencia de salida
Dimensiones

Wave ranges - Golfgebieden - Wellenbereiche - Gammes d'ondes - Margenes de ondas

S.W. - K.G. - K.W. - O.C. - O.C. : 19,4 - 51 m (15,5 - 5,9 Mc/s)
M.W. - M.G. - M.W. - P.O. - O.N. : 185 - 580 m (1620 - 570 Kc/s)
L.W. - L.G. - L.W. - G.O. - O.L. : 1150 - 2000 m (260 - 150 Kc/s)

Transistors

Ts1 - OC 170
Ts2 - OC 169
Ts3 - OC 169
Ts4 - OC 71
Ts5 - OC71
Ts67 - 2 - OC72
GR12 - 2 - OA79

SERVICE INFORMATION

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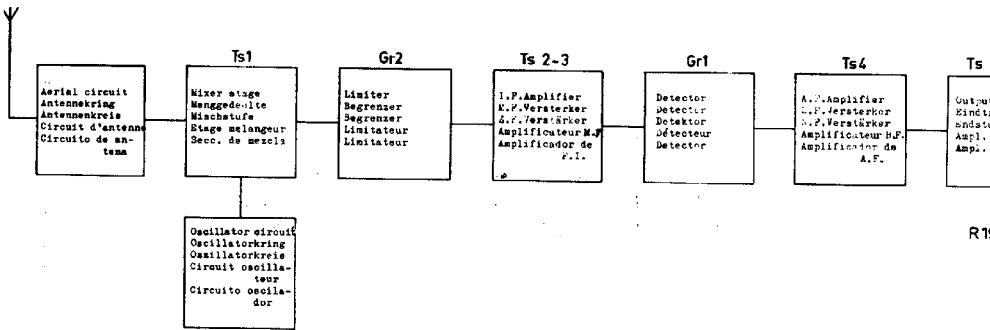
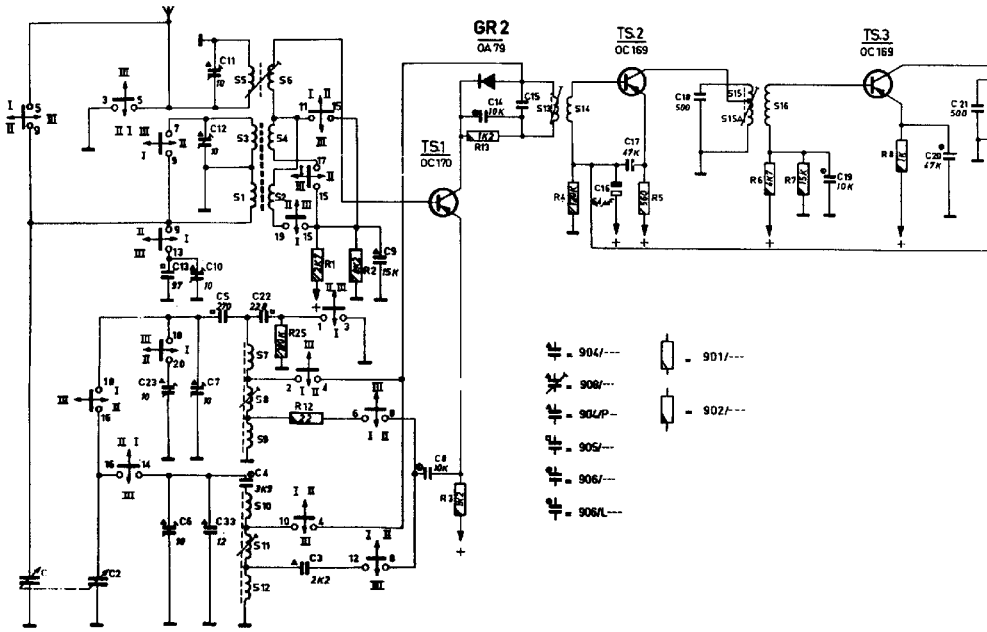
93 725 93.1.90

Wave range Golfgebiet Wellenbereich Gamme d'ondes Rangos de ondas	Varco	Signal	Adjust to max. output Afregelen op max uitgangsspanning Abgleichen auf max. Ausgangsspannung Régler au max. de sortie Ajustense al max. de salida
Sery-o-mecum E-s-1		452 Kc/s via 4K70-G-Ts3	S17-S18
	4b	min. 453,5 Kc/s via 33 KpF-S1	S15-S16
	4c	max. 450,5 Kc/s via 33 KpF-S1	S13-S14
	4b	min. 148 Kc/s	S7-S8-S9
4c	min. 1635 Kc/s	C7	
	min. 262 Kc/s	C23	
4c	Repeat - Herhalen - Wiederholen - Répéter - Repfitanse 158,5 Kc/s	158,5 Kc/s	S1
	250 Kc/s	250 Kc/s	C10
R.F. circuits H.F.-kringen H.F.-kreise Circuits H.F. Circuitos de R.F.	Repeat - Herhalen - Wiederholen - Répéter - Repfitanse 517 Kc/s	517 Kc/s	S2
	1635 Kc/s	1635 Kc/s	C12
	Repeat - Herhalen - Wiederholen - Répéter - Repfitanse 5,8 Mc/s	5,8 Mc/s	S10-S11-S12
4a	min. 15,6 Mc/s	15,6 Mc/s	C6
4a	Repeat - Herhalen - Wiederholen - Répéter - Repfitanse max. 5,8 Mc/s	5,8 Mc/s	S5
	15,2 Mc/s	15,2 Mc/s	C11
	Repeat - Herhalen - Wiederholen - Répéter - Repfitanse		

*** Via 4,7 pF - Y

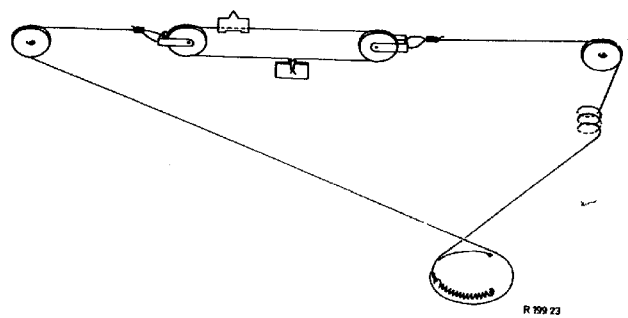
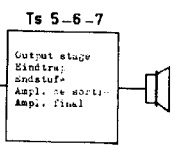
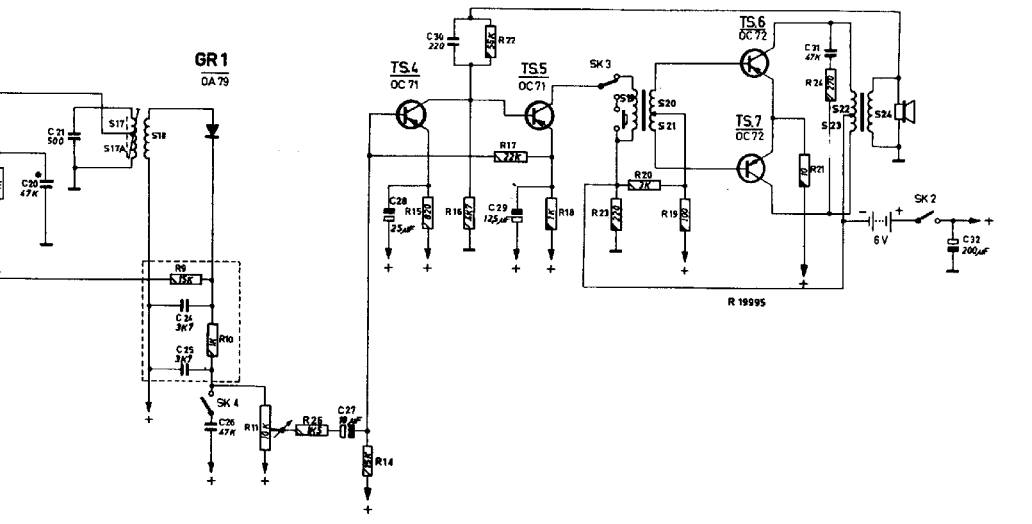
*** Via couple winding
Koppelwicklung
Kopplungwicklung
enroulement de couple
arrollamiento de acople

S	5, 3, 1, 7, 8, 9, 10, 11, 12, 6, 4, 2																		
C	12, 22, 6,	10, 7, 12, 11, 23,	5, 4, 2, 2,	3	9	8,	14,	15,	13, 14,	16, 17,	18,	15, 15a, 16,	19,	20,	21,				
R				25,	12,	1, 2,	3,	13,	4,	5,	6,	7,	8,						



L2X00T

20	21	17, 17a, 18	24, 25, 26	27	28	30	29	19	20	21	22	23	24
			9, 10	11	26	14	15	16	22	17	18	23	20
												19	21
													24
													31
													21
													24
													27
													32



R 198 91

R 199 23

Mit den folgenden Ausnahmen sind die Ausführungen 02L-02R-02W, 62L-62R-62W und 65L-65R-65W gleich den Ausführungen 00L-00R-00W.

Verfallen:

Zwischenfrequenz		452 kc/s
Drehkondensator	C1-C2	A3 173 81
Stabantenne	S1-S2-S3-S4	A3 176 61
Kondensator	C12	908/6E
Kondensator	C13	905/91E+6E2
Kondensator	C22	905/220E+8E2
Kondensator	C33	904/12E
Skala		A3 969 95

Hinzugefügt

Zwischenfrequenz	-02L-02R-02W	452 kc/s
	-62L-62R-62W	460 kc/s
	-65L-65R-65W	470 kc/s
Drehkondensator	C1-C2	490 02 54
Stabantenne	S1-S2-S3-S4	A3 277 95
Kondensator	C12	908/12E
Kondensator	C13	905/100E+8E2
Kondensator	C22	905/220E+12E
Kondensator	C33	904/15E
Skala		A3 971 83

Salvo las excepciones siguientes, los modelos 02L-02R-02W, 62L-62R-62W y 65L-65R-65W son iguales a los modelos 00L-00R-00W.

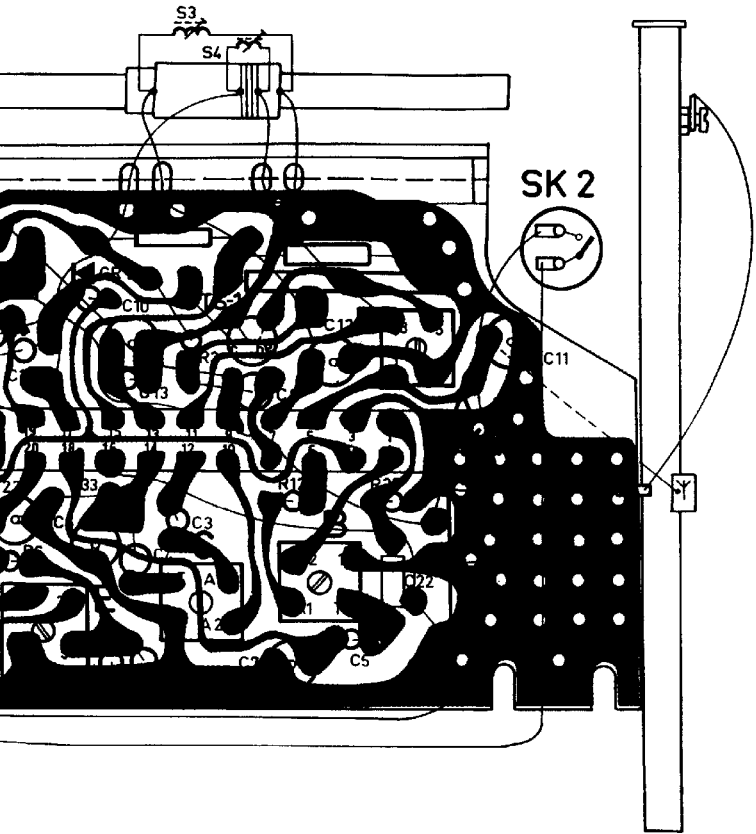
Suprimidos

Frecuencia intermedia		452 kc/s
condensador variable	C1-C2	A3 173 81
antena de barra	S1-S2-S3-S4	A3 176 61
condensador	C12	908/6E
condensador	C13	905/91E+6E2
condensador	C22	905/220E+8E2
condensador	C33	904/12E
Cuadrante		A3 969 95

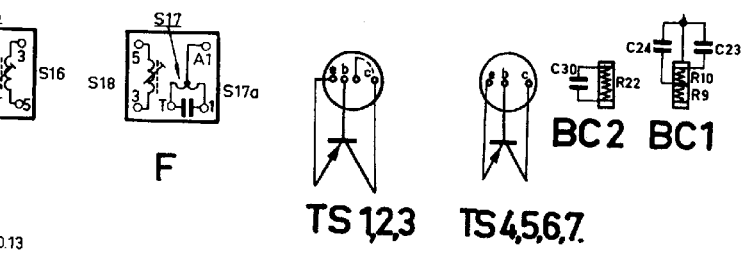
Agregados

Frecuencia intermedia	-02L-02R-02W	452 kc/s
	-62L-62R-62W	460 kc/s
	-65L-65R-65W	470 kc/s
condensador variable	C1-C2	490 02 54
antena de barra	S1-S2-S3-S4	A3 277 95
condensador	C12	908/12E
condensador	C13	905/100E+8E2
condensador	C22	905/220E+12E
condensador	C33	904/15E
Cuadrante		A3 971 83

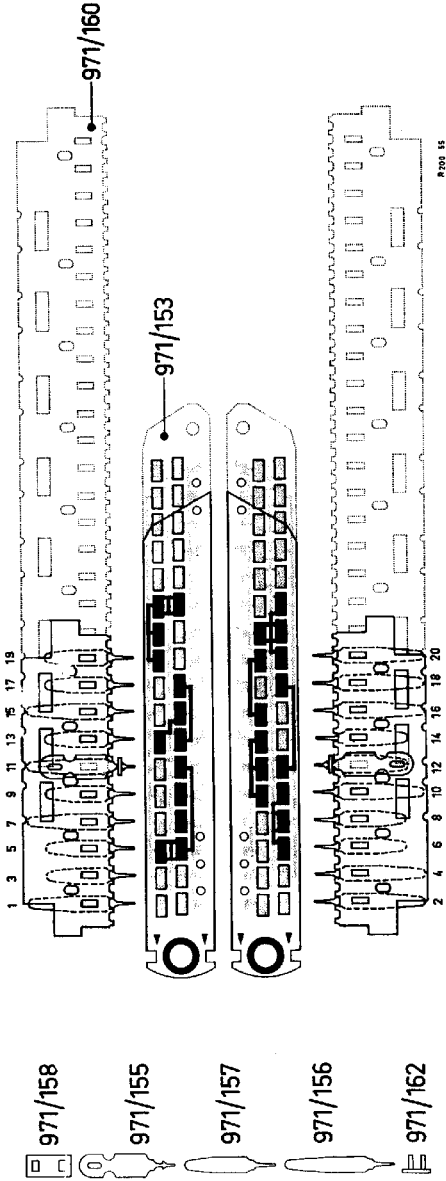
2X00T



R200.12



0.13



Cabriel	OR - black OOL - red OOW - orange	A3 961 32 A3 056 89 A3 961 48	Caja	OR - negro OOL - rojo OOW - anaranjado	A3 961 32 A3 056 89 A3 961 48
Cover	OOR OOL OOW	A3 348 54 A3 056 90 A3 348 57	Cubiertas	OOR OOL OOW	A3 348 54 A3 056 90 A3 348 57
Foot	A3 830 45		Pie	A3 830 45	
Aerial	A3 832 25		Antena	A3 832 25	
Drill in cover	A3 833 35		Regilla en cubierta	A3 833 35	
Handle	A3 687 34		Ass	A3 687 34	
Button for fixing aerial	P5 172 55/152/HA		Manguito para fijar antena	P5 172 55/152/HA	
Battery box	P5 172 51/159/HA		Caja de pila	P5 172 51/159/HA	
Battery holder	A3 957 02		Forra-pila	A3 957 02	
Spring in battery box	P4 078 18/799/AA		Resorte en porta-pila	P4 078 18/799/AA	
Knob (1)	P5 260 70/148/HA		Botón (1)	P5 260 70/148/HA	
Knob (2)	P5 260 69/352/HA		Botón (2)	P5 260 69/352/HA	
Knob (3)	P5 411 83/352/NE		Corredora (4)	P5 411 83/352/NE	
Slide (4)	P4 078 19/417/WS		Botón (5)	P4 078 19/417/WS	
Knob (5)	A3 957 04		Fleca para regulador de tono	A3 957 04	
Plate for tone switch	P4 095 14/799/AA		Tambor de arrastre	P4 095 14/799/AA	
Driving drum	A3 966 24		Enchufe hembra (auriculares)	A3 966 24	
Connect plate (earphone)	A3 216 07		Ventana ornamental	A3 216 07	
Acoustical window	B 055 0K/5x10		Tornillo para fijar cubierta	B 055 0K/5x10	
Arrow fixing cover	F 073 AA/01		Interruptor	F 073 AA/01	
Coil switch	A3 969 95		Cuadrante	A3 969 95	
Coil (cur.)					

S1	Rod aerial (RW-LW)	S13	I.F. Band pass filter	S22	Ontrent transformator	
S2	Stations (RG-LG)	S14	M.P. Bandfilter	S23	Uitgegens transformator	
S3	Antennepale (KW)	S15	Z.F. Bandfilter	A3 154 40	ausgegengstransformator	
S4	Cadre ferruzinha (20-40)		Filtre passe bande M.P.	S24	Transformateur de sortie	
	Antena de varilla (04+0L)		Transformador de P.I.		Transformador de salida	
S5	Aerial coil (SW)	S15	I.F. Band pass filter			
S6	Antennespoel (KG)	S15a	M.P. Bandfilter	R11	...on pot. meter	
	Antennepale (KW)	S16	Z.F. Bandfilter	B1 530 28	Kohlpotentiometer	
	Bobina de antena	C18	Filtre passe bande M.P.		Pot. metre au carbone	
			Transformador de P.I.			
S7	Oscillator coil (RW-LW)	S17	I.F. Band pass filter	R9	C26	B1 655 09
	Oscillatortrospel (KG)	S17a	M.P. Bandfilter	R10	C27	909/W10
S8	Oscillatortrospel (MG-LG)	S18	Z.F. Bandfilter	E 556 2Z/01	C28	C 426 AM/P25
	Oscillatortrospale (KW)	S18a	Filtre passe bande M.P.		C29	C 426 AM/G12,5
	Bobina d'oscillateur (20+00)	C21	Transformador de P.I.	E 551 2Z/04	C31	B1 655 09
					C32	909/W200
S10	Oscillator coil (SW)	S19	Input transformer			
	Oscillatortrospel (KG)	S20	Ingangstraf			
S11	Oscillatortrospale (KW)	S21	Zingangstraf			
	Bobina d'oscillateur (00)	S22	Trafo de adphasage			
S12	Bobina de oscilador (00)		Transformador de entrada			

Yari/CB

PHILIPS Service

RADIO

L2X00T/02L/02R/02W
/62L/62R/62W
/65L/65R/65W



With the following exceptions the versions 02L-02R-02W, 62L-62R-62W and 65L-65R-65W are identical to the versions 00L-00R-00W.

Delete:

Intermediate frequency		452 kc/s
Variable capacitor	C1-C2	A3 173 81
Rod aerial	S1-S2-S3-S4	A3 176 61
Capacitor	C12	908/6E
Capacitor	C13	905/91E+6E2
Capacitor	C22	905/220E+8E2
Capacitor	C33	904/12E
Dial		A3 969 95

Add:

Intermediate frequency	-02L-02R-02W	452 kc/s
	-62L-62R-62W	460 kc/s
	-65L-65R-65W	470 kc/s
Variable capacitor	C1-C2	490 02 54
Rod aerial	S1-S2-S3-S4	A3 277 95
Capacitor	C12	908/12E
Capacitor	C13	905/100E+8E2
Capacitor	C22	905/220E+12E
Capacitor	C33	904/15E
Dial		A3 971 83

Met de volgende uitzonderingen zijn de uitvoeringen 02L-02R-02W, 62L-62R-62W en 65L-65R-65W gelijk aan de 00L-00R-00W uitvoeringen.

Afvoeren

Middenfrequentie		452 kc/s
variabele condensator	C1-C2	A3 173 81
Staaftenne	S1-S2-S3-S4	A3 176 61
Condensator	C12	908/6E
Condensator	C13	905/91E+6E2
Condensator	C22	905/220E+8E2
Condensator	C33	904/12E
Schaal		A3 969 95

Toevoegen

Middenfrequentie	-02L-02R-02W	452 kc/s
	-62L-62R-62W	460 kc/s
	-65L-65R-65W	470 kc/s
Variable condensator	C1-C2	490 02 54
Staaftenne	S1-S2-S3-S4	A3 277 95
Condensator	C12	908/12E
Condensator	C13	905/100E+8E2
Condensator	C22	905/220E+12E
Condensator	C33	904/15E
Schaal		A3 971 83

Sauf les exceptions suivantes les exécutions 02L-02R-02W, 62L-62R-62W et 65L-65R-65W sont identiques aux exécutions 00L-00R-00W.

Supprimer

Moyenne fréquence		452 kc/s
Condensateur variable	C1-C2	A3 173 81
Antenne en bâton	S1-S2-S3-S4	A3 176 61
Condensateur	C12	908/6E
Condensateur	C13	905/91E+6E2
Condensateur	C22	905/220E+8E2
Condensateur	C33	904/12E
Cadran		A3 969 95

Ajouter

Moyenne fréquence	-02L-02R-02W	452 kc/s
	-62L-62R-62W	460 kc/s
	-65L-65R-65W	470 kc/s
Condensateur variable	C1-C2	490 02 54
Antenne en bâton	S1-S2-S3-S4	A3 277 95
Condensateur	C12	908/12E
Condensateur	C13	905/100E+8E2
Condensateur	C22	905/220E+12E
Condensateur	C33	904/15E
Cadran		A3 971 83

SERVICE INFORMATION																			
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PHILIPS

Model L2X00T

General Description: Seven-transistor (plus two crystal diodes), three-waveband portable receiver with provision for earphone listening and telescopic aerial to improve short-wave reception. Known also as **Model 200T**.

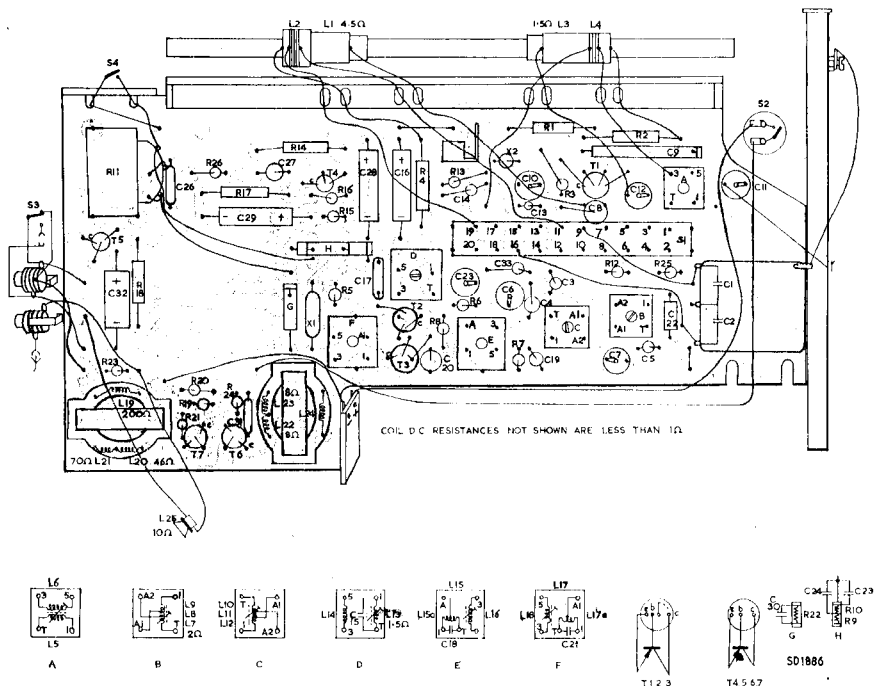
Power Supply: Four 1.5-volt cells (D14, U12, V0030 or V0028). Consumption 20 mA. for 100 mW. output.

Transistors: (T1) AF116 (or OC170); (T2) AF117 (or OC169); (T3) AF117 (or OC169); (T4) OC71; (T5) OC71; (T6, T7) matched OC72. Diodes: (X1) OA79 (detector); (X2) OA79 (mixing diode).

Wavebands: M.W. 185-580 m.; L.W. 1150-2000 m.; S.W. 19.4-51 m.

I.F. and Trimming Frequencies: I.F. 452 kc/s. (L17/18), 453.5 kc/s. (L15/16), 450.5 kc/s. (L13/14). L.W. 148 kc/s. (L7/8/9), 158.5 kc/s. (L1), 250 kc/s. (C10), 262 kc/s. (C23). M.W. 1635 kc/s. (C7, C12), 517 kc/s. (L3). S.W. 5.8 Mc/s. (L10/11/12, L5/6), 15.2 Mc/s. (C11), 15.6 Mc/s. (C6).

Notes: Headphone type AF9001/11. A counterpoise earth lead is supplied to overcome effect of hand capacitance; this lead should be plugged



COMPONENT LAY-OUT AND CONNECTIONS

into socket below headphone socket and will improve reception on all wavebands.

Dismantling: *To separate cabinet.* Place receiver face downwards on soft cloth. Remove two screws at back of receiver. Unscrew wavechange knob, remove two screws above tuning knob and two screws above volume control. Battery compartment flap may now be removed and front section of cabinet lifted away. When recasing it is important to ensure that locating lugs and sockets on their respective mouldings interlock correctly. *To remove chassis.* Unsolder following leads: battery negative, speaker, S4, two sockets, telescopic aerial, panel end of red lead to S2. After removing two screws (one below gang, other above volume control) chassis may be lifted clear.