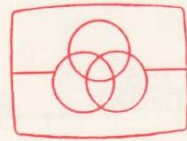


Radio 90AL466/00/45

Service
Service
Service

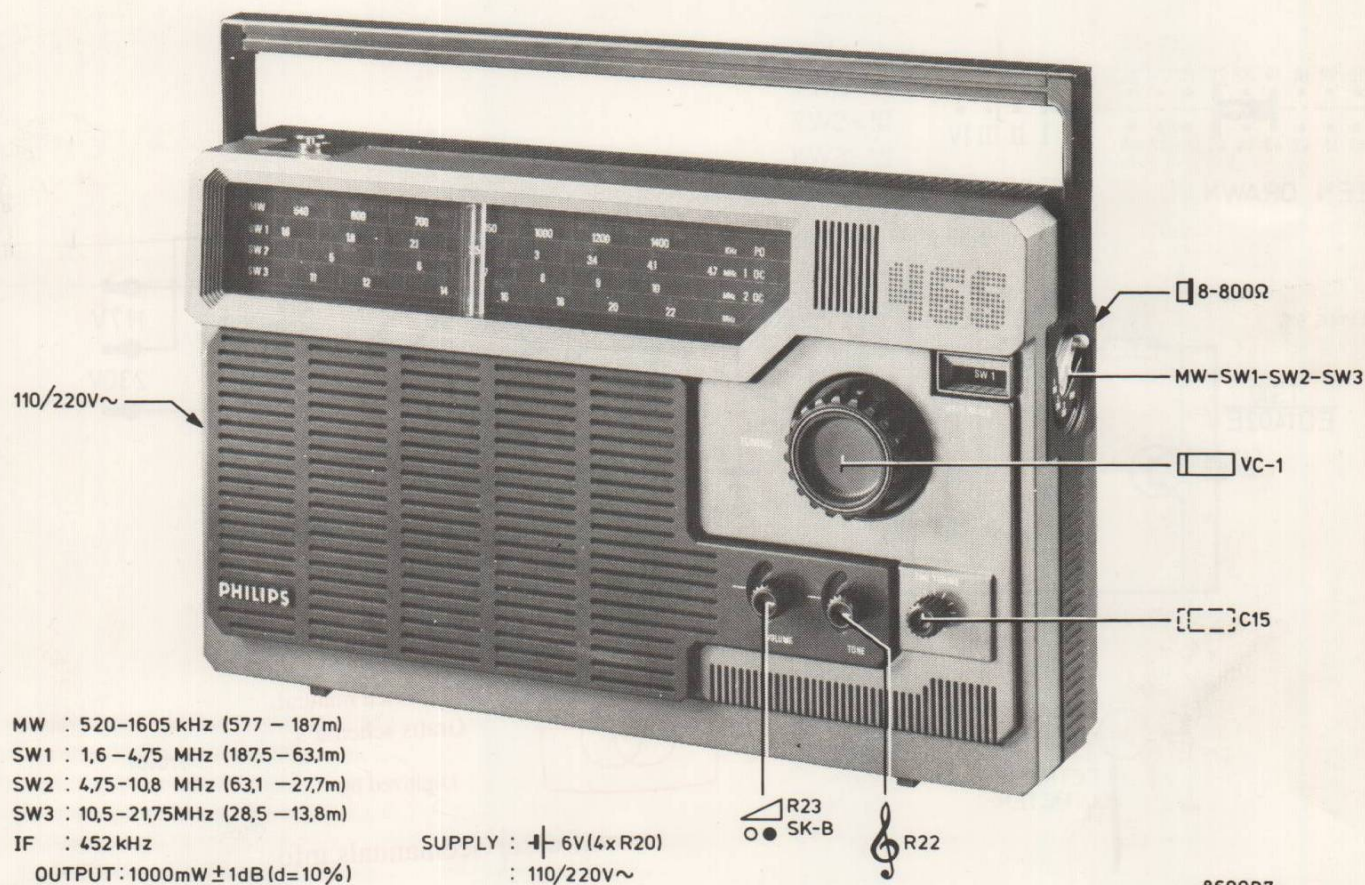


Free service manuals
Gratis schema's

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Service Manual



WAVE RANGE SK	SIGNAL TO	VARICAP	ADJUST	INDICATION
MW (520~1605 KHz)	452 KHz	A	MIN. S12 S11 S10 S9	MAX.
MW (520~1605 KHz)	512 KHz 1635 KHz 580 KHz 1400 KHz	B	MAX. MIN. TUNE IN	S6 CT7 S1a,b CT1
SW1 (1.6~4.75 MHz)	1.55MHz 4.8 MHz 1.7 MHz 4.5 MHz		MAX. MIN. TUNE IN	S7 CT6 S2a,b CT2
SW2 (4.75~10.8 MHz)	4.5 MHz 11 MHz 4.8 MHz 10.3 MHz	C	MAX. MIN. TUNE IN	S8 CT5 S4 CT3
SW3 (10.5~21.75 MHz)	11 MHz 22 MHz		TUNE IN	S5 CT4
REPEAT - HERHALEN - REPETER - WIEDERHOLEN - RICOMINCIARE - REPETERA GENTAGE - GJENTAGELSE - TOISTA				

(GB) Push in the telescopic aerial.
Set fine-tune control C15 in central position.
Inject on point $\diamond$ via a 12 pF capacitor.

(F) Enfoncer l'antenne télescopique.
Positionner le régleur fin C15 au centre
Injecter au point $\diamond$ à travers un condensateur de 12 pF.

(I) Spingere l'antenna telescopica.
Regolare il controllo fine C15 in posizione media.
Iniettore al punto $\diamond$ attraverso un condensatore di 12 pF.

(DK) Skub teleskopantennen ind.
Sæt finafstemningen i midterstilling.
Tilføj punkt $\diamond$ via en 12 pF kondensator.

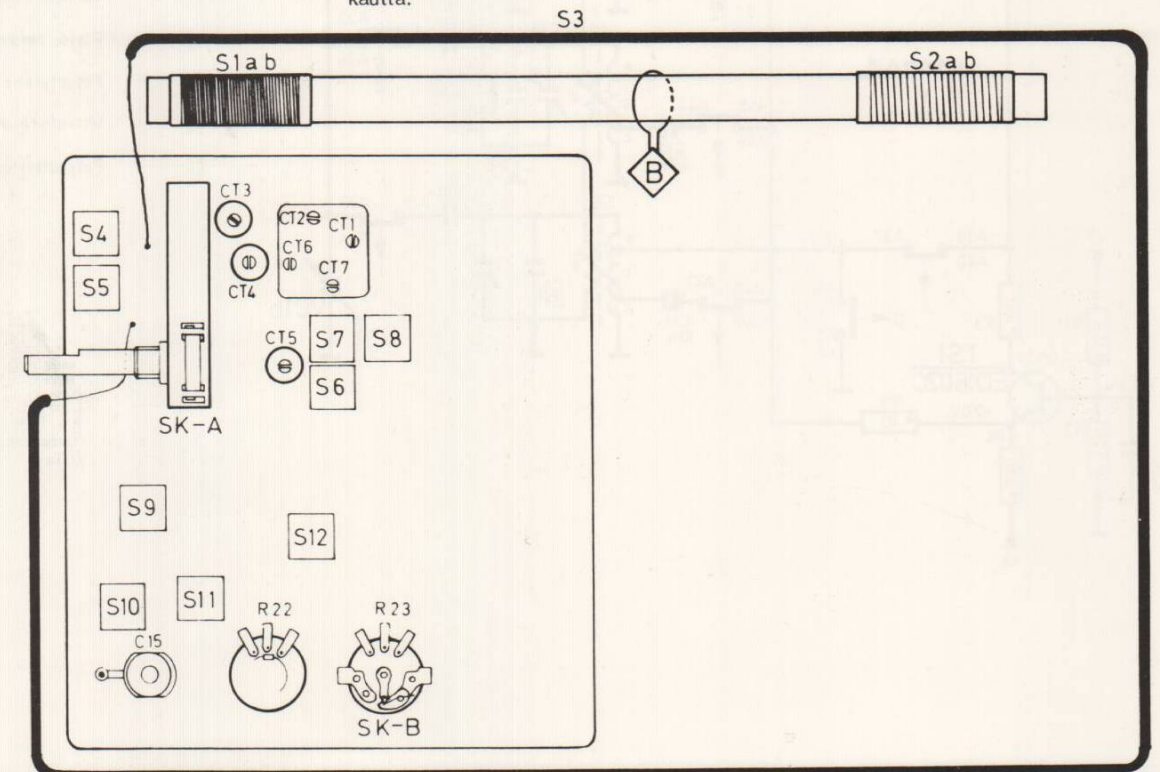
(NL) Injecteren op $\diamond$ via een 12 pF capacitor met de
telescoop-antenne ingeschoven en fine-tune regelaar C15
in de middenstand.

(D) Die Teleskopantenne einschieben.
Den Feinabstimmregler C15 an Mittelstellung schalten.
Injizieren an Punkt $\diamond$ über einen 12-pF Kondensator

(S) Skjut in teleskopantennen.
Ställ fininställningen i mittläge
Anslut till punkt $\diamond$ via en kondensator på 12 pF.

(N) Skyv inn teleskopantennen.
Sett fin-avstemningen i midtstilling.
Tilføj signal til punkt $\diamond$ via en kondensator på 12 pF.

(SF) Työnnä teleskooppiantenni sisään.
Aseta hienovirityssäädin keskiasentoon
Syötä signaali pisteeseen $\diamond$ 12 pF:n kondensaattorin
kautta.



CS55529

TS8

e	2.9 V
b	3.0 V
c	5.8 V

TS11

e	6.0 V
b	5.8 V
c	5.8 V

TS5

e	3.4 V
b	4.0 V
c	5.1 V

TS9

e	2.9 V
b	2.7 V
c	0 V

TS7

e	2.7 V
b	2.0 V
c	0 V

TS10

e	0 V
b	0.6 V
c	2.4 V

TS1

e	2.0 V
b	1.5 V
c	0.07 V

TS2

e	0.4 V
b	1.0 V
c	5.6 V

TS3

e	0.4 V
b	1.0 V
c	4.0 V

TS4

e	0 V
b	0.6 V
c	5.3 V

TS6

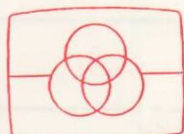
e	5.8 V
b	5.1 V
c	2.0 V

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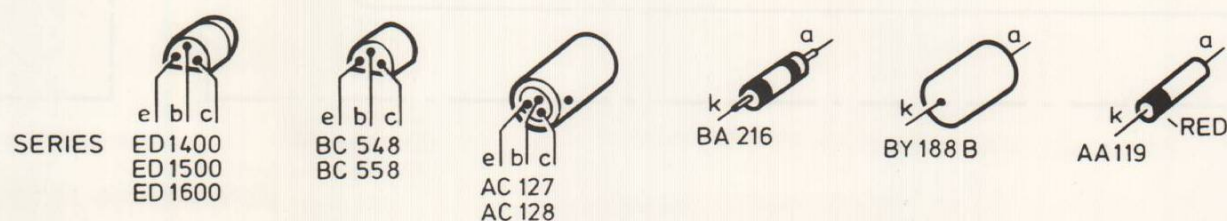


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Gratis schema's

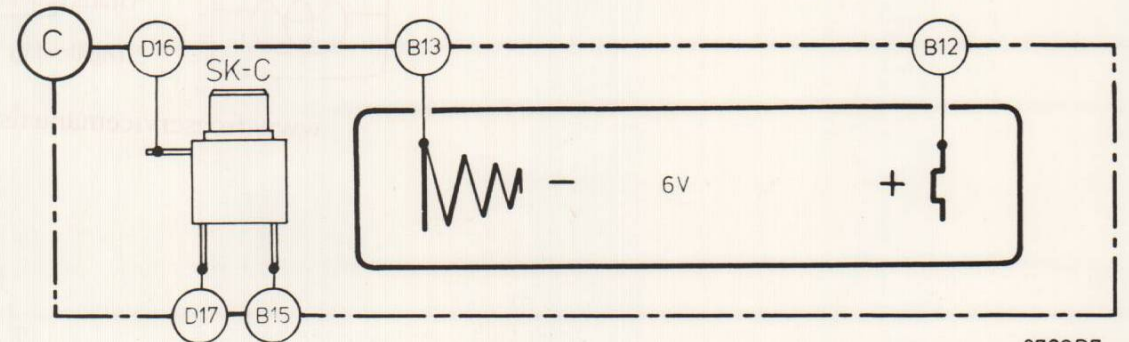
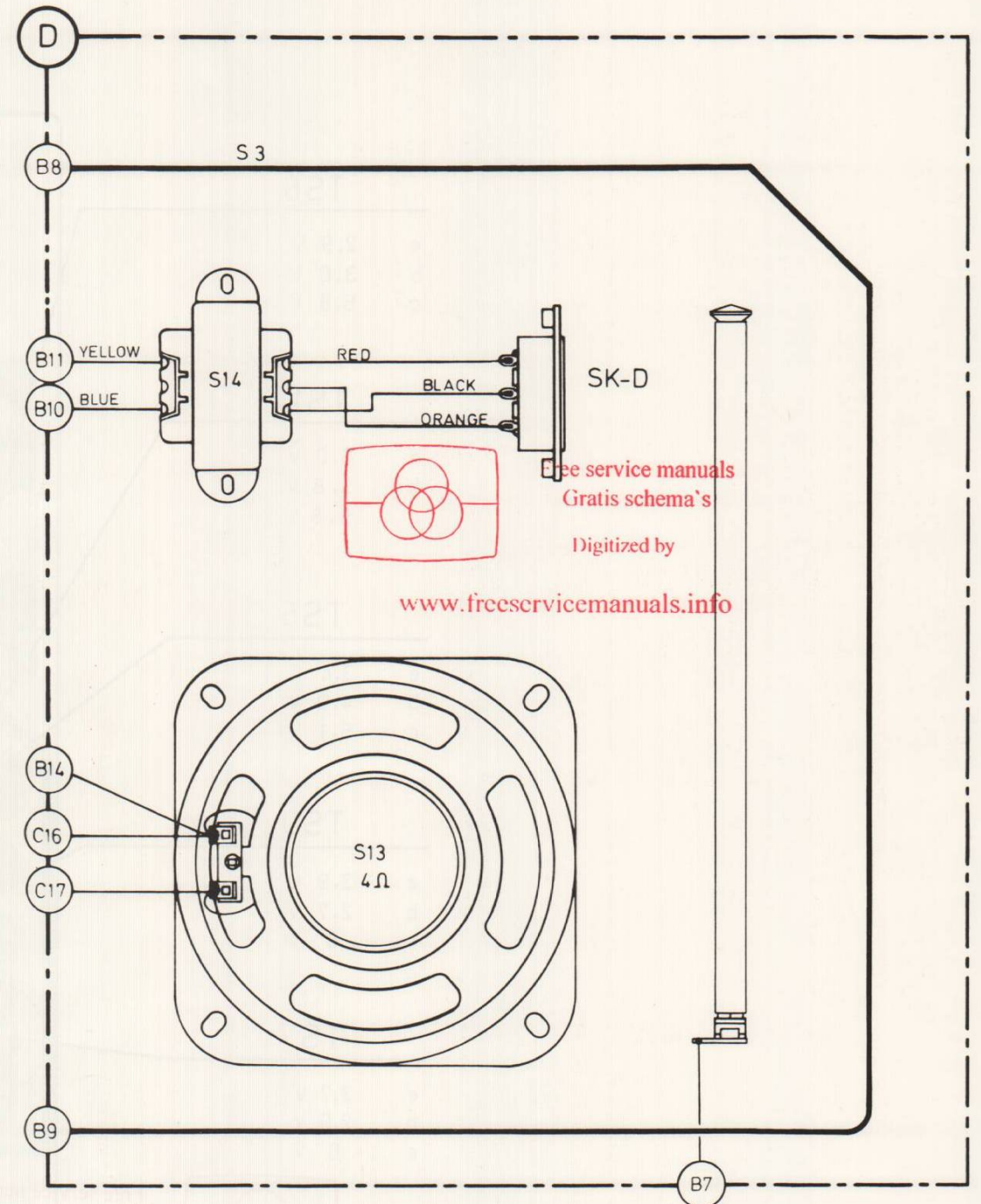
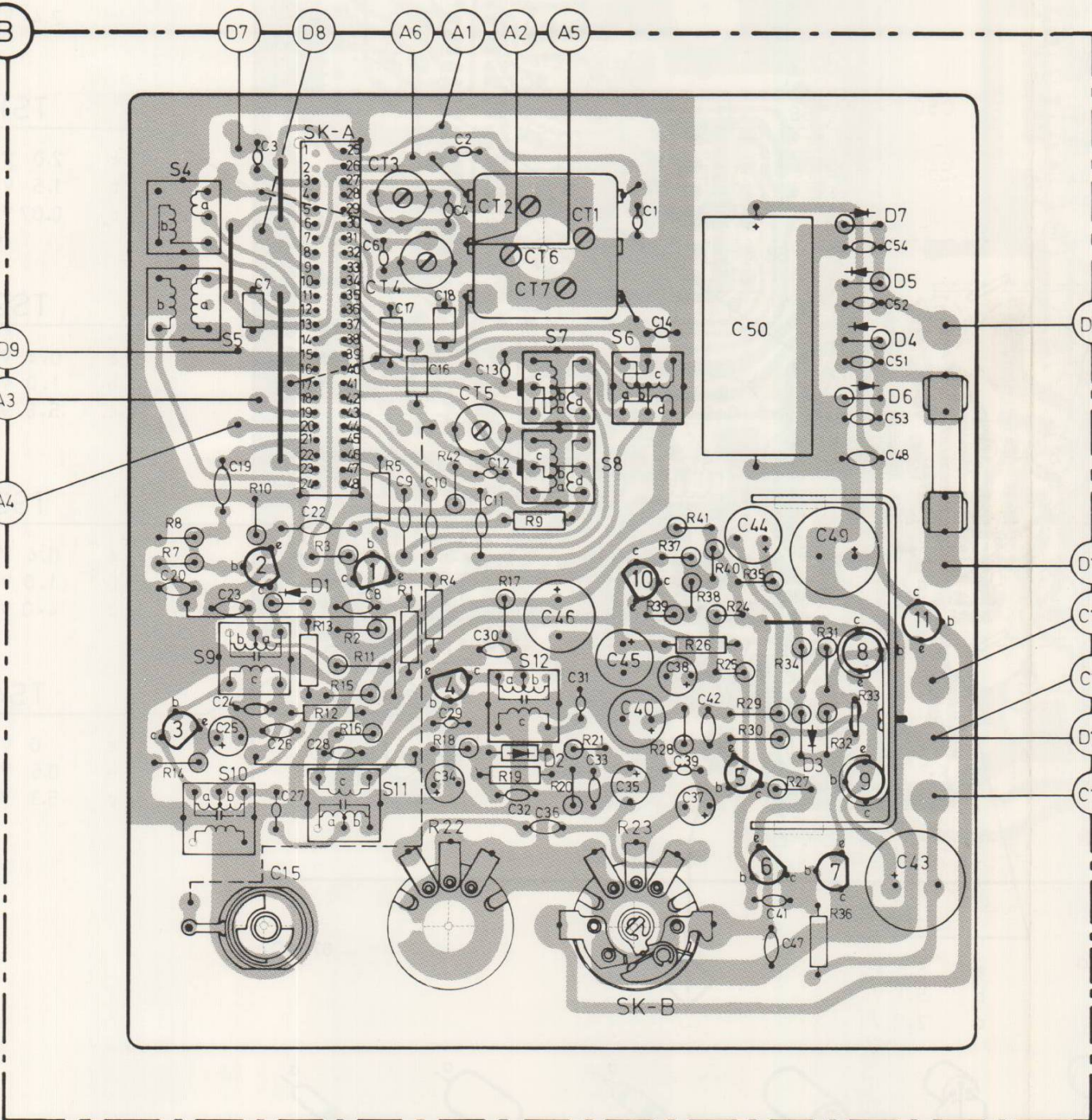
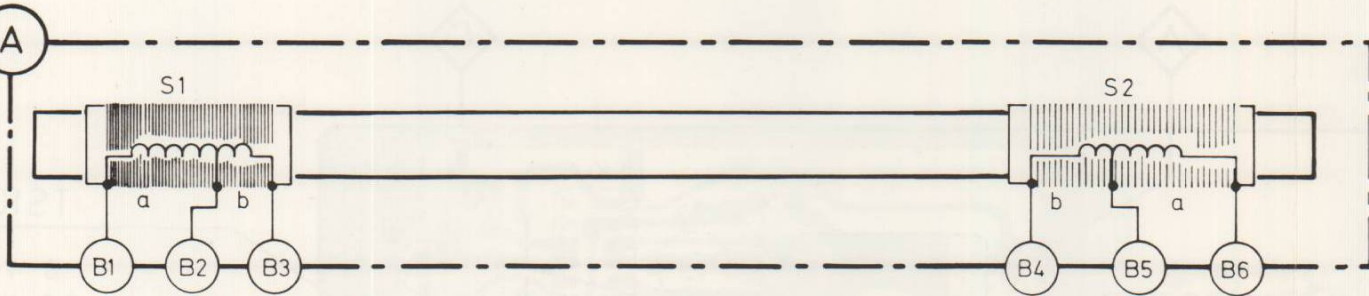
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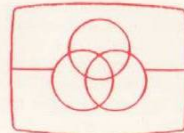
www.freeservicemanuals.info

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S	1a	4	5	1b	10	9	11	12	8	7	6	2	b	2a	14	3	13	S												
C	20	19	23	7	3	26	15	22	8	6	9	16	18	2	12	13	46	31	45	1	14	39	42	50	41	49	54	51	48	C
C	25	24	27	28	17	10	29	34	4	11	30	32	36	33	35	40	38	37	44	47	52	53	43	C						
R	8	14	10	3	15	2	5	4	42	17	9	21	39	37	41	40	35	29	34	31	33	R								
R	7	13	12	16	11	1	18	22	19	20	23	28	38	26	24	25	30	27	36	32	R									





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8833E12

51	4822 303 30179
52	4822 265 30124
53	4822 423 50262
54	4822 267 30043
55	4822 413 50901
56/00	4822 321 10105
56/45	4822 321 10169
57	4822 404 10332
58	4822 404 10331
59	4822 528 80634
61	4822 459 40428
62	4822 413 10127
63a,b,c	4822 498 40383
64a,b	4822 422 30087
65	4822 492 51068
66	4822 460 10389
67	4822 321 30214
68a,b	4822 528 80635
69a,b,c	4822 691 10231
70	4822 411 20226
71	4822 492 61971
72	4822 423 40428
73	4822 450 80458

ELECTRICAL PARTSLIST

-TS-		
TS1	ED1602C (BC558A)	4822 130 40962
TS2	ED1502C (BF494)	5322 130 44195
TS3	ED1402B (BC548A)	4822 130 40948
TS4	ED1402C (BC548)	4822 130 40938
TS5	ED1402D (BC548)	4822 130 40938
TS6,7	ED1602D (BC558A)	4822 130 40962
TS8,9	2SD352/2SB324 (AC127/128)	5322 130 40382
TS10	ED1402E (BC548C)	5322 130 44196
TS11	2SB324 (AC128)	5322 130 40095
-D-		
D1	1N60 (AA119)	5322 130 40229
D2	CDG00 (BA216)	5322 130 30702
D3	CDG24 (BA216)	5322 130 30702
D4-7	1N4001 (BY188B)	4822 130 30829
-S-		
S1	MW-Aerial coil	4822 158 60398
S2	SW-1 Aerial coil	4822 158 60399
S4	SW-2 Aerial coil	4822 156 40635
S5	SW-3 Aerial coil	4822 156 40636
S6	MW-Osc. coil	4822 156 30549
S7	SW-1 Osc. coil	4822 156 30455
S8	SW-2/3 Osc. coil	4822 156 30454
S9	AM-IF coil	4822 156 30407
S10,11	AM-IF coil	4822 153 10287
S12	AM-IF coil	4822 153 10232
S13	Loudspeaker 4 Ω 4"	4822 240 30088
S14	Mains transformer	4822 145 30172
-R-		
R22	Tone control 20 k Ω lin.	4822 101 30326
R23	Volume control 20 k Ω log. + SW	4822 101 50208
R33	Thermistor D1E	4822 116 30181
-C-		
C4,6	Cer.cap. 30 pF - 5 %	4822 122 40099
C19,32,33	Cer.cap. 10 KpF-20%	4822 122 30043
C24,28	Cer.cap. 20 KpF-20%	4822 122 30103
C8,20,22, 23,26,30, 36,47,48	Cer.cap. 40 KpF-20%	4822 122 31152
C15	Fine tuner	4822 125 60075
CT3,4	Trimmer 10 pF	4822 125 50062
CT5	Trimmer 20 pF	4822 125 50045
VC-1	Varco	4822 125 20184
-Miscellaneous-		
	Fuse 315 mA delayed	4822 253 30014
	Rod aerial 200x10 mm	4822 526 10107

GB

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

NL

Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.

(F)

Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

(D)

Die Sicherheitsvorschriften erfordern, dass das Gerät sich nach der Reparatur in seinem originalen Zustand befindet und dass die benutzten Einzelteile den aufgeführten Teilen identisch sind.

Korjatessa laitetta on turvallisuussyistä ehdottomasti eneteltävä oikein ja käytettävä tehtaan määräämiä alkuperäisvaraosia.

CS55533

I

Le norme di sicurezza esigono che l'apparecchio venga rimesso nelle condizioni originali e che siano utilizzati i pezzi di ricambio identici a quelli specificati.

§

Säkerhetsbestämmelserna kräver att varje reparation skall utföras korrekt med hänsyn till ursprunglig placering av komponenter, ledningar etc. och med användning af föreskrivna reservdelar.

DK

Myndighedernes sikkerheds- og radiostøjbestemmelser kræver, at enhver reparation skal udføres korrekt m.h.t. overholdelse af originalplacering og montering af komponenter, ledningsbundter, etc., og ved anvendelse af de foreskrevne reservedele.

(N)

Sikkerhetsbestemmelser kreves at apparatet blir gjenopprettet til original utførelse og at deler som er identiske med de som er spesifisert, blir benyttet.

Servicemededeling

PHILIPS NEDERLAND B.V. - EINDHOVEN
TECHNISCHE SERVICE

Ref. R 408

Type 90AL466; 90AL765
22AH871; 22AH970

Datum april 1978

RADIO

```
90AL466  Het bestelnummer van de bandschakelaar luidt: 4822 277 20209
90AL765  Het juiste bestelnummer van de Ferrite Inductor 8,2uH moet zijn:
         4822 157 50859
```

22AH871 U gelieve in de documentatie de bestelnummers van de volgende onderdelen te wijzigen:

R 3255,R 3256 in 4822 102 30272

R 3259,R 3260 in 4822 102 30269

R 3269, R 3270 in 4822 102 30271

22AH970 Het juiste bestelnummer voor R 3253 luidt: 4822 101 20507



PHILIPS