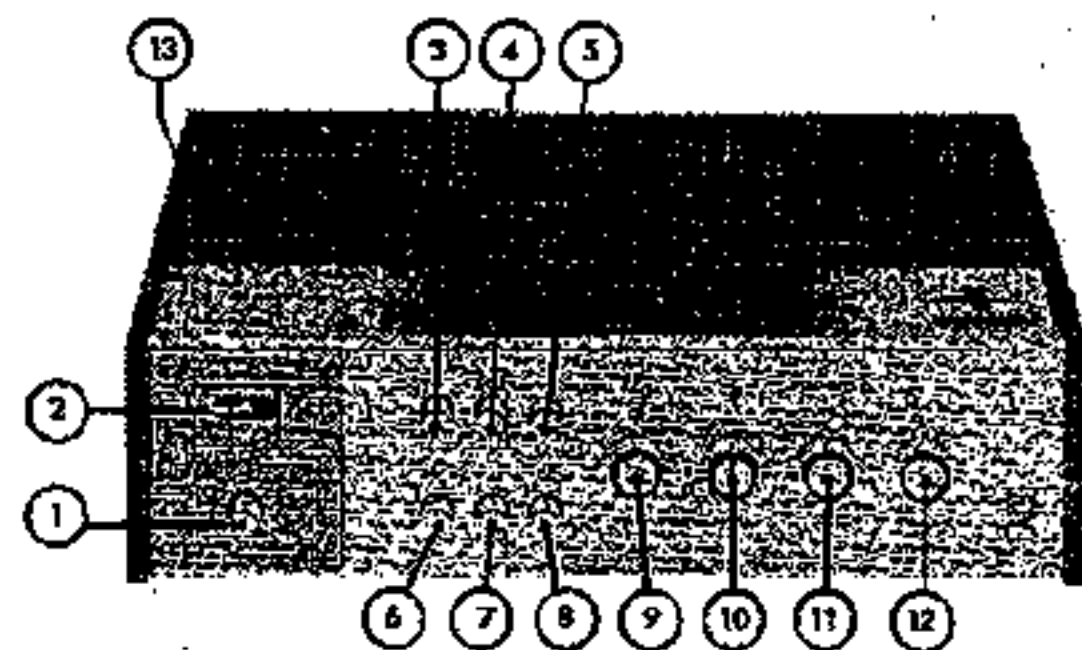


Hi-Fi 22RH590

00T/00Z/15T/16Z/22Z/33T/43T



Dimensions: 360 x 87 x 225 mm

TRA3571

PHILIPS



On/off switch
Aan/uitschakelaar
Comm. marche/arrêt
Ein/Aus-Schalter
Interruptor
Interruttore
Till/från omkopplare
Afbryder
På/Av vender
On/oi kytkin

SK-A

Mono/stereo switch
Mono/stereo schakelaar
Comm. mono/stéréo
Mono/Stereo Schalter
Comm. mono/estéreo
Comm. monofonia/stereofonia
Mono/stereo omkopplare
Mono/stereo-omskifter
Mono/stereo-vender
Mono/stereo kytkin

SK-H

Balance control
Balansregelaar
Equilibreur
Symmetrieeinsteller
Reg. de equilibrio
Equilibrio
Balanskontroll
Balancekontroll
Halanskontroll
Tasauskäädin

R575

On/off indicator
Aan/uit indikator
Indicateur marche/arrêt
Ein/Aus-Indikator
Indicador de red
Indicatore de rete
Nät-indikator
Kontrolllys
Nettindikator
Merkkivalo

LA427

P. U. switch
P. U. schakelaar
Comm. de P. U.
T. A. -Schalter
Comm. de fonocaptor
Comm. giradischi
Grammofon omkopplare
P. U. -omskifter
P. U. -vender
Äänrasia kytkin

SK-B

Bass control
Lagetonenregelaar
Commande des basses
Basseinsteller
Reg. de tonos graves
Bassi
Baskontroll
Baskontrol
Basskontrolli
Mataliensäädin

R607

Rumble switch
Rumble-schakelaar
Comm. de anti-ronflement
Rumpelschalter
Comm. de zumbido
Interruttore rumble
Rumble omkopplare
Rummel-omskifter
Rumbel-vender
Rumble kytkin

SK-G

Tuner switch
Tuner-schakelaar
Comm. d'accord
Abstimmshalter
Comm. de sintonizador
Comm. di sintonizzazione
Tuner-omkopplare
Afstemming omskifter
Tuner-vender
Virikin kytkin

SK-D

Treble control
Hogetonenregelaar
Commande des aigus
Hochtoneinsteller
Reg. de tonos agudos
Acuti
Diskantkontroll
Diskantkontrol
Diskantkontrolli
Korkoidensäädin

R615

Scratch switch
Scratch-schakelaar
Comm. de antiparasite
Kratzschalter
Comm. de ruido
Interruttore scratch
Rasp omkopplare
Nålestøf-omskifter
Scratch-vender
Scratch kytkin

SK-F

Recorder switch
Magnetofon-schakelaar
Comm. magnétophone
T. B. Schalter
Comm. de magnetofono
Interruttore registratore
Bandspelar-omkopplare
Båndoptager-omskifter
Båndoptaker-vender
Nauhuri kytkin

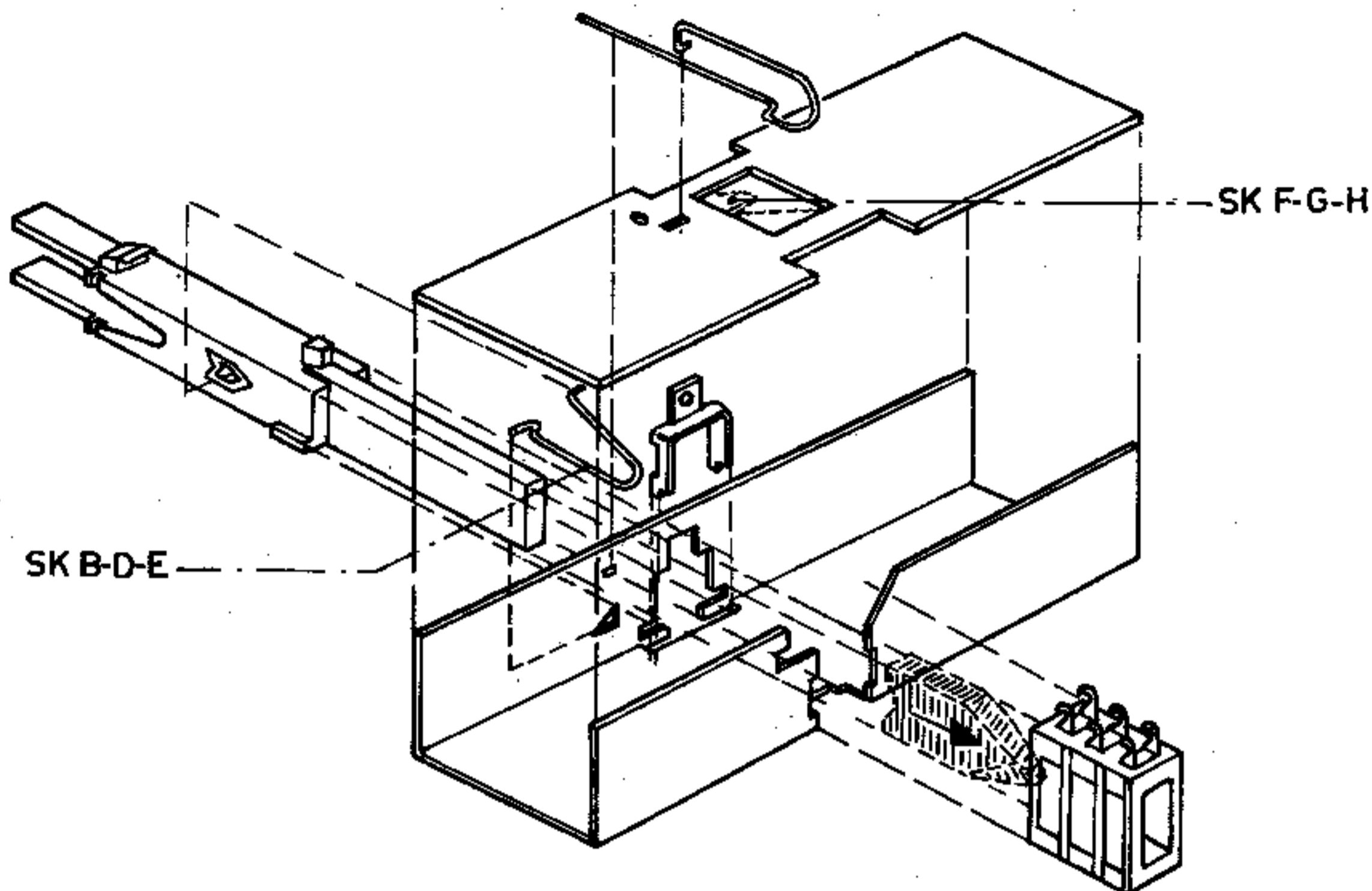
SK-E

PU switch
(magn. X-tal)
P. U. schak.
(dyn-kristal)
Comm. P. U.
(dyn-cristal)
T. A. -Schalter
(dyn-Kristall)
Comm. tocadiscos
(din-cristal)
Int. giradischi
(magn. X-tal)
Gramm. omkopplare
(magn-kristall)
Omskifter P. U.
(dyn.-Krystal)
P. U. vender
(magn. X-tall)
Äänrasia kytkin
(dyn-kide)

SK-J

Volume control
Volumeregelaar
Commande de volume
Lautstärkeinsteller
Control de volumen
Controlo del volume
Volymkontroll
Volumenkontroll
Volumkontroll
Voimakkuussäädin

R585



TRA 3458

Immediately after switching on the set, adjust the collector current of TS415b and TS416b to 30-33 mA d. c. with the aid of R643 and R644. After adjustment, these currents may increase to 40 mA.

Onmiddellijk na het inschakelen van het apparaat, m. b. v. R643 en R644 de collectorstroom van TS415b respectievelijk TS416b instellen op 30-33 mA. Deze collectorstroom kunnen na instelling oplopen tot 40 mA.

Immédiatement après la mise en service de l'appareil, au moyen de R643 et R644 régler les courants collecteurs de TS415b resp. TS416b sur 30-33 mA. Après réglage les courants collecteurs peuvent être augmentés jusqu'à 40 mA.

Direkt nach Einschalten des Gerätes die Kollektorströme von TS415b bzw. TS416b mit R643 und R644 auf 30...33 mA einstellen. Die Kollektorströme können nach Einstellung bis zu 40 mA ansteigen.

Immediatamente después de poner en marcha el aparato, ajustar con R643 y R644 las corrientes de colector de TS415b y TS416b a 30-33 mA. Después del ajuste, estas corrientes de colector pueden aumentar hasta 40 mA.

Immediatamente dopo la messa in marcia dell apparecchio, con R643 e R644, regolare le correnti del collettore di TS415b e TS416b su di 30-33 mA. Dopo regolazione le correnti del collettore possono essere alzate fino ai 40 mA.

Omedelbart efter att mottagaren tillsläppts, justeras kollektorströmmen för TS415b och TS416b till 30-33 mA med R643 resp. R644. Efter justeringen kan dessa strömmar tillåtas att öka till 40 mA.

Straks apparatet er tændt, justeres kollektorstrømmen i TS415b og TS416b til 30-33 mA, henholdsvis med R643 og R644. Efter justering må disse strømme stige til 40 mA.

Straks apparatet er slått på, justeres kollektorstrømmen til TS415b og TS416b til 30-33 mA med henholdsvis R643 og R644. Etter justering kan disse strømmene øke til 40 mA.

Välittömästi laitteon päällekytkemisen jälkeen säädetään TS415b kollektorivirta R643:lla ja vastaavasti TS416b kollektorivirta R644:llä 30-33 mA: iin. Säädön jälkeen nämä virrat voivat nousta 40 mA: n.

GB

Foot	4822 462 70586
Front panel complete /00/16/22/33/43	4822 447 50057
Front panel complet /15	4822 447 50062
Upper side of cabinet (walnut)	4822 447 50058
Upper side of cabinet (teak)	4822 447 50061
Walnut side panel of cabinet (2)	4822 447 50056
Teak side panel of cabinet (2)	4822 447 50059
Lens	4822 381 10261
Grommet of push-button	4822 325 80101
Fuse holder	4822 256 80107
Knob	4822 413 30399
Spring for knob	4822 332 20023
Push-button	4822 410 20895
Push-button (mains switch)	4822 410 20896
Casing of slide switch	4822 278 40001
Switch/rec. player (magn. - X-tal)	4822 277 20091
Mains switch	4822 276 10337
Push-button unit (bottom)	4822 276 30163
Push-button unit (top)	4822 276 30164
Socket, 5-pole	4822 267 40039
Plug, 5-pole	4822 264 40023
Socket L.S.	4822 267 40073
Plug L.S.	4822 264 30041
Lamp holder	4822 255 10007
Insulation plate AD149	4822 466 70156
Insulation bush AD149	4822 532 50695

NL

Voet	4822 462 70586
Frontplaat compleet /00/16/22/33/43	4822 447 50057
Frontplaat compleet /15	4822 447 50062
Bovenkant kast (noten)	4822 447 50058
Bovenkant kast (teak)	4822 447 50061
Zijwand (noten, 2 stuks)	4822 447 50056
Zijwand (teak, 2 stuks)	4822 447 50059
Lens	4822 381 10261
Tule om druktoets	4822 325 80101
Smeltveiligheids houder	4822 256 80107
Knop	4822 413 30399
Klemveer knop	4822 332 20023
Druktoets	4822 410 20895
Druktoets (netschakelaar)	4822 410 20896
Huis schuifschakelaar	4822 278 40001
Schakelaar PU (dyn.-kristal)	4822 277 20091
Netschakelaar	4822 276 10337
Druktoetsseenheid (onder)	4822 276 30163
Druktoetsseenheid (boven)	4822 276 30164
Aansluiting 5polig	4822 267 40039
Stekker 5polig	4822 264 40023
Aansluiting L.S.	4822 267 40073
Stekker L.S.	4822 264 30041
Lamphouder	4822 255 10007
Isolatieplaat bev. AD149	4822 466 70156
Isolatiebus bev. AD149	4822 532 50695

F

Pied	4822 462 70586
Panneau avant complet /00/16/22/33/43	4822 447 50057
Panneau complet /15	4822 447 50062
Demi-coffret supérieur (noix)	4822 447 50058
Demi-coffret supérieur (teak)	4822 447 50061
Panneau latéral (noix, 2 p.)	4822 447 50056
Panneau latéral (teak, 2 p.)	4822 447 50059
Lentille	4822 381 10261
Manchon pour touche	4822 325 80101
Porte-fusible	4822 256 80107
Bouton	4822 413 30399
Ressort de serrage du bouton	4822 332 20023
Touche	4822 410 20895
Touche (interrupteur secteur)	4822 410 20896
Boîte commutateur à tiroir	4822 278 40001
Commutateur PU (cristal-dyn.)	4822 277 20091
Interrupteur secteur	4822 276 10337
Ens. clavier (au-dessous)	4822 276 30163
Ens. clavier (au-dessus)	4822 276 30164
Prise pentapolaire	4822 267 40039
Fiche pentapolaire	4822 264 40023
Prise H. P.	4822 267 40073
Fiche H. P.	4822 264 30041
Support de lampe	4822 255 10007
Fix. plaque d'isolation AD149	4822 466 70156
Fix. douille isolante AD149	4822 532 50695

D

Fuss	4822 462 70586
Frontplatte komplett /00/16/22/33/43	4822 447 50057
Frontplatte komplett /15	4822 447 50062
Gehäuseoberseite (Nussbaum)	4822 447 50058
Gehäuseoberseite (Teak)	4822 447 50061
Seitenwand (Nussbaum, 2 St.)	4822 447 50056
Seitenwand (Teak, 2 St.)	4822 447 50059
Linse	4822 381 10261
Tülle um Drucktaste	4822 325 80101
Schmelzsicherungshalter	4822 256 80107
Knopf	4822 413 30399
Haltefeder Knopf	4822 332 20023
Drucktaste	4822 410 20895
Drucktaste (Netzschalter)	4822 410 20896
Gehäuse Schiebeshalter	4822 278 40001
Schalter TA (dyn.-Kristall)	4822 277 20091
Netzschalter	4822 276 10337
Drucktastenhebel (unten)	4822 276 30163
Drucktastenhebel (oben)	4822 276 30164
Anschluss, 5polig	4822 267 40039
Stecker, 5polig	4822 264 40023
Anschluss L.S.	4822 267 40073
Stecker L.S.	4822 264 30041
Lampenfassung	4822 255 10007
Isolierplatte Bef. AD149	4822 466 70156
Isolierhülse Bef. AD149	4822 532 50695

E

Pata	4822 462 70586
Placa frontal completa /00/16/22/33/43	4822 447 50057
Placa frontal completa /15	4822 447 50062
Parte superior de caja (nogal)	4822 447 50058
Parte superior de caja (teca)	4822 447 50061
Panel lateral (nogal, 2 piezas)	4822 447 50056
Panel lateral (teca, 2 piezas)	4822 447 50059
Vidrio	4822 381 10261
Manguito de tecla	4822 325 80101
Portafusibles	4822 256 80107
Botón	4822 413 30399
Resorte fij. botón	4822 332 20023
Tecla	4822 410 20895
Tecla (interruptor de red)	4822 410 20896
Caja conmutador deslizante	4822 278 40001
Conmutador tocadiacos (din. cristal)	4822 277 20091
Interruptor de red	4822 276 10337
Unidad de teclas (inferior)	4822 276 30163
Unidad de teclas (superior)	4822 276 30164
Enchufe pentapolar	4822 267 40039
Clavija pentapolar	4822 264 40023
Enchufe, altavoz	4822 267 40073
Clavija, altavoz	4822 264 30041
Portalámparas	4822 255 10007
Placa aislante fijac. AD149	4822 466 70156
Tubo aislante fijac. AD149	4822 532 50695

I

Piede	4822 462 70586
Riquadro frontale completo /00/16/22/33/43	4822 447 50057
Riquadro frontale completo /15	4822 447 50062
Parte sup. del cassetto (noce)	4822 447 50058
Parte sup. del cassetto (teak)	4822 447 50061
Due riquadri del cassetto (noce)	4822 447 50056
Due riquadri del cassetto (teak)	4822 447 50059
Lenze	4822 381 10261
Manicotto di tasto	4822 325 80101
Portafusibile	4822 256 80107
Bottone	4822 413 30399
Molla di fissaggio bottone	4822 332 20023
Tasto	4822 410 20895
Tasto (interruptore settore)	4822 410 20896
Riparto del com. scorrimento	4822 278 40001
Interruttore giradischi (magn. X-tal)	4822 277 20091
Interruttore settore	4822 276 10337
Insieme tastiera (sotto)	4822 276 30163
Insieme tastiera (sopra)	4822 276 30164
Pressa (5 pol.)	4822 267 40039
Spina (5 pol.)	4822 264 40023
Pressa, altoparlante	4822 267 40073
Spina, altoparlante	4822 264 30041
Sostegno di lampada	4822 255 10007
Piastra isolante AD149	4822 466 70156
Tubo isolante AD149	4822 532 50695

S

Fot	4822 462 70586
Frontplatta, komplett /00/16/22/33/43	4822 447 50057
Frontplatta, komplett /15	4822 447 50062
Låda, överdel (valnöt)	4822 447 50058
Låda, överdel (teak)	4822 447 50061
Lådgavel (valnöt, 2)	4822 447 50056
Lådgavel (teak, 2)	4822 447 50059
Linse	4822 381 10261
Genomföring för tryckknapp	4822 325 80101
Säkringshållare	4822 256 80107
Ratt	4822 413 30399
Rattfjäder	4822 332 20023
Tangent	4822 410 20895
Tangent (nätströmbrytare)	4822 410 20896
Kåpa för slidombopplare	4822 278 40001
Grammofonkopplare (magn./kristall)	4822 277 20091
Nätströmbrytare	4822 276 10337
Tangentenhet (nedre)	4822 276 30163
Tangentenhet (övre)	4822 276 30164
Uttag, 5-polig	4822 267 40039
Kontaktplugg, dito 5-polig	4822 264 40023
Högtalaruttag	4822 267 40073
Kontaktplugg, högtalare	4822 264 30041
Lampållare	4822 255 10007
Isoleringsbricka för AD149	4822 466 70156
Isoleringsrör för AD149	4822 532 50695

DK




Fod	4822 462 70586
Frontplade (complet) /00/16/22/33/43	4822 447 50057
Frontplade (complet) /15	4822 447 50062
Kabinet-overside (valnød)	4822 447 50058
Kabinet-overside (teak)	4822 447 50061
Kabinet-side (v + b, valnød)	4822 447 50056
Kabinet-side (v+b, teak)	4822 447 50059
Linse	4822 381 10261
Tulle for trykknapp	4822 325 80101
Sikringsholder	4822 256 80107
Knapp	4822 413 30399
Skrue for knapp	4822 332 20023
Trykknapp	4822 410 20895
Trykknapp (netsbryder)	4822 410 20896
Hus for skydeomskifter	4822 278 40001
Omskifter P. U. (magneto-dyn.-krystal)	4822 277 20091
Netsbryder	4822 276 10337
Trykknapsenhed (bund)	4822 276 30163
Trykknapsenhed (top)	4822 276 30164
Bøsning, 5-polet	4822 267 40039
Stik, 5-polet	4822 264 40023
Bøsning, højttaler	4822 267 40073
Stik, højttaler	4822 264 30041
Lampeholder	4822 255 10007
Isolationsplade AD149	4822 466 70156
Isolationsrør AD149	4822 532 50695


N

Fot	4822 462 70586
Frontpanel, kompl. /00/16/22/33/43	4822 447 50057
Frontpanel, kompl. /15	4822 447 50062
Overside av kabinet (valnøtt)	4822 447 50058
Overside av kabinet (teak)	4822 447 50061
Sidepanel av kabinet (valnøtt, begge)	4822 447 50056
Sidepanel av kabinet (teak, begge)	4822 447 50059
Linse	4822 381 10261
Gjennomføring for trykknapp	4822 325 80101
Sikringsholder	4822 256 80107
Knapp	4822 413 30399
Fjær for knapp	4822 332 20023
Trykknapp	4822 410 20895
Trykknapp (nettbyrter)	4822 410 20896
Hus for sleidevender	4822 278 40001
P. U. vender (magn., X-tall)	4822 277 20091
Nettbyrter	4822 276 10337
Trykknappsett (nedre)	4822 276 30163
Trykknappsett (øvre)	4822 276 30164
Kontakt, 5-polet	4822 267 40039
Plugg, 5-polet	4822 264 40023
Kontakt for høyttaler	4822 267 40073
Plugg for høyttaler	4822 264 30041
Lampeholder	4822 255 10007
Isolasjonsplate AD149	4822 466 70156
Isolasjonshylse AD149	4822 532 50695

SF

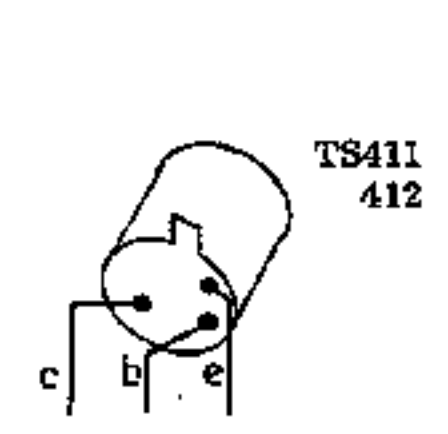
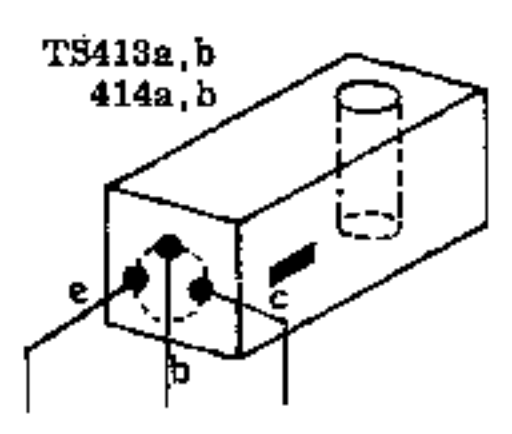
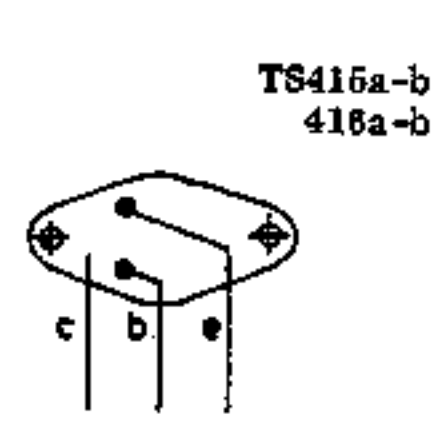
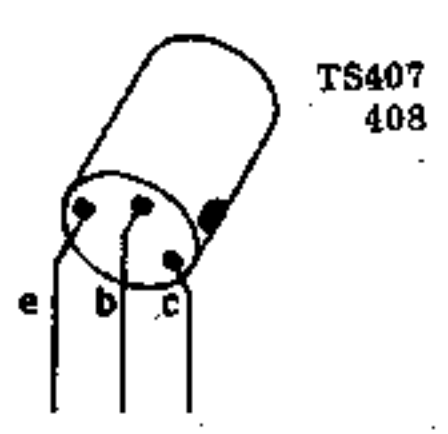
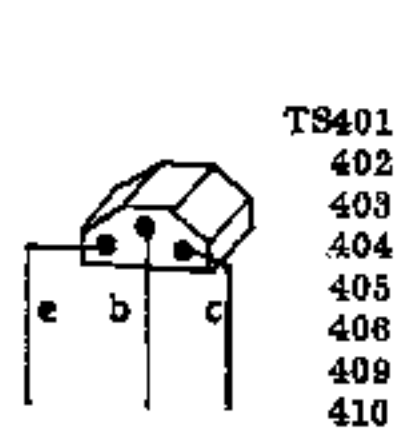
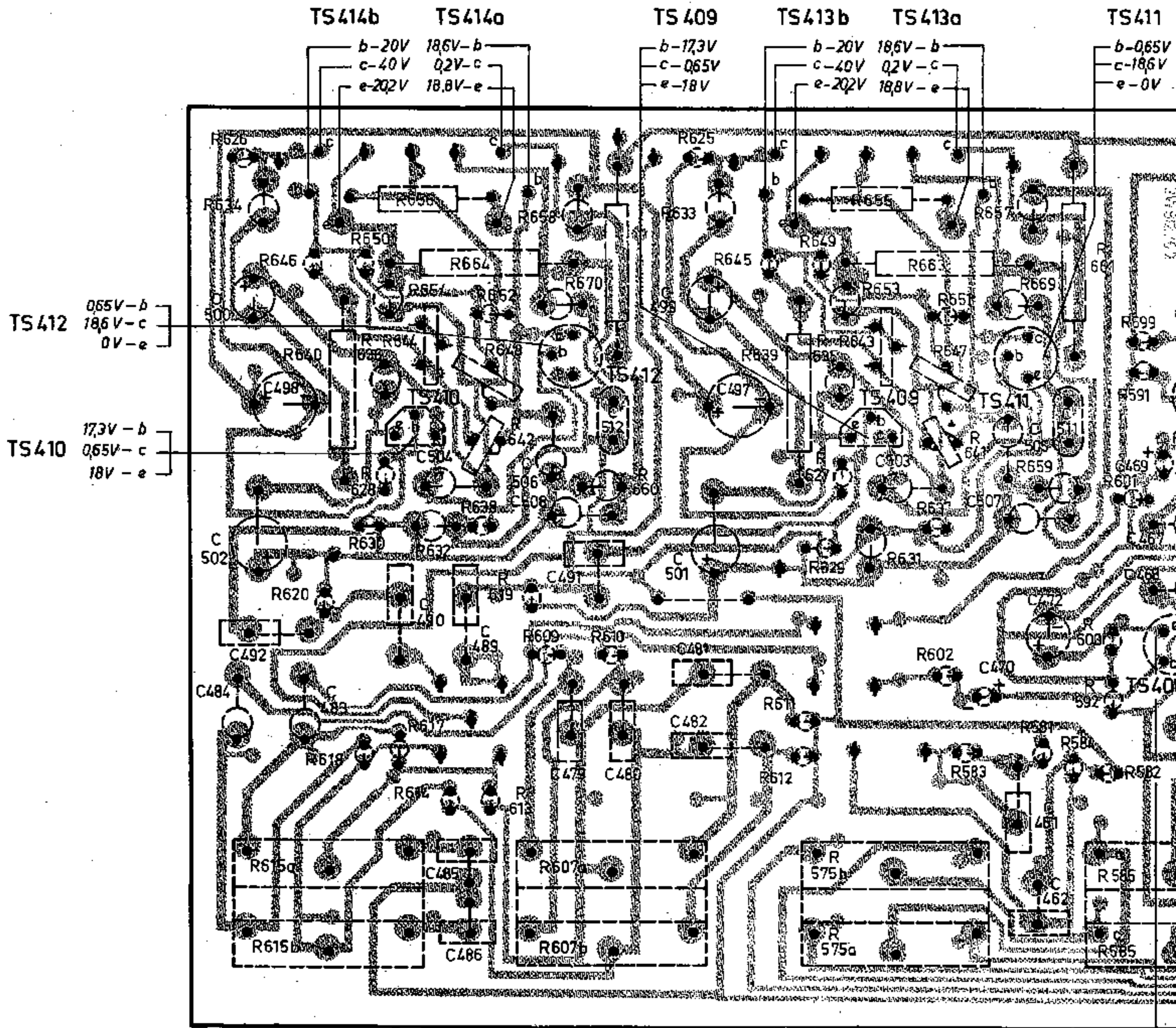
Jalka	4822 462 70586
Etulevy täydellisen /00/16/22/33/43	4822 447 50057
Etulevy täydellisen /15	4822 447 50062
Laatikon yläsivu (pähkinäpuu)	4822 447 50058
Laatikon yläsivu (tekk)	4822 447 50061
Laatikon sivuseinä (pähkinäpuu, molemmat)	4822 447 50056
Laatikon sivuseinä (teak, molemmat)	4822 447 50059
Linssi	4822 381 10261
Näppäimen läpivihti	4822 325 80101
Sulakepidin	4822 256 80107
Nappi	4822 413 30399
Nipin jousi	4822 332 20023
Näppäin	4822 410 20895
Näppäin (verkkokytkin)	4822 410 20896
Lukukytöksen kuori	4822 278 40001
Äänirasia kytkin (magn. dyn. -kide)	4822 277 20091
Verkkokytkin	4822 276 10337
Näppäinyksikkö (alapuoli)	4822 276 30163
Näppäinyksikkö (yläpuoli)	4822 276 30164
Pistukka, 5-napainen	4822 267 40039
Pistike, 5-napainen	4822 264 40023
Käintipistukka	4822 267 40073
Käintipistike	4822 264 30041
Lampunpidin	4822 255 10007
Eristyslevy AD149	4822 466 70156
Eristysputki AD149	4822 532 50695

TS 					D 					C 				
TS401,402	4822 130 40215			BC149						C441,442	4822 121 40197	1	μF	100 V
TS403,404	4822 130 40318			BC148B						C443,444	4822 121 40061	220	nF	250 V
TS405,406	4822 130 40215			BC149						C445,446	4822 124 20382	100	μF	40 V
TS407,408	4822 130 40236			AC126						C447,448	4822 122 30027	1000	pF	40 V
TS409,410	4822 130 40311			BC147						C449,450	4822 122 30057	2700	pF	40 V
TS411,412	4822 130 40315			BC177A						C451,452	4822 121 40236	8200	pF	250 V
TS413a,b	4822 130 40475			AC132/AC127-03						C453,454	4822 121 40061	220	nF	250 V
TS414a,b	4822 130 40475			AC132/AC127-03						C461,462	4822 124 40035	150	nF	250 V
TS415a,b	4822 130 40386			2-AD149						C463,464	4822 121 40044	560	nF	250 V
TS416a,b	4822 130 40386			2-AD149						C465,466	4822 124 20384	100	μF	40 V
D421,422	4822 130 30192			BY126						C469,470	4822 124 20346	4.7	μF	63 V
D423,424	4822 130 30192			BY126						C471,472	4822 124 20374	47	μF	40 V
D425	4822 130 30256			BA148						C479,480	4822 121 40038	27	nF	250 V
										C481,482	4822 121 40061	220	nF	250 V
										C485,486	4822 121 40092	33	nF	250 V
										C489,490	4822 121 40009	330	nF	250 V
										C491,492	4822 121 40097	270	nF	250 V
										C497,498	4822 124 20384	100	μF	40 V
										C499,500	4822 124 20374	47	μF	40 V
										C501,502	4822 124 20398	220	μF	25 V
										C509,510	4822 124 70025	1800	μF	40 V
										C516	4822 124 70012	4000	μF	40 V
										C517,518	4822 121 40098	390	nF	250 V
										C519,520	4822 124 20388	150	μF	25 V
										C521,522	4822 124 20394	150	μF	40 V
										C523	4822 124 20404	330	μF	63 V
										LA427	4822 134 40005	6.3	V	100 mA
										VL428,429	4822 253 20019	1.25	A	
										VL430	4822 253 30013	0.25	A	
										VL431	4822 252 20001			
										S433,434	4822 156 10346			
										S436	4822 146 20379			

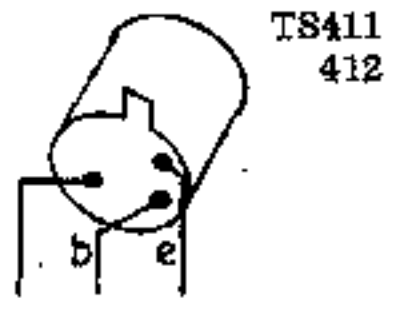
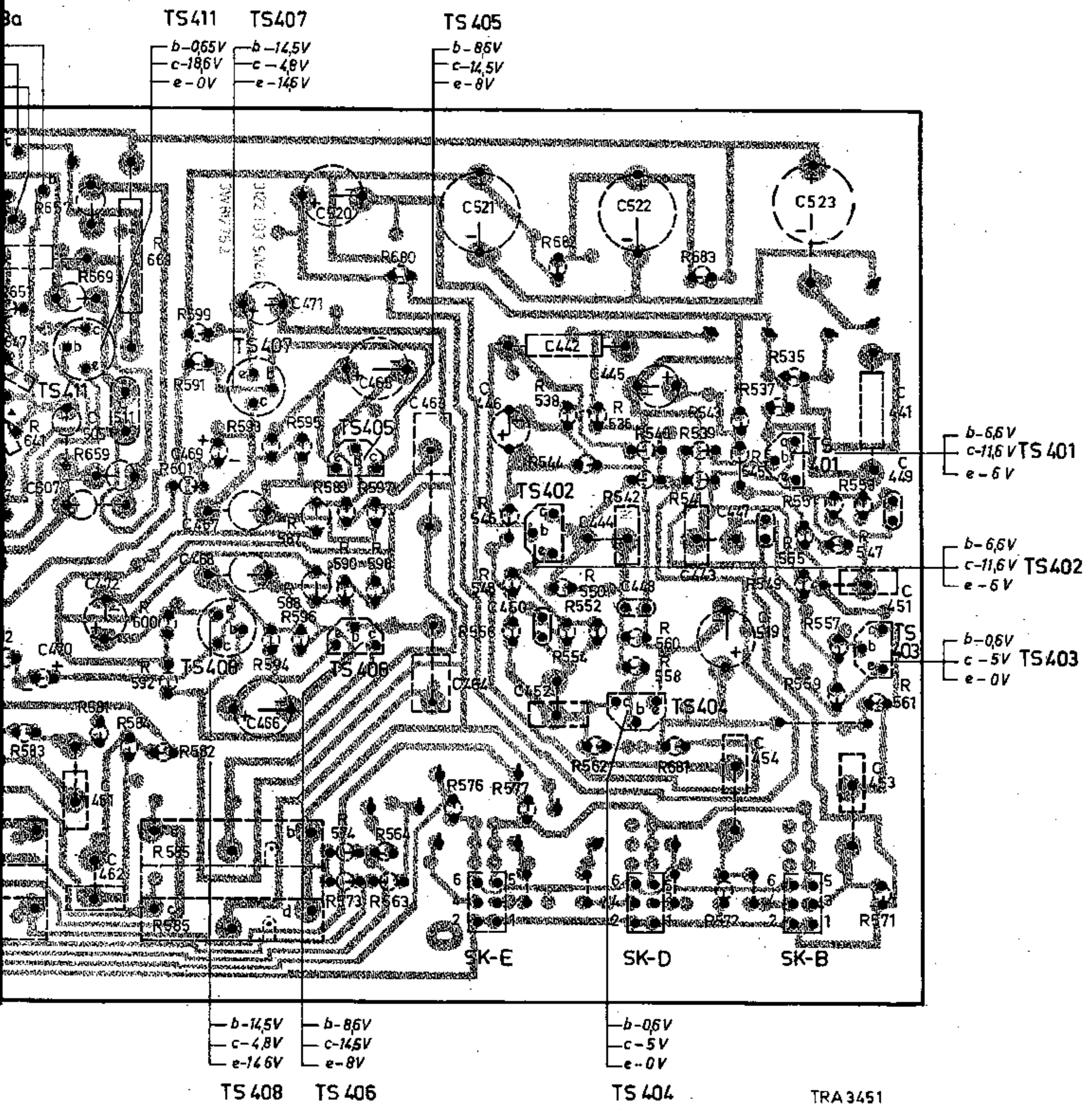
R 

R537,538	4822 110 50189	1.2	M Ω	1/8 W
R539,540	4822 110 50174	3.3	M Ω	1/8 W
R549,550	4822 110 50185	560	k Ω	1/8 W
R575	4822 102 30133	220	k Ω	
R585	4822 102 30132	20	k Ω +200 k Ω	
R589,590	4822 110 50183	680	k Ω	1/8 W
R607,615	4822 102 30131	47	k Ω	
R641,642	4822 116 20063			
R643,644	4822 100 10027	2200	Ω	
R647,648	4822 116 30011	500	Ω	
R665,666	4822 116 60008	2x1.5	Ω (par)	1/4 W
R667,668	4822 116 60008	2x1.5	Ω (par)	1/4 W
R671,672	4822 113 80119	3.9	Ω	8 W

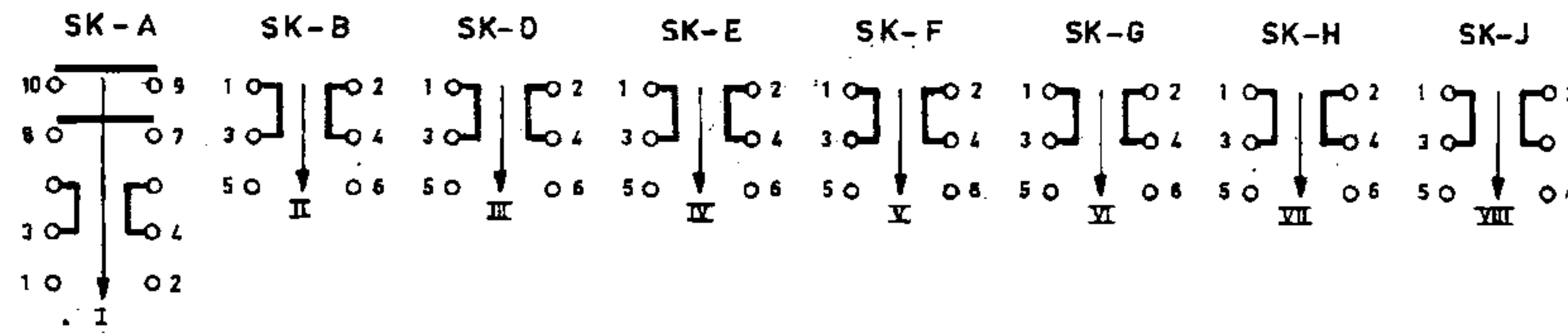
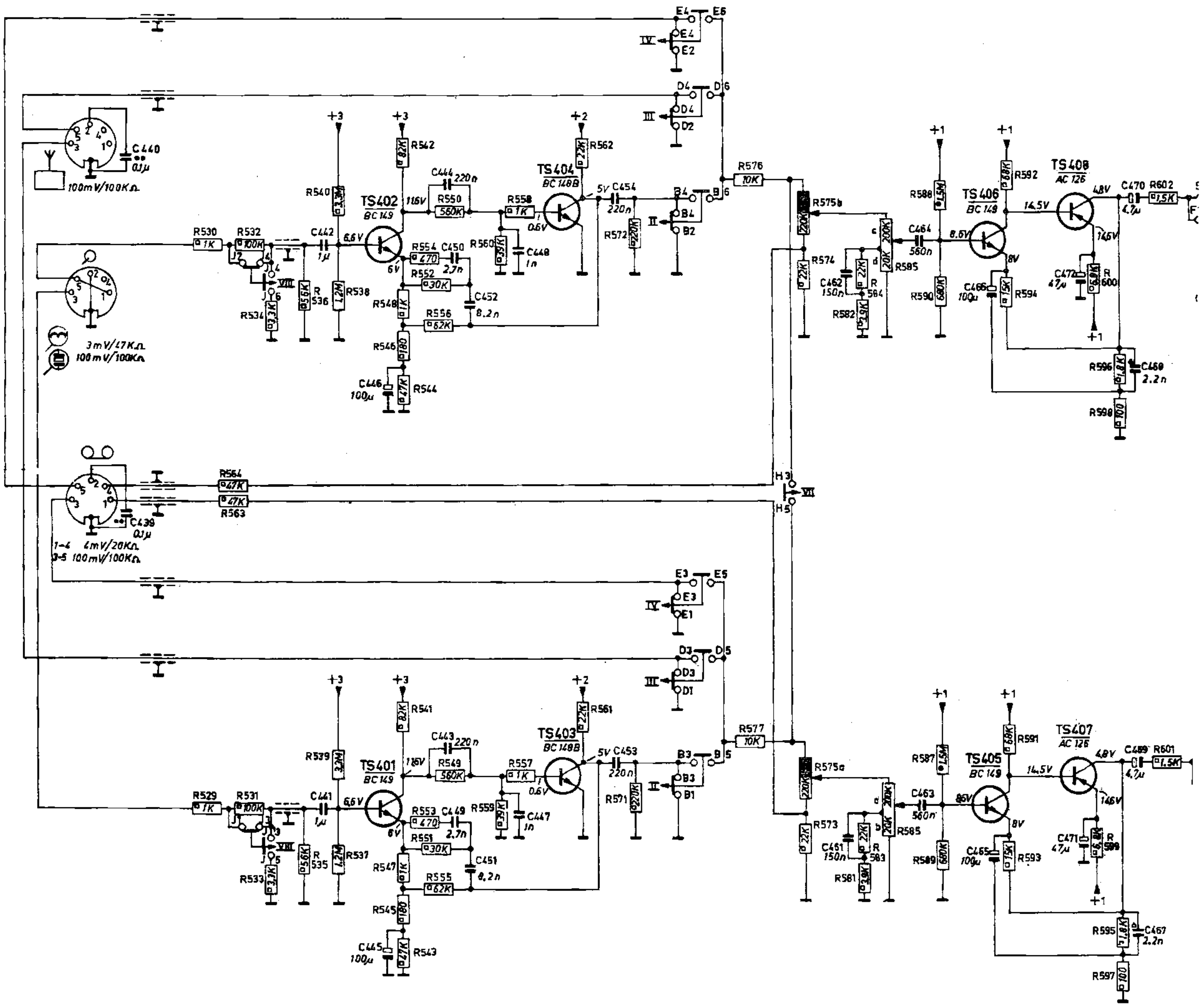
S											
C	500.	498.	504.	506.	512.	499.	497.	503.	505.	511.	469.
C	484,502, 492.	483.	490, 485, 486, 489.	508.	479, 491, 480.	501, 482, 481.			470, 507, 462, 461, 472.		46
R	634, 646, 640, 636, 650, 655, 644, 654, 664.		652, 648, 642, 658, 670.		645, 639, 649, 635, 655, 643, 653.			663, 647, 651, 641, 657, 669, 651.			599.
R	626, 615, 620, 618, 630, 628, 614, 617, 632, 638, 619, 613, 609, 607, 610, 660, 633, 625, 612, 611, 575, 629, 627, 631, 637, 602, 583, 581, 659, 584, 592, 600, 601, 585, 582, 59										



505, 511, 469, 471, 520, 465, 463, 521, 446, 442, 444, 445, 522, 443, 519, 523, 441,	S
470, 507, 462, 481, 472, 468, 467, 466, 464, 450, 452, 448, 447, 454, 453, 451, 449,	C
1, 64, 165, 7, 669, 661, 599, 595, 590, 598, 589, 597, 680, 538, 682, 544, 536, 550, 552, 562, 539, 543, 683, 681, 572, 537, 535,	R
659, 584, 592, 600, 601, 585, a, b, c, d, 582, 591, 593, 594, 588, 587, 596, 573, 574, 563, 564, 576, 556, 548, 546, 577, 554, 558, 560, 545, 549, 555, 551, 559, 557, 553, 547, 571, 561,	R



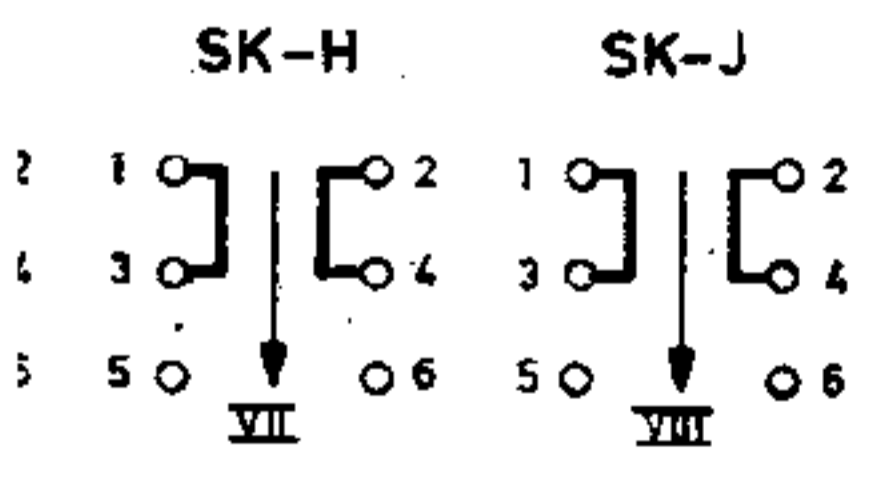
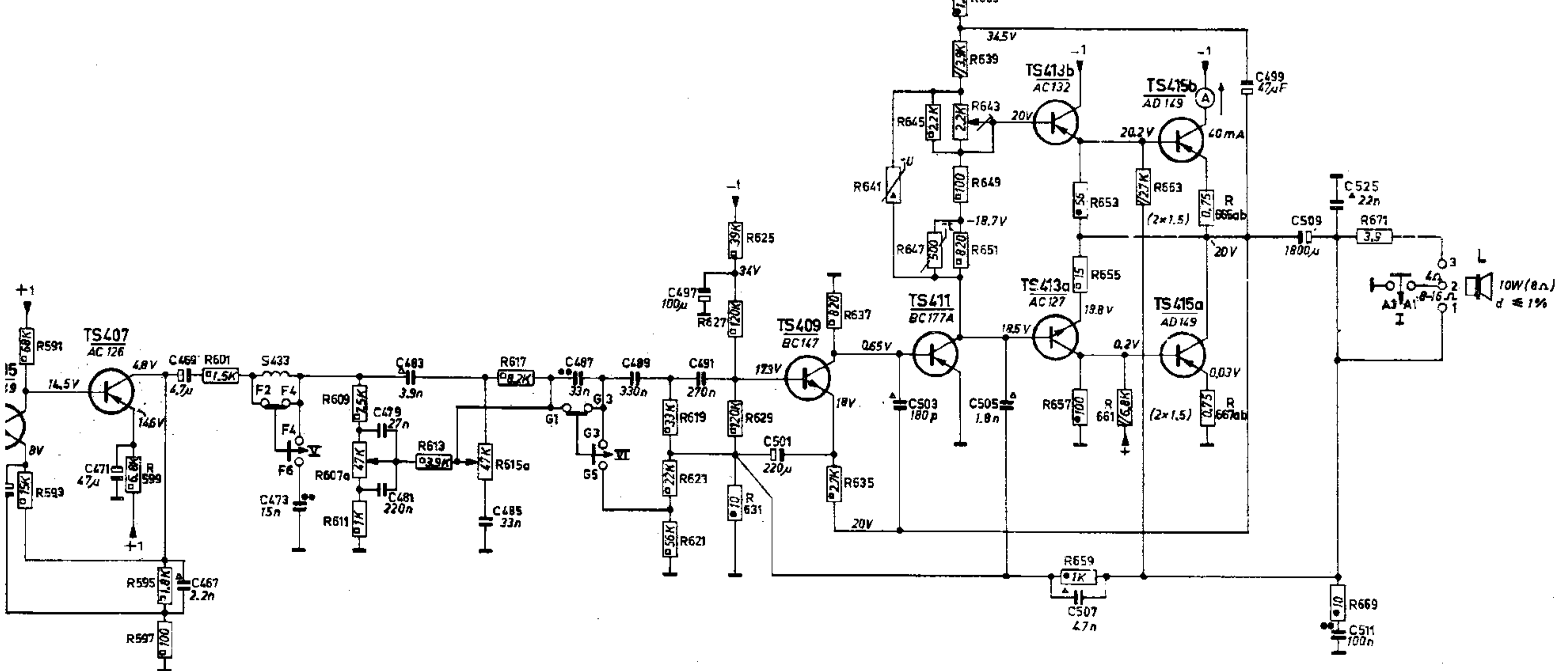
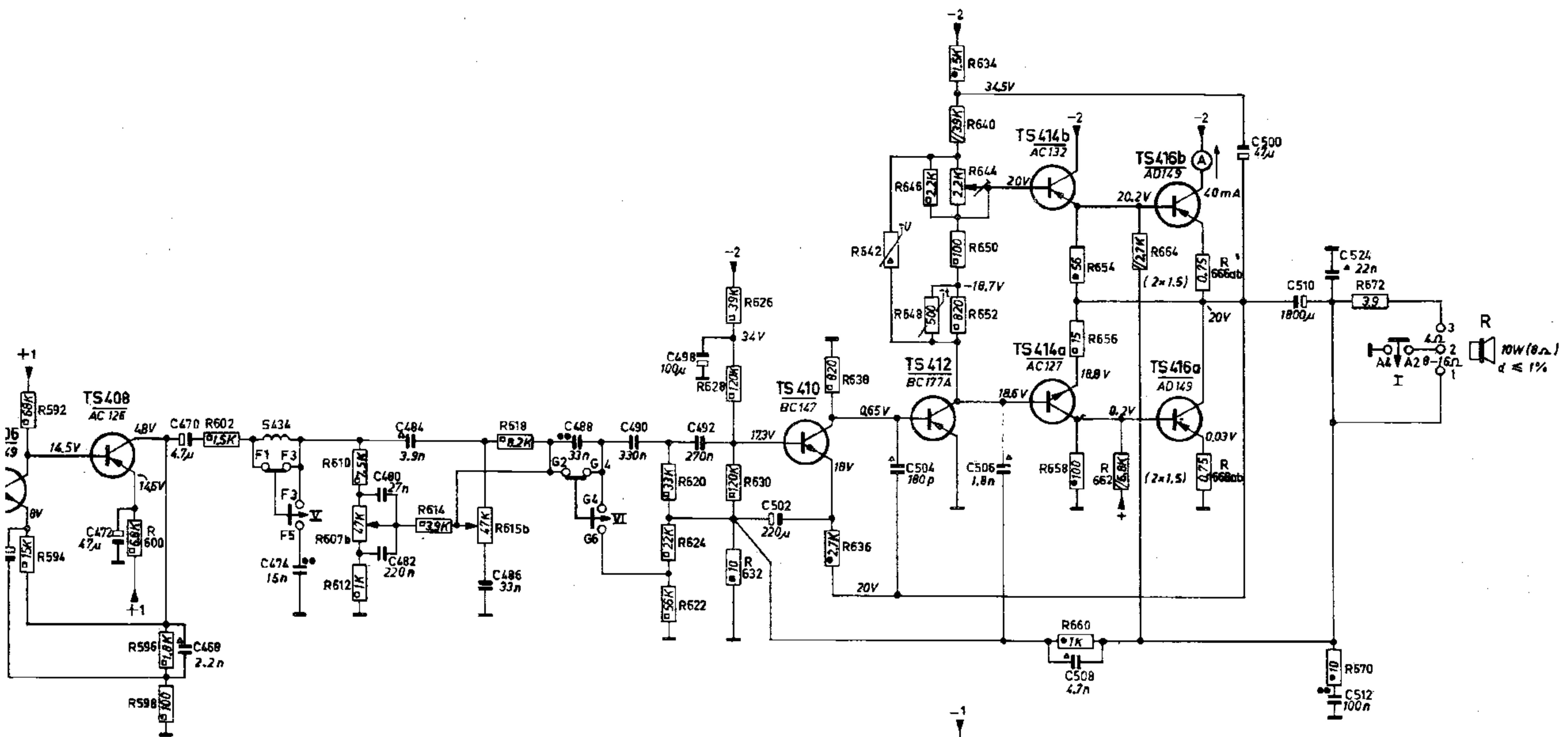
S																			434, 433
C	439	442	446	444, 450, 452	448	454	462	464	466	472	470, 468	4							
C	440	441	445	443, 449, 451	447	453	461	463	465	471	469, 467	4							
R	530, 564, 532, 534, 538, 540, 538	542, 548, 546, 544, 554, 552, 556, 550, 580, 558	562, 572	576, 575 b, 574, 584, 582, 585 c, d	588, 590, 592, 594	600, 598, 598, 602													
R	529, 563, 531, 533, 535, 539, 537	541, 547, 545, 543, 553, 551, 555, 549, 559, 557	561, 571	577, 575 a, 573, 583, 581, 585 a, b	587, 589, 591, 593	599, 595, 597, 601													



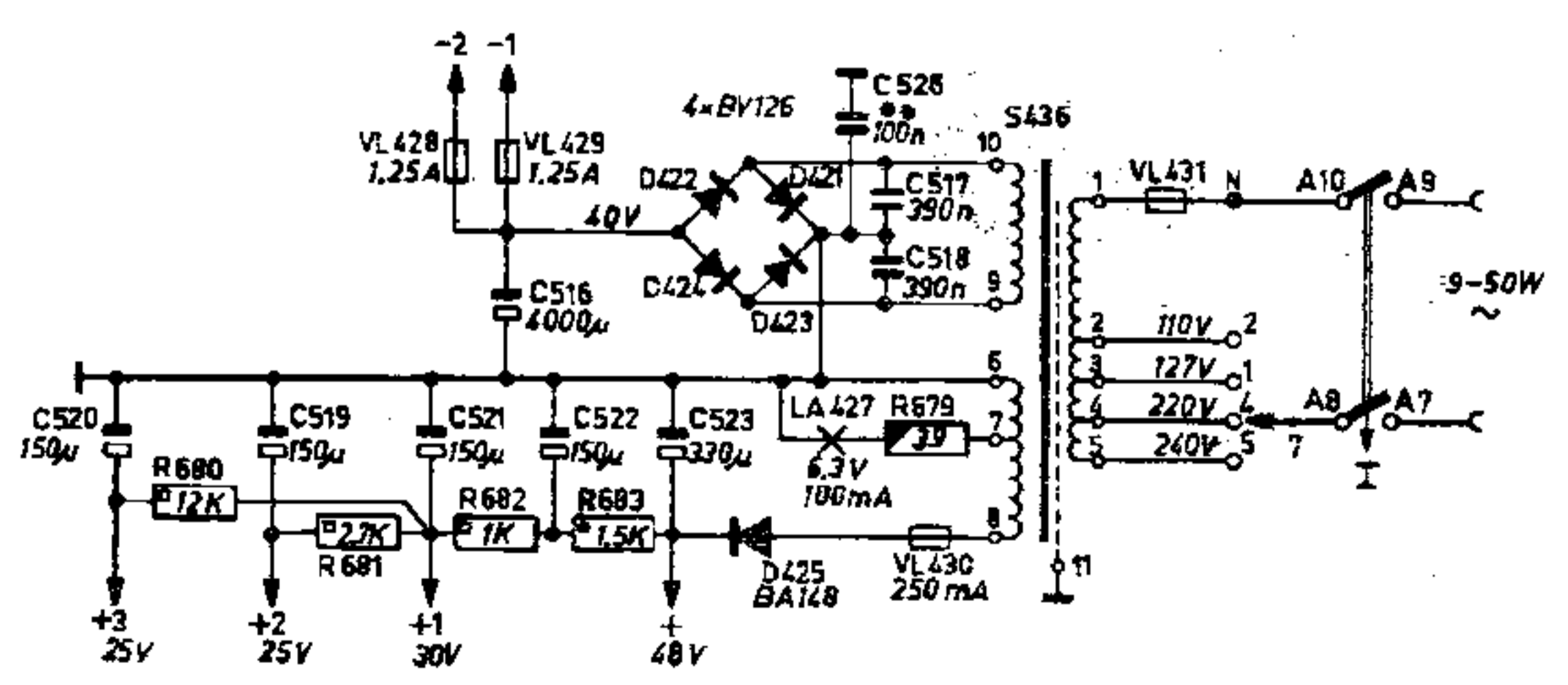
- Carbon resistor E24 series 0.125 W 5%
- Carbon resistor E12 series 0.25 W < 1 MΩ 5%
- Carbon resistor E12 series 0.5 W > 1 MΩ 5%
- Carbon resistor E12 series 1 W > 2.2 MΩ 5%
- Carbon resistor E12 series 1 W > 2.2 MΩ 10%
- Tubular ceramic capacitor 500 V
- Flat-foil polyester capacitor
- Ceramic capacitor "Pin-up" 500 V

- I ON
- II P. U.
- III TUNER
- IV RECORDER
- V SCRATCH
- VI RUMBLE
- VII MONO
- VIII P. U. DYN.

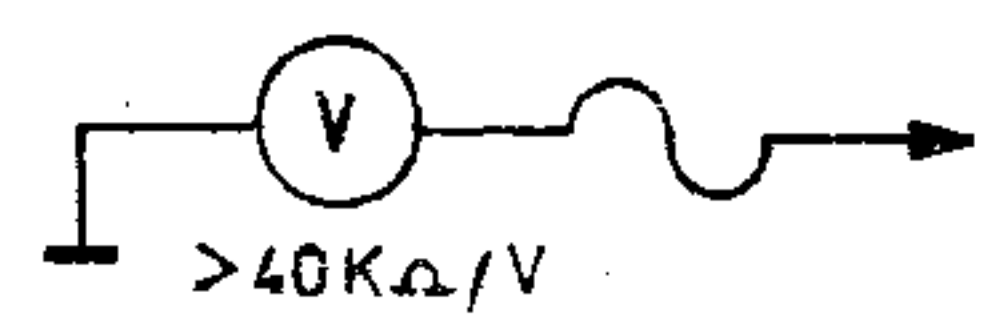
472.	470, 468.	474.	480, 482, 484.	486.	488.	490.	492, 498.	502, 520.	519.	504, 521, 516, 522.	506, 523.	508, 517, 518.	500.	510, 512, 524.
471.	469, 467.	473.	479, 481, 483.	485.	487.	489.	491, 497.	501.	503.	505.	507.	526.	499.	509, 511, 525.
594.	600, 596, 599, 602.		610, 607b, 612.	614.	615b, 618.		620, 624, 622, 626, 628, 630, 632.	638, 636, 642.	646.	648, 654, 640, 644, 650, 652.	660, 654, 656, 658.	662, 664, 666, 668.		670, 672.
593.	599, 595, 597, 601.		609, 607a, 611.	613.	615a, 617.		619, 623, 621, 625, 627, 629, 631.	637, 635, 640, 641.	681, 645, 682, 647, 633, 636, 643.	649, 651, 683, 653, 655, 657, 659, 661, 663, 665, 667.				669, 671.



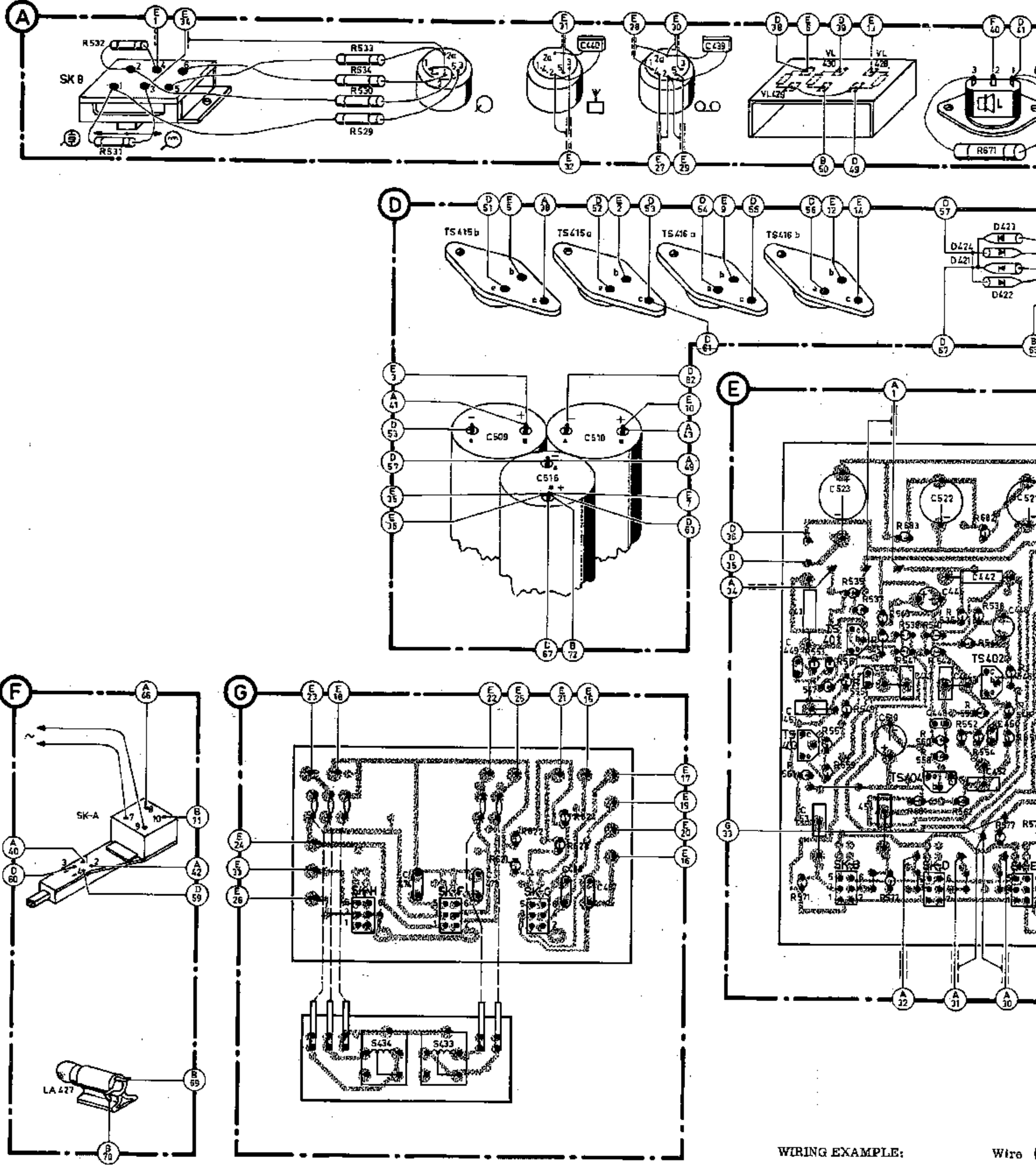
S436	1-2	2-3	3-4	4-5	6-7	7-8	9-10
V	190	17	93	20	6.7	28.3	215
mA (max)					100		1200



- I ON
- II P. U.
- III TUNER
- IV RECORDER
- V SCRATCH
- VI RUMBLE
- VII MONG
- VIII P. U. DYN.



S		434	433												
C				509	516	510	440	439	441	523	522	446	442	446	521
C				474	473		488	487							
R	532, 531			533, 534					448, 451, 453	454, 447	443, 448	444	452, 450		
R				538, 529					535, 537, 572, 681, 682, 639	543, 562, 552, 650, 636, 675, 448, 548					
R									561, 571, 547, 553, 557, 559, 565, 566, 549, 643, 660, 558	554, 577, 646, 648, 556, 576					



- | | |
|-----------------------------|---------|
| WIRING EXAMPLE: | Wire |
| VOORBEELD BEDRADING: | Draad |
| EXEMPLE DE CABLAGE: | Le fil |
| VERDRAHTUNGSBEISPIEL: | Draht |
| EJEMPLO DE CABLEADO: | El hilo |
| ESEMPIO DI CABLAGGIO: | Il filo |
| KOPPLINGSEXEMPEL: | Ledning |
| LEDNINGSEKSEMPEL: | Ledning |
| EKSEMPEL PÅ LEDNINGSFØRING: | Ledning |
| LANGOITUS ESIMERKKI: | Johdin |

PHILIPS Service



28-4-1970	22RH590	Ba 1317
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Information

During production the following modifications have been made:

Versions /00/15/16: - Under code PL01, capacitors C524 and C525 (2200 pF) and C526 (100 nF) have been fitted.

Version /33: - Under code PL00, the same modifications have been made as in the versions /00/15/16.

These modifications, which were already stated in the Service Notes, have been made to reduce the mains interference sensitivity and the LF detection.

Versions /00/15: - Under code PL02 and versions /42/43 under code PL00, the following modification have been introduced:

R535, 536 were 120 k Ω become 56 k Ω

R537, 538 were 120 k Ω become 1.2 M Ω

R539, 540 were 330 k Ω become 3.3 M Ω

Reason: The noise will be reduced.

(These modifications were already stated in the Service Notes).

Tijdens de produktie zijn in de /00/15/16 onder kode PL01 en in de /33 onder kode PL00. C524, 525 (=2200 pF) en C526 (=100 nF) toegevoegd.

Reden: Netstoringsgevoeligheid en LF detektie.

(Deze wijziging is reeds in de dokumentatie aangebracht).

Onder kode PL02 voor /00/15 en kode PL00 voor /42/43 is het hieronder vermeld gewijzigd:

R535, 536 was 120 k Ω , wordt 56 k Ω

R537, 538 was 120 k Ω , wordt 1,2 M Ω

R539, 540 was 330 k Ω , wordt 3,3 M Ω

Reden: ruis.

(Deze wijziging is reeds in de dokumentatie aangebracht).

Sous le numéros de référence PL01 pour les appareils /00/15/16 et PL00 pour les appareils /33 on a ajouté les condensateurs C524, 525 (2200 pF) et C526 (100 nF).

Motif: trop grande sensibilité pour l'interférence secteur et trop forte détection BF

(Cette modification est mentionnée dans la Documentation).

Les numéros de référence PL02, pour les /00/15 et PL00 pour les 42/43 se rapportent aux modifications suivantes:

R535, 536 passe de 120 k Ω à 56 k Ω .

R537, 538 passe de 120 k Ω à 1,2 M Ω

R539, 540 passe de 330 k Ω à 3,3 M Ω .

Motif: trop de bruit.

(Cette modification est également mentionnée dans la Documentation).

Während der Herstellung wurden die Geräte -/00/15/16 unter Code PL01 und Gerät -/33 unter Code PL00 mit den Kondensatoren C524, 525 (=2200 pF) und C526 (=100 nF) bestückt.

Grund: Netzstörungsempfindlichkeit und NF-Demodulation.

(Diese Änderung in der Kundendienstanleitung berücksichtigt.)

Unter Code PL02 wurden in den Geräten -/00/15 und unter Code PL00 in den Geräten -/42/43 nachstehende Änderungen vorgenommen:

R535, 536 war 120 k Ω und ist jetzt 56 k Ω

R537, 538 war 120 k Ω und ist jetzt 1,2 M Ω

R539, 540 war 330 k Ω und ist jetzt 3,3 M Ω

Grund Das Rauschen musste vermindert werden.

(Diese Änderung wurde in der Kundendienstanleitung berücksichtigt.)

Sotto i numeri di riferimento PL01 per gli apparecchi 00/15/16 e PL00 per il /33 abbiamo inserito i condensatori C524, 525 (2200 pF) e C526 (100 nF).

Motivo: troppa sensibilità all'interferenza della rete e rilevamento BF troppo forte.

(Detta modifica viene ripresa nella Documentazione di Servizio).

I numeri di riferimento PL02 per gli apparecchi /00/15 e PL00 per i tipi 42/43 riguardano le modifiche seguenti:

R535, 536 da 120 k Ω , diventano 56 k Ω .

R537, 538 da 120 k Ω , diventano 1,2 M Ω

R539, 540 da 330 k Ω , diventano 3,3 M Ω .

Motivo: troppo rumore.

(Detta modifica viene anche ripresa nella Documentazione di Servizio).

PHILIPS

Service



13-9-1971	22RH590	Ba 1406
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Information

If LF detection occurs, this can be remedied by including chokes of 100 μ H (4822 158 10243) in series with the emitter lines of TS405, TS406, TS409 and TS410.

Indien L.F. detectie voorkomt, kan men dit verhelpen door in serie met de emitterleidingen van TS405, TS406, TS409 en TS410 smoorspoeltjes van 100 μ H op te nemen (4822 158 10243).

On peut éviter la démodulation basse fréquence en connectant la liaison émetteur de TS405, TS406, TS409 et TS410 à des selfs de filtrage de 100 μ H (4822 158 10243).

NF-Demodulation kann vermieden werden, indem man in Serie mit den Emitterleitungen von TS405, TS406, TS409 und TS410 Drosselspulen von 100 μ F anordnet (4822 158 10243).



Gedurende de produktie is de transformator gewijzigd.

Dit is gebeurd onder stempeling PLO3.

Daar de nieuwe transformator een andere stand in het apparaat gekregen heeft, moeten S433 en S434 samengevoegd worden op print (G), teneinde de invloed van het magnetisch veld van de transformator op de spoelen te verminderen.

Bovengenoemde wijzigingen zijn weergegeven in de tekeningen 1867A en 1868A.

Het bestelnummer van de nieuwe transformator is 4822 146 20487.

