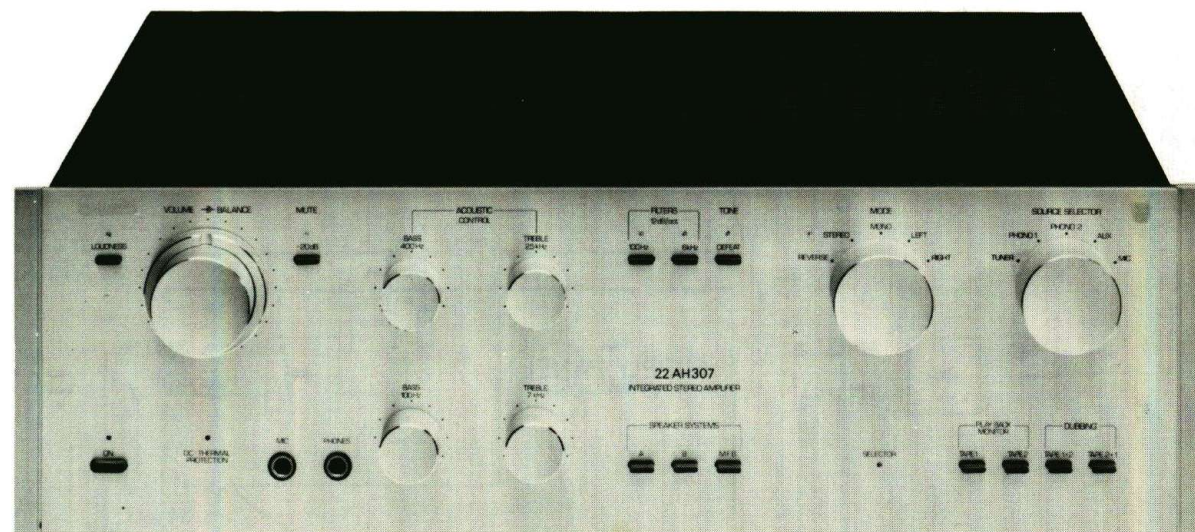
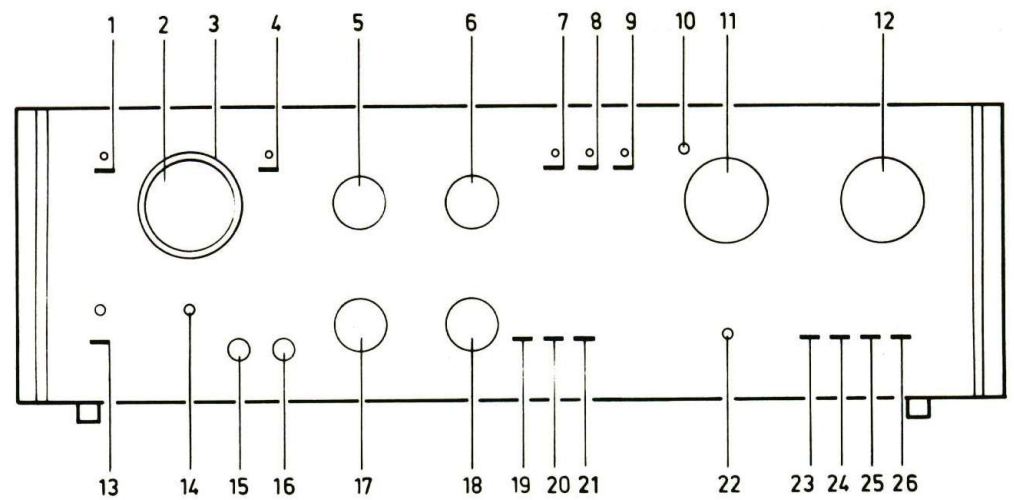


Service
Service
Service

Service Manual



20003A



18427C2

(GB)

- 1 Loudness
- 2 Volume
- 3 Balance
- 4 Mute
- 5 Acoustic control 400 Hz
- 6 Acoustic control 2,5 kHz
- 7 100 Hz filter
- 8 6 kHz filter
- 9 Tone defeat switch
- 10 Stereo indicator
- 11 Mode
- 12 Source selector
- 13 On/off
- 14 DC/thermal protection with LED indication
- 15 Microphone input
- 16 Headphones output
- 17 Bass control, 100 Hz
- 18 Treble control, 7 kHz
- 19 Loudspeaker system A
- 20 Loudspeaker system B
- 21 Loudspeaker system MFB
- 22 Selector indicator
- 23 Tape 1, monitor
- 24 Tape 2, monitor
- 25 Tape dubbing pushbutton 1→2
- 26 Tape dubbing pushbutton 2→1

- SK-C
R1293, 1294
R1291, 1292
SK-D
R1297, 1298
R1299, 1300
SK-G
SK-H
SK-K
D6324
SK-B
SK-A
SK-M
D6005
BU19
BU14
R1781, 1782
R1783, 1784
SK-N
SK-T
SK-U
D6001
SK-V
SK-W
SK-X
SK-Y

(NL)

- Loudness
Volume
Balans
Mute
Akoestiek regelaar 400 Hz
Akoestiek regelaar 2,5 kHz
100 Hz - filter
6 kHz - filter
Uitschakelaar toonregeling
Stereo indikator
Mode
Functiekeuze
Aan/uit
DC/termische beveiligingsindicator
Microfoon ingang
Hoofdtelefoon uitgang
Lage tonen regelaar, 100 Hz
Hoge tonen regelaar, 7 kHz
Luidsprekersysteem A
Luidsprekersysteem B
Luidsprekersysteem MFB
Selector indikator
Tape 1/monitor
Tape 2/monitor
Tape-kopieerschakelaar 1→2
Tape-kopieerschakelaar 2→1

(F)

- 1 Contour (filtre physiologique)
- 2 Volume
- 3 Balance
- 4 Accord silencieux
- 5 Commande acoustique 400 Hz
- 6 Commande acoustique 2,5 Hz
- 7 Filtre 100 Hz
- 8 Filtre 6 kHz
- 9 Disjoncteur commandes de tonalité
- 10 Indicateur stéréo
- 11 Mode de fonctionnement
- 12 Sélecteur de fonctions
- 13 Marche/Arrêt
- 14 Indicateur courant continu/disjonction thermique
- 15 Entrée microphone
- 16 Entrée casque
- 17 Réglage de tonalité "grave", 100 Hz
- 18 Réglage de tonalité "aigu", 7 kHz
- 19 Système H-P "A"
- 20 Système H-P "B"
- 21 Système H-P "MFB"
- 22 Indicateur du sélecteur de fonctions
- 23 Magnétophone 1/Contrôle auditif à l'enregistrement
- 24 Magnétophone 2/Contrôle auditif à l'enregistrement
- 25 Commutateur de mixage magnétophone 1→2
- 26 Commutateur de mixage magnétophone 2→1

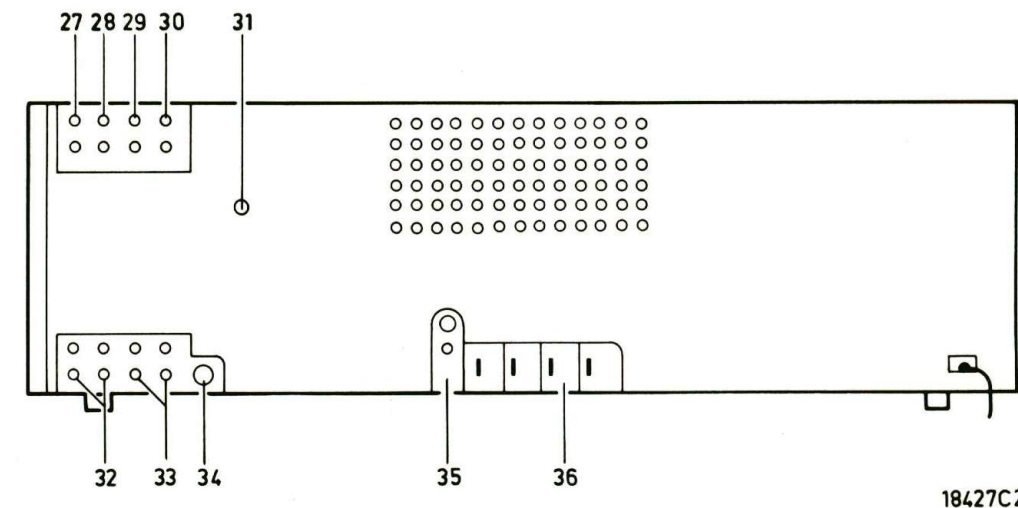
- SK-C
R1293, 1294
R1291, 1292
SK-D
R1297, 1298
R1299, 1300
SK-G
SK-H
SK-K
D6324
SK-B
SK-A
SK-M
D6005
BU19
BU14
R1781, 1782
R1783, 1784
SK-N
SK-T
SK-U
D6001
SK-V
SK-W
SK-X
SK-Y

(D)

- Gehörlicher Lautstärkeregler
Lautstärkeregler
Balance-Regler
Stummabstimmung ("mute")
Akustikregler 400 Hz
Akustikregler 2,5 Hz
100-Hz-Filter
6-kHz-Filter
Ausschalter Tonblende
Stereo-Indikator
Betriebsartenschalter
Funktionswahl
Ein/Aus-Schalter
Leuchtdiodenanzeige für Gleichstrom- und Wärmeschutz
Mikrophoneingang
Kopfhörerausgang
Tiefenregler, 100 Hz
Höhenregler, 7 kHz
Lautsprechersystem A
Lautsprechersystem B
Lautsprechersystem MFB
Betriebsartenanzeiger
Band 1/Monitor
Band 2/Monitor
Bandüberspielschalter 1→2
Bandüberspielschalter 2→1

(I)

- | | | | |
|------------------------------|-------------|--|-------------|
| 1 Loudness | SK-C | 14 Protezione termica DC - con indicazione | D6005 |
| 2 Volume | R1293, 1294 | tramite LED | |
| 3 Bilanciamento | R1291, 1292 | 15 Ingresso microfono | BU19 |
| 4 Mute | SK-D | 16 Uscita per cuffia | BU14 |
| 5 Controllo acustico 400 Hz | R1297, 1298 | 17 Controllo bassi, 100 Hz | R1781, 1782 |
| 6 Controllo acustico 2,5 kHz | R1299, 1300 | 18 Controllo acuti, 7 kHz | R1783, 1784 |
| 7 Filtro 100 Hz | SK-G | 19 Sistema altoparlanti "A" | SK-N |
| 8 Filtro 6 kHz | SK-H | 20 Sistema altoparlanti "B" | SK-T |
| 9 Commutatore tono defeat | SK-K | 21 Uscita MFB | SK-U |
| 10 Indicatore stereo | D6324 | 22 Indicatore selezione | D6001 |
| 11 Mode | SK-B | 23 Monitor, tape 1 | SK-V |
| 12 Selettore Source | SK-A | 24 Monitor, tape 2 | SK-W |
| 13 On/off | SK-M | 25 Tasto per copiatura nastro 1→2 | SK-X |
| | | 26 Tasto per copiatura nastro 2→1 | SK-Y |



18427C2

(GB)

- 27 Aux input
- 28 Tuner input
- 29 Phono 2 input
- 30 Phono 1 input
- 31 Earth screw
- 32 Tape 1 input/output
- 33 Tape 2 input/output
- 34 Tape 2 DIN input/output
- 35 MFB output
- 36 Loudspeaker outputs

- BU5
BU17
BU18
BU4
BU6,7
BU8,9
BU10
BU11
BU12...15

(NL)

- Aux-ingang
Tuner-ingang
Phono 2 ingang
Phono 1 ingang
Aardschroef
Tape 1 in/uitgang
Tape 2 in/uitgang
Tape 2 DIN-in/uitgang
MFB uitgang
LS-uitgangen

(F)

- 27 Entrée auxiliaire
- 28 Entrée tuner
- 29 Entrée phonocapteur 2
- 30 Entrée phonocapteur 1
- 31 Vis de masse
- 32 Entrée/sortie magnétophone 1
- 33 Entrée/sortie magnétophone 2
- 34 Entrée/sortie magnétophone 2, norme DIN
- 35 Sortie MFB
- 36 Sorties H-P

- BU5
BU17
BU18
BU4
BU6,7
BU8,9
BU10
BU11
BU12...15

(D)

- Auxiliary-Eingang
Tuner-Eingang
Eingang für Phono 2
Eingang für Phono 1
Erdungsschraube
Ein/Ausgang für Band 1
Ein/Ausgang für Band 2
DIN-Ein/Ausgang für Band 2
MFB-Ausgang
LS-Ausgänge

(I)

- 27 Ingresso ausiliario
- 28 Ingresso tuner
- 29 Ingresso phono 2
- 30 Ingresso phono 1
- 31 Vite per massa
- 32 Tape 1 input/output
- 33 Tape 2 input/output
- 34 Tape 2 DIN input/output
- 35 MFB output
- 36 Uscite altoparlanti

(GB)

Power supply voltage —/00 220 V AC 50 Hz
—/15 240 V AC 50 Hz
—/28 220 V AC/127 V AC 50 Hz

Power consumption 26-225 W
Dimensions 458x350x150 mm

Inputs (1 kHz)

Phono 1 2,5 mV/47 k Ω
Phono 2 2,5 mV/47 k Ω
Tape 1 150 mV/100 k Ω
Tape 2 150 mV/100 k Ω
Aux 150 mV/50 k Ω
Microphone 1 mV/2 k Ω
Tuner 150 mV/100 k Ω

Outputs (1 kHz)

Tape 1 150 mV
Tape 2 150 mV
Tape 2 DIN 13 mV/47 k Ω
2x2 Loudspeakers 2x60 W/8 Ω , d $\leq$ 0,08 %
Headphones 50 mW/100 Ω
MFB 3 V/300 Ω

(NL)

Voedingsspanning

Opgenomen vermogen

Afmetingen

Ingangen (1 kHz)

Platenspeler MD1
Platenspeler MD2
Tape 1
Tape 2
Aux
Microfoon
Tuner

Uitgangen (1 kHz)

Tape 1
Tape 2
Tape 2 DIN
Luidsprekers (2x2)
Hoofdtelefoon
MFB

(F)

Tension d'alimentation

—/00 220 V~ 50 Hz
—/15 240 V~ 50 Hz
—/28 220 V~/127 V~ 50 Hz

Puissance absorbée 26-225 W
Dimensions 458x350x150 mm

Entrées (1 kHz)

Phonocapteur 1 2,5 mV/47 k Ω
Phonocapteur 2 2,5 mV/47 k Ω
Magnétophone 1 150 mV/100 k Ω
Magnétophone 2 150 mV/100 k Ω
Aux. 150 mV/50 k Ω
Microphone 1 mV/2 k Ω
Tuner 150 mV/100 k Ω

Sorties (1 kHz)

Magnétophone 1 150 mV
Magnétophone 2 150 mV
Magnétophone 2 prise DIN 13 mV/47 k Ω
Enceintes (2x2) 2x60 W/8 Ω , d $\leq$ 0,08 %
Casque 50 mW/100 Ω
MFB 3 V/300 Ω

(D)

Versorgungsspannung

Leistungsaufnahme
Abmessungen

Eingänge (1 kHz)

Phono 1
Phono 2
Band 1
Band 2
Auxiliary
Mikrofon
Tuner

Ausgänge (1 kHz)

Band 1
Band 2
Band 2 (DIN-Buchse)
Lautsprecher (2x2)
Kopfhörer
MFB-Lautsprecher

(I)

Tensione alimentazione

Potenza assorbita
Dimensioni

Ingressi (1 kHz)

Phono 1
Phono 2
Registratore 1
Registratore 2
Ausiliario
Microfono
Sintonizzatore

Uscite (1 kHz)

Registratore 1
Registratore 2
Registratore 2
2 DIN
2x2 casse acustiche
Cuffia
MFB

(GB)

For more detailed technical specifications please consult commercial documentation.

(F)

Pour l'obtention de données techniques plus détaillées veuillez consulter la documentation commerciale.

(NL)

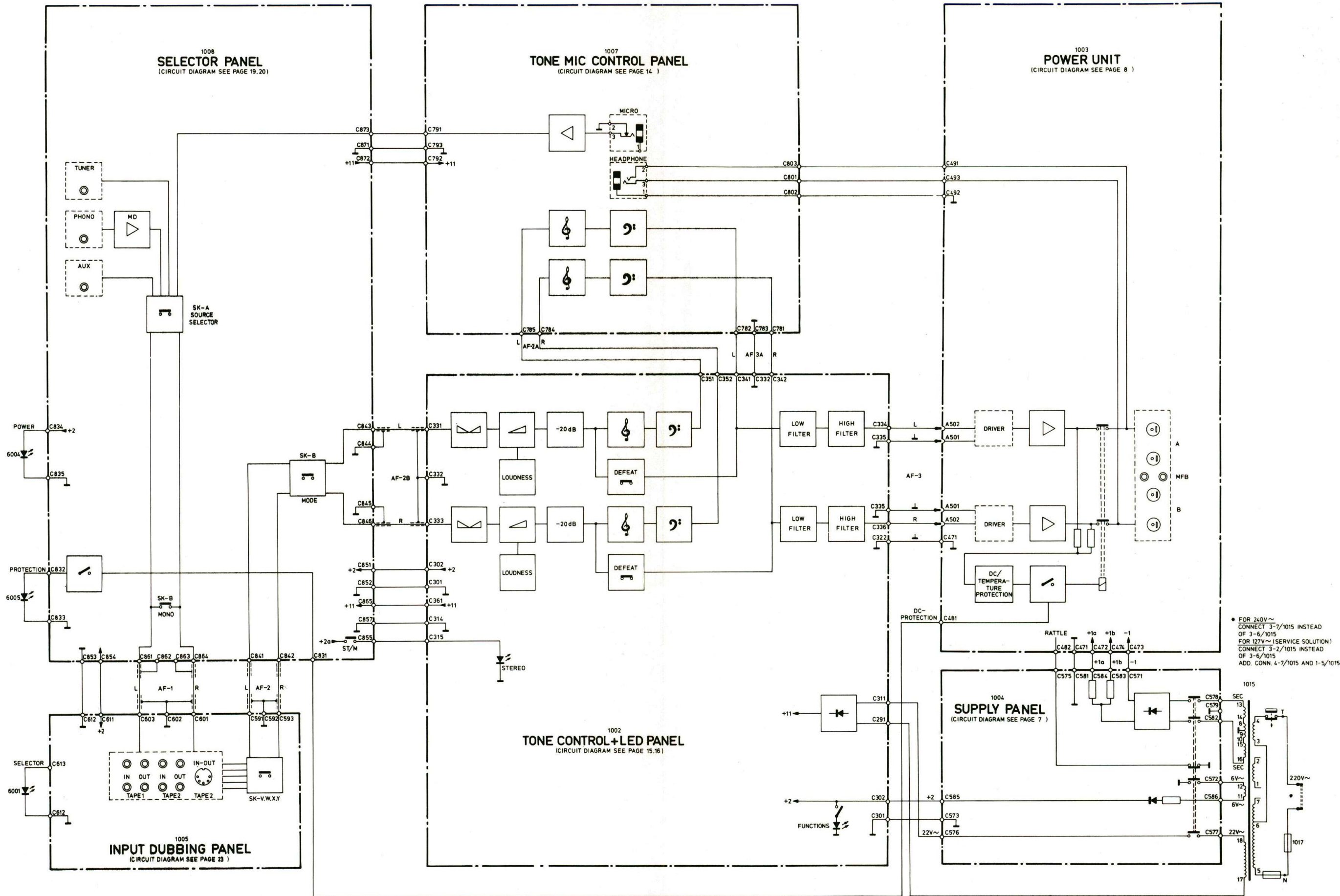
Voor meer uitgebreide technische specificaties gelieve de commerciële documentatie te raadplegen.

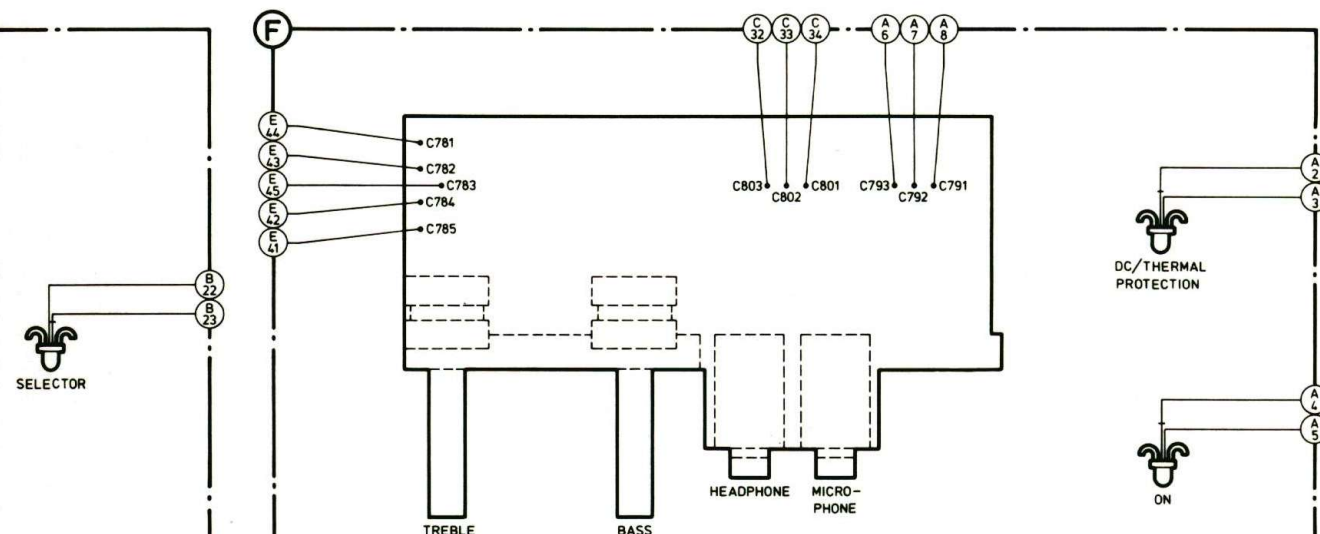
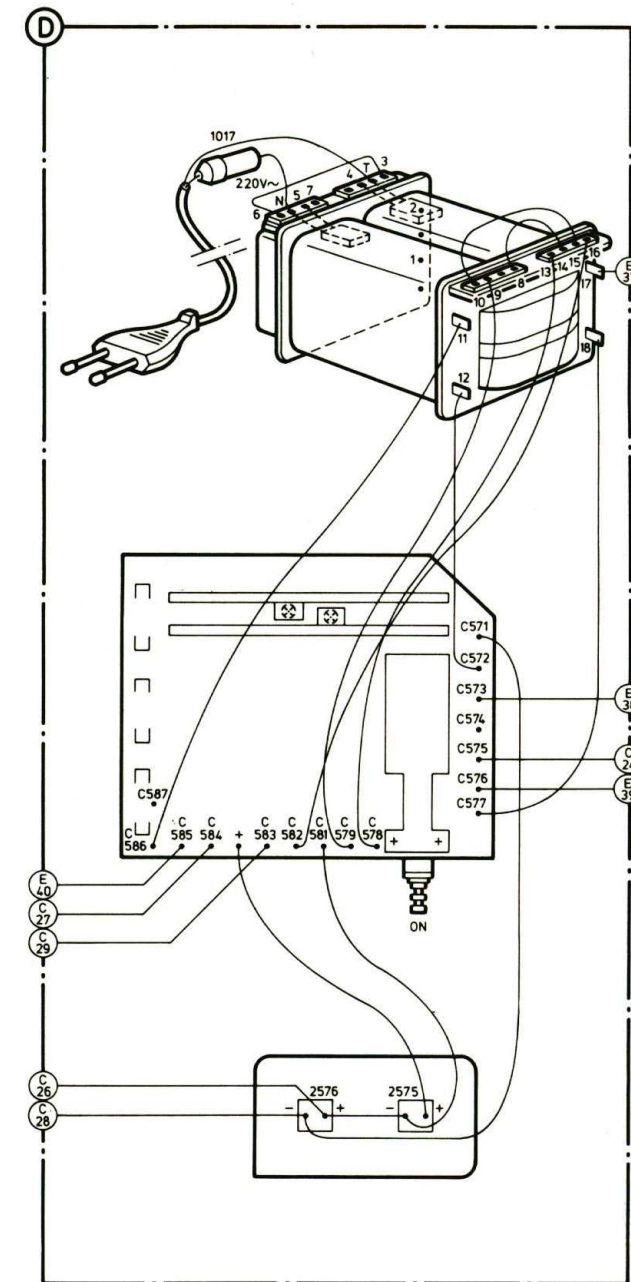
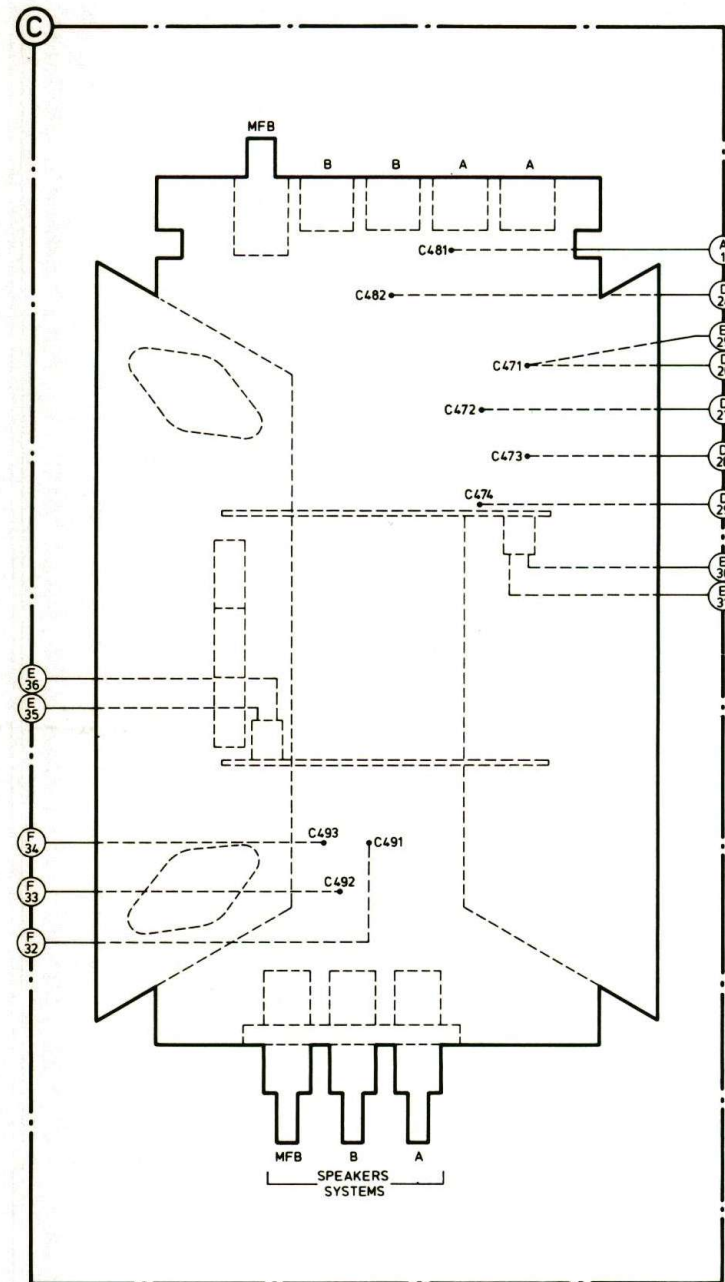
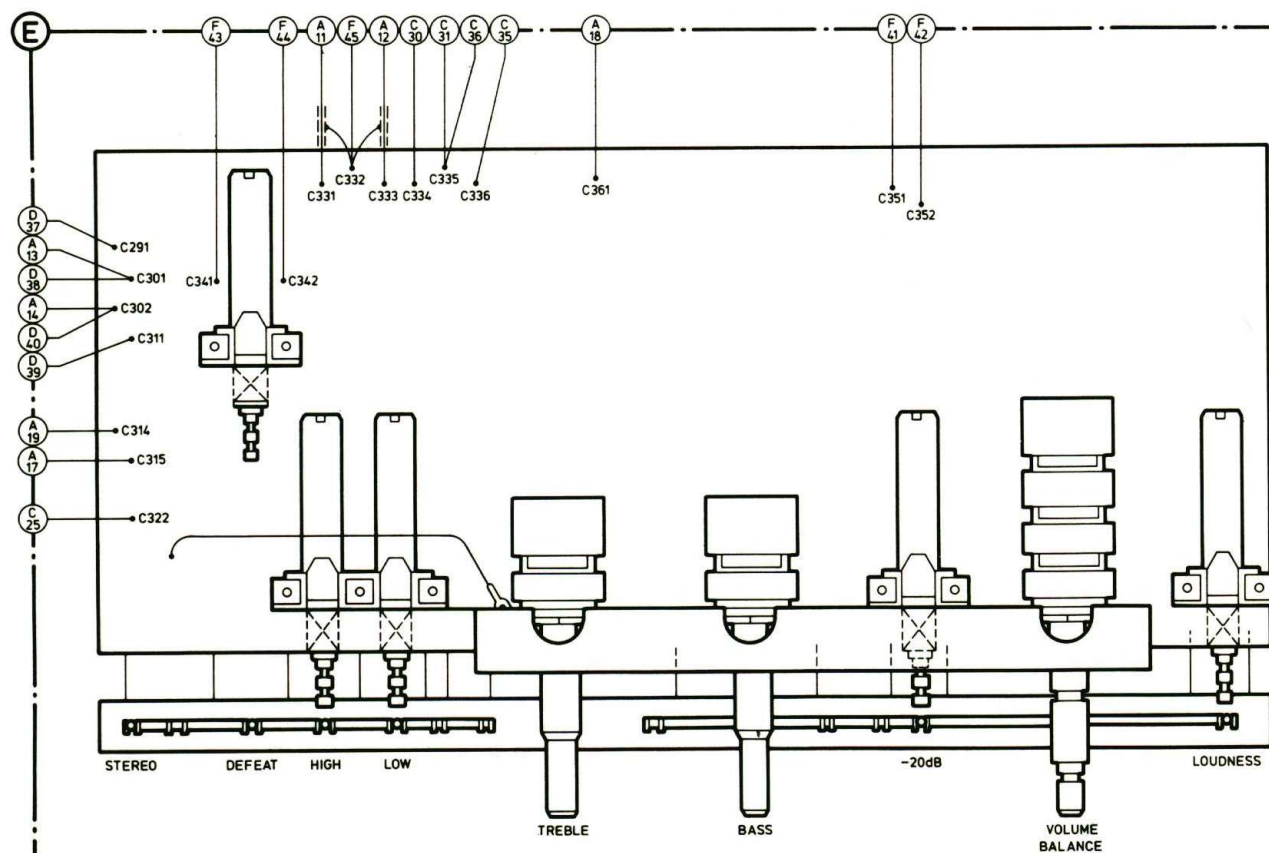
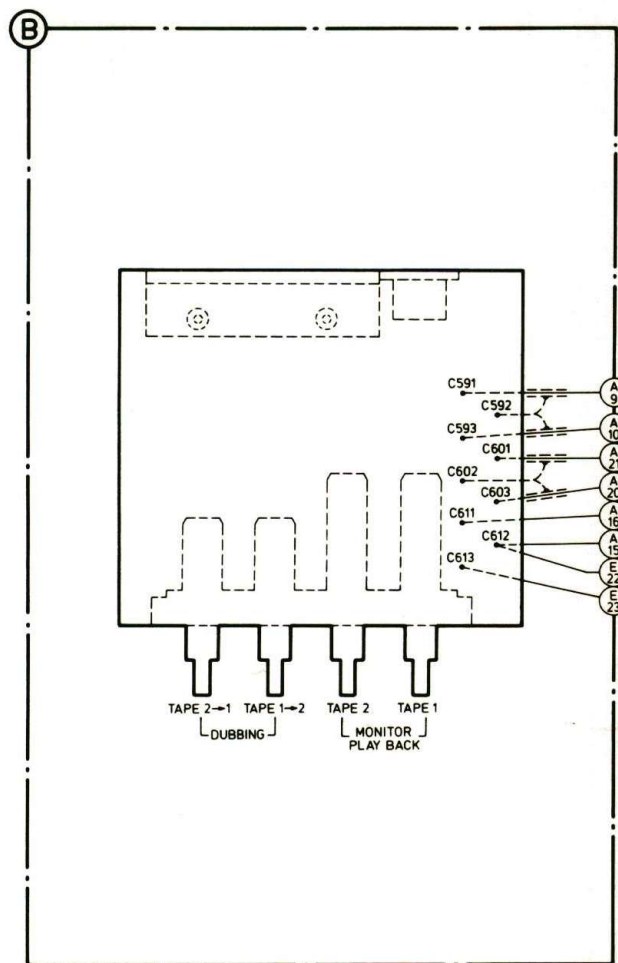
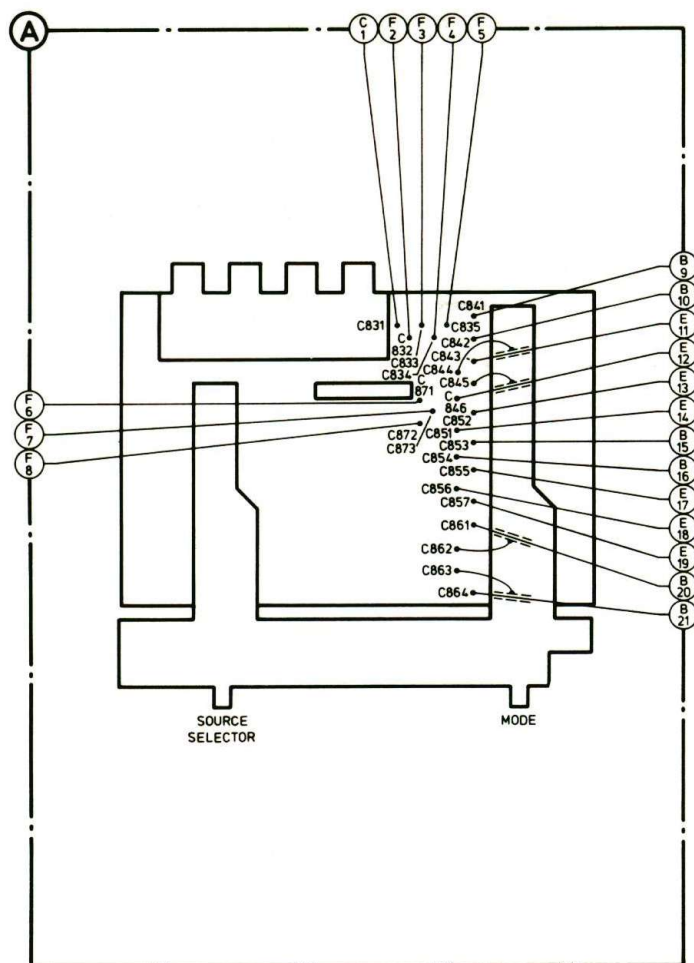
(D)

Für eine mehr detaillierte technische Spezifikation verweisen wir auf die kommerzielle Dokumentation.

(I)

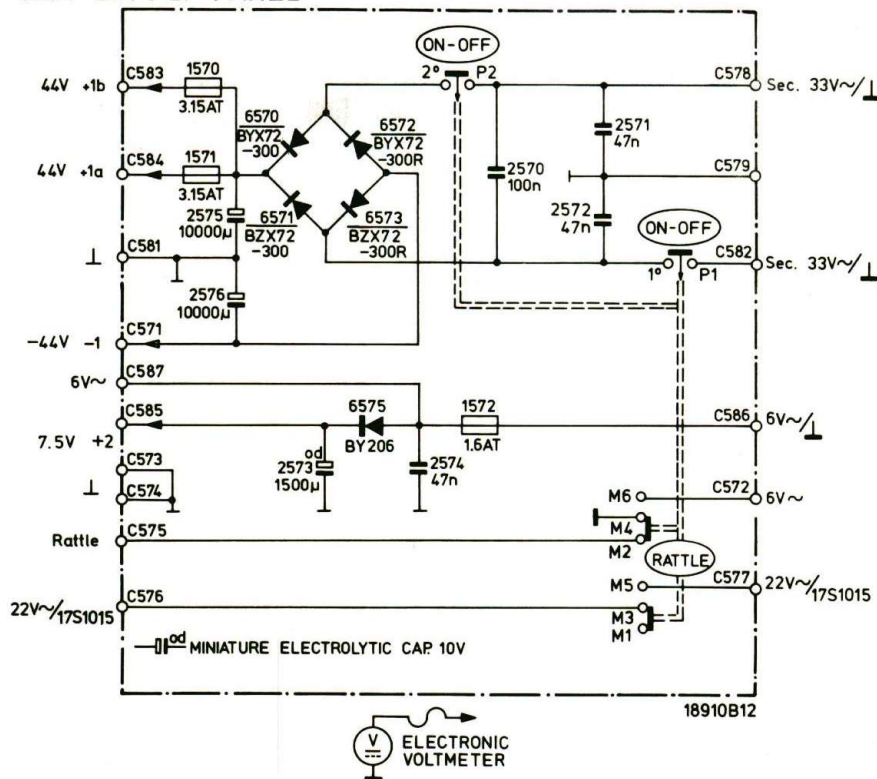
In modo da ottenere dati tecnici più particolareggiati, vi preghiamo di riferirvi alla documentazione commerciale.





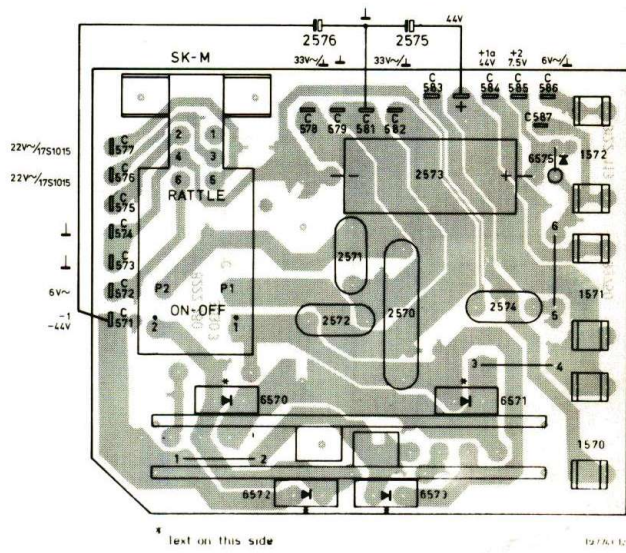
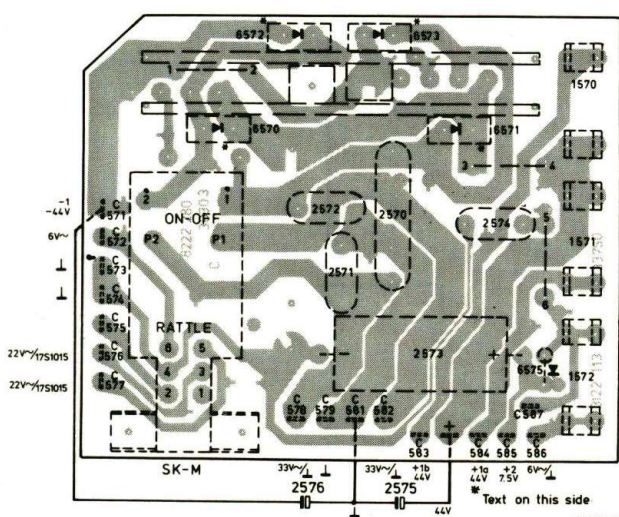
MISC	1570.1571	D6572.6575	1572
C	2575.2576	2573	2574 2570 2572.2571

1004 SUPPLY PANEL



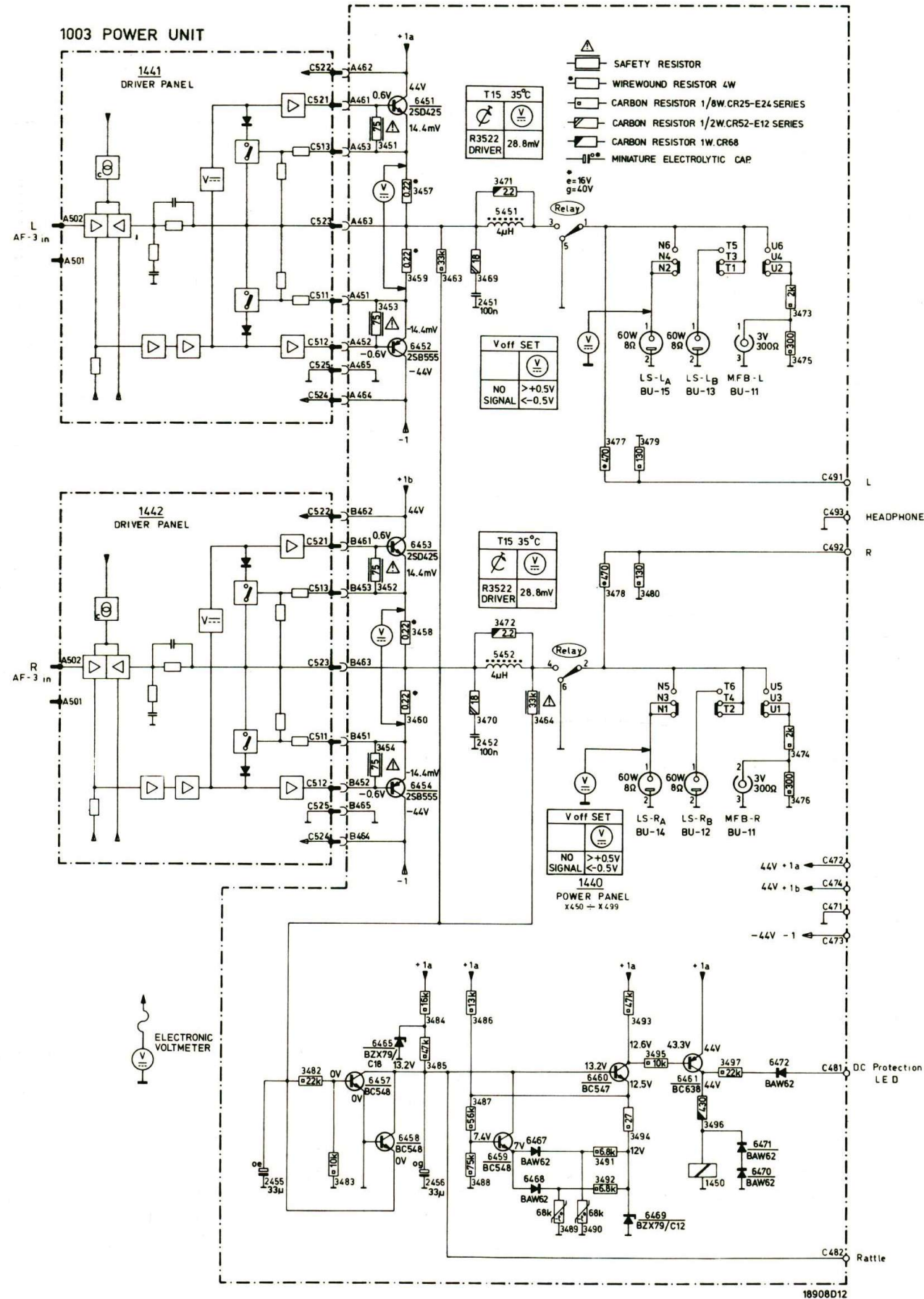
C	2572.2571	2570	2574
D	2576	2575.2573	2574

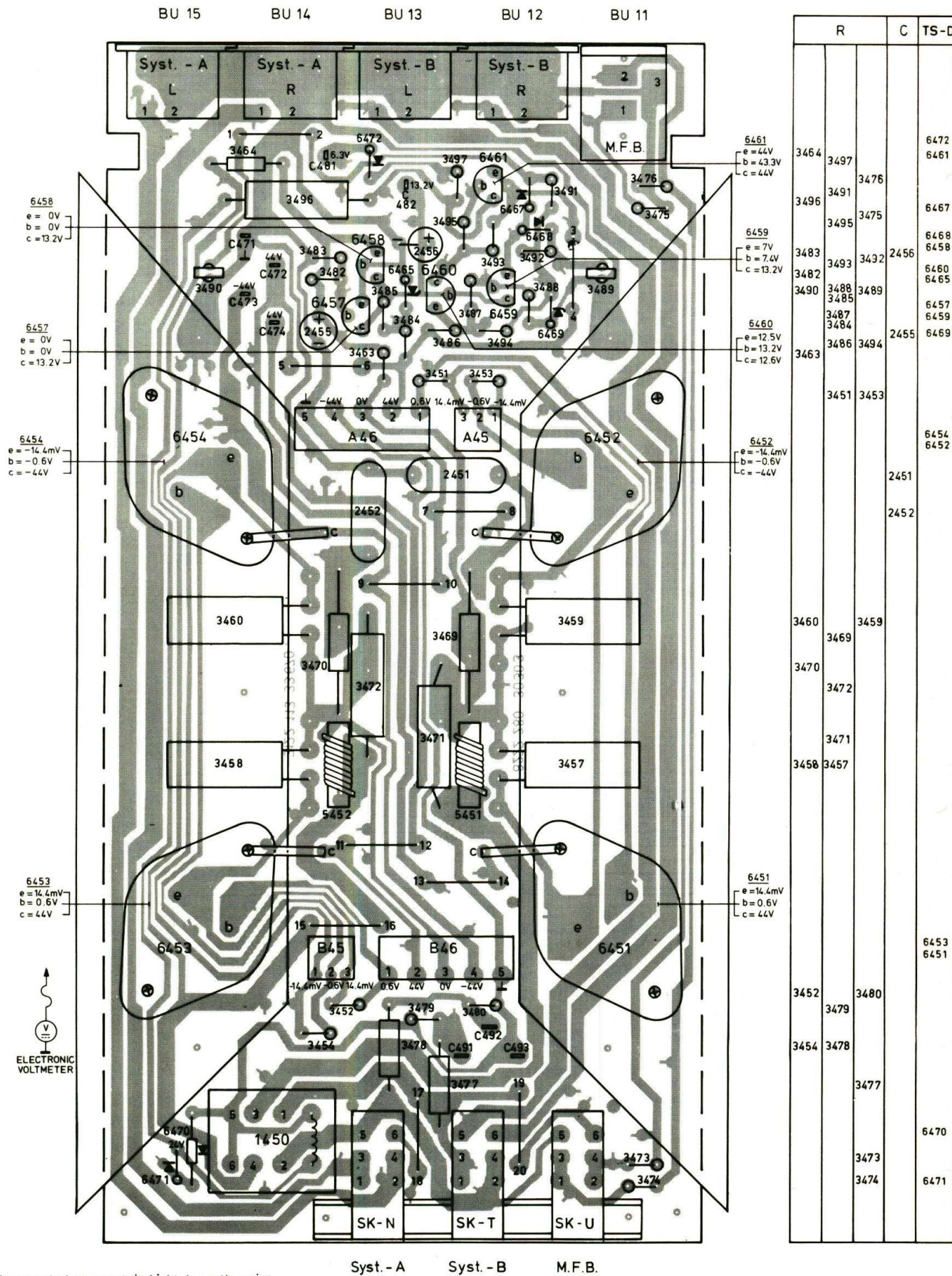
C	2576	2575.2573	2574
D	6570.6572	6573	6571.6575



MISC	1441.1442	TS6457.6458.6451...6454. D6465. L5451.5452. TS6459. D6467...6469. TS6460.6461.1450. BU-11...15. D6470...6472
C	2450	2456 2451.2452
R		3482.3483.3451...3454.3457...3460.3463.3484...3488.3469...3472.3469.3489...3494.3477...3480.3495...3497.3473...3476

1003 POWER UNIT

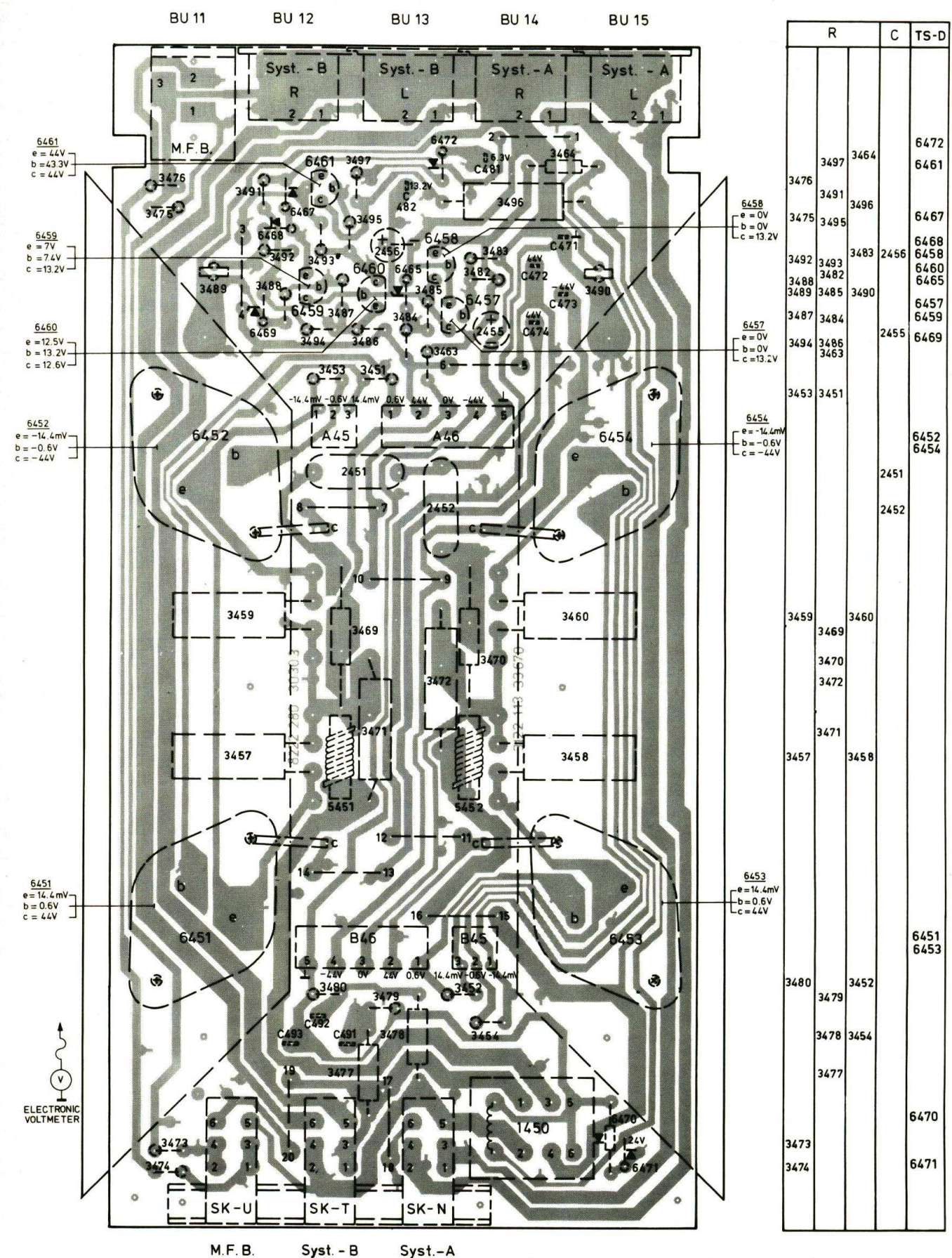




To be mounted at a certain height from the print.
3469, 3470, 3471, 3472, 3477, 3478, 3496.

Syst. - A	Syst. - B	M.F.B.
-----------	-----------	--------

18611D12



To be mounted at a certain hight from the print.
3469, 3470, 3471, 3472, 3477, 3478, 3496

M.F.B. Syst. - B Syst.-A

6465
6469

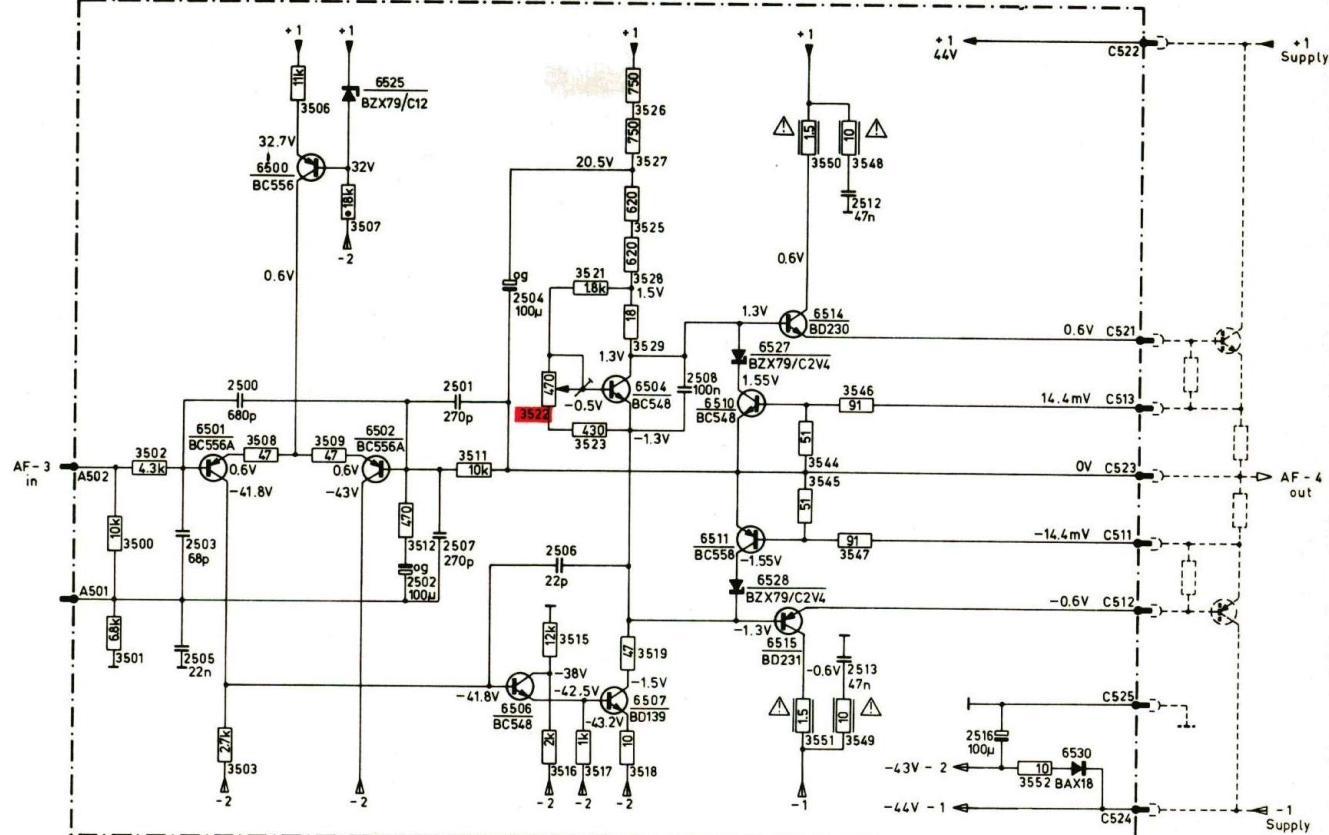
6467, 6468
6470, 6471
6472

k a

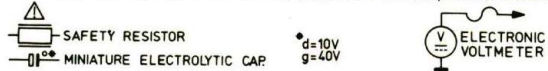
red blue

MISC	6501	6500	6525, 6502	6506	6504, 6507, 6510, 6511, 6527, 6528, 6515, 6514	6530
C	2503, 2505, 2500		2502, 2507, 2501, 2504, 2506	2508	2512, 2513	2516
R	3500...3502	3503	3506...3509	3512	3511, 3521...3523, 3515...3519, 3525...3529, 3550, 3551, 3544...3547, 3548, 3549	3552

1441 DRIVER PANEL

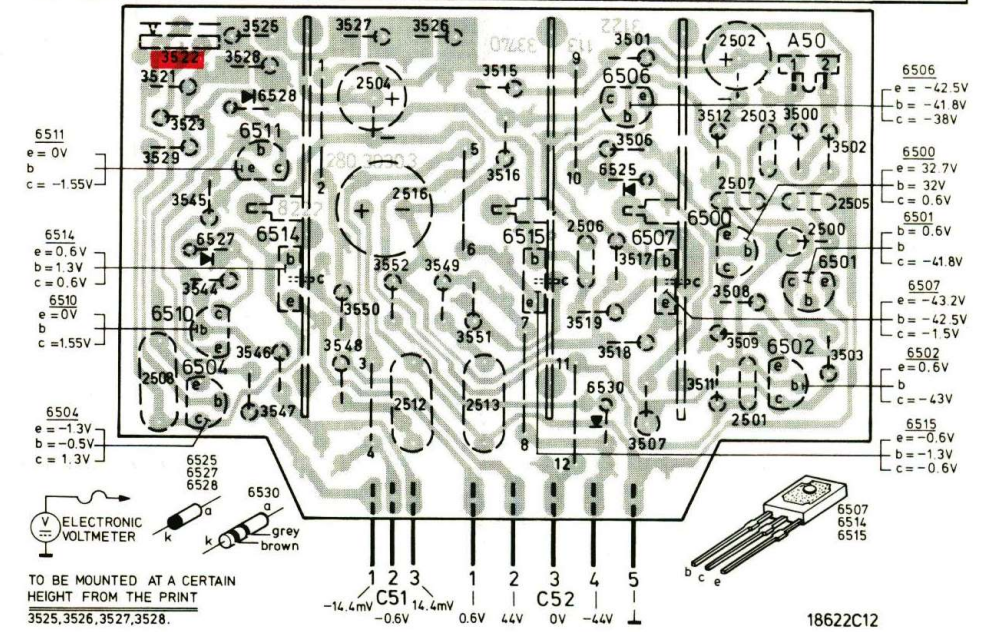


ALL RESISTORS ARE 1/8W, CR25-E24 SERIES, EXCEPT R3507=1/4W, CR37-E12 SERIES



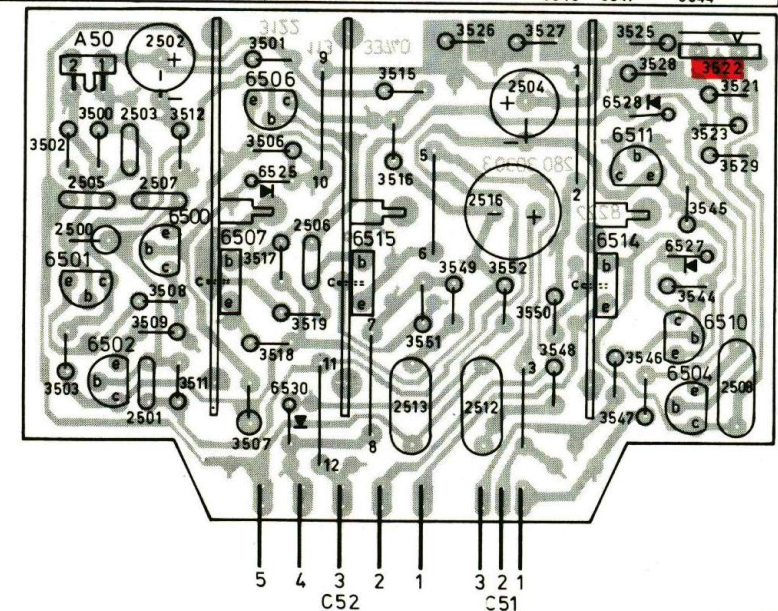
17464C12

D	6527	6528	6530, 6525
TS	6510, 6504, 6511, 6514	6515	6506, 6507, 6500, 6502, 6501
C	2508	2512, 2513	2506, 2502, 2503, 2505
R	3522, 3525, 3527, 3526, 3515, 3501, 3512, 3500	3522, 3528, 3523, 3549, 3516, 3506, 3508, 3502	3521, 3545, 3546, 3550, 3551, 3519, 3517, 3509, 3529, 3544, 3547, 3548, 3518, 3507, 3511, 3503



18622C12

D	6525, 6530	6528	6527
TS	6501, 6502, 6500, 6507, 6506	6515	6514, 6511, 6510, 6504
C	2505, 2503, 2502	2506	2516, 2504
R	2500, 2501, 2507	2513, 2512	2508
	3500, 3512, 3501, 3515, 3526, 3527, 3525, 3522	3502, 3508, 3506, 3516, 3549, 3552, 3528, 3523, 3521	3503, 3509, 3517, 3519, 3551, 3550, 3546, 3545, 3529
	3503, 3511, 3507, 3518	3548, 3547, 3544	



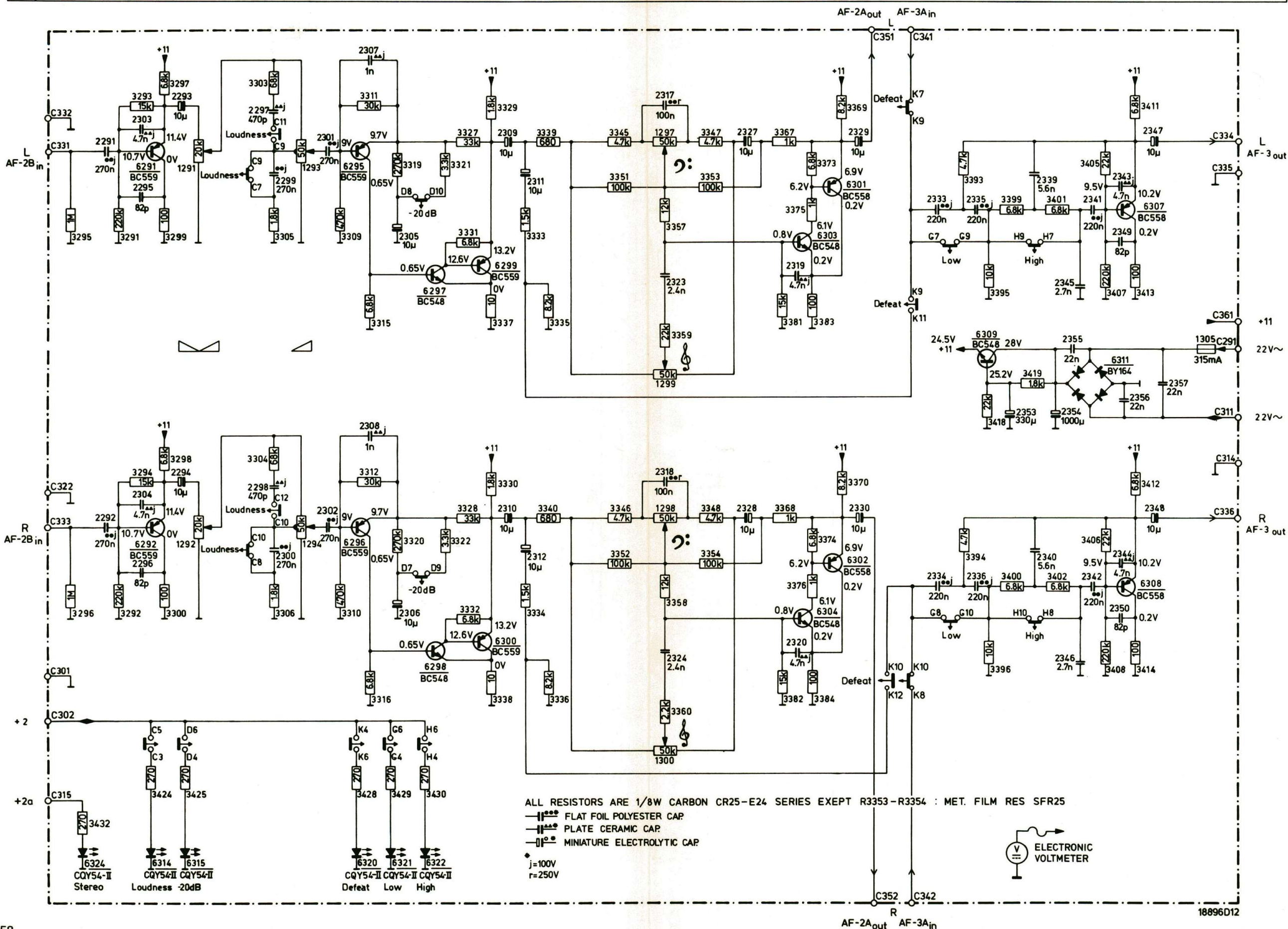
18621C12

1002 TONE CONTROL

15

16

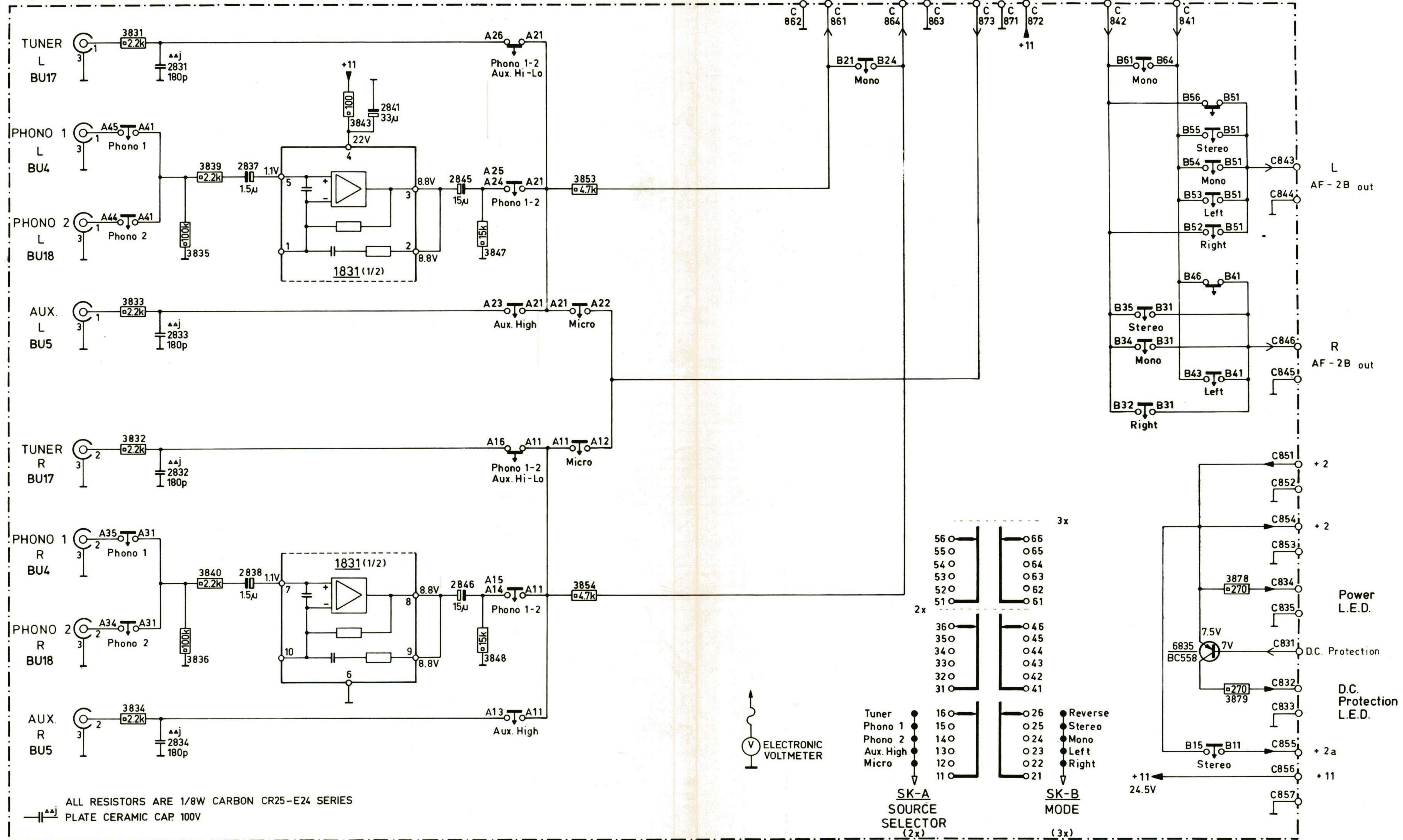
MISC	D6324.D6314 . 6315.TS6291.6292	TS6295.6296.D6320...6322.TS6297...6300	TS6301...6304	TS6309	D6311.TS6307.6308	1305
C	2291.2292.2303.2304.2293	2295 2297...2299.2300...2302.2305...2308	2309...2312	2317.2318.2323.2324.2327.2328	2319.2320.2329.2330	2333...2335.2353.2339...2345.2354...2357.2347...2350
R	3295 3291.3293.3297.3299.1291	3303.3305.1293 3309.3311 3319 3321.3327.3331.3329.3333.3339	3345.3351.1297.3357.3347.3353	3367.3373.3375.3369	3393.3395.3399	3401.3405.3407.3411.3413
R	3432	3294.3298 1292 3304 1294 3312.3315.3320.3322.3328.3330.3337.3335.3340	3352.3346.1298.1299.3359.3348.3354.3368.3381.3383.3374.3370	3394.3418 3419	3406 3412	
R	3296	3292.3424 . 3425.3300	3306 3310 3316 3428...3430 3332.3338 3334.3336	3338.3360.1300	3382.3376.3384	3396.3400 3402 3408.3414



18896D12

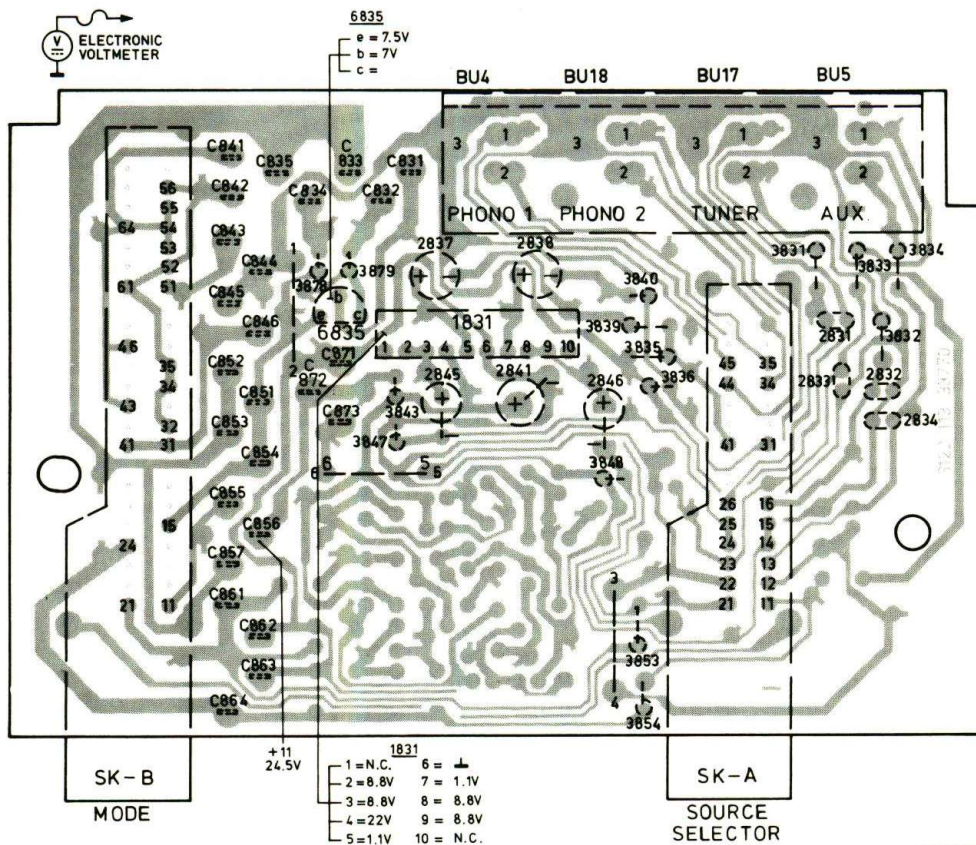
MISC.	BU4, BU5, BU17, BU18	1831	SK-A	SK-B	6835
C	2831...2834	2837, 2838	2841	2845, 2846	
R	3831...3836, 3839, 3840	3843	3847, 3848	3853, 3854	3878, 3879

1008 SELECTOR PANEL



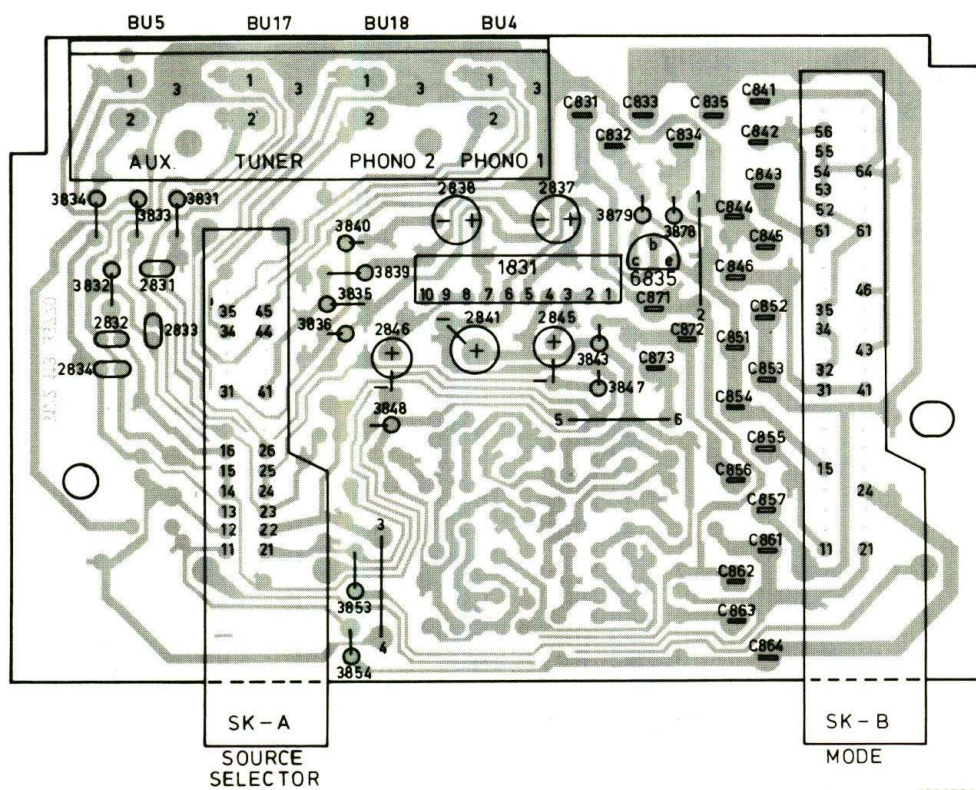
21

MISC	SK-B	6835	SK-A
C	2837	2838	2831 2832
R	2845	2841 2846	2833 2834
	3878 3879	3839 3840	3831 3833 3834
	3843	3848 3835 3836	3832
	3847	3853, 3854	



18990D12

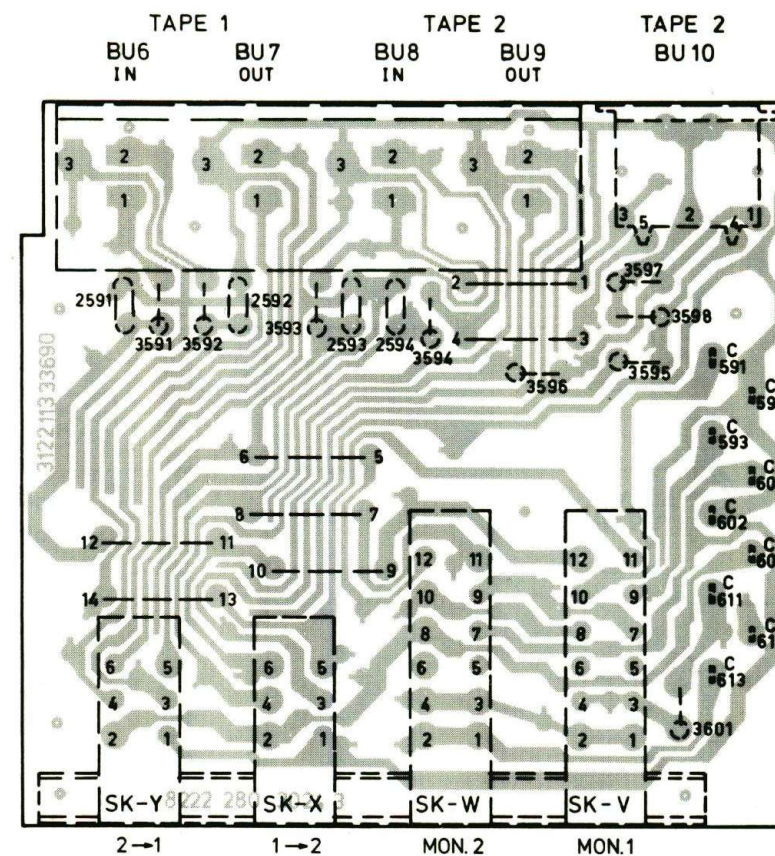
MISC	SK-A	6835	SK-B
C	2832 2831	2838 2837	
R	2834 2833	2846 2841 2845	
	3834 3833 3831	3840 3839	3879 3878
	3832	3836 3835 3848	3843
		3853, 3854	3847



18995D12

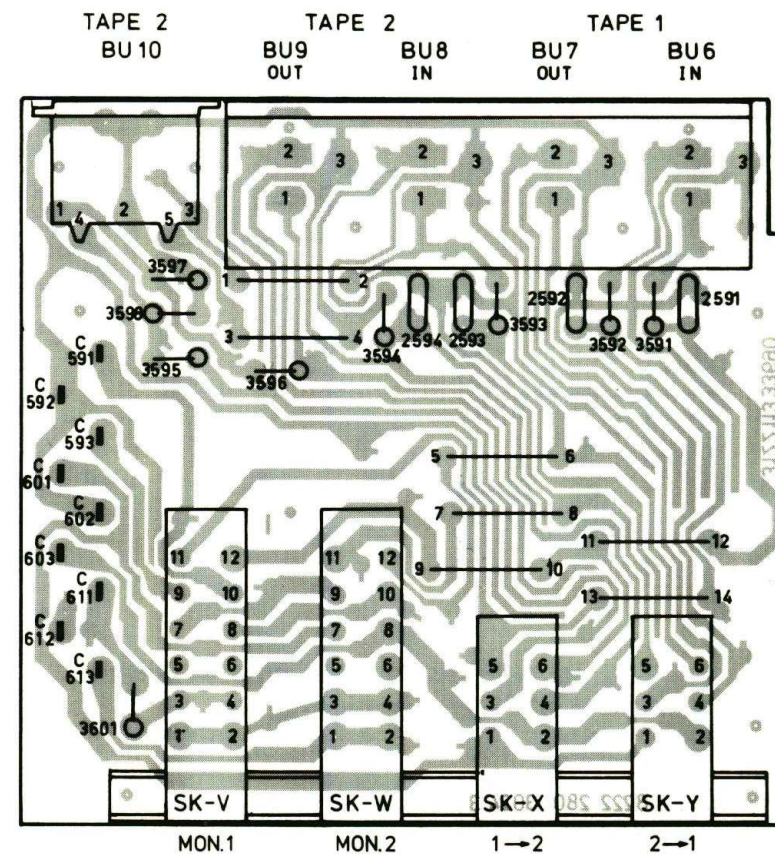
22

C	2591	2592	2593	2594
R	3591 3592	3593	3594	3596 3597 3598
				3595 3601



19653C12

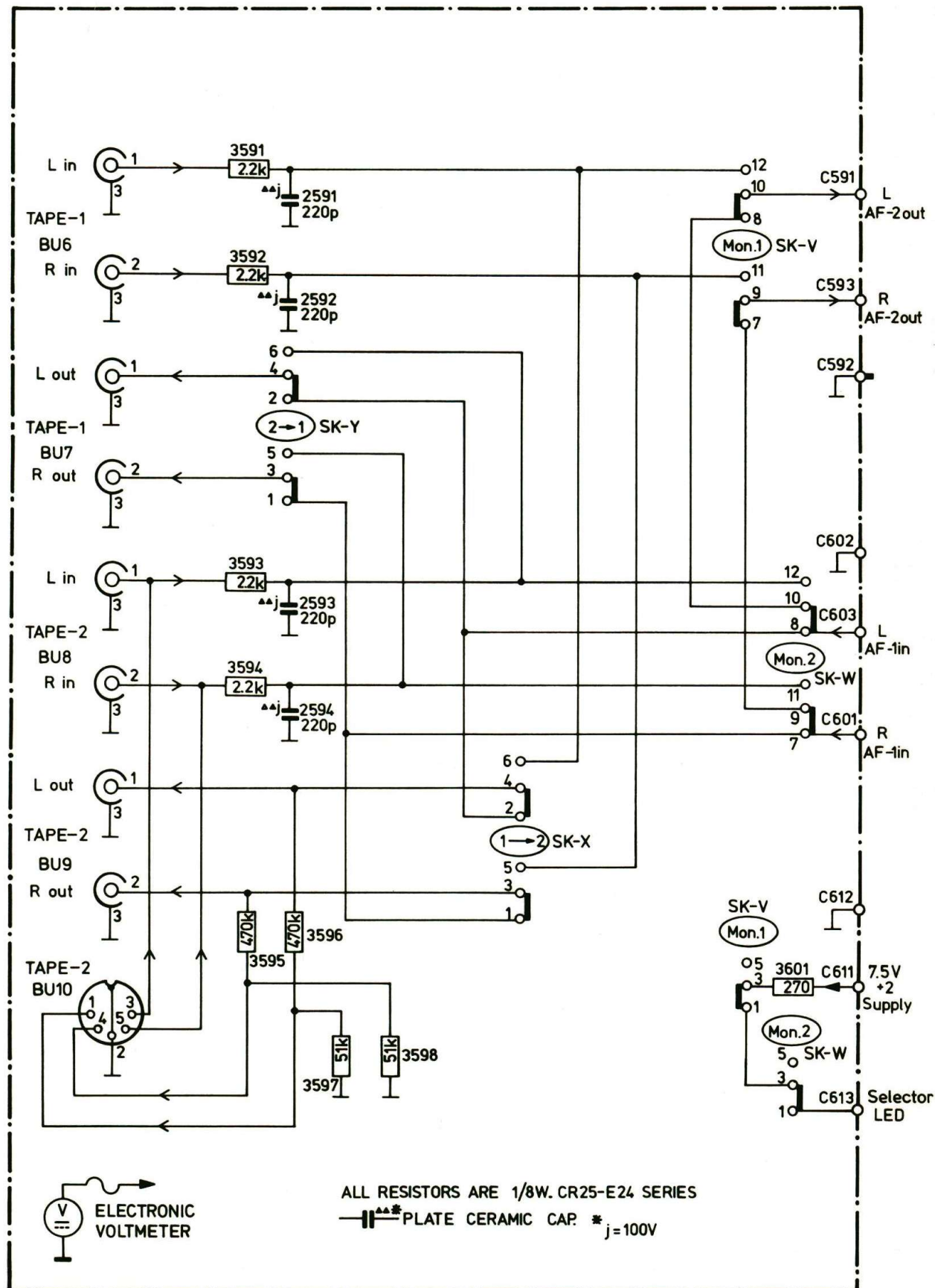
C	3598 3597	3596	2594 2593	2592	2591
R	3601 3595		3594	3593 3592 3591	



19652C12

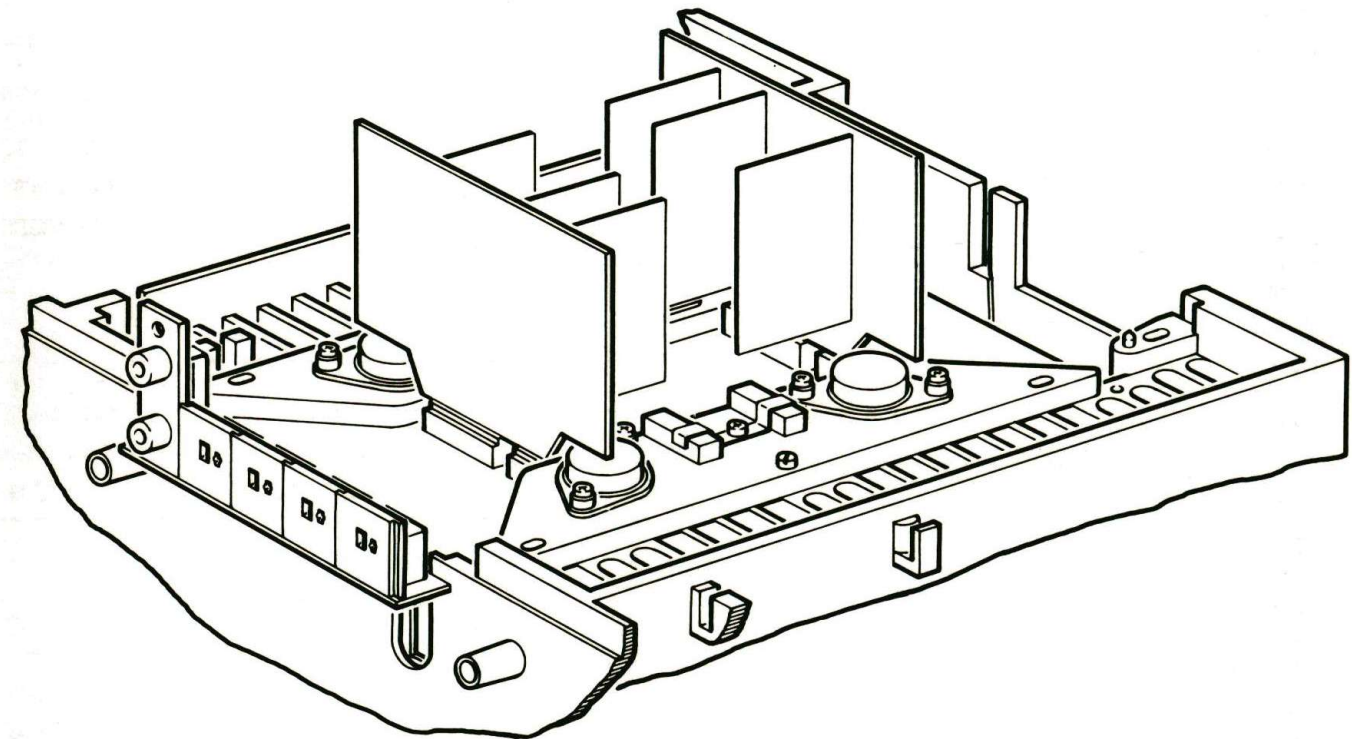
1005 INPUT DUBBING PANEL

MISC.	BU6...10	SK-X	SK-V	SK-W
C	2591...2594			
R	3591...3596, 3597, 3598		3601	

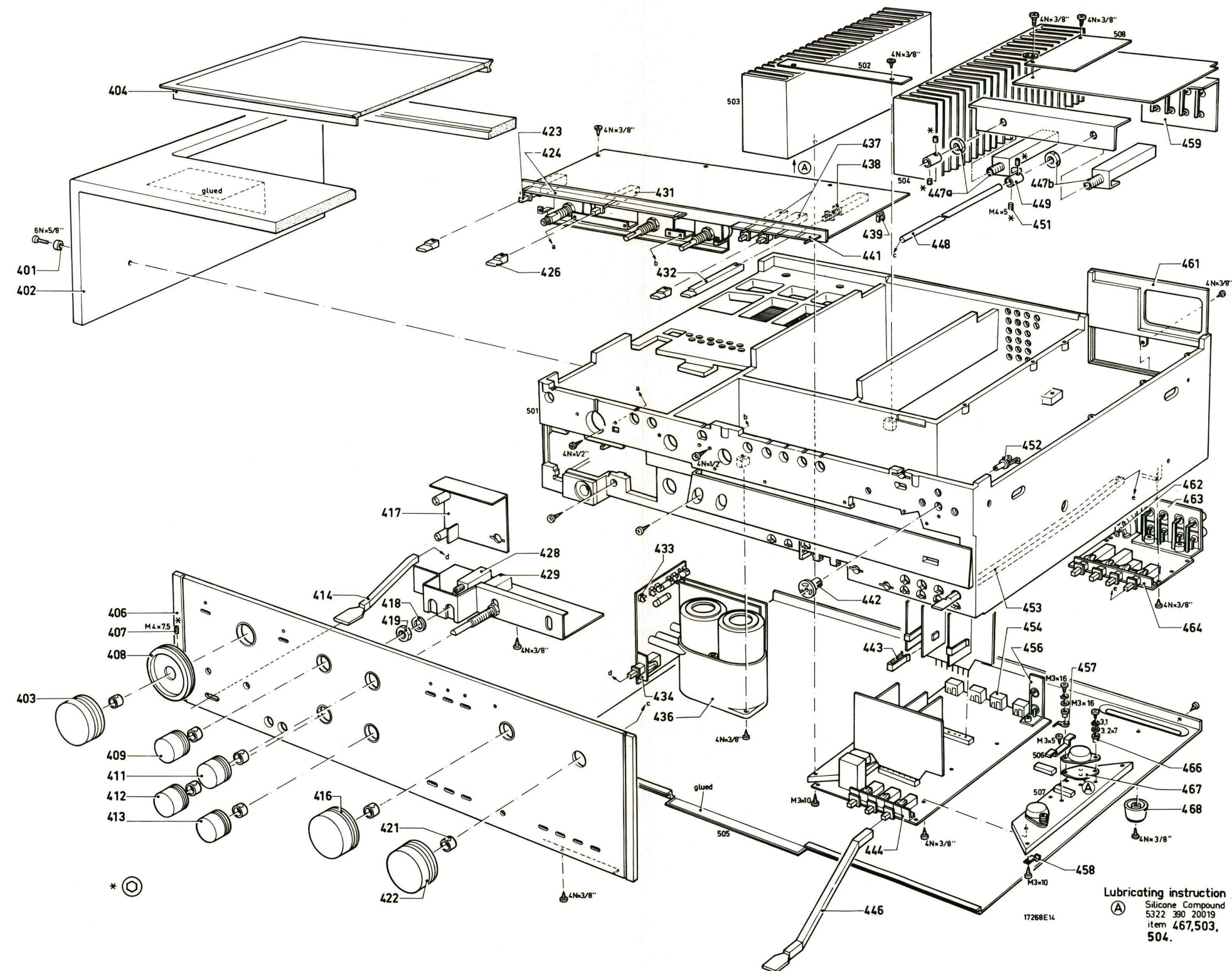


18895D12

401	4822 532 51052	426	4822 410 22211	451	4822 502 11173
402	4822 426 40173	428	4822 267 30291	452	4822 256 90201
403	4822 413 51025	429	4822 267 30324	453	4822 404 20304
404	4822 458 50252	431	4822 276 10734	454	4822 267 30264
406	4822 426 50397	432	4822 410 22213	456	4822 267 30318
407	5322 500 14006	433	4822 492 60063	457	4822 290 30175
408	4822 532 10778	434	4822 276 10735	458	4822 267 62102
409	4822 413 40839	436	4822 404 20295	459	4822 267 50284
411	4822 413 40839	437	4822 276 20254	461	4822 454 10706
412	4822 413 40856	438	4822 276 10734	462	4822 267 40325
413	4822 413 40856	439	4822 256 30142	463	4822 267 50284
414	4822 404 20305	441	4822 256 90291	464	4822 276 40246
416	4822 413 40838	442	4822 520 30358	466	4822 532 51043
417	4822 256 90302	443	4822 492 61976	467	5322 466 90433
418	4822 532 10748	444	4822 276 30255	468	4822 462 71121
419	4822 505 10571	446	4822 410 30208		
421	5322 492 60964	447a	4822 273 60112		
422	4822 413 40838	447b	4822 273 80229		
423	4822 276 10734	448	4822 535 91134		
424	4822 256 90289	449	4822 404 10517		



19790B12



Lubricating instruction
 (A) Silicone Compound
 5322 390 20019
 item 467,503,
 504.

-Miscellaneous-		
1015	Mains transformer	4822 146 80087
	Fuse in 1015	4822 252 20001
1017	Fuse 2 A.T.	4822 253 30025
6001,6004,6005	LED CQY54-II	4822 130 31128

TONE-CONTROL PANEL 1002

-Miscellaneous-		
1291-1294	Potmeter bal.vol. 2x20 k Ω + 2x50 k Ω	4822 102 10146
1297-1300	Potmeter bass. treble 2x50 k Ω	4822 102 30316
1305	Fuse 315 mA.T.	4822 253 30014

-C- 		
Plate cap.		
2295,2296	82 pF - 2 % - 100 V - NPO	4822 122 31318
2349,2350		
2355-2357	22 nF, -20+80 %, 63 V	4822 122 30103
Elco's		
2293,2294		
2305,2306		
2309-2312	10 μ F - 16 V	4822 124 40187
2327-2330		
2347,2348		
2353	330 μ F - 25 V	4822 124 40212
2354	1000 μ F - 40 V	4822 124 20795
Micro poco		
2323,2324	2.4 nF - 5 %	5322 121 54054
2339,2340	5.6 nF - 5 %	4822 121 50543
2345,2346	2.7 nF - 5 %	5322 121 54065

-R- 		
3353,3354	100 k Ω - SFR25	4822 116 51123

-TS- 		
6291,6292		
6295,6296	BC559	4822 130 40963
6299,6300		
6297,6298		
6304,6306	BC548	4822 130 40938
6309		
6301,6302	BC558	4822 130 40941
6307,6308		

-D- 		
6311	BY164	4822 130 30414
6314,6315		
6320-6322	LED CQY54-II	4822 130 31128
6324		

POWER PANEL 1140

-Miscellaneous-		
1450	Relay	4822 280 80384
2451,2452	Pol.cap. 100 nF-20%-100V	4822 121 40334

-Miscellaneous-			
3451-3454	Saf.res. SR25-75 Ω	4822 111 30454	
3457-3460	W.W.res. 0.22 Ω -4 W	4822 115 10043	
3464	Met.film. SFR25-33 k Ω	4822 116 51217	
3489,3490	N.T.C. 68 k Ω	4822 116 30188	
5451,5452	Coil 4 μ H	4822 157 50718	

-TS- 			
6451-6454	Pair 2SD425/2SB555	4822 130 41276	
6457-6459	BC548	4822 130 40938	
6460	BC547	4822 130 44257	
6461	BC638	4822 130 41087	

-D- 			
6465	BZX79/C18	4822 130 31024	
6467,6468	BAW62	4822 130 30613	
6470-6472			
6469	BZX79/12	4822 130 34197	

DRIVER PANEL 1441-1442

-C- 			
2500	680 pF - 5 % micro poco	5322 121 54171	
2501,2507	270 pF-2 % -100 V-N750	4822 122 31335	
2503	56 pF-2 % -63 V-N220	4822 122 31074	
2506	22 pF-2 % -100 V-NPO	4822 122 31317	
2508	100 nF-20 % -250 V flat.cap.	4822 121 41161	
2512,2513	47 nF-20 % -100 V pol.cap.	4822 121 40336	
2516	100 μ F-63 V elco	4822 124 40255	

-R- 			
3508,3509	Saf.res. SR37-47 Ω	4822 111 30006	
3522	Trim.potm. 470 Ω	4822 100 10023	
3548,3549			
3552	Saf.res. SR37-10 Ω	4822 111 30114	
3550,3551	Saf.res. SR25-1.5 Ω	4822 111 30217	

-TS- 			
6500	BC556	4822 130 40989	
6501,6502	BC556A	5322 130 44462	
6504,6506			
6510	BC548	4822 130 40938	
6507	BD139	4822 130 40823	
6511	BC558	4822 130 40941	
6514,6515	Pair BD230/BD231	4822 130 41371	

-D- 			
6525	BZX79/C12	4822 130 34197	
6527,6528	BZX79/C2V4	4822 130 31253	
6530	BAX18	4822 130 34121	

SUPPLY PANEL 1004

			
1570,1571	Fuse 3.15 A.T.	4822 253 30027	
1572	Fuse 1.6 A.T.	4822 253 30024	

SELECTOR PANEL

1008

1831	MD pre amplifier	4822 218 10124
-C- 		
2837,2838	1.5 μ F-50 V	4822 124 20828
2845,2846	15 μ F-25 V	4822 124 40204
-TS- 		
6833,6834	BC548B	4822 130 40937
6835	BC558	4822 130 40941

TONE MIC CONTROL PANEL 1007

-R- 			
1781-1784	Potm.bass.treble 50 k Ω	4822 102 30316	
-C- 			
2783,2784	820 pF-5 % micro poco	5322 121 54072	
2794	100 pF-2 % plate cap	4822 122 31081	
2795	22 μ F-63 V elco	4822 124 20724	
-TS- 			
6781,6782	BC548	4822 130 40938	
6784,6788	BC558	4822 130 40941	
6873			
6787	BC549B	4822 130 40936	

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.

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.

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

Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden; für Reparaturen sind Original-Ersatzteile zu verwenden.

Servicemededeling

PHILIPS NEDERLAND B.V. - EINDHOVEN
TECHNISCHE SERVICE

Ref. 413 PH

Type 22 AH 307

Datum juni 1981

Onderstaande wijzigingen zijn ingevoerd:

DRIVER PANEEL 1441

oud	nieuw	bestelnummer
-----	-------	--------------

C 2500	680 pF	470 pF	5322 121 54078
C 2501	270 pF	180 pF $\Delta\Delta$ j	
C 2503	68 pF	56 pF $\Delta\Delta$ j	

C 2509, 22 pF $\Delta\Delta j$ is toegevoegd tussen voeding - 2 en de collector van TS 6506.

TOONREGELPANEEL 1002

Het hoogfilter is gewijzigd: SK H 9 - 11 en SK H 10 - 12 zijn toegevoegd, zie fig. 1a-b.

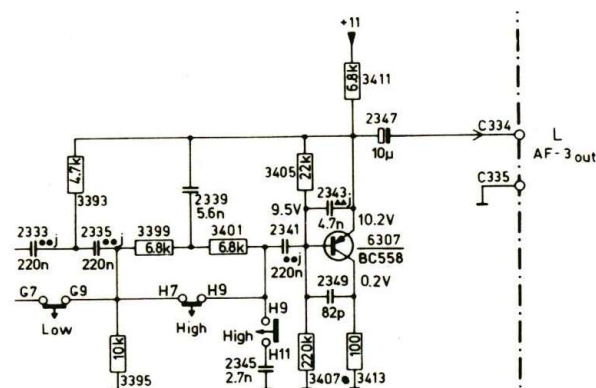


Fig. 1a

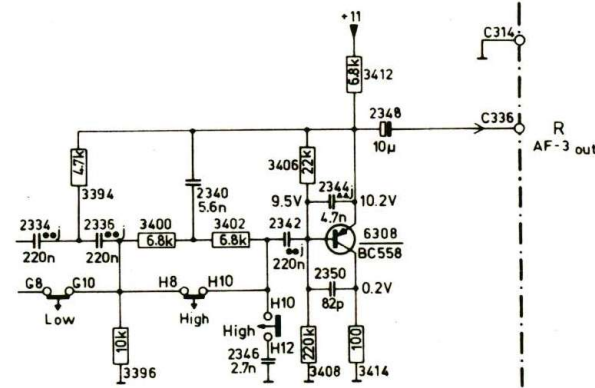


Fig. 1b

TS 6309 is gewijzigd in BC 338, bestelnummer 4822 130 44121.
Ter voorkoming van schakelklikken, als de "mute" schakelaar (-20 dB) wordt bediend, dienen C 2305 en C 2306 te worden vervangen door de elco's van 15 uF - 16V met lage lekstroom, bestelnummer 4822 124 20883.

Servicemededeling

PHILIPS NEDERLAND B.V. - EINDHOVEN
TECHNISCHE SERVICE

Ref. 466 PH

Typ 22AH307;22AH308;22AH708

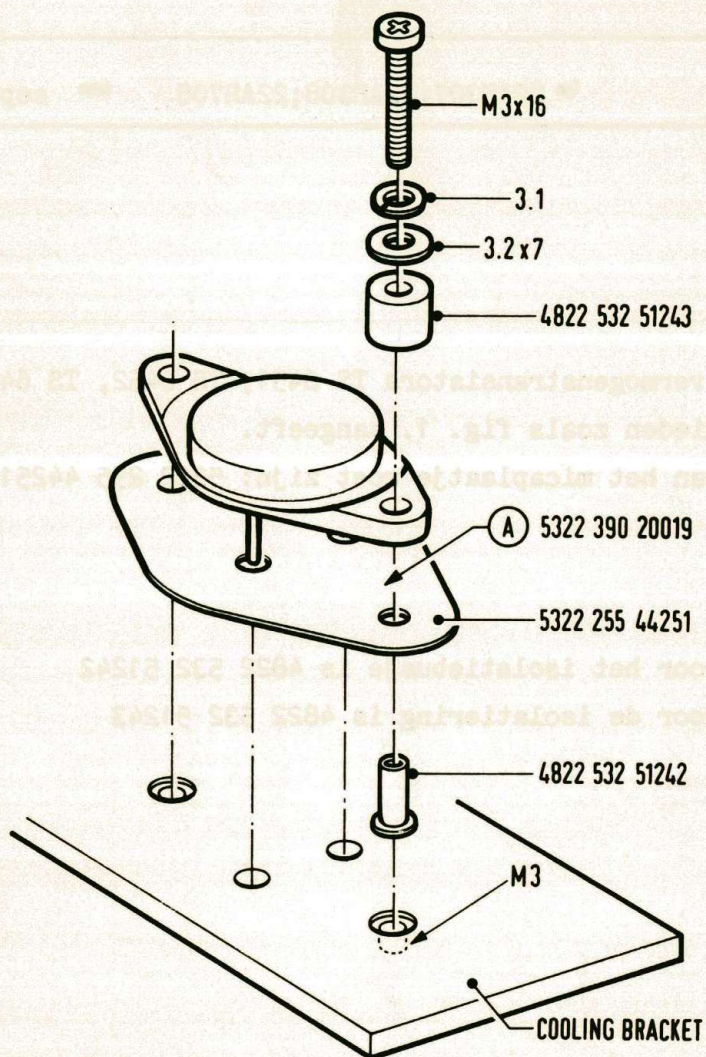
Datum september 1981

Wijzigingen:

- . de montage van de vermogenstransistors TS 6451, TS 6452, TS 6453 en TS 6454 moet geschieden zoals fig. 1. aangeeft.
- . het bestelnummer van het micaplaatje moet zijn: 5322 255 44251.

Toevoegen:

- . het bestelnummer voor het isolatiebusje is 4822 532 51242
- . het bestelnummer voor de isolatiering is 4822 532 51243



24565 B6

Fig. 1