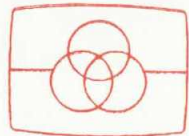


Stereo radio recorder D8234/00/05

Service
Service
Service

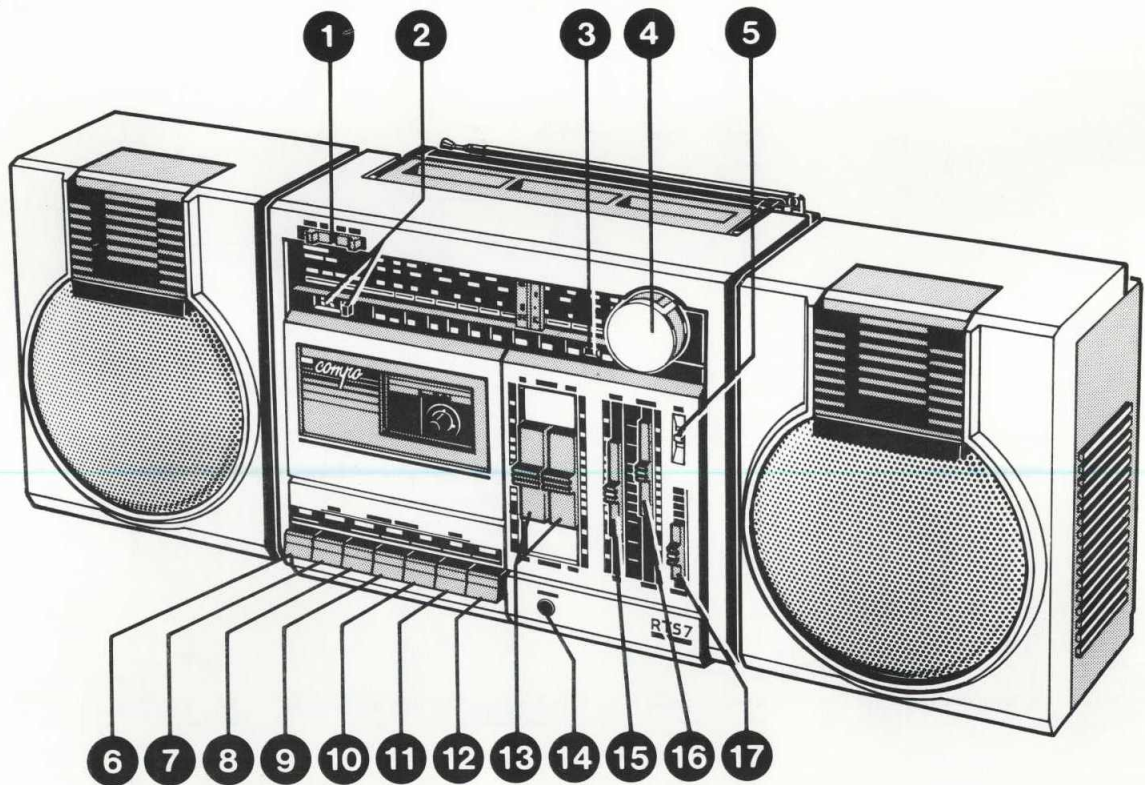


Free service manuals
Gratis schema's
Digitized by

www.freeservicemanuals.info

For repair information of the cassette mechanism see
Service Manual of "Recorders tape deck RTS-1" and
"Recorders tape deck RTS-16"

Service Manual



35 192 A

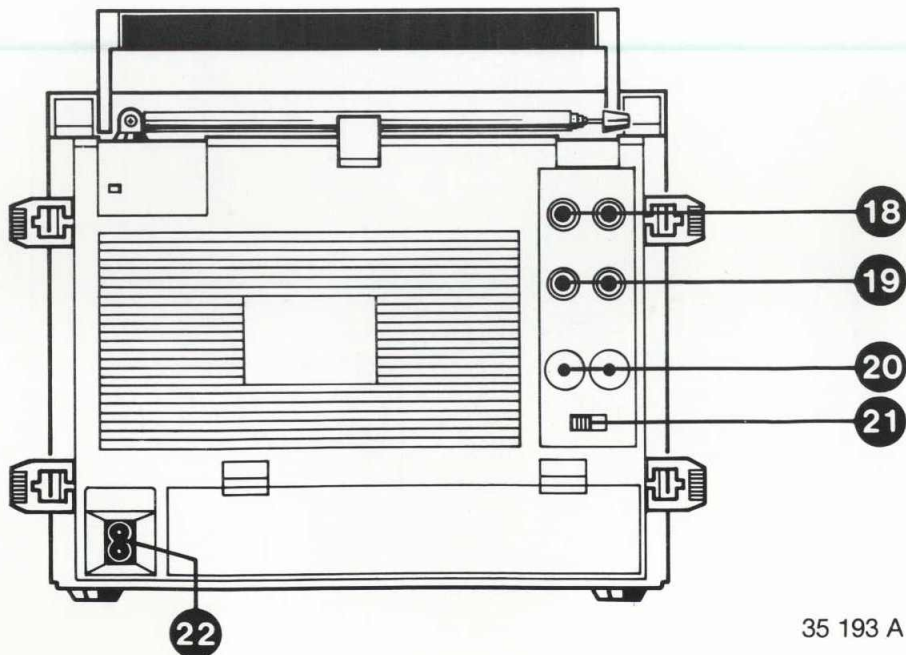
SPECIFICATION

	: 9 V (6 x R20)
	: 220 V 50/60 Hz /00
	: 240 V 50/60 Hz /05
IF-AM	: 468 kHz $\pm$ 1 kHz
IF FM	: 10.7 MHz $\pm$ 0.1 MHz
FM	: 87.5 MHz $\div$ 108 MHz
MW	: 520 kHz $\div$ 1605 kHz
LW	: 150 kHz $\div$ 255 kHz
SW	: 5.9 MHz $\div$ 17.9 MHz

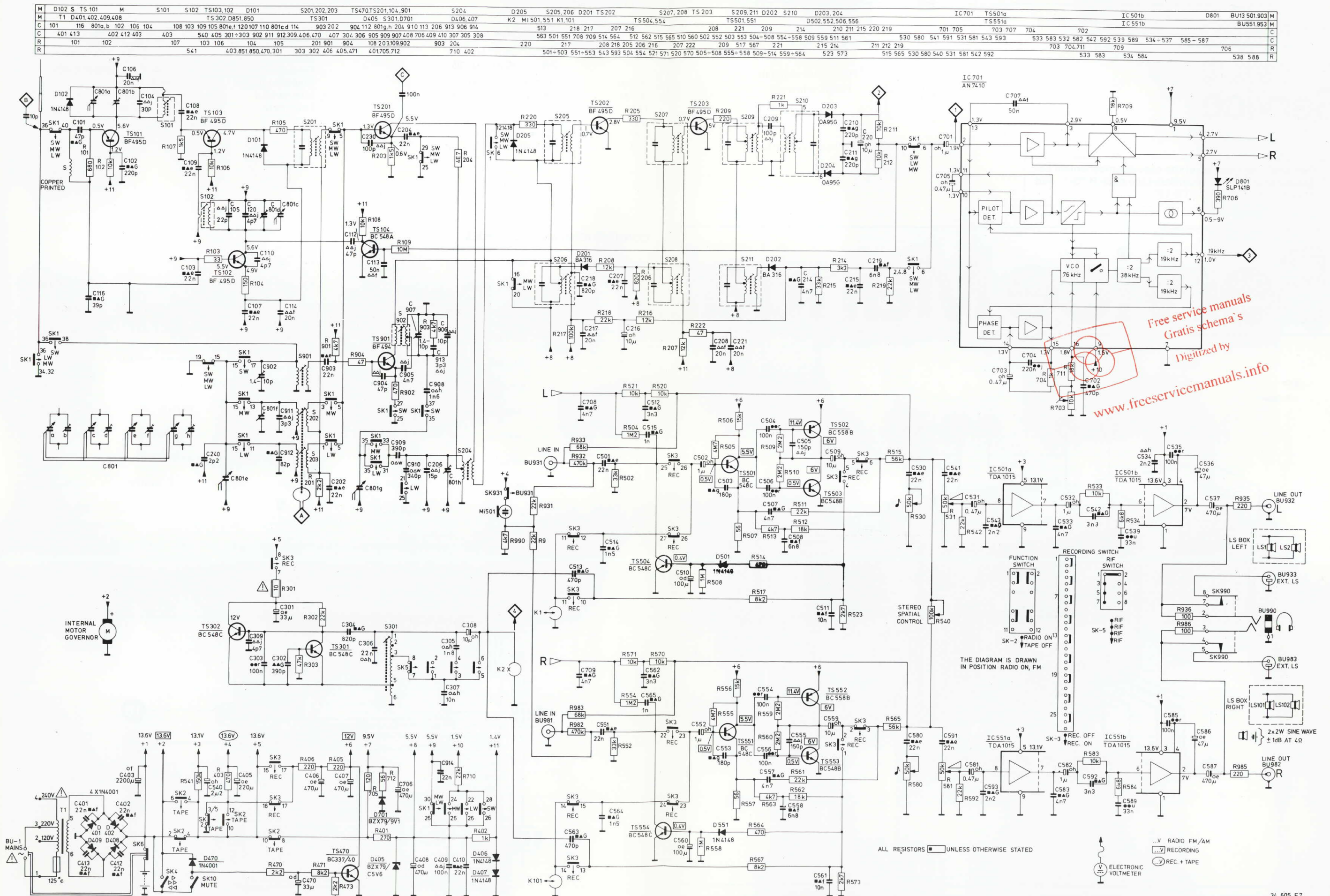
Tape speed	: 4.76 cm/sec. $\pm$ 3%
Wow and flutter	: $\leq$ 0.35% Typ 0.18%
Signal to noise ratio	: $\geq$ 40 dB
Frequency range	: 250-6300 Hz (within 8 dB)
Bias frequency	: 73 kHz
Line output	: 500 mV/220 Ω
Line input	: 300 mV/47 k Ω

CONNECTIONS AND CONTROLS

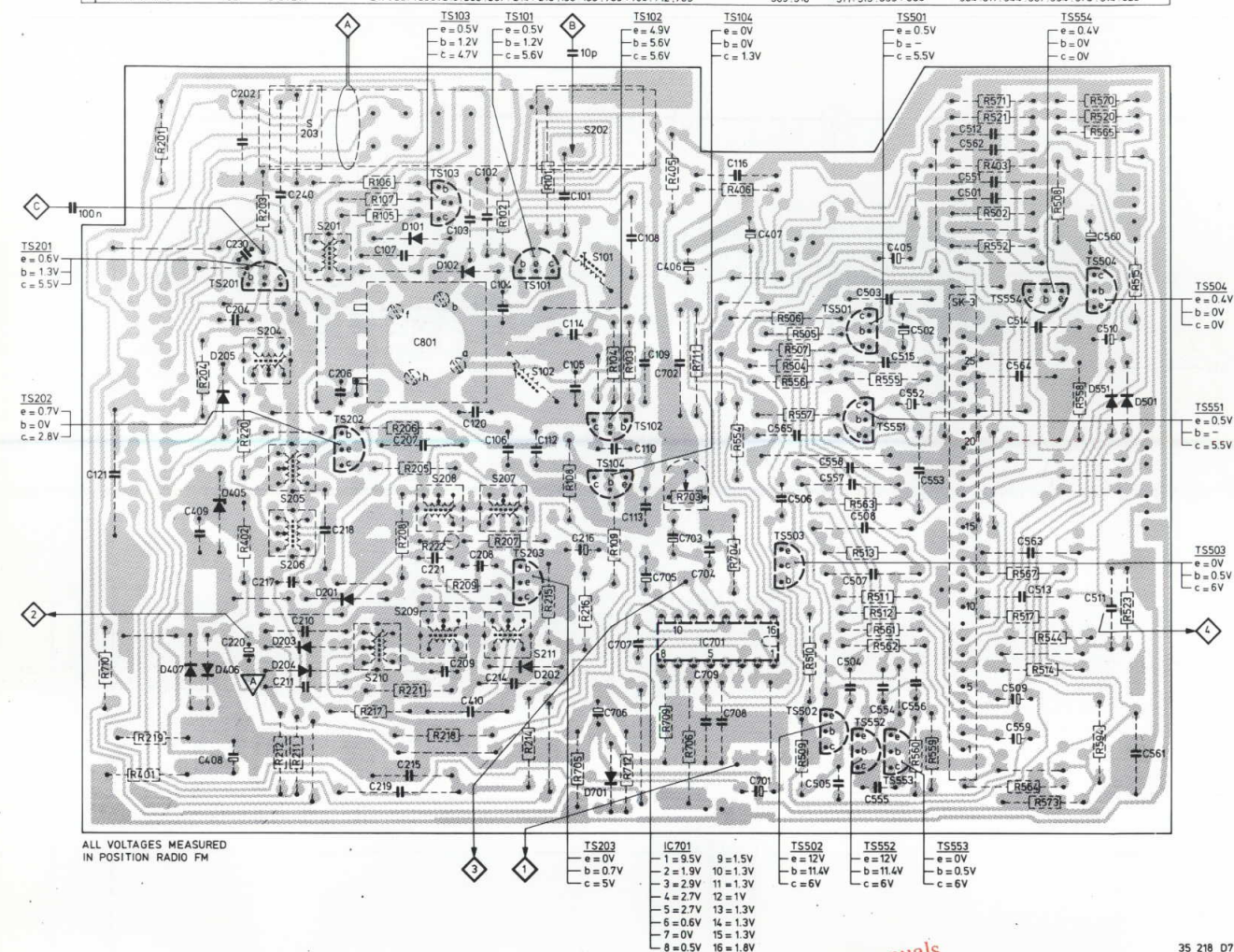
1. Tape/radio	„function switch”	SK-2	12.	„pause”	
2.	„tape counter”		13.	„volume”	R531,R581
3.	„stereo indicator”	D801	14.	„headphone”	BU990
4.	„tuning”	C801	15.	„tone”	R530,R580
5.	„electret mic.”	Mi-501	16.	„stereo control”	R540
6.	„eject”		17. FM,MW,LW,SW	„band switch”	SK-901
7.	„recording”	SK3	18.	„line in”	BU931/981
8.	„rewind”	SK4,SK10	19.	„line out”	BU932/982
9.	„wind”	SK4,SK10	20.	„external loudsp”	BU933/983
10.	„stop”	SK4,SK10	21. Δf	„R.I.F. switch”	SK-5
11.	„play”	SK4,SK10	22.	„mains”	BU-1,SK-6



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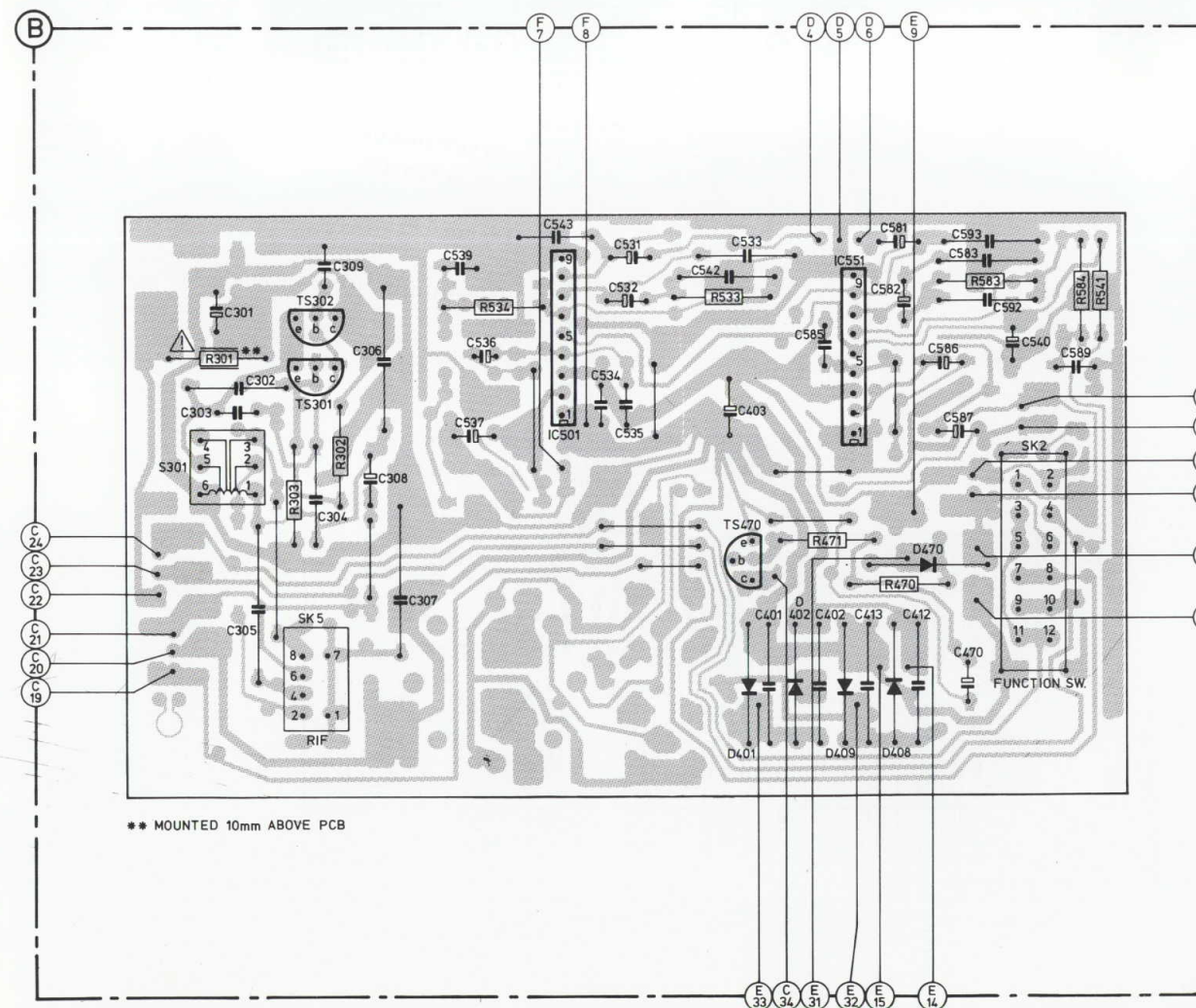
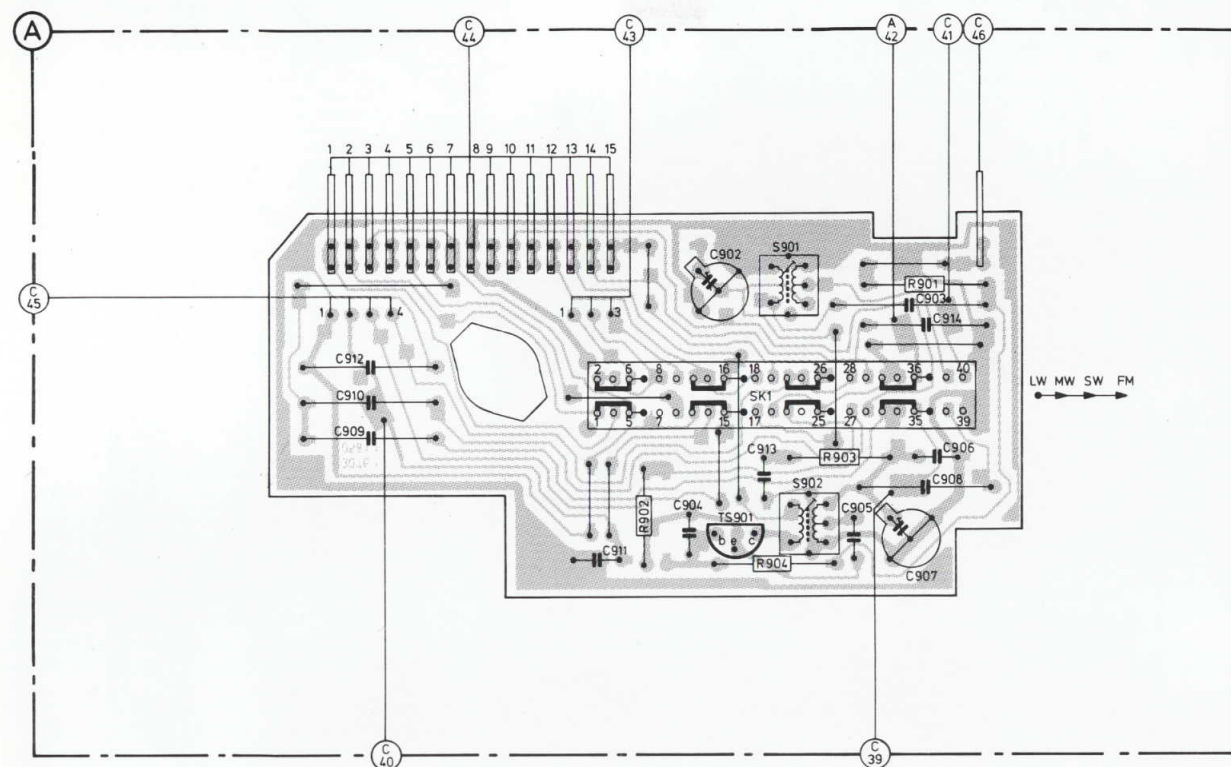
MISC	D405=407.T5201.D204.D201+203.T5202.D101.D102.T5101+104.T5203.D701															IC701.T5501+T5503.T5551+553										SK-3.T5554.T5504.D551.D501															
S	204-206.203.201.207+211															102.101.202																									
C	204.202.230.240.206.207.107.801															120.101+106.112.114										108-110.702.406.407.565.116.515.503.405.552.502.551.562.512.501.564.514.560.510															
C	121	408.409	220	211	210	217	218	219	215	209	221	410	208.214	216	703+707	113	709.708	701	504+506	554+556	508	507	557	558	553	559	509	563	513	561	511										
R	219	201	204	220	203	105-107.205.206					101-104					405.711					406.554+557.504+507					502.552.403.520					521.570					508.558.515.565					
R	710	401.219	402		212.211		217.221.208.218.209.207					214+216					108.109.703+706.712.709					509.510					511+513.559+563					564.517.544.567.594.573					514.523				

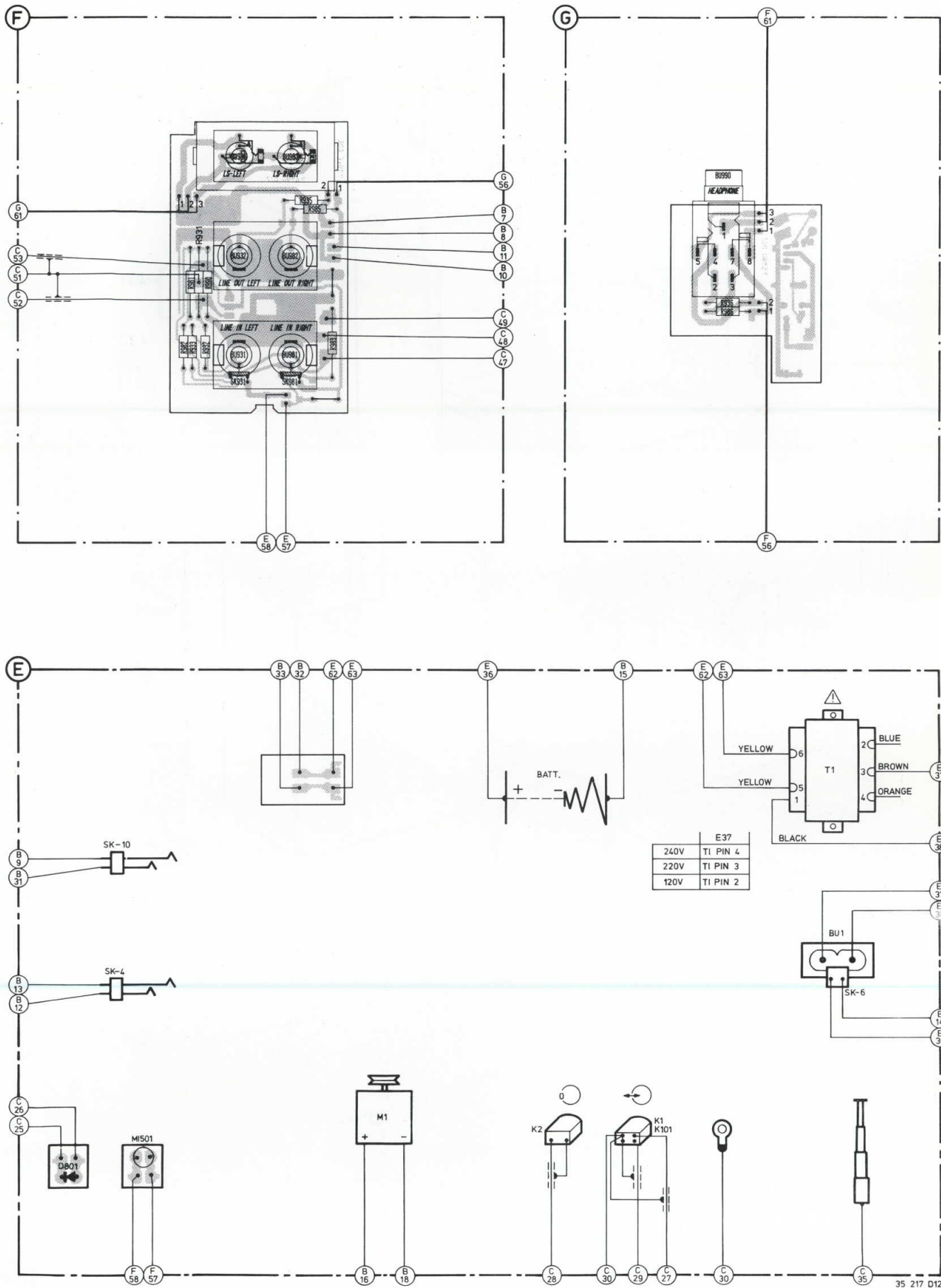


35 218 07

** The maximum permissible speed deviation is 3%. Moreover, the wow-and-flutter value can be read. This value should not exceed 0.35%.

MISC.	SK5.TS302.TS301	IC501	SK901.TS901.TS470.D401 D402 IC551 D409 D408.D470	SK2	TS201 D405 203-207	TS202 D201	TS103	TS203 101 102 104.D701 TS101-104 203	IC701.TS501-503 TS551-553 SK-3	TS554 TS504 D551 D501
S	301		901 902		203-206 201	207-211	102 101	202	709 708 701 504-506 554 556 508 507 557 558 553 559 509 563 513 561 511	
C	912 910 909	911	904 902 913 905-908 903 914		230 204 202 240 206 207	530 107 801 580 120 101-106 112 114 108-110 702 116 406 407 591 54 565	113	709 708 701 504-506 554 556 508 507 557 558 553 559 509 563 513 561 511		
C	301-305	306-309 539 537 536 543	531-535 542	401-403 581 583 585 587 413 412 470 593 592 540 589		217 221 208 218 209 207 214-216 108 109 703-706 712 709		509 510 502 511-513 559-563	515 503 405 552 502 501 562 562 512 564 514 560 510	
R			902 904 903 901							
R	301-303	534	533	471 470 583 584 541	201 204 220 203	105-107 205 206 580 530 540 101-104		405 711 531 581 406 554-557 504-507 542 592 551 552 403 520 521 570 571 508 558 515 565		





SK-1						
MW	468 kHz *		Max Cap	S211 S208 S206		 Max.
SW 5.95 MHz ÷ 17.9 MHz	5.8 MHz *		Max Cap	S902	 Max	 Max
	18.2 MHz *		Min Cap	C907		
	17.0 MHz *			C902		
	6.2 MHz *			S901		
MW 520-1605 kHz	1635 kHz *		Min Cap	C801h	 Max	 Max
	560 kHz *			S202		
	1500 kHz *			C801f		
LW 150-255 kHz	147 kHz *		Max Cap	S204	 Max	 Max
	200 kHz *			S203		
FM 10,7 MHz Δf=300 kHz (50 Hz) 3				S209	 MAX. 	 1 2
				S207		
				S205 S201		
				S210		
FM 87,5-108 MHz	108 MHz Mod. 1 kHz Δf 22,5 kHz		Min Cap	C801d C801b	 Max	 Max
	87,35 MHz Mod. 1 kHz Δf 22,5 kHz		Max Cap	S101 S102		

Repeat-Herhalen-Répéter-Wiederholen-Repetera-Ricomminiare-Gentage
* Mod. 1 kHz 30% AM

SK-1		Counter
FM	R703	19 kHz ± 0.2

- GB
- Adjust for symmetry and max. height.
 - Adjust the "S"-curve for symmetry and max. linearity.
 - Open jumper
 - Close jumper

- NL
- Regel de band kromme af op symmetrie en max. hoogte.
 - Regel de "S"-kromme af op symmetrie en max. lineariteit.
 - Open brug
 - Sluit brug

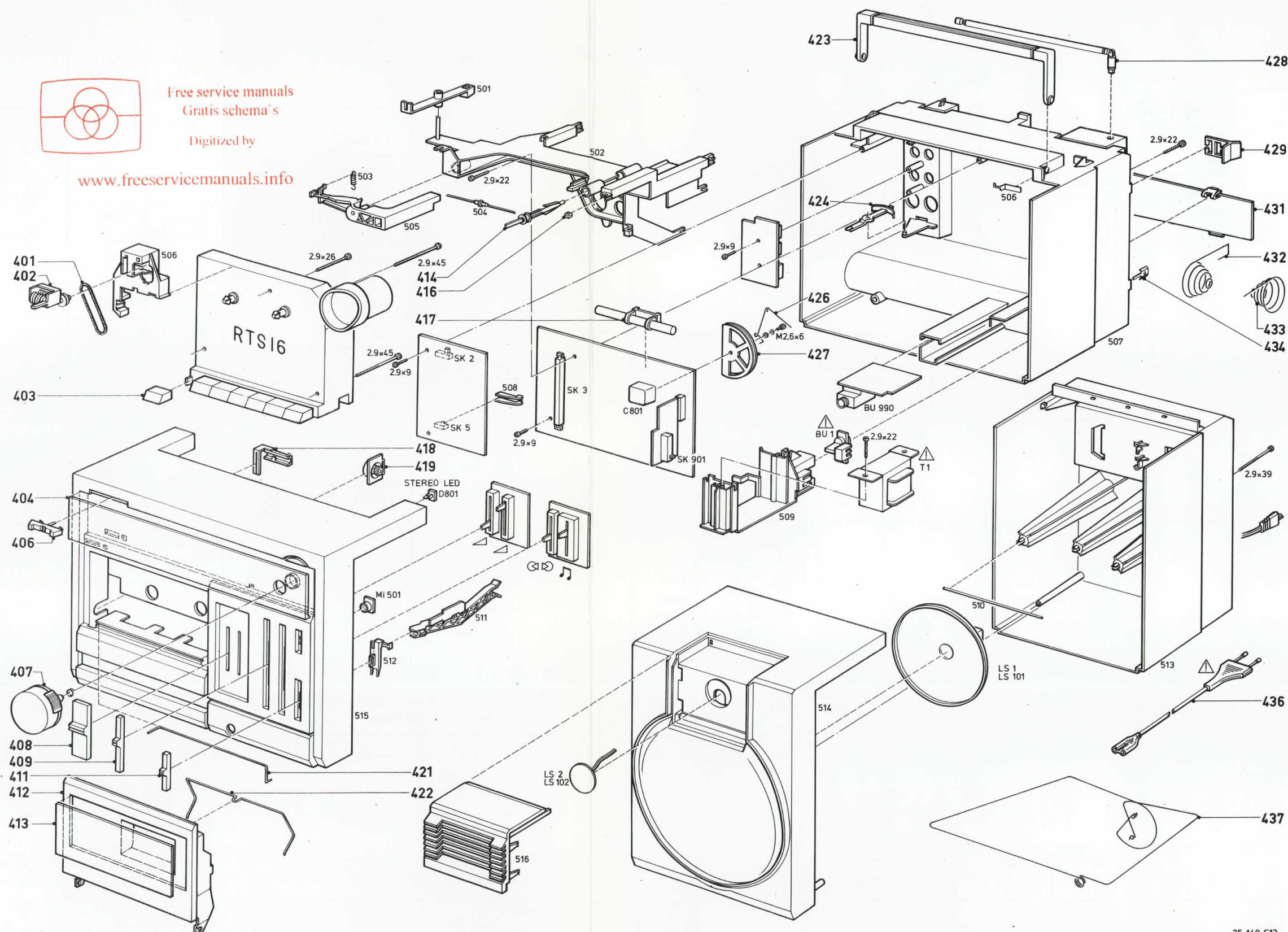
- F
- Régler au symétrie et maximum.
 - Ajuster la courbe en S pour un maximum de pente et de symétrie.
 - Ouvrir le pontet
 - Fermer le pontet

- I
- Regolare per pendenza massima e per simmetria.
 - Regolare per pendenza massima e per simmetria della curva ad "S".
 - Aprire il ponticello
 - Chiudere il ponticello

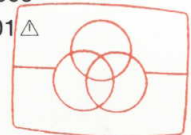
- D
- Auf maximale Höhe und Symmetrie der Bandkurve einstellen.
 - Die "S"-Kurve auf Symmetrie und maximale Linearität einstellen.
 - Brücke öffnen.
 - Brücke schliessen.

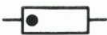
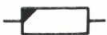
"Bei notwendigem Abgleich ist das Gerät auf die gesetzlich vorgeschriebenen Eckfrequenzen abzugleichen".

401 5322 358 34017
402 4822 349 50191
403 4822 410 23351
404 4822 450 60367
406 4822 411 60998
407 4822 413 51216
408 4822 411 60997
409 4822 411 60996
411 4822 411 60995
412 4822 443 61233
413 4822 450 60368
414 4822 535 91325
416 4822 528 50116
417 4822 158 60494
418 4822 450 80906
419 4822 535 70618
421 4822 492 41087
422 4822 492 41086
423 4822 498 10202
424 4822 492 90075
426 4822 492 40799
427 4822 528 40219
428 4822 303 30277
429 4822 404 20482
431 4822 423 40622
432 4822 492 51444
433 4822 492 62545
434 4822 492 62233
436/00 4822 321 10105
436/05 4822 321 10343
437 4822 321 30214



35 149 E12

-IC- 			-C- 		
AN7410 4822 209 80683 TDA1015 4822 209 81161			C801 Var. 4822 125 50208 C902 Trimm 10 pF 4822 125 50062 C907 Trimm 10 pF 4822 125 50062		
-TS- 			-R- 		
BC337/40 4822 130 41344 BC548A 4822 130 40948 BC548B 4822 130 40937 BC548C 4822 130 44196 BC558B 4822 130 44197 BF494B 4822 130 41376 BF495D 4822 130 41498			R301 Δ NFR25 10E 4822 111 30508 R530 Slide 50k Tone 4822 105 10461 R531 Slide 50k Volume L 4822 105 10459 R540 Slide 100k Stereo 4822 105 10458 R581 Slide 50k Volume R 4822 105 10459 R703 Trimming 10K 4822 100 10035		
-D- 			-Miscellaneous-		
D801 BA316 4822 130 30302 BZX79-B5V6 4822 130 34173 BZX79-B9V1 4822 130 30862 OA95 4822 130 30191 SLP141B 4822 130 31191 1N4001G 4822 130 31438 1N4148 4822 130 30621			----- Scale self adhesive AM 4822 333 30146 BU001 Δ Mains socket 4822 265 20207 BU931/981 Line in socket 4822 267 30556 BU932/982 Line out socket 4822 267 30555 BU933/983 LS socket DIN 4822 267 30557 BU990 Headphone socket 4822 267 40485 LS001 AD4072/X4 4822 240 40083 LS002 4822 280 10144 LS101 AD4072/X4 4822 240 40083 LS102 4822 280 10144 MI501 4822 242 10046 SK001 4822 277 20843 SK002 4822 277 20755 SK003 4822 277 20754 SK005 4822 277 20932 T001 Δ 4822 146 20795		
-S- 			MI501 4822 242 10046 SK001 4822 277 20843 SK002 4822 277 20755 SK003 4822 277 20754 SK005 4822 277 20932 T001 Δ 4822 146 20795		
S101 4822 158 10515 S102 4822 158 10515 S201 4822 153 50205 S204 4822 156 30783 S205 4822 156 30777 S206 4822 153 10292 S207 4822 153 50205 S208 4822 153 10292 S209 4822 153 50207 S210 4822 153 50208 S211 4822 153 10293 S301 4822 156 50026 S901 4822 156 30811 S902 4822 156 30782			 Free service manuals Gratis schema's Digitized by www.freeservicemanuals.info		

	Carbon film 0.2 W	70°C	5%
	Carbon film 0.33 W	70°C	5%
	Metal film 0.33 W	70°C	5%
	Carbon film 0.5 W	70°C	5%
	Carbon film 0.67 W	70°C	5%
	Carbon film 1.15 W	70°C	5%
© Chip component			

	Ceramic plate Tuning ≤ 120 pF NP.0 Others	2% -20/+80%
	Polyester flat foil	10%
	Metalized polyester flat film	10%
	Polyester flat foil small size (Mylar)	10%
	Polysterene film/foil	1%
	Tubular ceramic	
	Miniature single	
	Subminiature tantalum	$\pm 20\%$

*a = 2,5 V
b = 4 V
c = 6,3 V
d = 10 V
e = 16 V
f = 25 V
g = 40 V
h = 63 V
j = 100 V
l = 125 V
m = 150 V
n = 160 V
q = 200 V
r = 250 V
s = 300 V
t = 350 V
u = 400 V
v = 500 V
w = 630 V
x = 1000 V
A = 1,6 V
B = 6 V
C = 12 V
D = 15 V
E = 20 V
F = 35 V
G = 50 V
H = 75 V
I = 80 V

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 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

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

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.