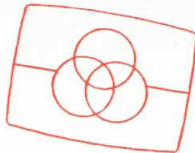


Stereo Radio Recorder D8264/00/02/05

Service
Service
Service

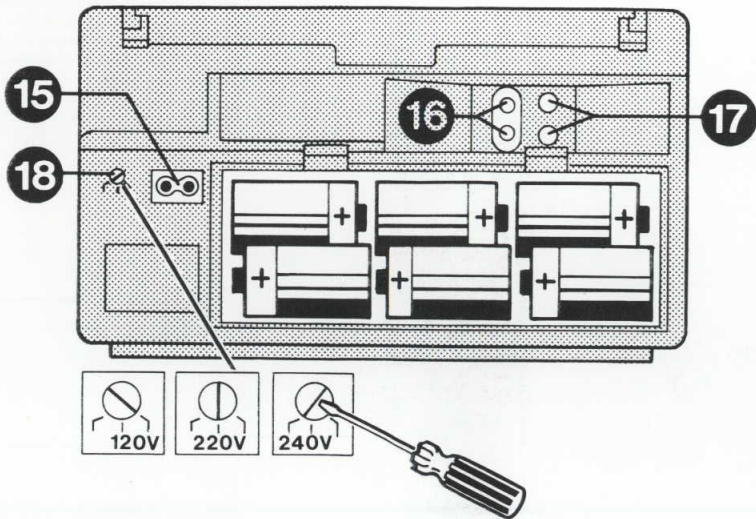
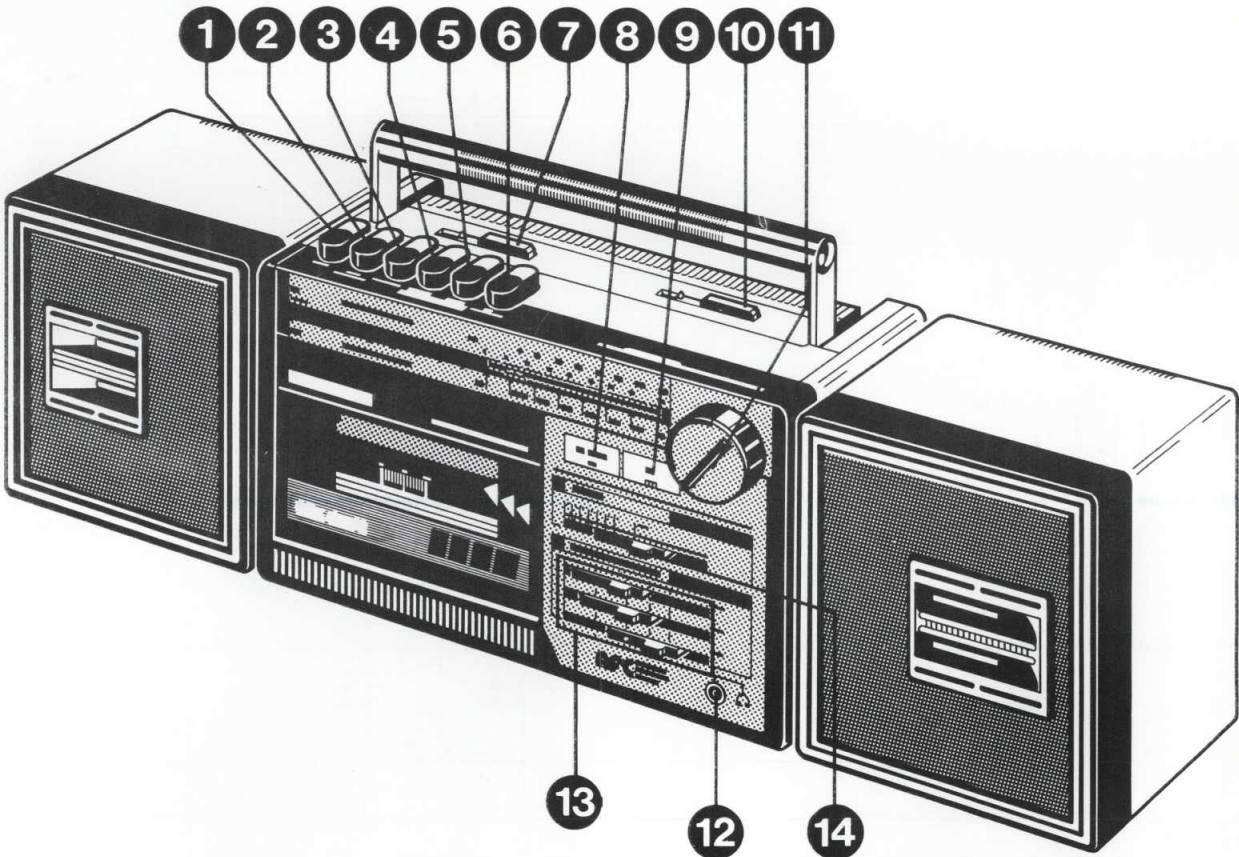


Free service manuals
Gratis schema's
Digitized by

www.freemanuals.info

For repair information of the cassette mechanism see
Service Manual of Recorders tape deck RT-1 and
RT-33

Service Manual



Connections and controls:

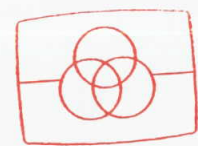
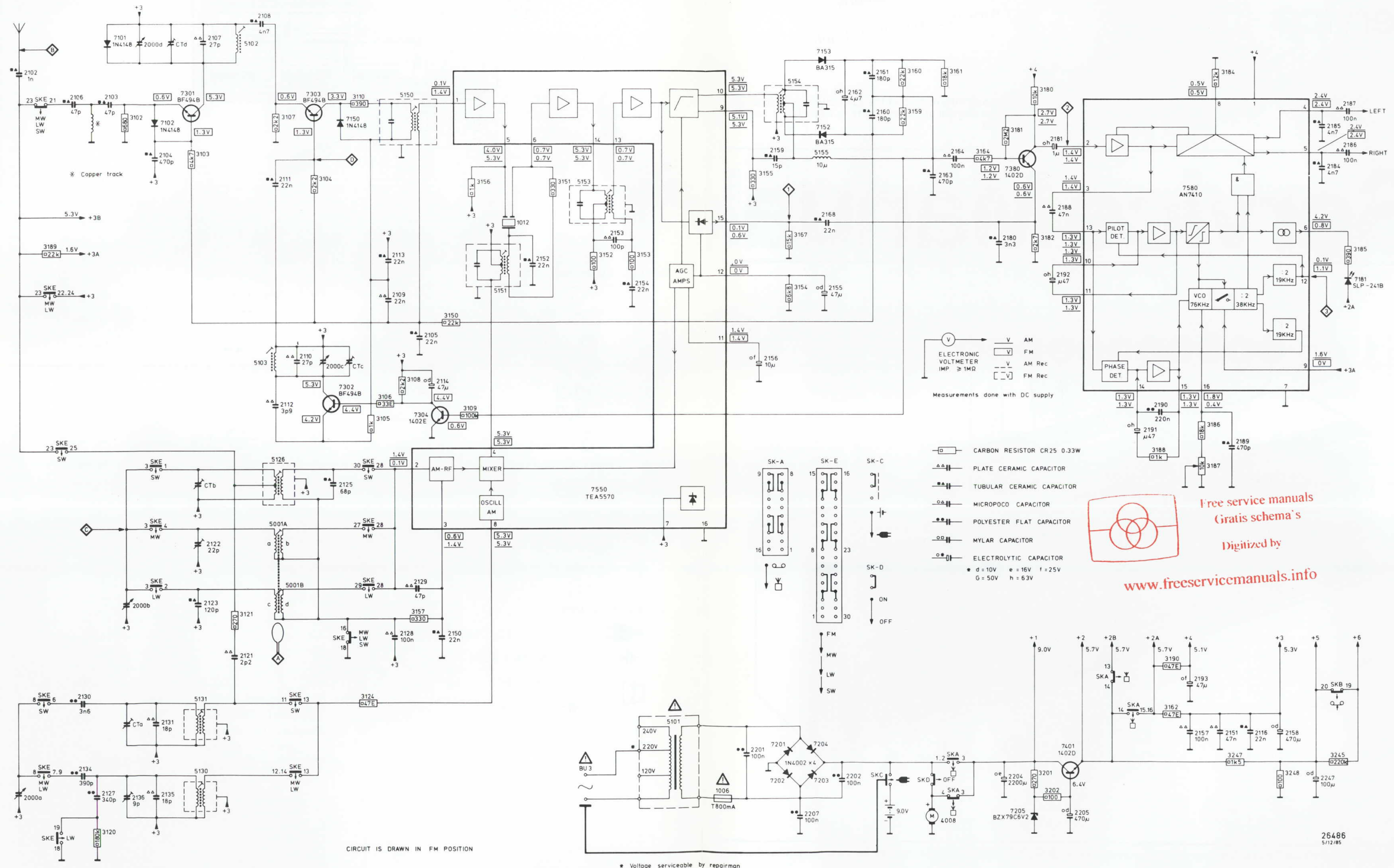
1			10	FM/MW/LW/SW	SK-E
2		SK-D	11		2000
3			12		BU-1
4		SK-D	13	Graphic equalizer	3404-3406
5		SK-D	14		3415
6		SK-B, SK-D	15		BU-3
7		SK-A	16		BU-4
8	Stereo indicator	7181	17		BU-2
9		4001	18	Not applicable	

Specifications:

	120/220/240V 50/60Hz	LW	150-255KHz
	9V (6 x R20)	MW	520-1605KHz
	$2 \times 1.4W$	SW	5.9-17.9MHz
	$2 \times 2.0W$	FM	87.5-108MHz
	4Ω	Tape speed	4.76cm/sec $\pm$ 3%
	(d=10%)	Wow and flutter	<0.3%
AM IF	468KHz	Signal to noise	>40dB
FM IF	10.7MHz	ratio (Ferro)	
		Freq response	250-6300Hz
		Ferro (FM-Tape)	
		(within 8dB)	

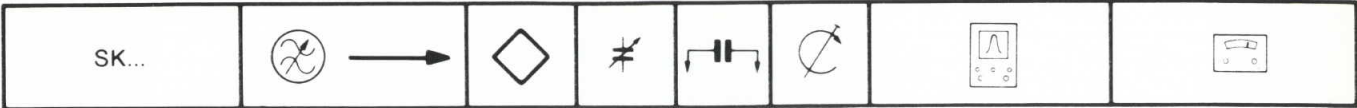
DocumentationTechnique Service Dokumentation Documentazione di Servizio Huolte-Ohje Manual de Servicio Manual de Servicio

Misc.	7101		7102		7301 5131		5102		5126		7303		7150		5150 7304		5151		1012		5153 7550		5101		1006		7201 5154 7204 7153 5155		4008		7380		7401		7580		7181																						
					5130		5103		5001				7302								BU3								7202		7203 7152		7205																										
Cap.	2102	2106 2130		2103	2000d		CTd	CTb		2107		2121	2108		2112	2110	2000c		CTc	2113 2128		2105 2114		2150				2152		2153		2154		2201		2159		2207 2168		2162		2161		2163 2164		2180		2181 2188 2205		2191 2190		2193		2189 2116		2158		2185 2187	
	2000a	2134		2127	2000b		2104		2122		2111		2125		2109		2129												2156		2155		2202		2160				2204		2192				2157		2151				2184 2186		2247						
Res.	3189		3120		3102		3103		3121		3107		3104		3110		3106		3108		3150 3109 3156		3151		3152		3153		3155		3167				3160		3161		3164		3181		3180 3201		3188 3190		3186 3184		3248		3185								
													3124		3105		3157												3154				3159				3161		3164		3181		3182 3202		3187		3247		3245										



Free service manuals
Gratis schema's
Digitized by

www.freeservicemanuals.info



AM-IF

MW	468KHz		min.		5151			
	Δf=10KHz				5153			
	via 33nF							

AM-RF

MW *	512KHz		max.		5130		1 max.
	1635KHz		min.		2136		
	560KHz				5001A		
	1500KHz				2122		
LW *							1 max.
	200KHz				5001B		
SW * @	5.9MHz		max.		5131		1 max.
	17.9MHz		min.		CTa		
	6.2MHz				5126		
	17.0MHz				CTb		

* Mod 1KHz 30% @ via 9.1pF

FM-IF

FM	≈ 10.7MHz		min.				
	Δf=300KHz						
	(50Hz)						
	via 22nF				5150		
					5154		

FM-RF

FM α	87.35MHz		max.		5103		2 max.
	Mod 1KHz				5102		
	Δf=22.5KHz				CTc		
	108.2MHz		min.		CTd		
	Mod 1KHz						
	Δf=22.5KHz						

α via 10nF + 15Ω



Repeat

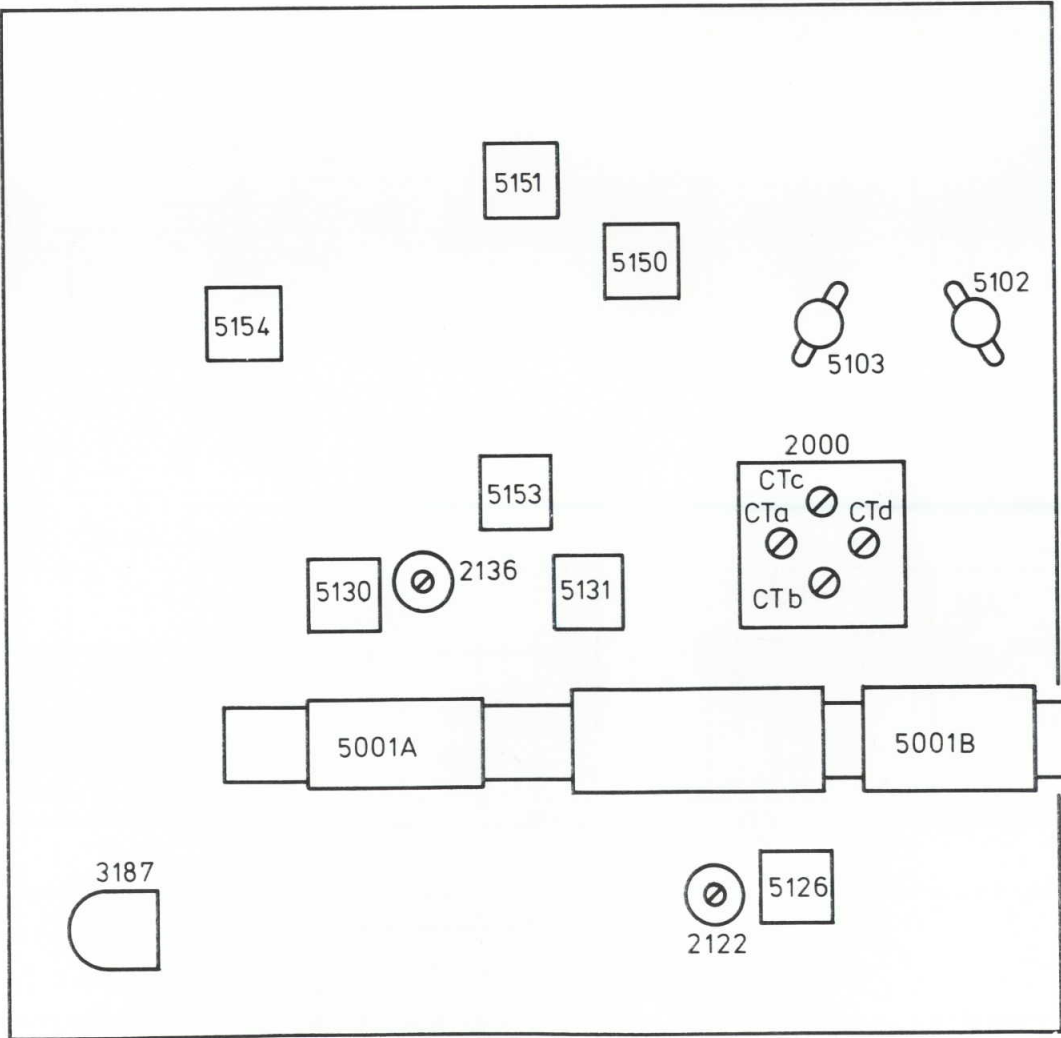
Stereo decoder

SK....		Counter
FM	3187	3 19 ± 0.2KHz

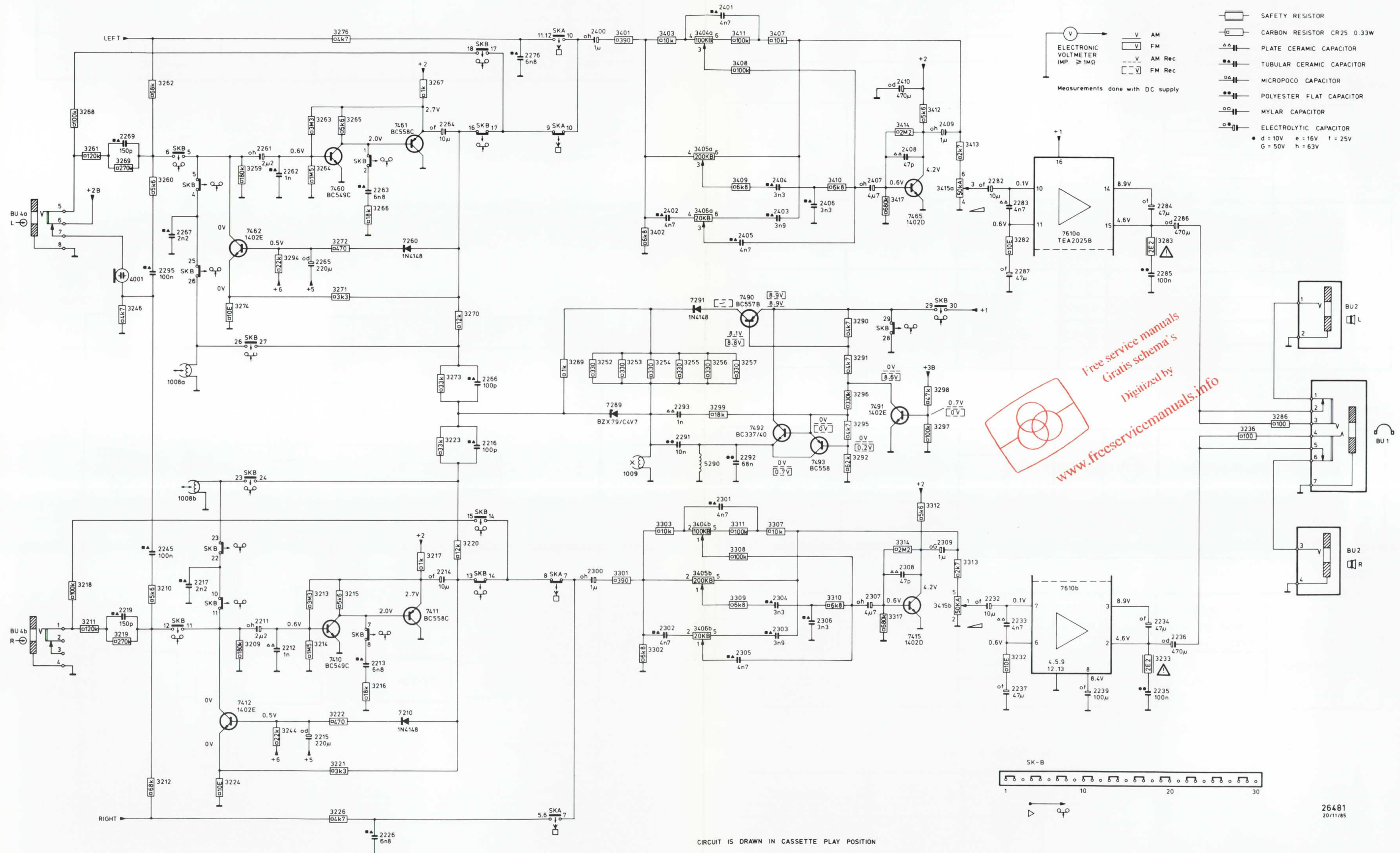
Adjustment	Cassette	Recorder in position	Measure on	Read on	Adjust with	Adjust to
Tape speed	3150 Hz of SBC420*	Play	BU-2	Wow and flutter meter	Preset in motor	**a
Azimuth R/PB head	8 KHz of SBC420*	Play	BU-2	mV - meter	Left screw R/PB head	Max. output

* SBC420: 4822 397 30071.
**a The maximum permissible speed deviation is 3%.
Moreover, the wow and flutter value can be read.
This value should not exceed 0.3%

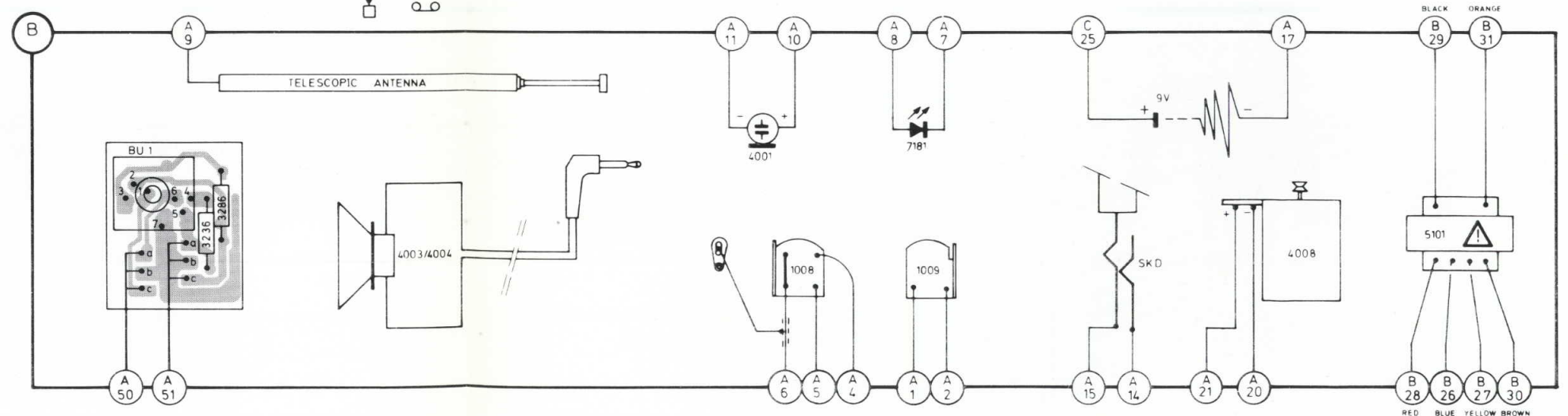
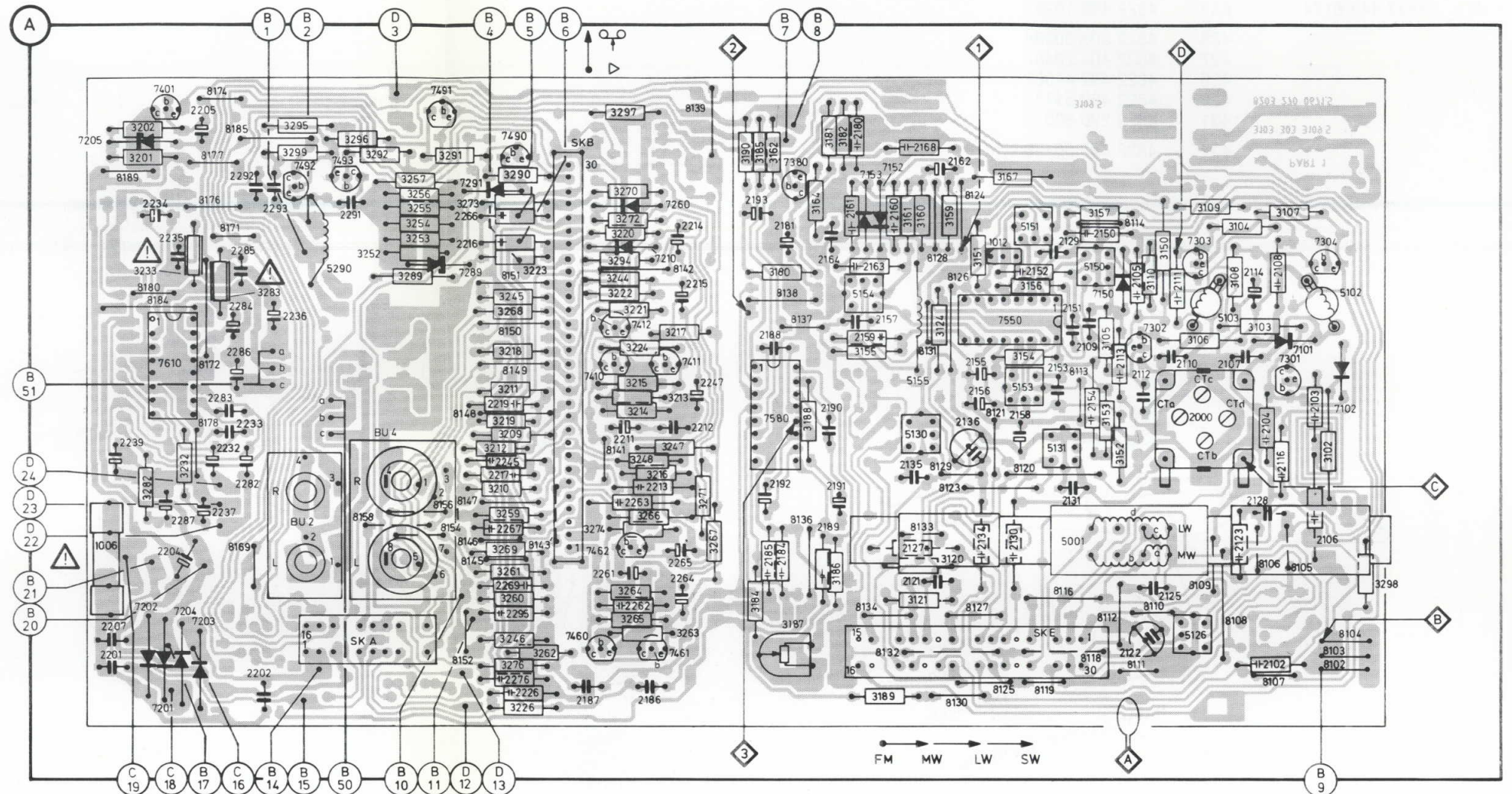
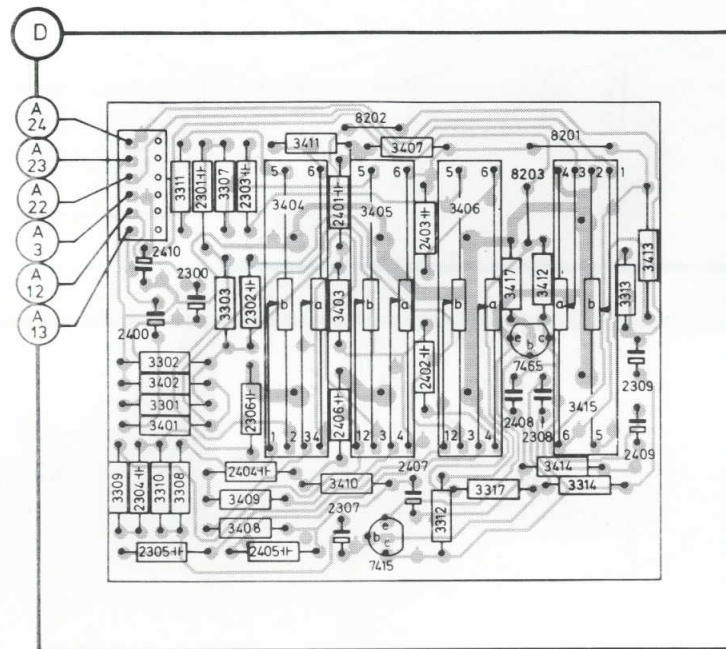
"Bei notwendigem Abgleich ist das Gerät auf die gesetzlich vorgeschriebenen Eckfrequenzen abzugleichen".



Misc.	BU 4	4001	1008	7462	7460	7461	7260	7411	7289	1009	72915290	7492	7493	7491	7415	7465	7610	BU2	BU1															
				7412	7410			7210				7490																						
Cap.	2269	2295	2267	2217	2261	2262	2265	2263	2264	2266	2276	2400	2402	2293	2401	2405	2404	2406	2407	2410	2409	2282	2283	2239	2284	2286								
	2219	2245			2211	2212	2215	2213	2214	2216		2300	2302	2291	2301	2292	2403	2306	2307	2408	2309	2232	2287		2285	2236								
							2226						2305	2304	2303		2308			2308		2233	2237		2234	2235								
Res.	3268	3269	3246	3262	3274	3259	3294	3263	3276	3265	3266	3267	3273	3270	3289	3252	3401	3253	3402	3403	3404	3256	3411	3311	3407	3410	3296	3414	3415	3413	3282	3283	3236	3286
	3261	3219	3260		3224	3209	3244	3264	3272	3215	3216	3217	3223	3220		3301	3302	3254	3405	3299	3408	3308	3307	3310	3295	3314	3412	3298	3313	3232		3233		
	3218		3210					3213	3271	3221							3303	3406		3409	3257		3290	3292	3417	3312	3297							
	3211		3212					3214	3222	3226							3255	3309					3290	3292	3417	3312	3297							



Misc.	7415	7465	8201	7205 8189 7401 7610 8172 8174 8169	BU2 7493 SK-A 4003 4004 7491 7291	8151 8143 7460 7410 7412 7462 7260 8139 4001 1008 7380 8137	7153 7152 8131 8128 8126 1012 5151 5131 8113 5150 8114 8110	7303 5103 8106 8107 7101 7304 5102 5101
	8202	8203		1006 7202 8180 7204 7203 8185	7492 5290 8158 BU4	8156 7289 8150 SK-B 8141 7210 8142	8138 8136 5154 1009 5155 8129 8124 7550 5153 8116 8118 7150 5001 7302	8109 8108 4008 8105 7301 7102 8102-8104
	BU3	8184	8176-8178	BU1 8184	8176-8178	8152 8154 8149 7462 7411 7580	8134 7181 5130 8130 8127 8121 8120 8119 5001 SK-D 8111	5126
	SK-G			7201	8171	8145-8148 7490	7461	8132 8133 8123 8125 SK-E 8112
Cap.	2400 2410 2301-2303 2405	2401	2407 2403	2408 2308	2309	2207 2239 2234 2235 2205 2233 2292 2293	2291	2245 2266 2219 2269 2226 2187 2211 2213-2215 2247 2193 2181 2164 2159 2163 2168 2162 2136 2134 2130 2153 2129 2109 2105 CTa CTc 2107 2114 2102 2103
	2304 2305 2300 2306	2406	2402		2409	2201	2287 2232 2237 2202 2236	2216 2217 2295 2186 2212 2188 2192 2180 2161 2160 2135 2121 2155 2158 2152 2151 2150 2110-2113 2125 2000 CTd 2104 2108 2106
	2404	2307				2204	2282-2286	2267 2276 2261-2265 2185 2184 2189-2191 2157 2127 2156 2131 2154 2122 CTb 2123 2128 2116
Res.	3309 3302 3311 3307	3411 3410 3405 3407 3312 3406 3417 3412 3415 3313 3413				3202 3232 3236 3283 3295 3296 3292 3253-3257 3273 3210-3212 3223 3209 3220-3222 3224 3247 3271 3190 3162 3164 3186 3155 3189 3161 3159 3151 3167 3156 3157 3152 3150 3109 3104 3103 3107 3102 3298		
	3310 3402 3308 3303	3404 3403	3317 3414 3314			3201 3286 3299 3252 3289 3291 3259-3262 3245 3246 3294 3297 3213-3217 3267 3185 3180 3188 3181 3160 3124 3154 3105 3110 3106 3108		
	3301 3409					3233 3269 3290 3268 3276 3244 3270 3248 3263-3266 3184 3187 3182 3121 3120 3153		
	3401 3408					3282 3219 3218 3226 3274 3272		



7301	e - 0.6V
	b - 1.3V
	c - 5.3V

7302	e - 4.2V
	b - 4.4V
	c - 5.3V

7303	e - 0.6V
	b - 1.3V
	c - 3.3V

7304	e - 0V
	b - 0.6V
	c - 4.4V

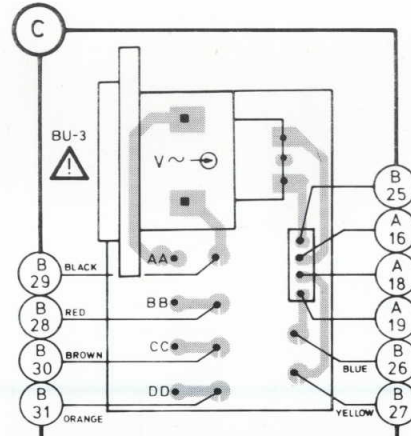
7401	e - 5.7V
	b - 6.4V
	c - 9.0V

7411, 7461	e - 2.7V
	b - 2.0V
	c - 0V

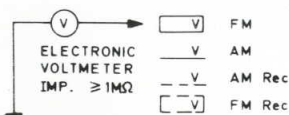
7610	1 - 0.1V
	2 - 4.6V
	3 - 8.9V
	4 - 0V
	5 - 0V
	6 - 0.6V
	7 - 0.1V
	8 - 8.4V
	9 - 0V
	10 - 0.1V
	11 - 0.6V
	12 - 0V
	13 - 0V
	14 - 8.9V
	15 - 4.6V
	16 - 9.0V

7550	1 - 1.4V
	2 - 0.1V
	3 - 0.6V
	4 - 5.3V
	5 - 4.0V
	6 - 0.7V
	7 - 5.3V
	8 - 5.3V
	9 - 5.1V
	10 - 5.3V
	11 - 1.4V
	12 - 0V
	13 - 0.7V
	14 - 5.3V
	15 - 0.1V
	16 - 0V

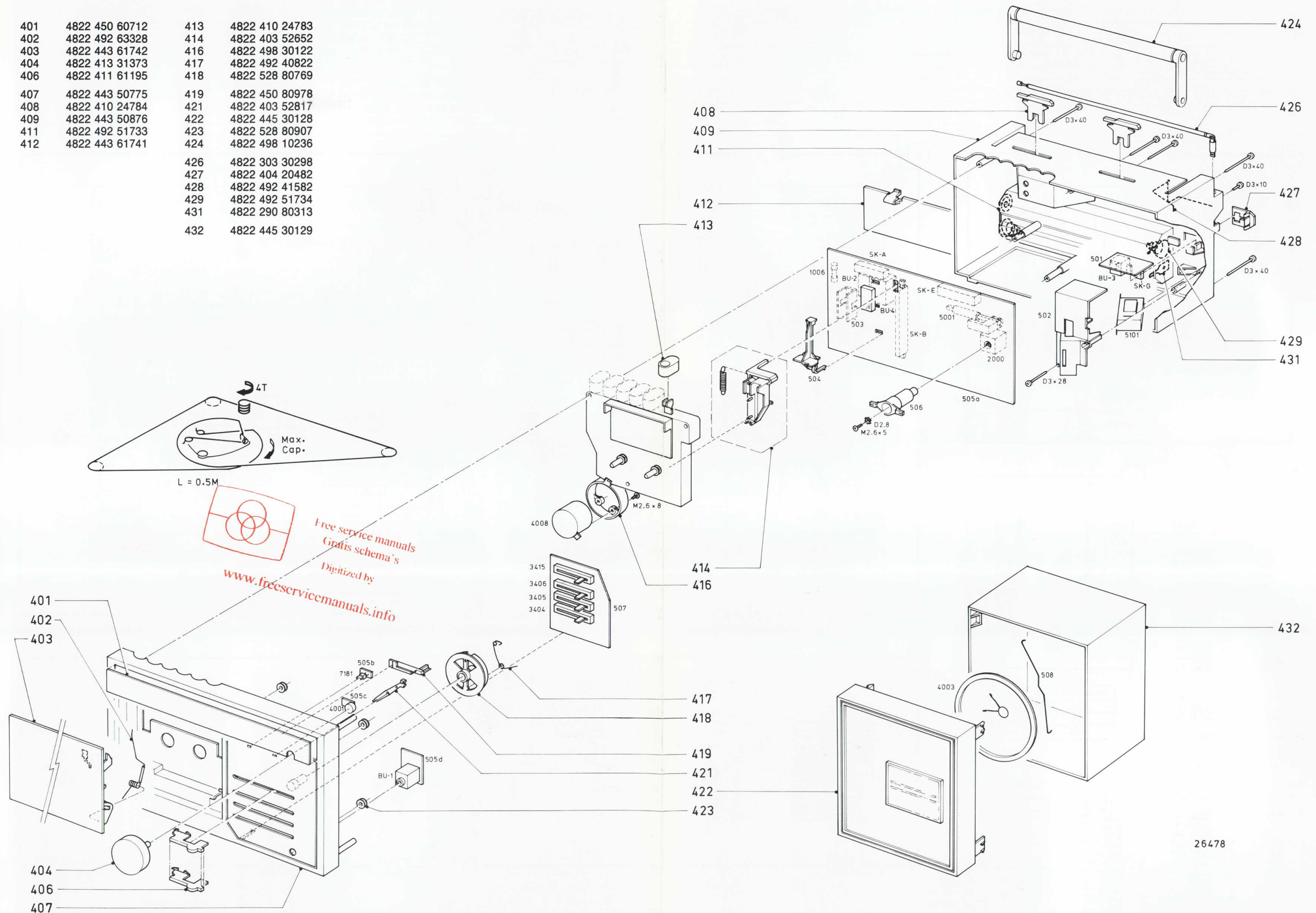
7580	1 - 5.1V
	2 - 1.4V
	3 - 1.4V
	4 - 5.3V
	5 - 2.4V
	6 - 0.8V
	7 - 0V
	8 - 0.5V
	9 - 0V
	10 - 1.3V
	11 - 1.3V
	12 - 1.1V
	13 - 1.3V
	14 - 1.3V
	15 - 1.3V
	16 - 1.8V



Voltage selection	Add wire across
120V	AA - DD
220V	AA - CC
240V	AA - BB

26488
10/12/85

401	4822 450 60712	413	4822 410 24783
402	4822 492 63328	414	4822 403 52652
403	4822 443 61742	416	4822 498 30122
404	4822 413 31373	417	4822 492 40822
406	4822 411 61195	418	4822 528 80769
407	4822 443 50775	419	4822 450 80978
408	4822 410 24784	421	4822 403 52817
409	4822 443 50876	422	4822 445 30128
411	4822 492 51733	423	4822 528 80907
412	4822 443 61741	424	4822 498 10236
		426	4822 303 30298
		427	4822 404 20482
		428	4822 492 41582
		429	4822 492 51734
		431	4822 290 80313
		432	4822 445 30129



7550	TEA5570	4822 209 81563	3187	Preset 10k	4822 100 10035
7580	AN7410N	4822 209 80683	3233, 3283	Safety res. 2E2	4822 111 20378
7610	TEA2025B	4822 209 82487	3404	Potm. slide 100k	4822 105 10627
			3405	Potm. slide 200k	4822 105 10628
			3406	Potm. slide 20k	4822 105 10629
7101, 7102	1N4148	4822 130 30621	3415	Potm. slide 50k	4822 105 10625
7150, 7210	1N4148	4822 130 30621			
7260, 7291	1N4148	4822 130 30621	1012	Cer. Filter 10.7 MHz	4822 242 70249
7152, 7153	BA315	4822 130 30843	2000	Var. cap.	4822 125 30039
7181	SLP-241B	4822 130 31192	2122	Trimm. cap. 22p	4822 125 50045
7201, 7202	1N4002	4822 130 30684	2132	Trimm. cap. 9p	4822 125 50062
7203, 7204	1N4002	4822 130 30684	2136	Trimm. cap. 9p	4822 125 50062
7205	BZX79C6V2	4822 130 34167	Miscellaneous		
7289	BZX79C4V7	4822 130 34174	1006	Fuse 800 mA	4822 253 30019
7301, 7302	BF494B	4822 130 41376	1008	R/P head	4822 249 10186
7303	BF494B	4822 130 41376	1009	Erase head	4822 249 40075
7304, 7412	1402E	4822 130 44196	4001	Microphone	4822 242 10046
7462, 7491	1402E	4822 130 44196	4003, 4004	Loudspeaker 4Ω	4822 242 40157
7380, 7401	1402D	4822 130 40937	4006	Motor	4822 361 20644
7415, 7465	1402D	4822 130 40937	SK-A	Mode-switch	4822 277 30716
7410, 7460	BC549C	4822 130 44246	SK-B	Rec-switch	4822 277 60189
7411, 7461	BC558C	4822 130 60068	SK-E	Band-switch	4822 277 30633
7492	BC337-40	4822 130 41344	BU-1	Headphone	4822 267 30599
7493	BC558	4822 130 40941	BU-2	Loudspeaker	4822 267 30598
			BU-3	Mains	4822 265 20278
5001	MW LW ant.	4822 526 10262	BU-4	Input	4822 267 30734
5101	Mains - transf.	4822 146 21136	Free service manuals Gratis schema's Digitized by www.freeservicemanuals.info		
5102, 5103	FM RF	4822 156 30947			
5126	SW ant.	4822 156 30811			
5130	MW osc.	4822 156 10687			
5131	SW osc.	4822 156 10724			
5150	IFT - FM	4822 153 50206			
5151, 5153	IFT - AM	4822 156 10737			
5154	IFT - AM	4822 156 10686			
5155	10 μH	4822 157 51462			
5290	68 μH	5322 157 51718			

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.