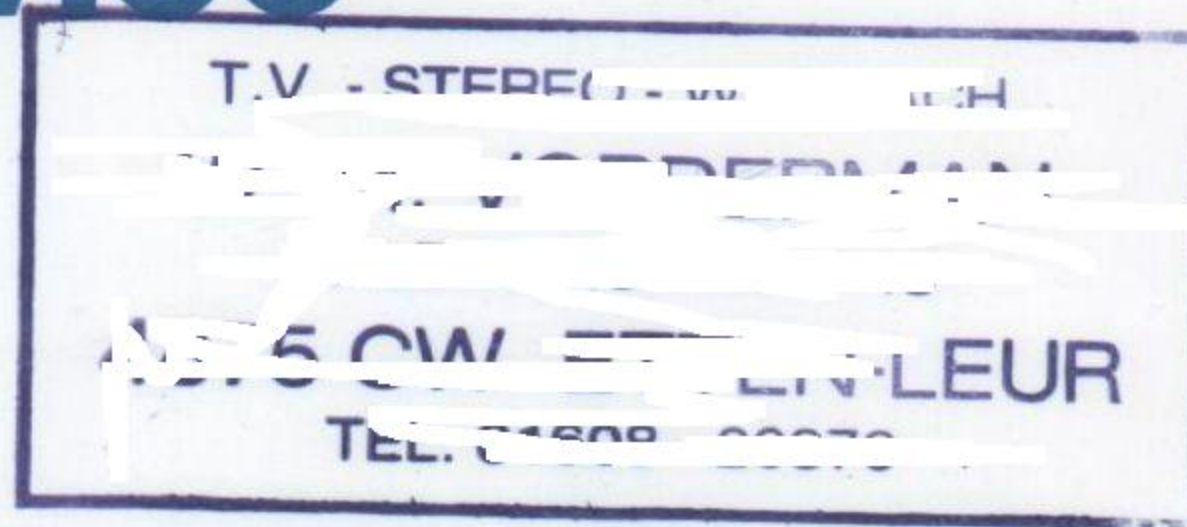
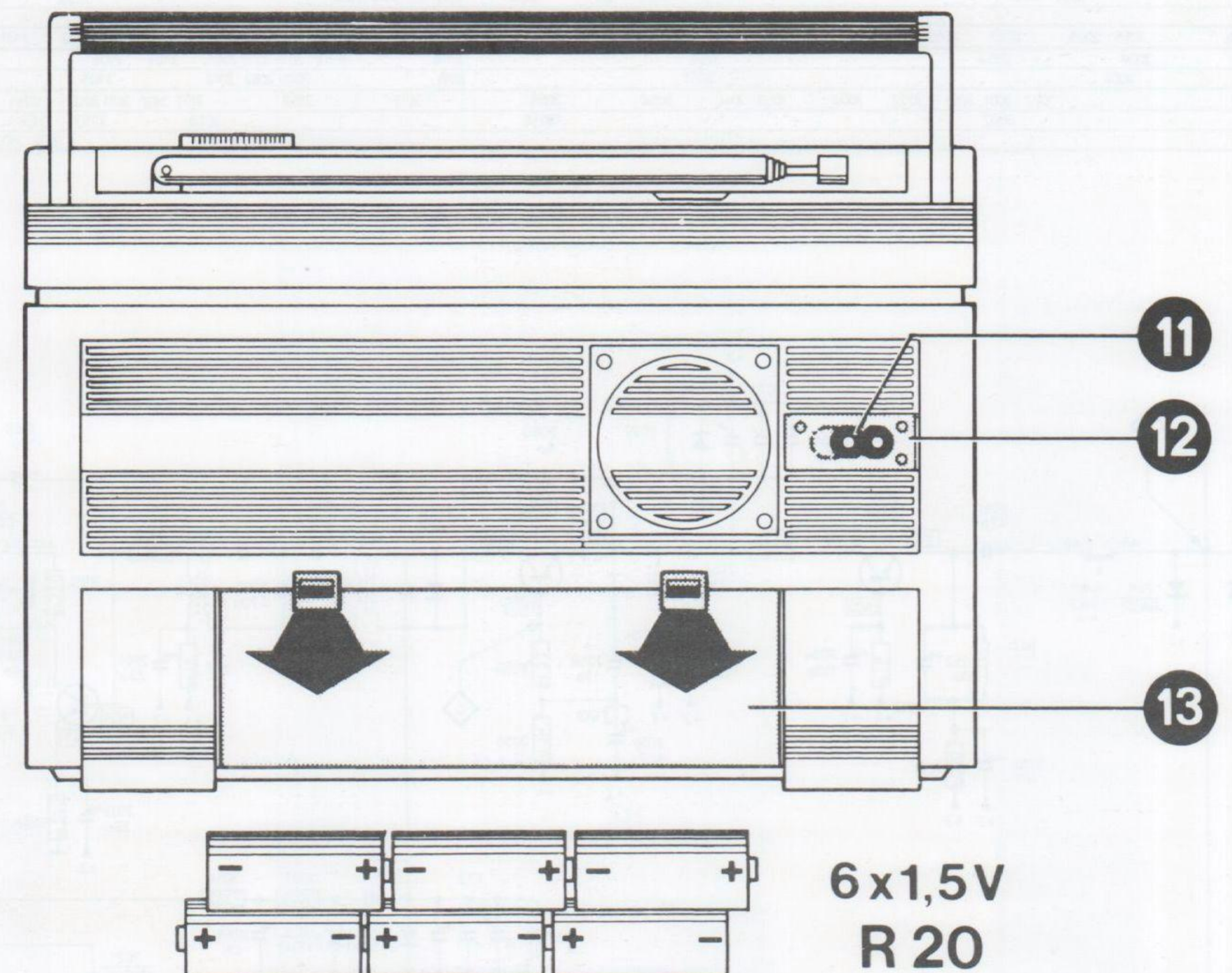
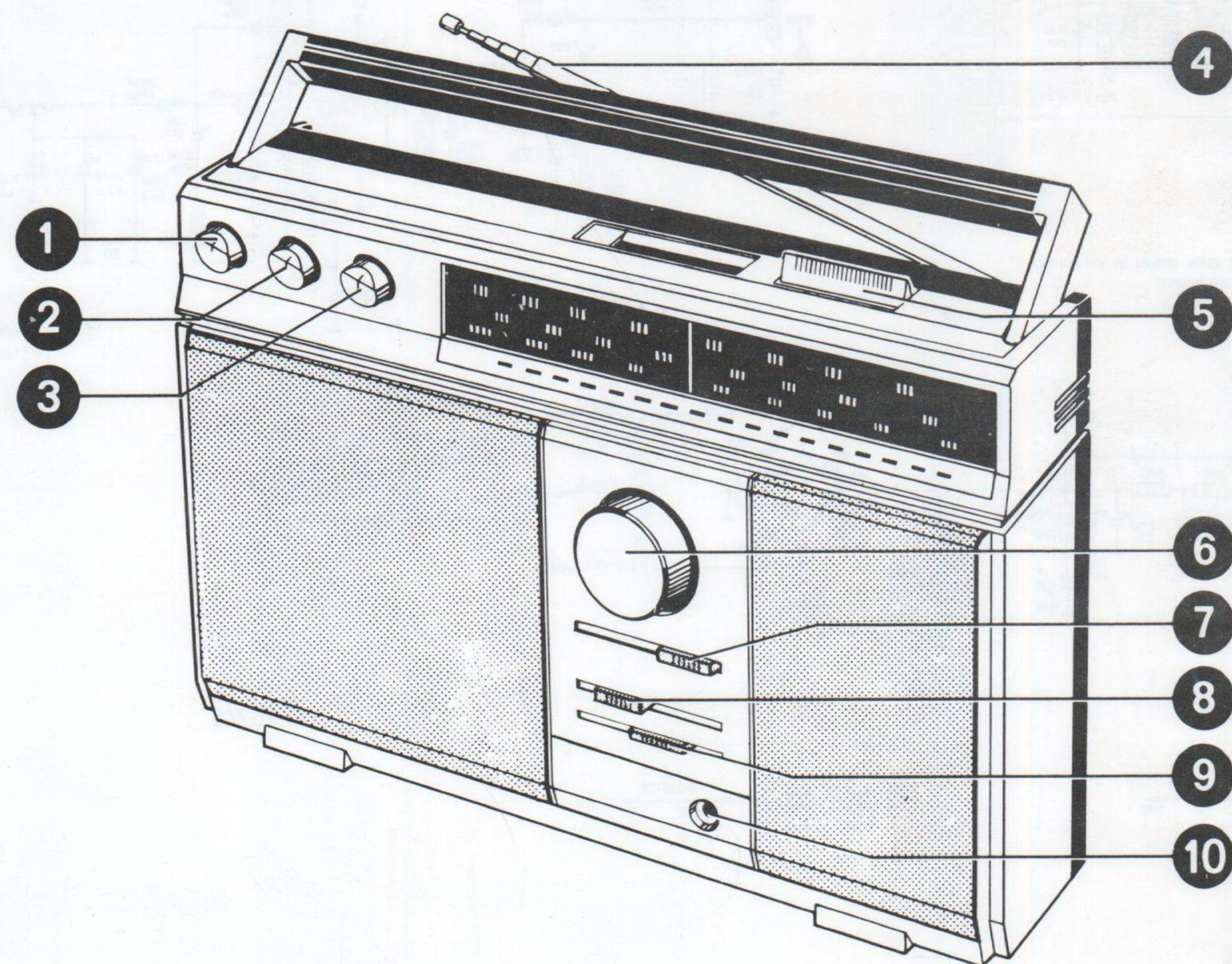


Service
Service
Service



Service Manual



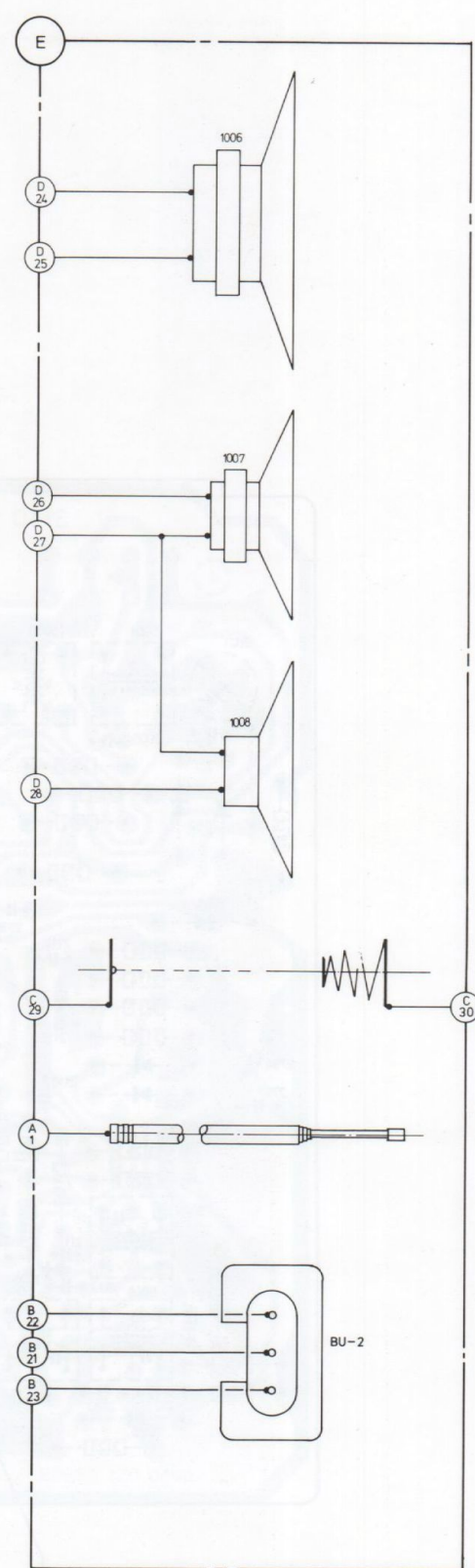
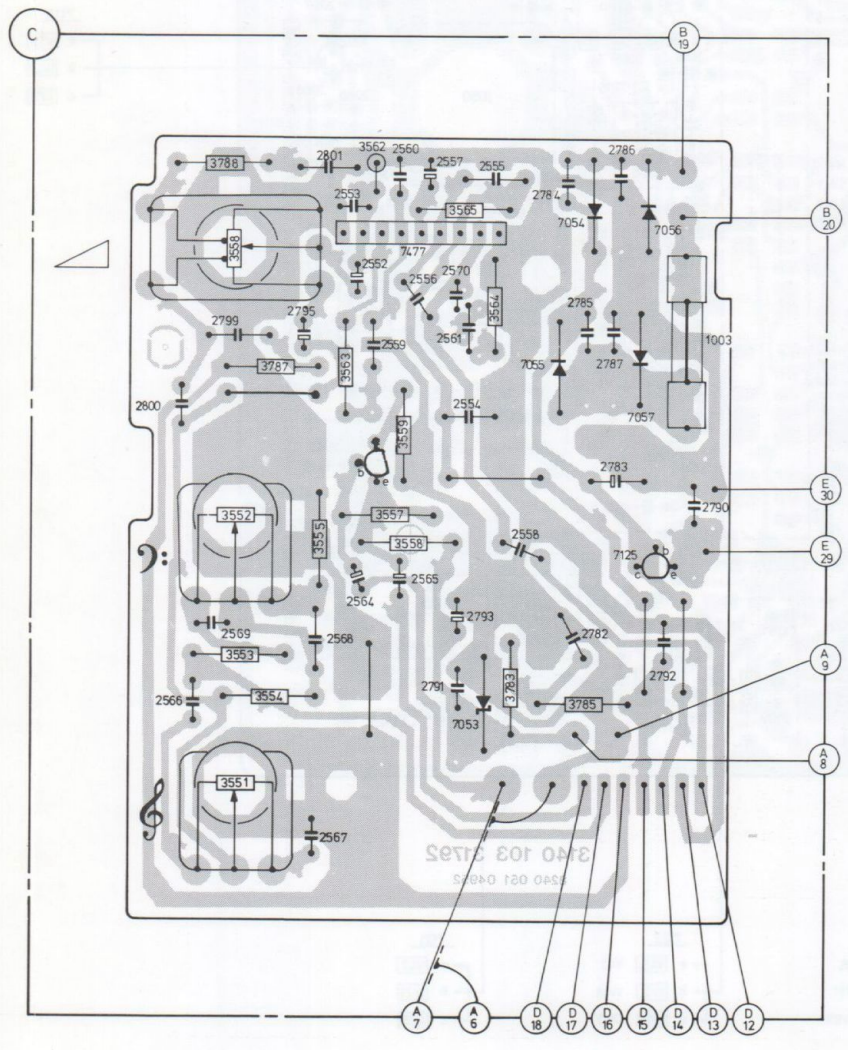
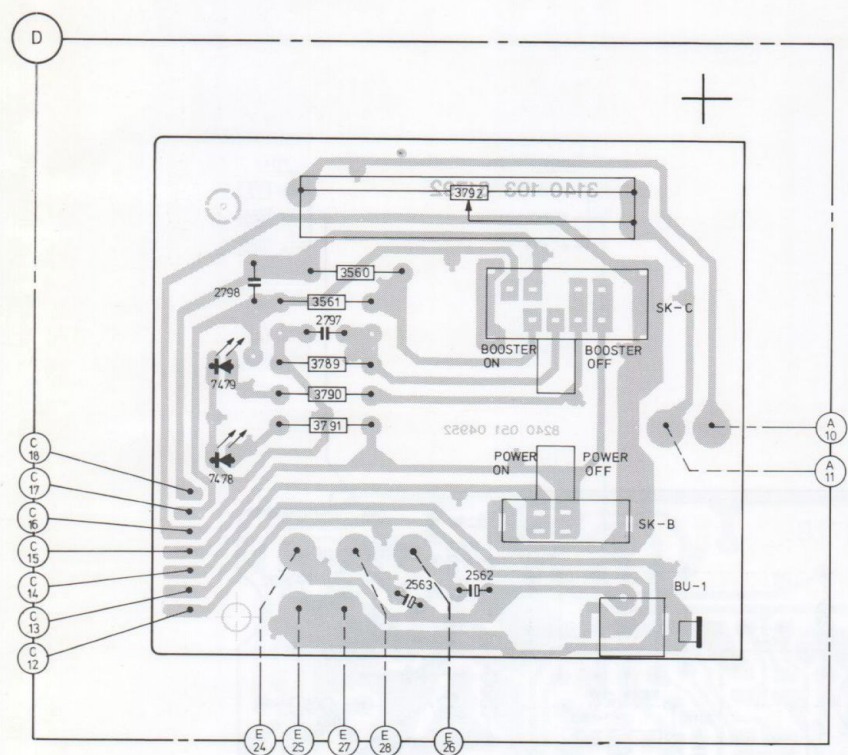
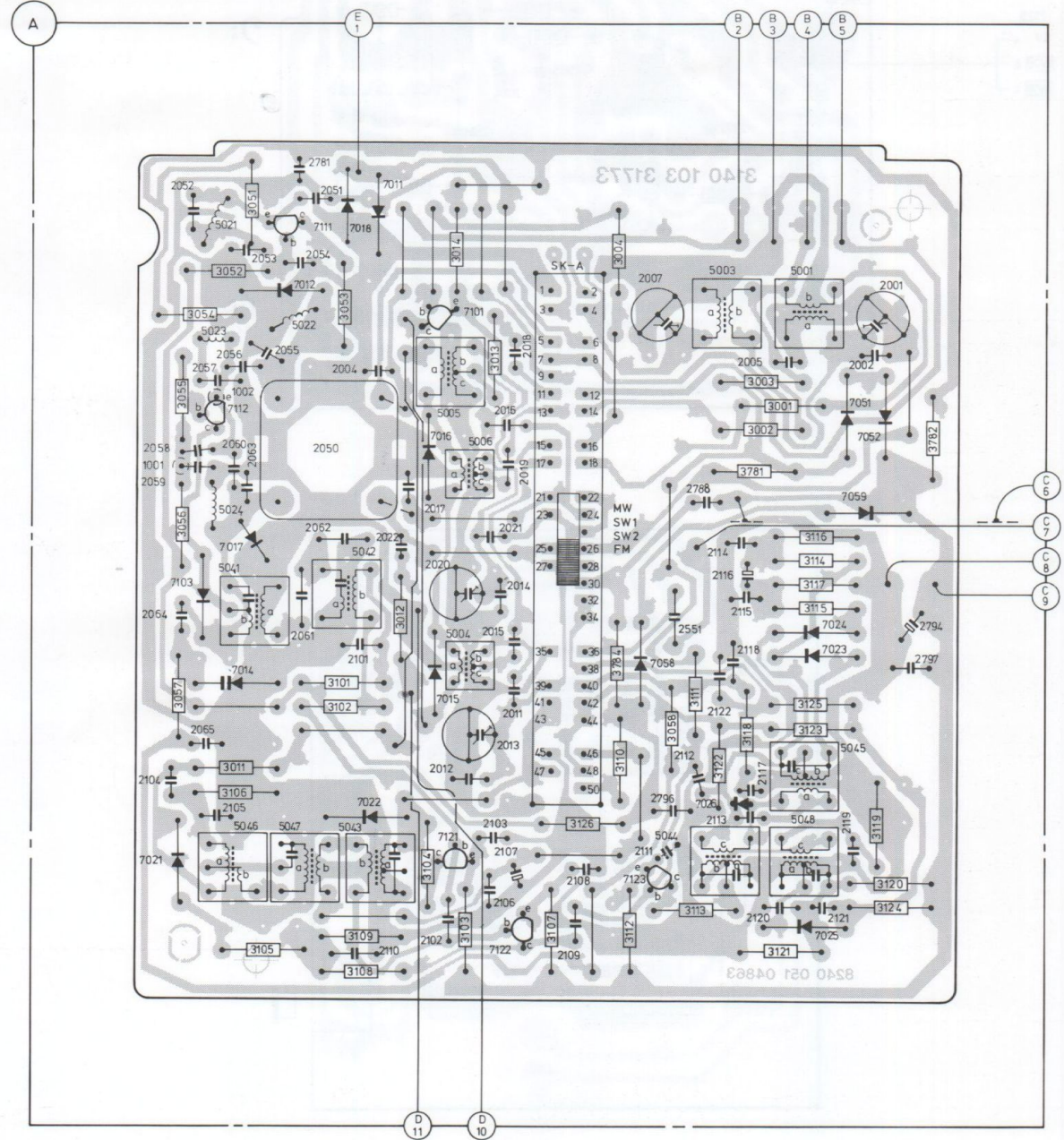
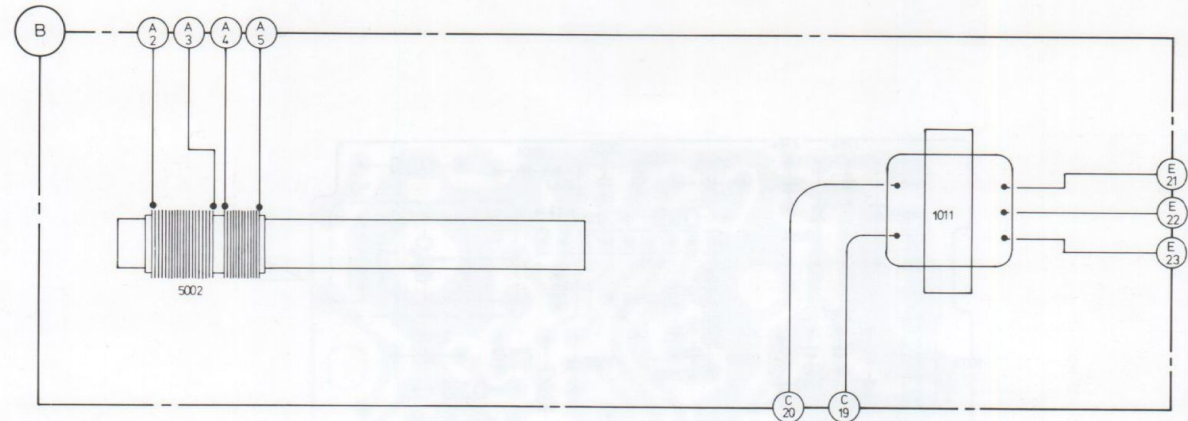
1. Volume control
2. Bass control
3. Treble control
4. Telescopic aerial
5. Wave-range selector
6. Tuning control
7. Fine tuning control

8. Booster 'ON-OFF' switch
9. Radio 'ON-OFF' switch
10. Socket for connecting earphone
11. Mains-lead socket
12. Mains plate
13. Battery cover

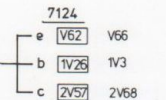
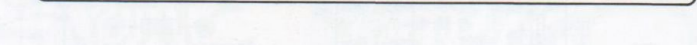
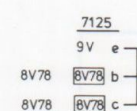
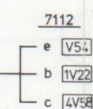
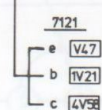
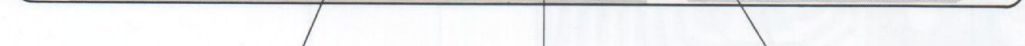
MW/PO : 520-1605KHz (577-187m)
SW1/OC1 : 2.3-7.3MHz (41,49,75,60,90,120m)
SW2/OC2 : 9.5-21.75MHz (13,16,19,25,31m)
FM : 87.5-108MHz
IF/FI AM : 455KHz
468KHz -/02

IF/FI FM : 10.7MHz
Mains/secteur : 220V 50Hz
9V (6 X R20)
Output/sortie : 2W±1dB 9V DC
3W±1dB 220V AC



[illegible]

25246



MW/PO (520-1605KHz)	455KHz * via 10nF	A	min.		5046, 5047	1	max.
					5048		
	512KHz *	B	max.		5005	1	max.
	1635KHz *		min.		CT4		
	550KHz *				5002		
FM 87.5-108MHz AFC off	1500KHz *	C			CT3	1	
	10.7MHz		min.		5041		max.
	via 10nF				5042		
	Δf = 200KHz (50Hz)				5043		
					5044	1	max.lin. + symm.
SW1/OC1 2.3-7.3MHz	86.5MHz * +	D	max.		5024	1	max.
	109MHz * +		min.		CT2		
	88MHz *				5022		
	106MHz *				CT1		
SW2/OC2 9.5-21.75MHz	2.25MHz *	D	max.		5006	1	max.
	7.45MHz *		min.		2020		
	2.5MHz *				5003		
	7.2MHz *				2007		
SW2/OC2 9.5-21.75MHz	9.3MHz *	D	max.		5004	1	max.
	22MHz *		min.		2013		
	10MHz *				5001		
	21MHz *				2001		

Repeat

* MOD : 1KHz
+ -/02 = 468KHz
+ -/02 = 87.35, 107.5MHz

- 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

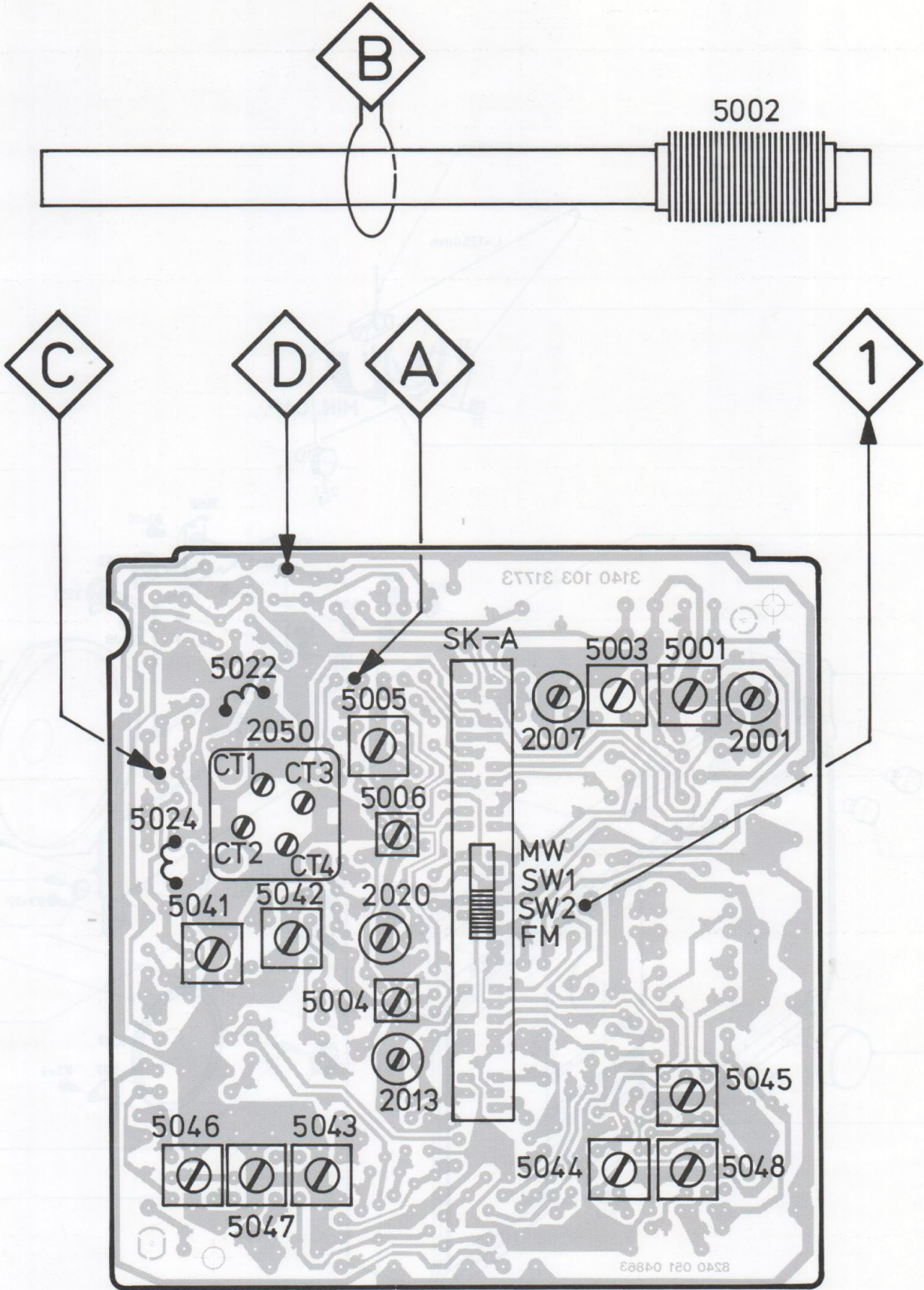
Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.
- F

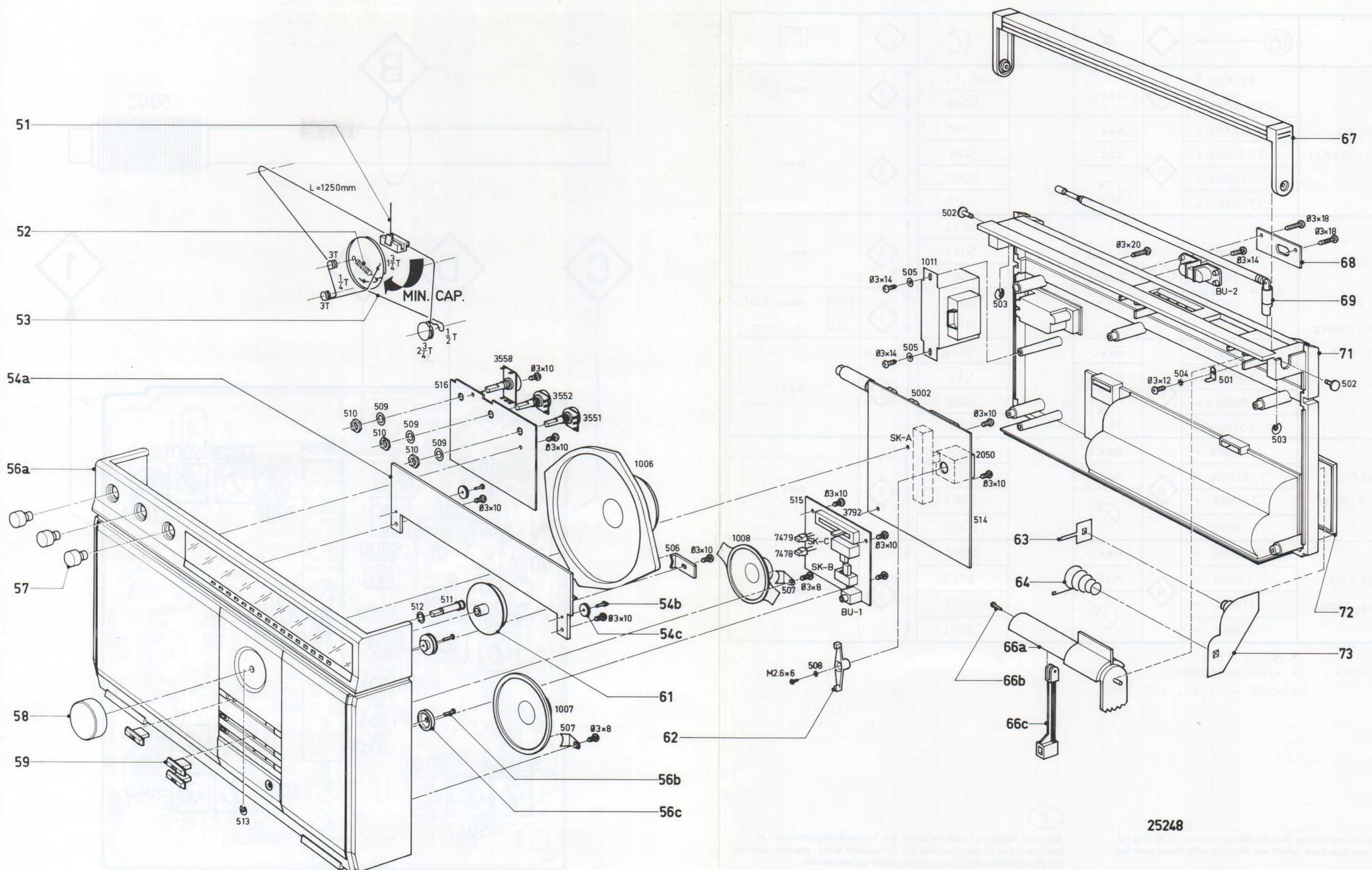
Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

- D

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.





MECHANICAL PARTLIST

51	4822 450 80837
52	4822 492 40445
53	4822 321 30214
54	4822 404 10591
54	4822 404 10593 -/02
56	4822 423 50693

57	4822 413 31121
58	4822 413 41122
59	4822 411 60892
61	4822 528 80912
62	4822 404 10587

63	4822 492 61971
64	4822 492 51068
66	4822 411 50541
67	4822 498 50146
68	4822 290 80566

69	4822 303 30248
71	4822 421 50037
72	4822 426 60236
73	4822 290 80567

25248

ELECTRICAL PARTLIST

-SEMICONDUCTORS-   			-CAPACITORS- 		
7011	BA317	4822 130 30847	2050	varco	4822 125 20234
7012,7022	1K60	4822 130 31232	2001,2007	trimmer 10p	4822 125 50062
7013	1N60	4822 130 31386	2020		
7014	FV1043	4822 130 30845	2013	trimmer 20p	4822 125 50045
7015,7021	BA216	4822 130 30702	2014	cer. 10p±5% N2200	4822 122 31238
7026			2016	poly. 360p±5%	4822 121 41289
7016,7017	2-1K60	4822 130 31232	2017	cer. 18p±5% N1000	4822
7023-7025			2055	cer. 24p±5% -/02	4822 122 31449
7018	BA317	4822 130 30847	2061	cer. 120p±5% N1000	4822 122 30093
7051,7052	CDG24	4822 130 30702	2063	cer. 15p±5% N750	4822
7058,7059			2063	cer. 22p±5% -/02	4822 122 31063
7053	BZX79C5V1	4822 130 34233	2064	cer. 5±0.25p N220	4822 122 40195
7054-7057	1N4001	4822 130 31438	2064	cer. 2p±5% NPO-/02	4822 122 40293
7101	BF494	4822 130 44195	2104	poly. 3n±5%	4822 121 41668
7111	BF494	4822 130 44195	2113	cer. 47p±5% N470	4822
7121-7123			-COILS- 		
7112	1502B	4822 130 40947			
7124	1402C	4822 130 40937	5002	MW bar assy.	4822 526 10234
7125	2SB324 A-I	4822 130 41934	5001	SW2 ant. coil	4822 157 50951
7477	IC TDA1015	4822 209 81161	5003	SW1 ant. coil	4822 156 30515
7478,7479	LED red TLR208	4822 130 31911	5004	SW2 osc. coil	4822 156 30908
-MISCELLANEOUS-			5005	MW osc. coil	4822 156 30906
			5006	SW1 osc. coil	4822 156 30907
SK-A	band SW., 10P4T	4822 277 20823	5023	ferr.inductor .7uH	4822 153 10341
SK-B	ON/OFF SW., 2P2T	4822 277 30693	5024	FM osc. coil	4822 157 51497
SK-C	booster SW., 4P2T	4822 277 20835	5041,5042	IFT,FM	4822 156 30439
BU-1	earphone socket	4822 267 30462	5043,5045	IFT,FM	4822 153 50201
BU-2	AC socket	4822 267 40335	5046	IFT,AM	4822 156 40609
1006	spkr. 134mm 4ohm	4822 240 50208	5047	IFT,AM	4822 153 10279
1007	spkr. 77mm 8ohm	4822 240 30226	5048	IFT,AM	4822 153 10281
1008	spkr. 52mm 8ohm	4822 240 70093			
1011	mains transfo	4822 146 20773			
3551,3552	VR,50KA tre./bass	4822 101 30485			
3558	VR,20KA rot. vol.	4822 101 30484			
3792	VR,fine tune	4822 101 30483			