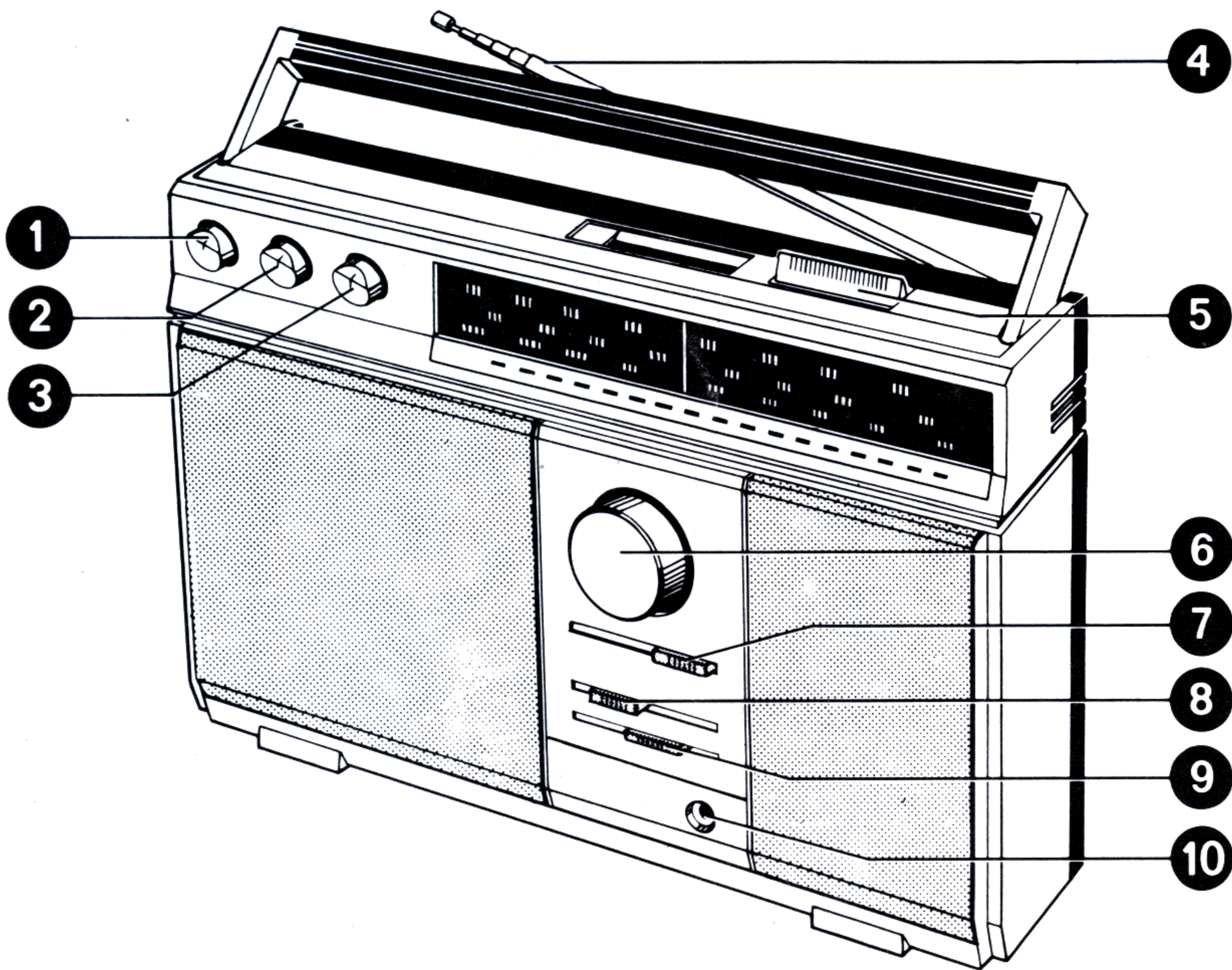


Service
Service
Service

Service Manual



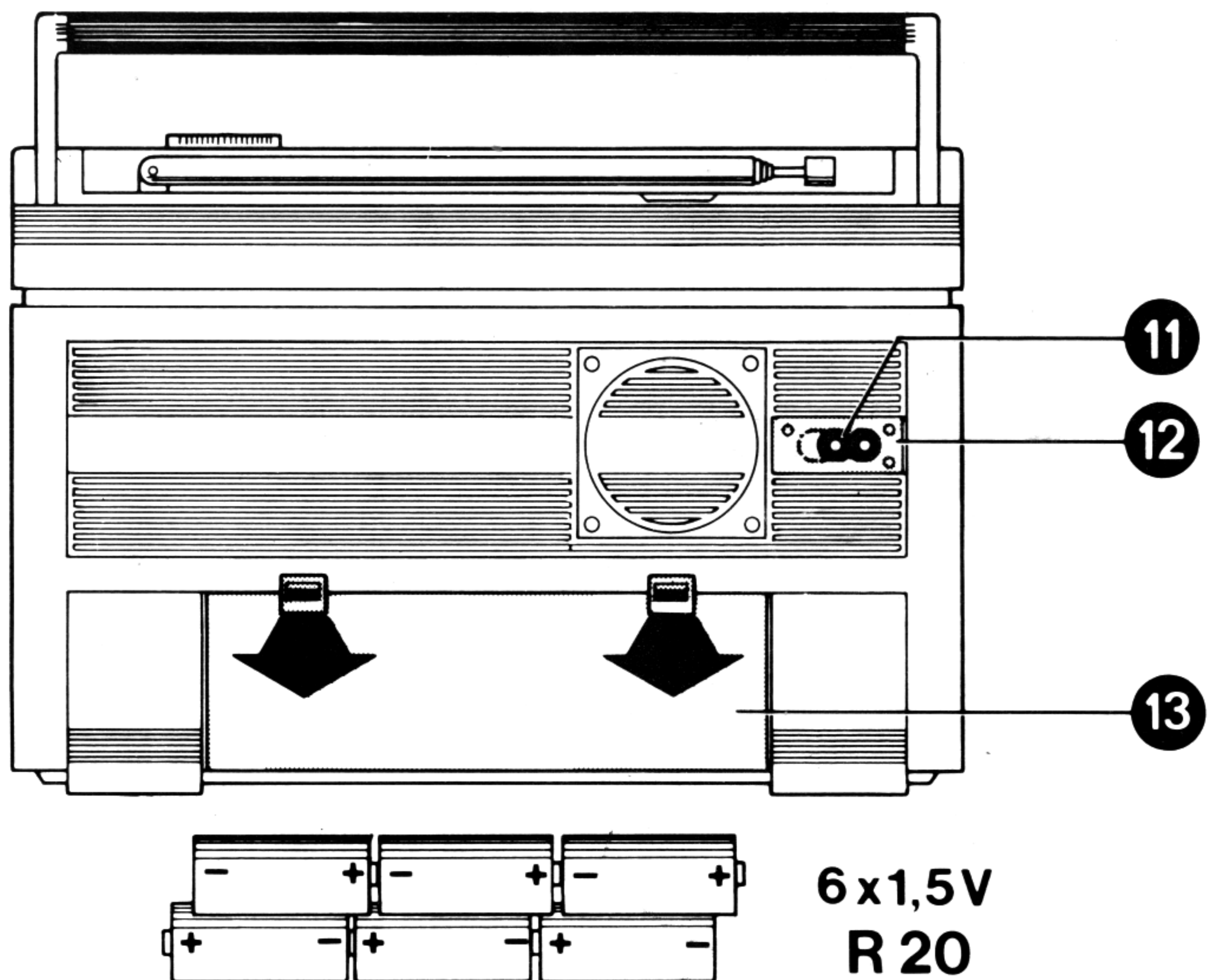
Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Servicio



"Pour votre sécurité, ces documents
doivent être utilisés par des spécia-
listes agréés, seuls habilités à réparer
votre appareil en panne".

Subject to modification
4822 725 15037
Printed in The Netherlands

PHILIPS



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

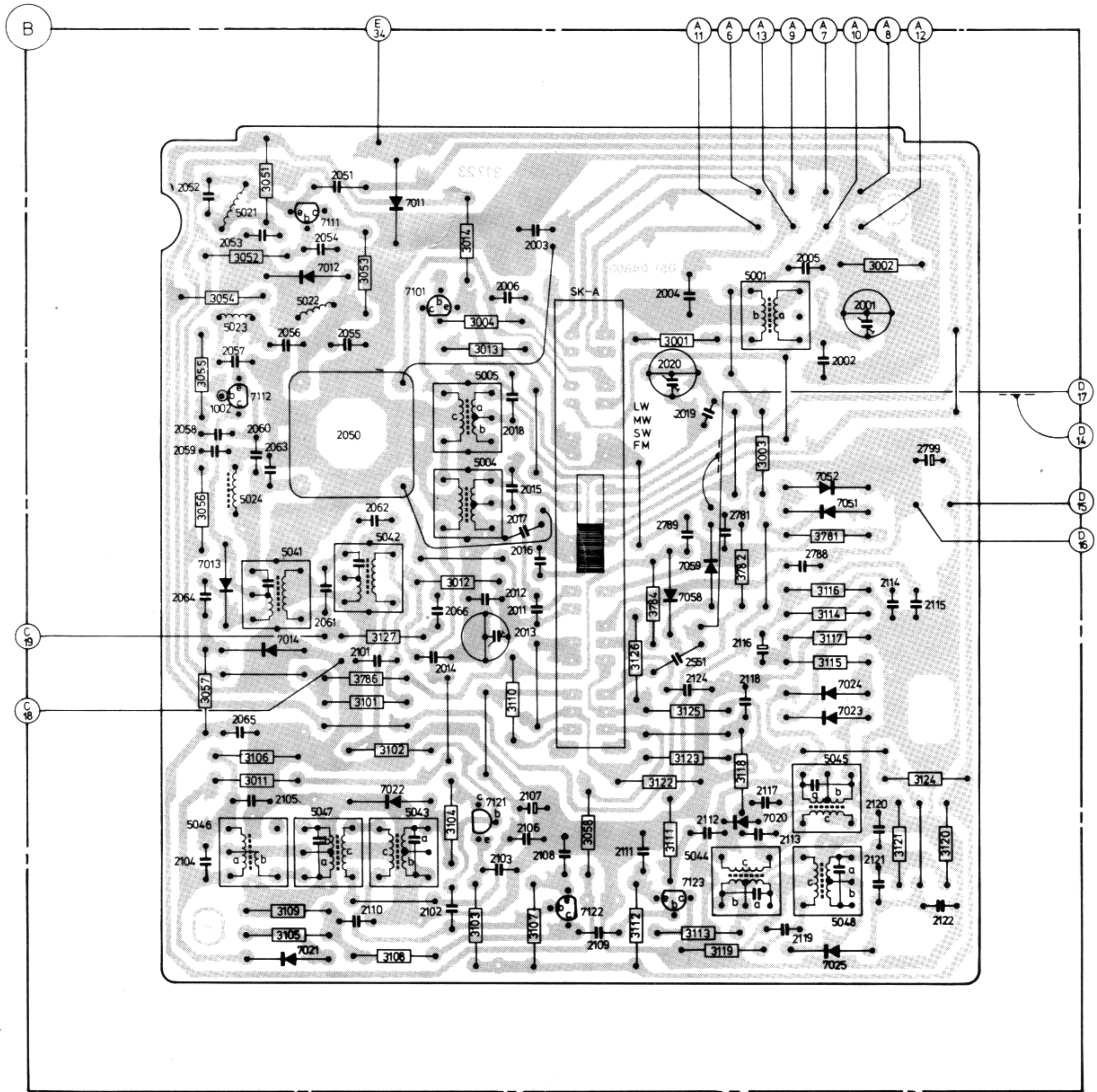
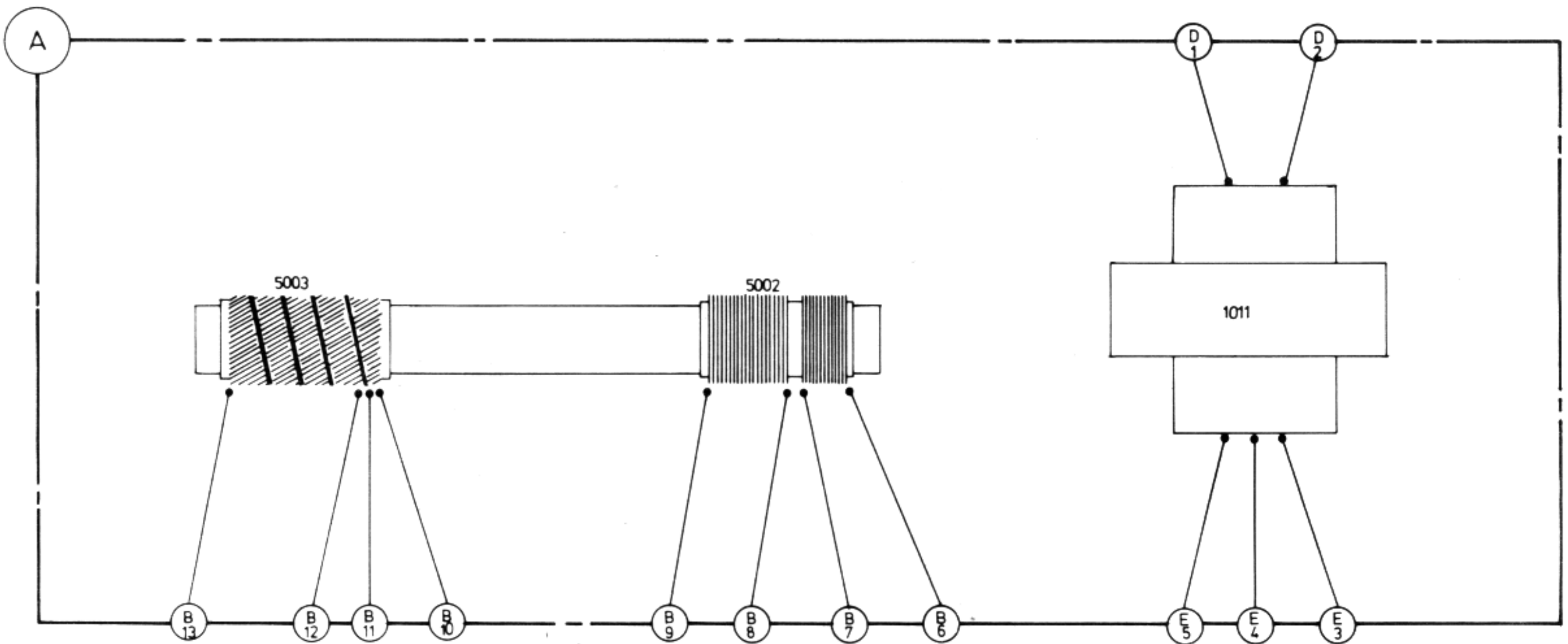
8. Booster 'ON-OFF' switch
9. Radio 'ON-OFF' switch
10. Socket for connecting earphone
11. Mains-lead socket
12. Mains plate
13. Battery cover

LW/GO : 150-255KHz (2000-1176m)
 MW/PO : 520-1605KHz (577-187m)
 SW/OC : 5.95-15.45MHz (19,25,31,41,49m)
 FM : 87.5-108MHz
 IF/FI AM : 468KHz

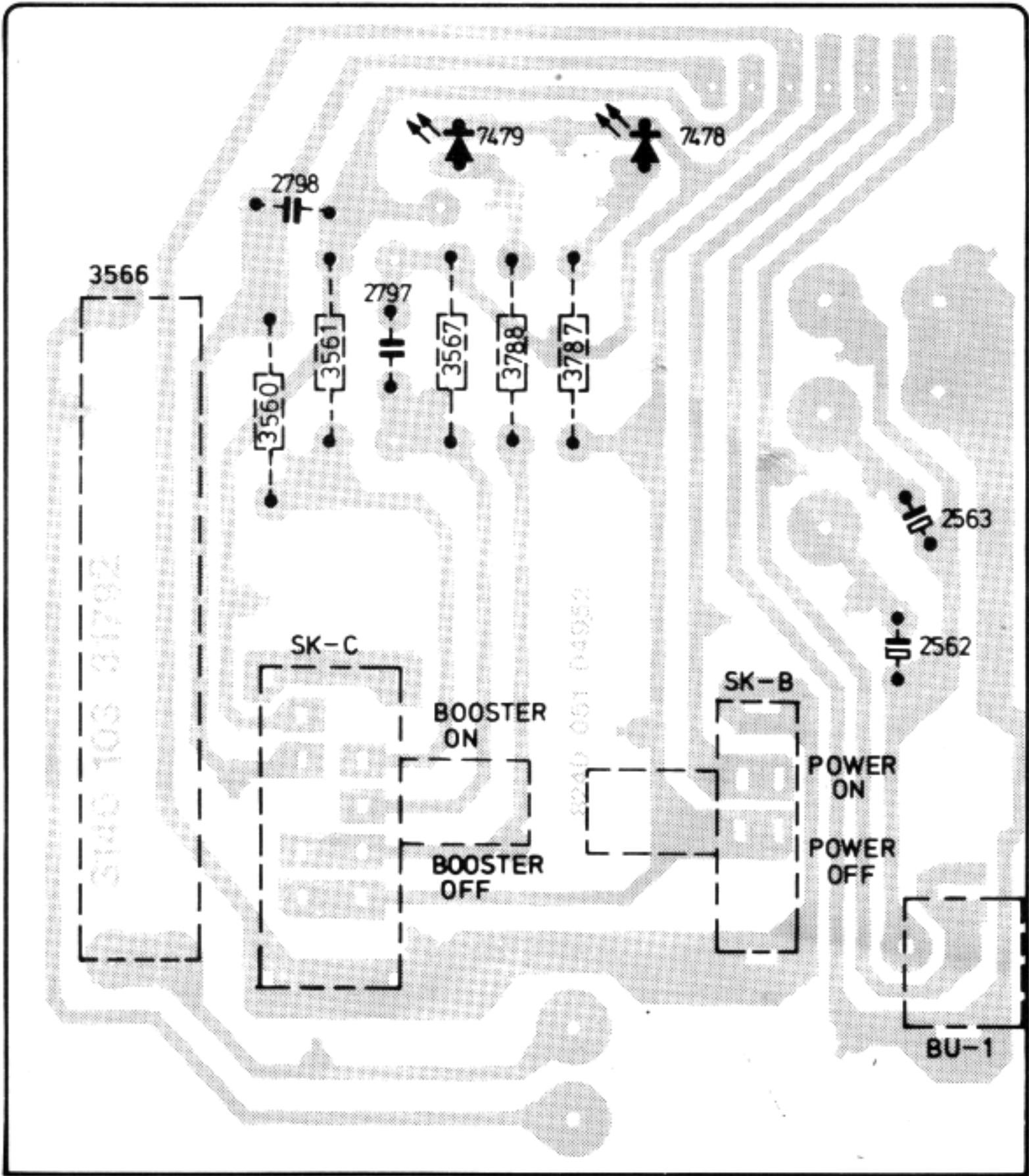
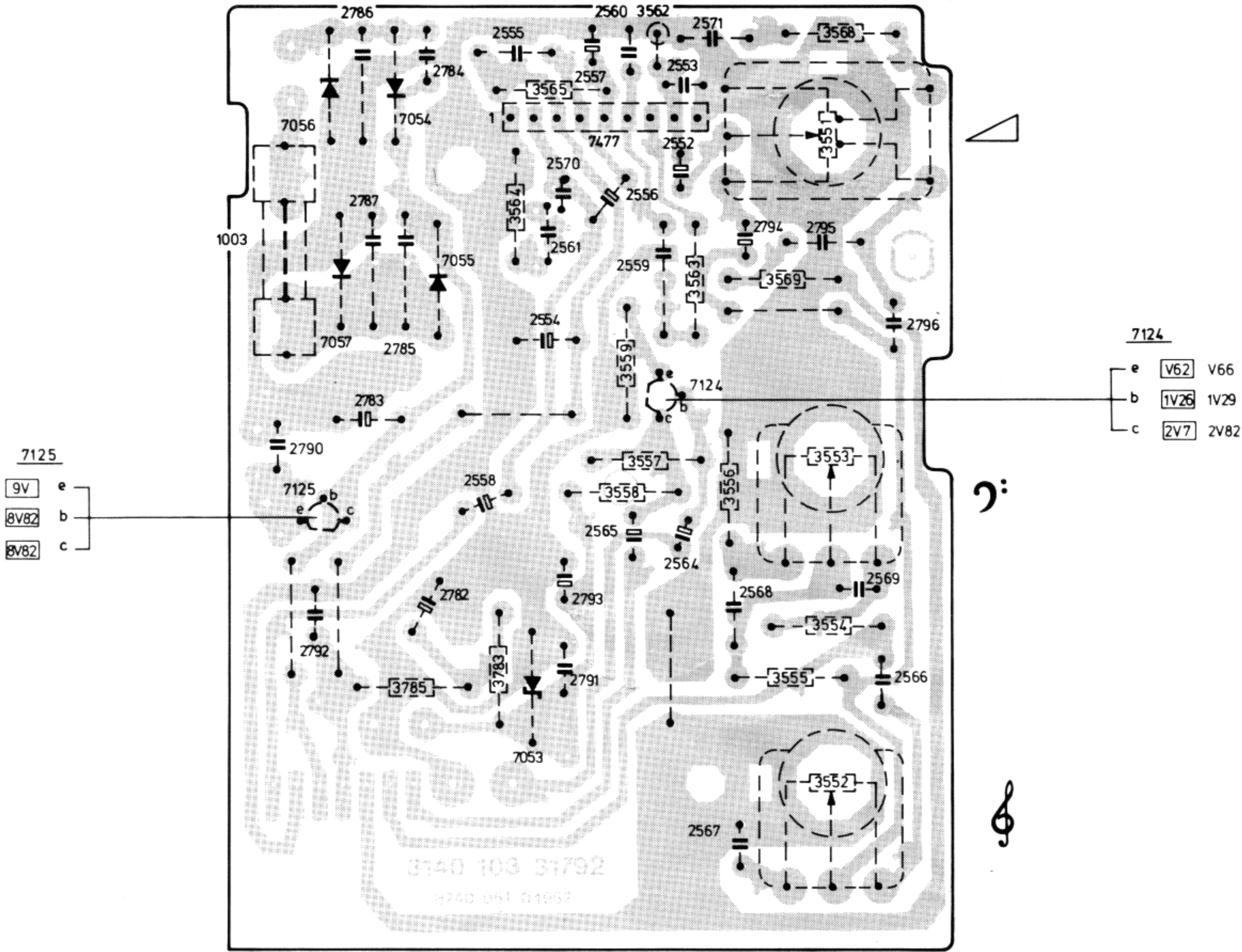
IF/FI FM : 10.7MHz
 Mains/secteur : 220V 50Hz
 9V (6 X R20)
 Output/sortie : 2W±1dB 9V DC
 3W±1dB 220V AC

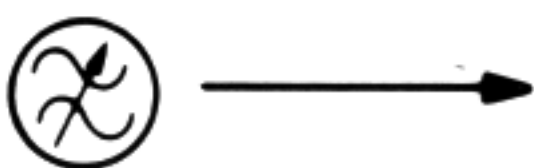
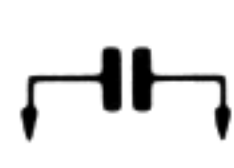
CS 83 973

MISC	5021 7112 5046 7012 7014 7011 7101 5005 7121 7122 7123 7058 5044 7025 7052 7023																						
	5003 5023 5024 7111 5041 5042 7022 5004 5002										7059 5001 5048 7051 1011												
	1002 7013 7021 5022 5047 5043										7020 5045 7024												
C	2052 2058 2053 2105 2051 2050 2110 2102 2006 2003 2011 2108 2111 2020 2004 2019 2112 2113 2116 2005 2001 2120 2799																						
	2064 2057 2060 2054 2055 2061 2101 2066 2103 2018 2015 2016 2106 2551 2124 2117 2119 2002 2121 2115																						
	2104 2059 2065 2063 2056 2062 2014 2013 2017 2012 2107 2109 2789 2781 2118 2788 2114 2122																						
R	3055 3056 3051 3109 3053 3108 3103 3104 3014 3110 3107 3058 3112 3001 3123 3125 3782 3003 3781 3002 3124																						
	3057 3052 3106 3105 3786 3127 3012 3004										3126 3784 3113 3118 3116 3117 3121 3120												
	3054 3011 3101 3102 3013										3122 3111 3119 3114 3115												



1003	7056	7054	7055	7053	7477	7124	BU-1					
7125	7057		7479	7478								
2790	2786	2784	2798	2555	2570	2560	2556	2571	2552	2794	2795	2796
2787	2785	2782	2558	2561	2557	2793	2553	2564	2568	2567	2569	2566
2792	2783	2797	2554	2791	2565	2559	2563	2562				
3566	3785	3783	3565	3787	3562	3563	3569	3568	3552			
	3560	3561	3564	3788	3559	3557	3556	3554	3551			
			3567			3558	3555	3553				



								
MW/PO (520-1605KHz)	468KHz * via 10nF		min.		5046, 5047 5048		max.	
	512KHz *		max.		5005		max.	
	1635KHz *		min.		CT4			
	550KHz *				5002			
	1500KHz *				CT3			
LW/GO (150-255KHz)	147KHz *		max.		2020		max.	
			min.					
	200KHz *				5003			
FM 87.5-108MHz AFC off	10.7MHz via 10nF $\Delta f = 200\text{KHz}$ (50Hz)		min.		5041 5042 5043		max.	
					5044 5045		 max.lin. + symm.	
	86.5MHz *		max.		5024		max.	
	109MHz *		min.		CT2			
	88MHz *				5022			
	106MHz *				CT1			
SW/OC 5.95-15.45MHz via 8pF	5.85MHz *		max.		5004		max.	
	15.9MHz *		min.		2013			
	6.5MHz *				5001			
	14.5MHz *				2001			

 Repeat

* MOD : 1 KHz

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

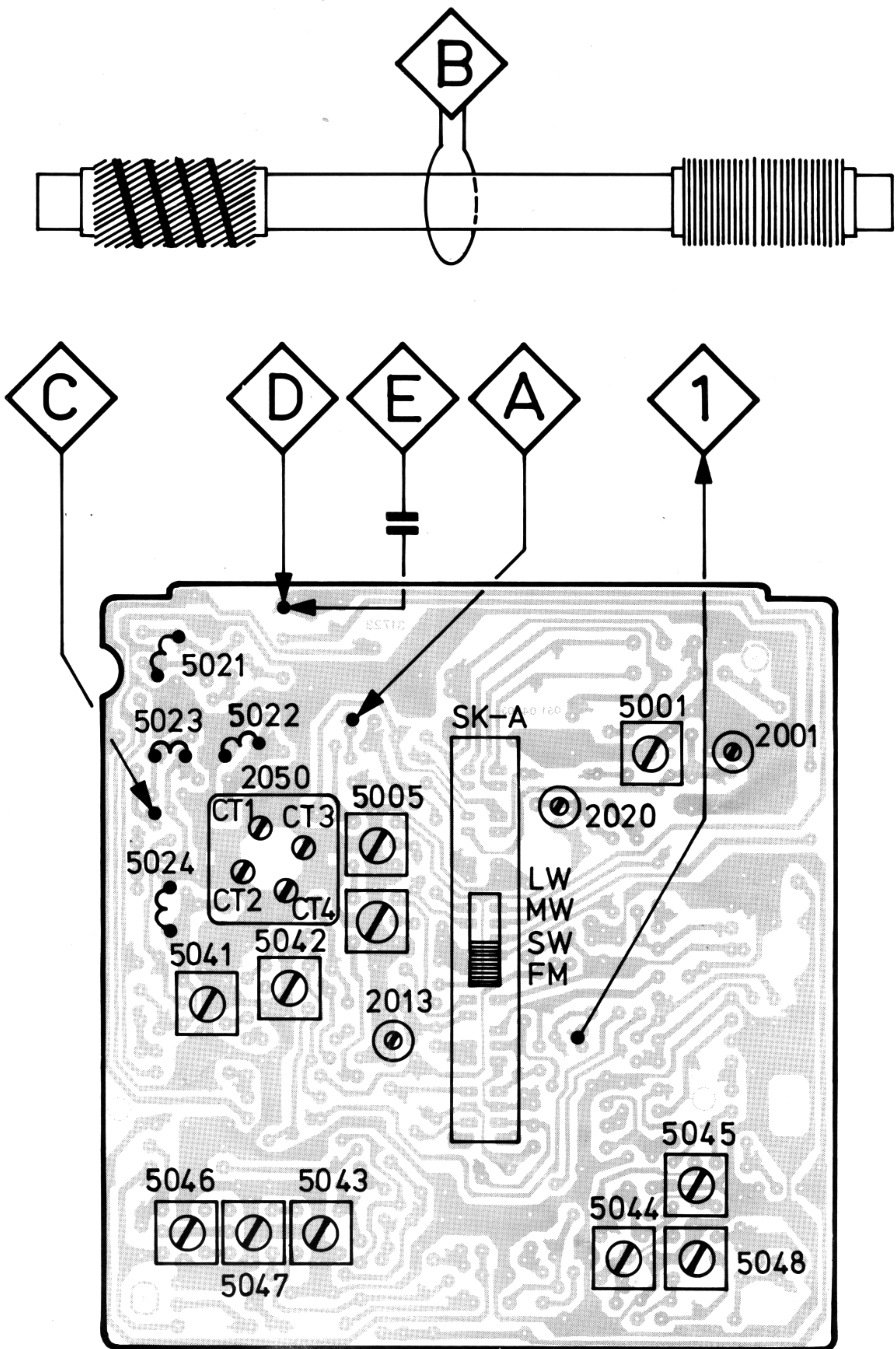
Les normes de sécurité exigent que l'appareil soit remis à l'état d'origine et que soient utilisées les pièces de rechange identiques à celles spécifiées.

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.

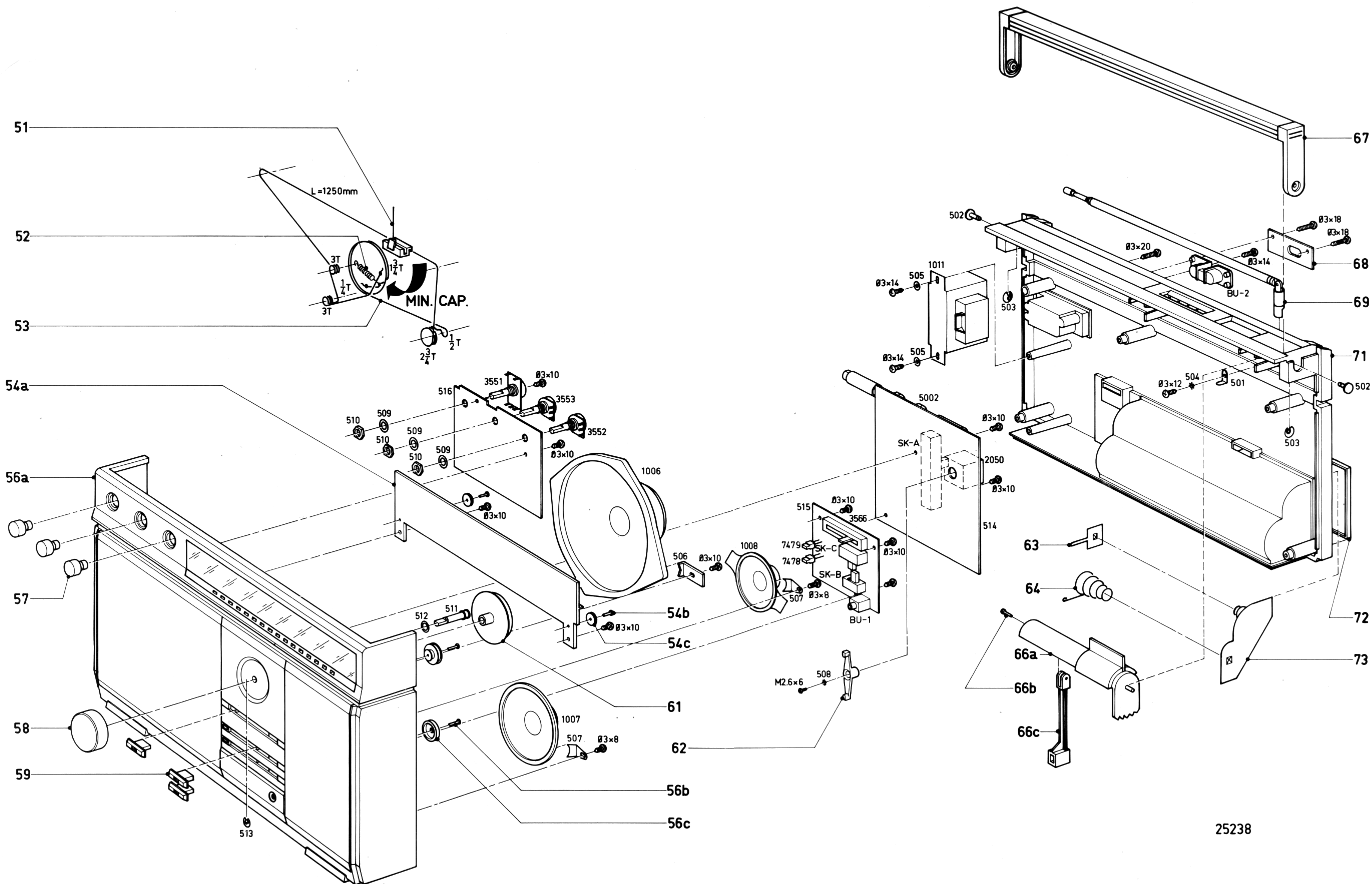
I

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.



25239

CS 83 976



25238

MECHANICAL PARTSLIST

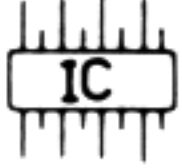
51 4822 450 80837
 52 4822 492 40445
 53 4822 321 30214
 54 4822 404 10588
 56 4822 423 50689

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 50539
 67 4822 498 50146
 68 4822 290 80566

69 4822 303 30248
 71 4822 421 50036
 72 4822 426 60236
 73 4822 290 80567

ELECTRICAL PARTSLIST

-CAPACITORS- 				-COILS- 			
2050	varco	4822 125	20234	5002	MW/LW ant. assy.	4822 526	10235
2002,2064	cer 5±0.25p N220	4822 122	40195	5001	SW ant. coil	4822 156	40671
2004	cer 100p±5% N220	4822 122	31081	5004	SW osc. coil	4822 157	50888
2012,2063	cer 18p±5% N470	4822 122	31061	5005	MW osc. coil	4822 156	30905
2014	cer 3±0.25p NPO	4822 122	31395	5023	ferr.inductor .7uH	4822 153	10341
2017	cer 15p±5% N470	4822 122	31058	5024	FM osc. coil	4822 157	51497
2058,2113	cer 36p±5% N470	4822 122	40343	5041,5042	IFT,FM	4822 156	30439
2061	cer 120p±5% N1000	4822 122	30093	5043,5045	IFT,FM	4822 153	50201
2001	trimmer 10p	4822 125	50062	5044	IFT,FM	4822 153	10236
2013,2020	trimmer 20p	4822 125	50045	5046	IFT,AM	4822 156	40609
2104	poly. 3n±5%	4822 121	41668	5047	IFT,AM	4822 153	10279
				5048	IFT,AM	4822 153	10281
-SEMICONDUCTORS-   				-MISCELLANEOUS-			
7011	BA317	4822 130	30847	SK-A	band SW., 8P4T	4822 277	20822
7012,7013	IN60	4822 130	31386	SK-B	ON-OFF SW., 2P2T	4822 277	30693
7014	FV1403	4822 130	30845	SK-C	booster SW., 4P2T	4822 277	20835
7020,7021	CDG00	4822 130	30702	BU-1	earphone socket	4822 267	30462
7022	1K60	4822 130	31232	BU-2	AC socket	4822 267	40335
7023-7025	2-1K60	4822 130	31232	1006	spkr. 134mm 4ohm	4822 240	50208
7051,7052	CDG24	4822 130	30702	1007	spkr. 77mm 8ohm	4822 240	30226
7058,7059				1008	spkr. 52mm 8ohm	4822 240	70093
7053	BZX79C5V1	4822 130	34233	1011	mains transfo	4822 146	20773
7054-7057	1N4001	4822 130	31438	3551	VR,20KA rot. vol.	4822 101	30484
7101,7111	1502C	4822 130	44195	3552,3553	VR,50KA tre./bass	4822 101	30485
7121-7123				3556	VR,fine tune	4822 101	30483
7112	1502B	4822 130	40947				
7124	1402C	4822 130	40937				
7125	2SB324A-J	4822 130	41934				
7477	IC TDA1015	4822 209	81161				
7478,7479	LED red, TLR208	4822 130	31911				