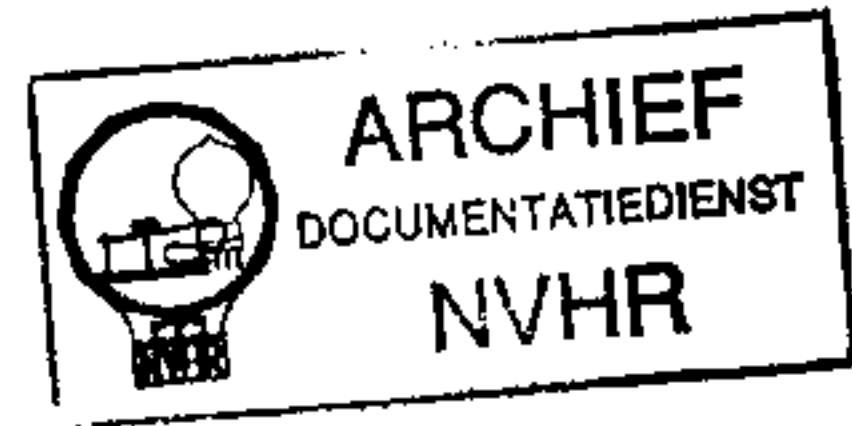
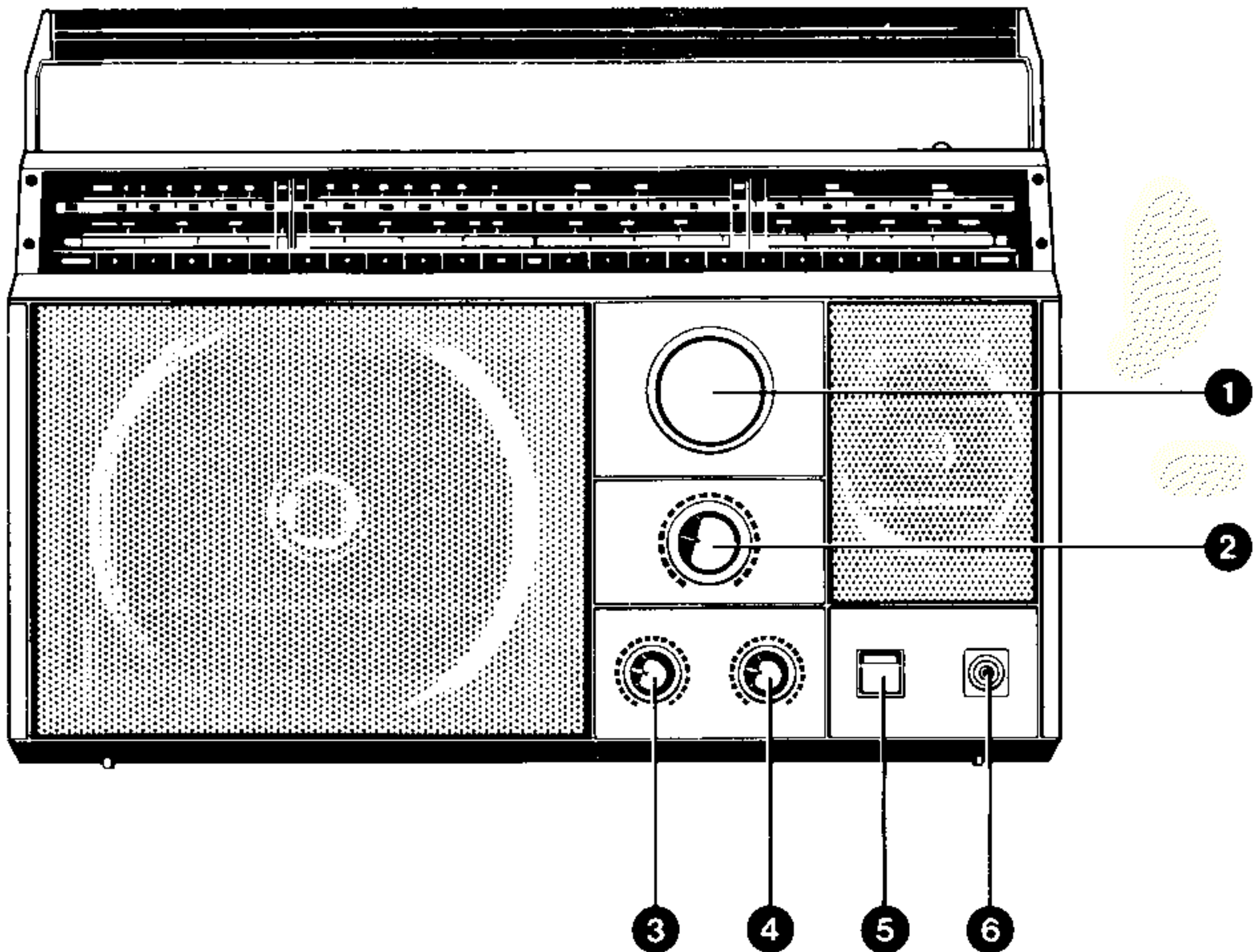


Service
Service
Service



Compliments www.radiomuseum-hengelo.nl

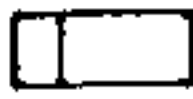
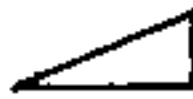
Service Manual



26174

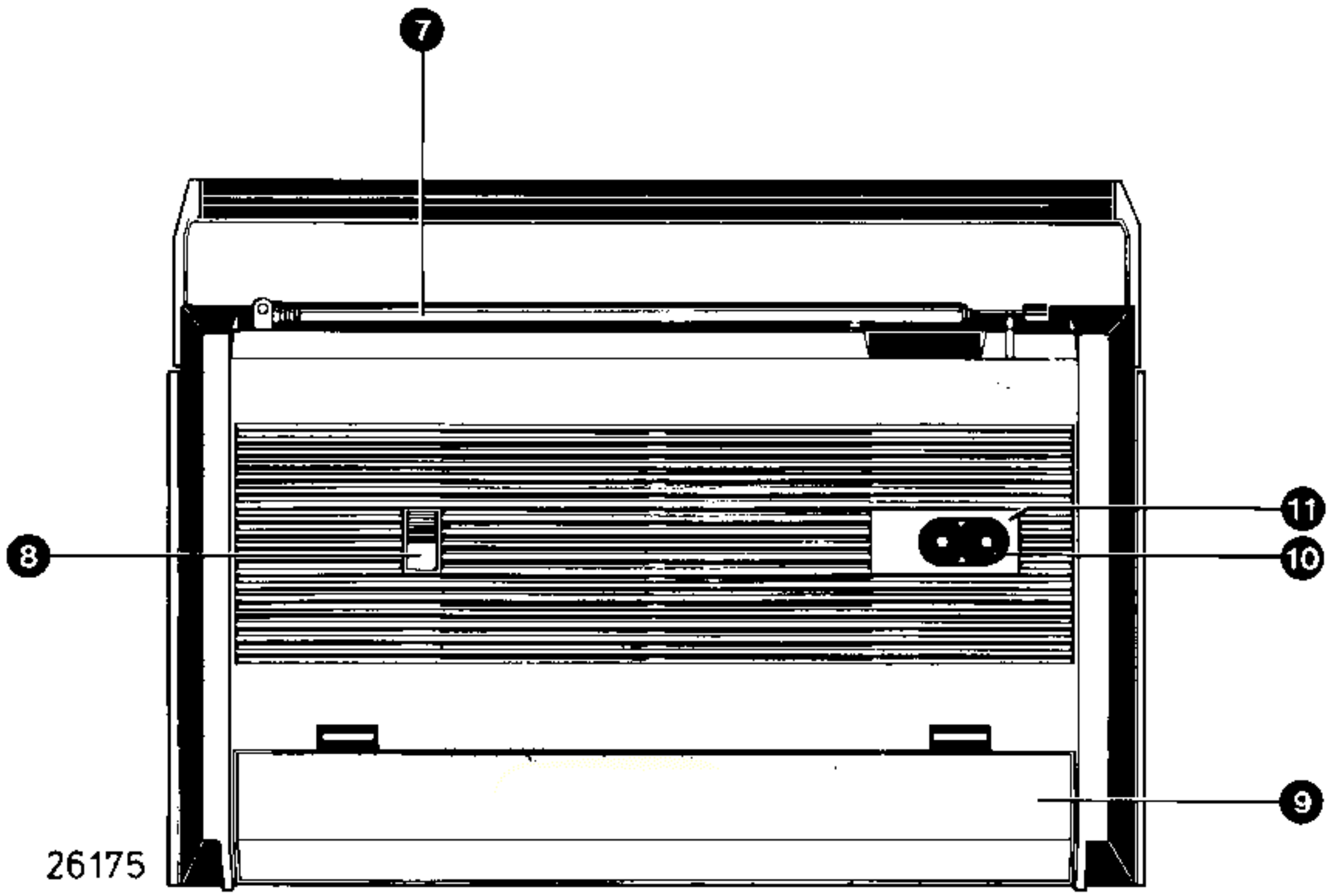


Connection and control

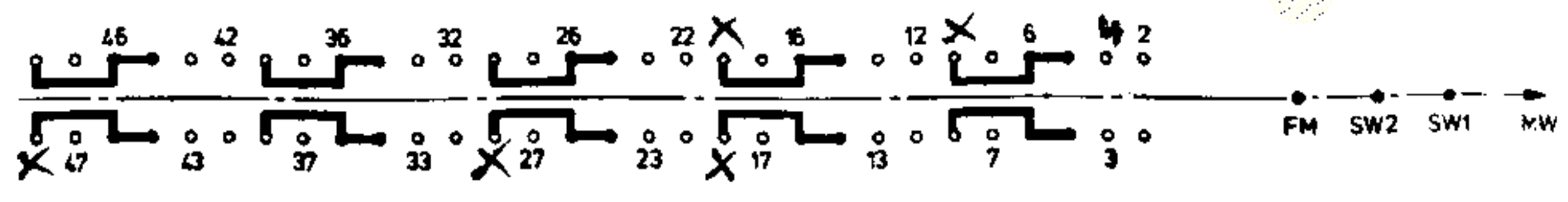
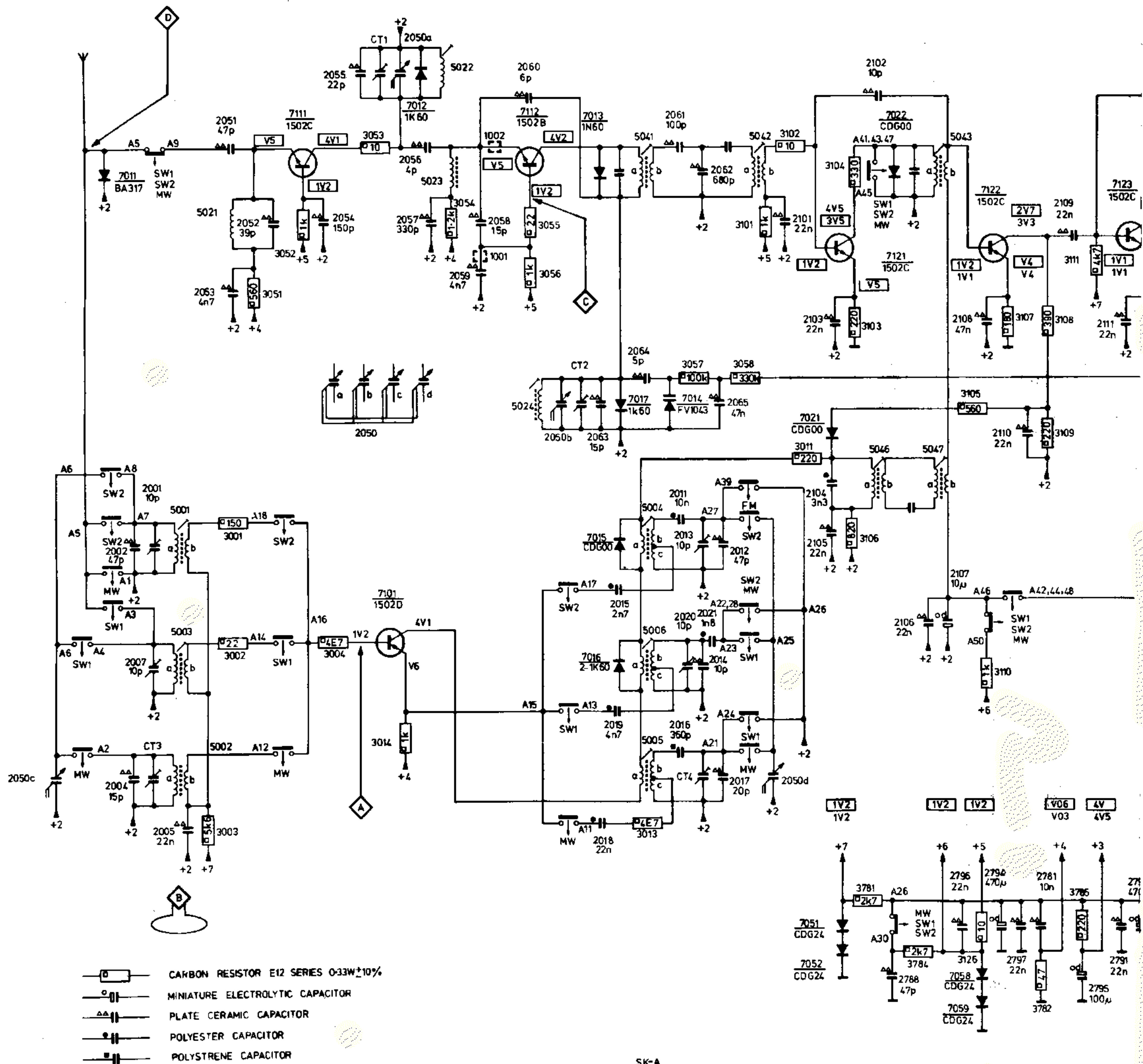
1	2050		7	Tele. aerial
2	3551		8	SK-A MW-SW1-SW2-FM
3	3558		9	Battery comp.
4	3552		10	AC socket 
5	SK-B		11	AC plate
6	BU-1			

Specifications

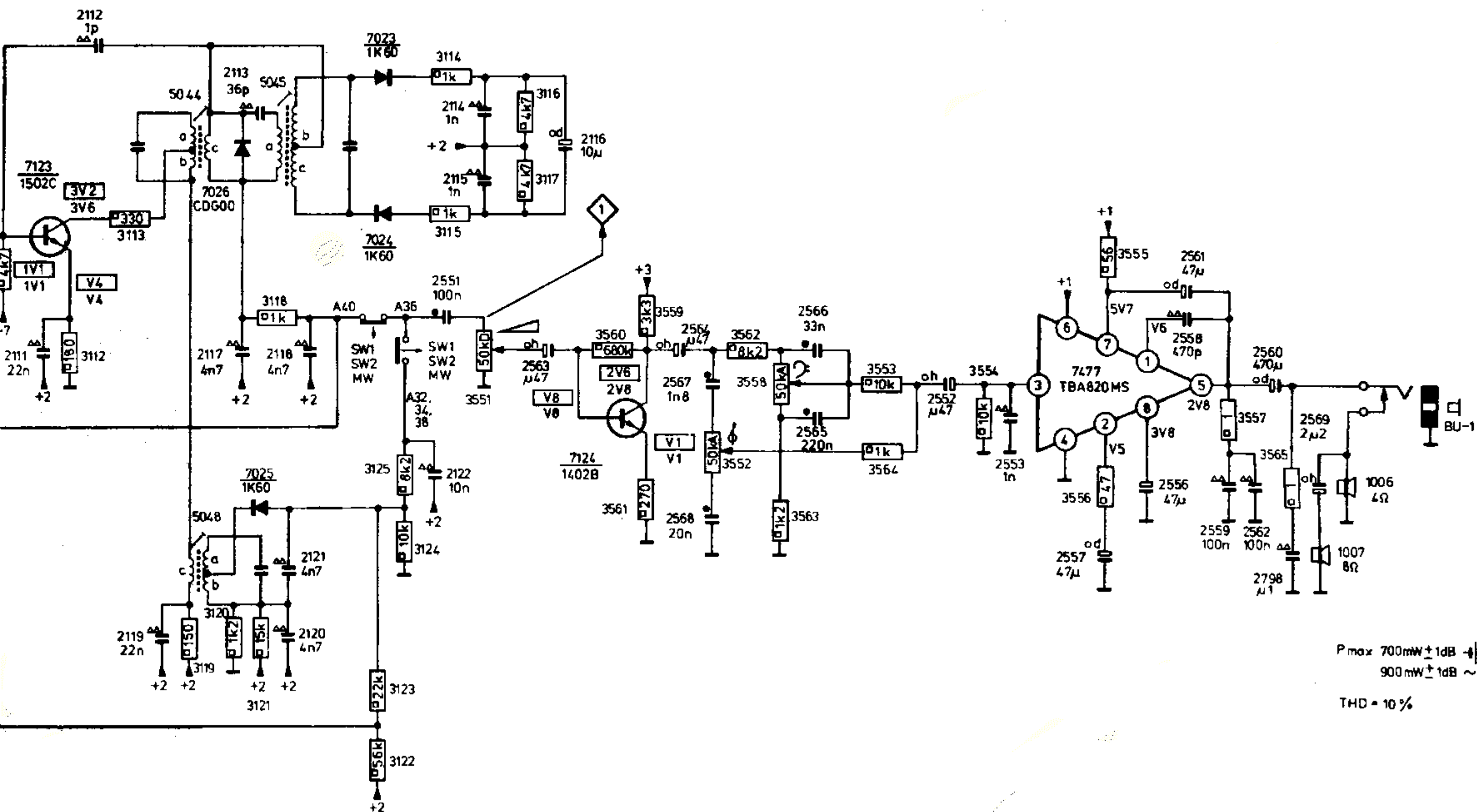
MW/PO:	520-1605KHz (577-187m)	Supply/secteur:	110-127/220-240V 50Hz ~
SW1/OC1:	2.3-7.3MHz (120-41m)		6V (4 x R20) 
SW2/OC2:	9.5-21.75MHz (31-13m)	Output/sortie:	700mW $\pm$ 1dB (d=10%) 
FM:	87.5-108MHz		900mW $\pm$ 1dB (d=10%) ~
IF/FI AM:	455KHz		
	468KHz (/02)		
IF/FI FM:	10.7MHz		



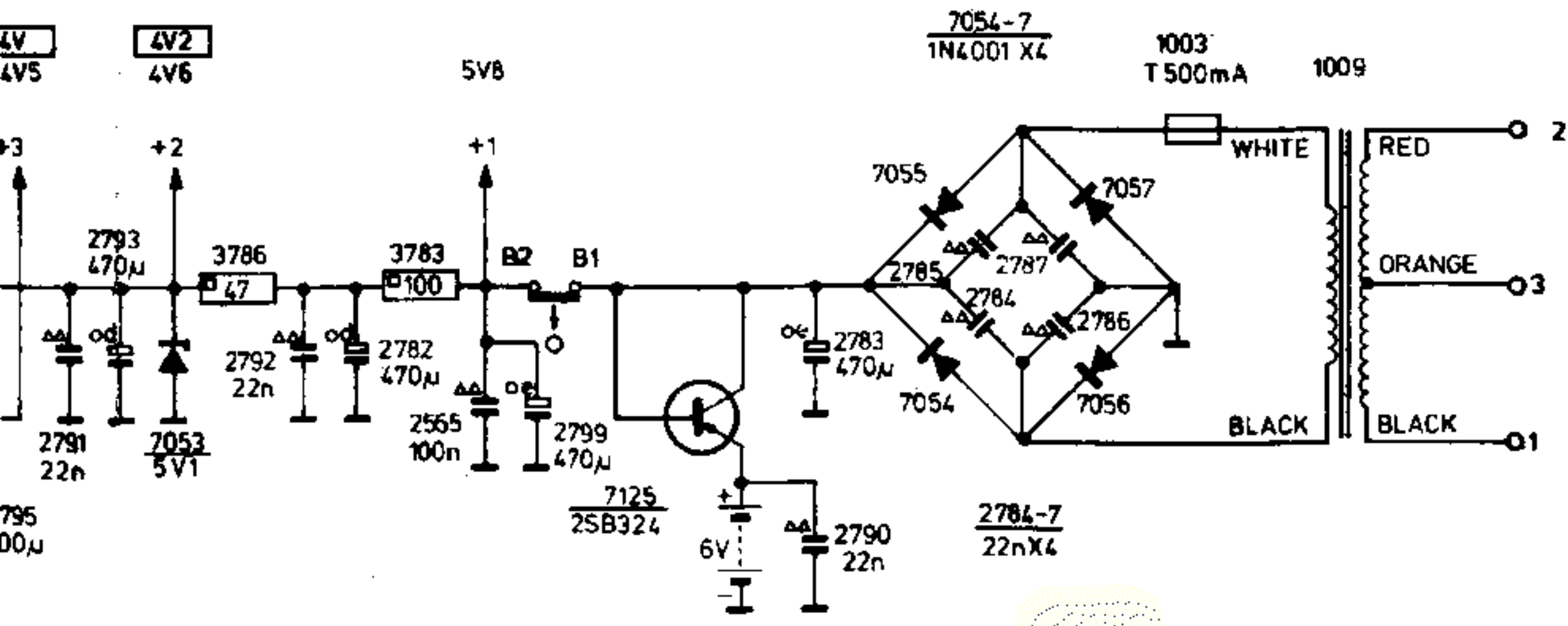
MISC	7011	5001	5021	7111	7101	7012	5022	5023	1002	7112	5024	7013	7017	5041	5005	5042	7121	7022	5043	7122	7123									
	5003							1001		7015	7014	5004					7021	5046	7051	5047	7058									
	5002									7016		5006							7052		7059									
C	2050c	2002	2001	2005	2051	2052	2054	2055	CT1	2050a	2057	2058	2060	2050b	CT2	2063	2064	2061	2062	2065	2101	2103	2102	2796	2108	2781	2109	2111		
		2007			2053					2056		2059				2019	2018	2016	2011	2013	2012	2017	2104	2788	2106	2107	2794	2110	2795	279
	CT3	2004														2015	CT4	2020	2021	2014	2050d		2105							
R			3001	3051	3052		3053	3014	3054		3055	3013		3057	3058	3101	3102	3106	3104	3781	3784		3126	3110	3108	3111	3112			
			3002		3004						3056						3011		3103				3105	3107	3109					
			3003																								3782	3785		



7123	7053	5044	5048	5045	7125	7023	7124	1003	1009	7477	1007	1006										
		7025			7024		7055	7056	7057			BU-1										
							7054															
2111	2112	2792	2119	2113	2118	2121	2122	2551	2114	2785	2116	2564	2567	2568	2552	2553	2557	2551	2556	2560	2798	2569
2795	2791		2782	2117		2120	2790	2115	2563	2787		2568	2565				2558		2559	2562		
	2793				2555		2783	2799	2784	2786												
3111	3112	3113	3119	3120	3118	3123	3125	3114	3116	3560	3559	3562	3558	3553	3554	3556	3557	3565				
		3786			3121	3122	3124	3115	3117	3561	3552	3563	3564	3564		3555						
35				3783				3551														



P max 700mW ± 1dB
900mW ± 1dB ~
THD = 10 %

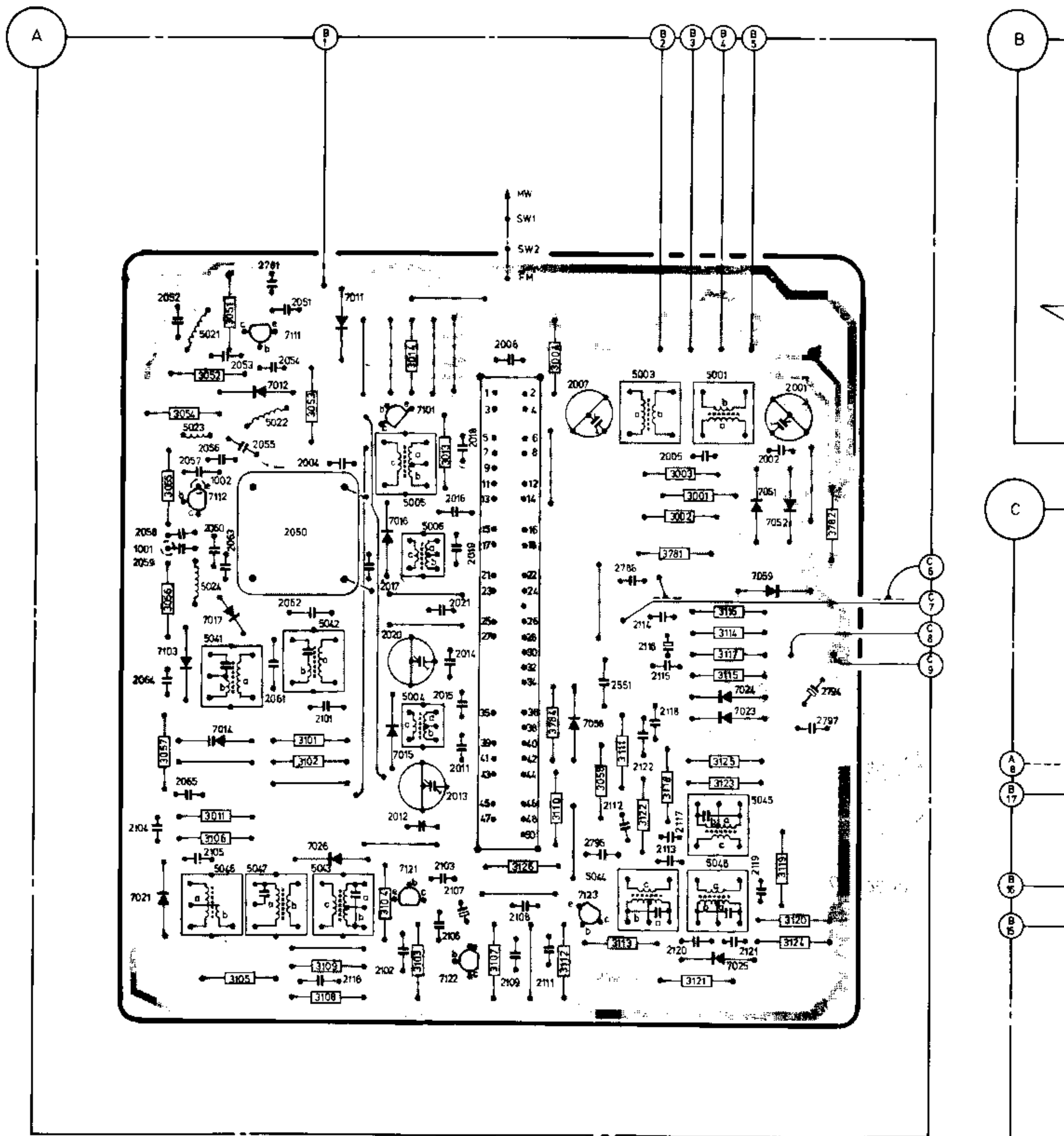


CONNECTION	VERSION				
	700	701	702	710	711
1-2	220V~	220V~	220V~	240V~	
1-3	—	—	—	—	

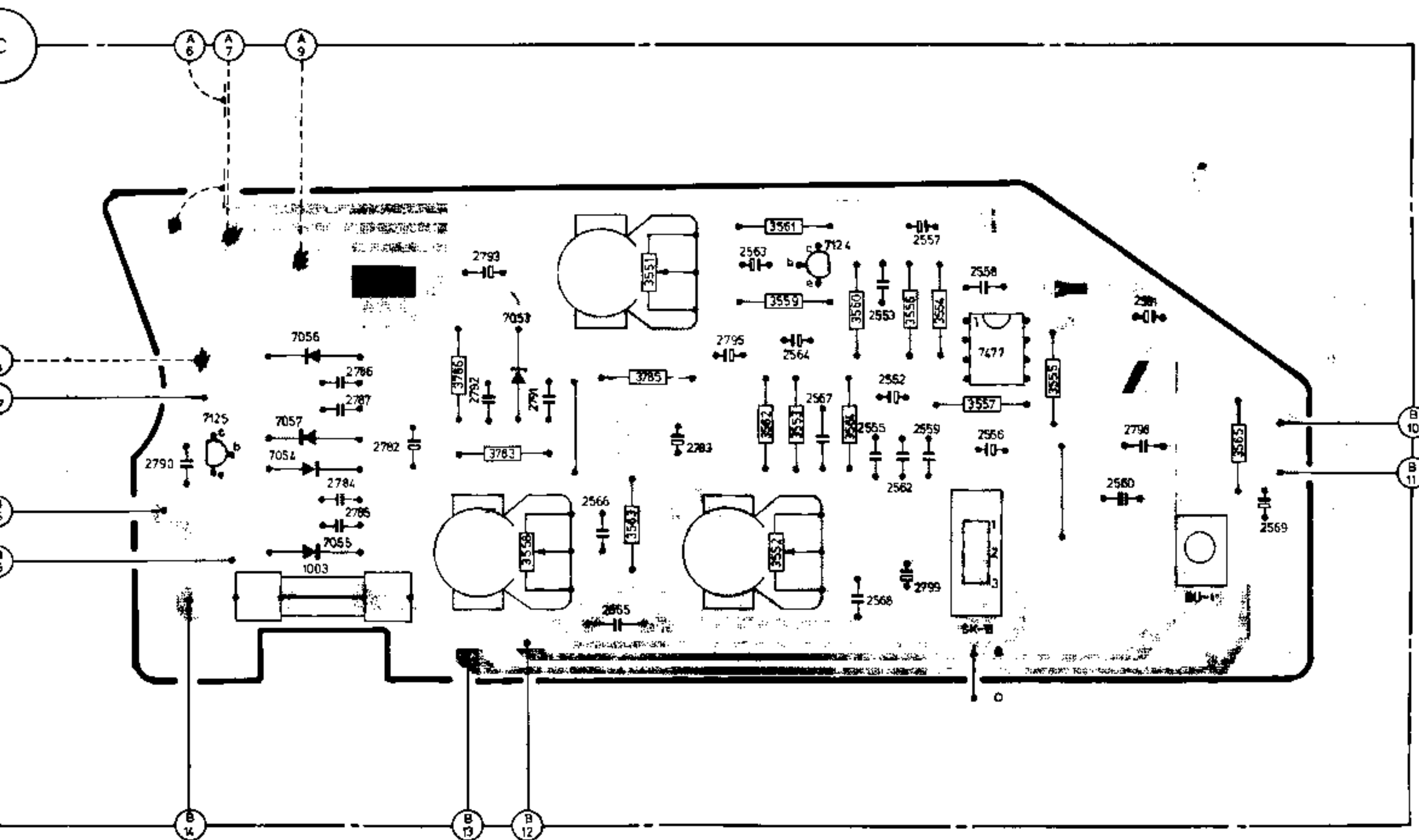
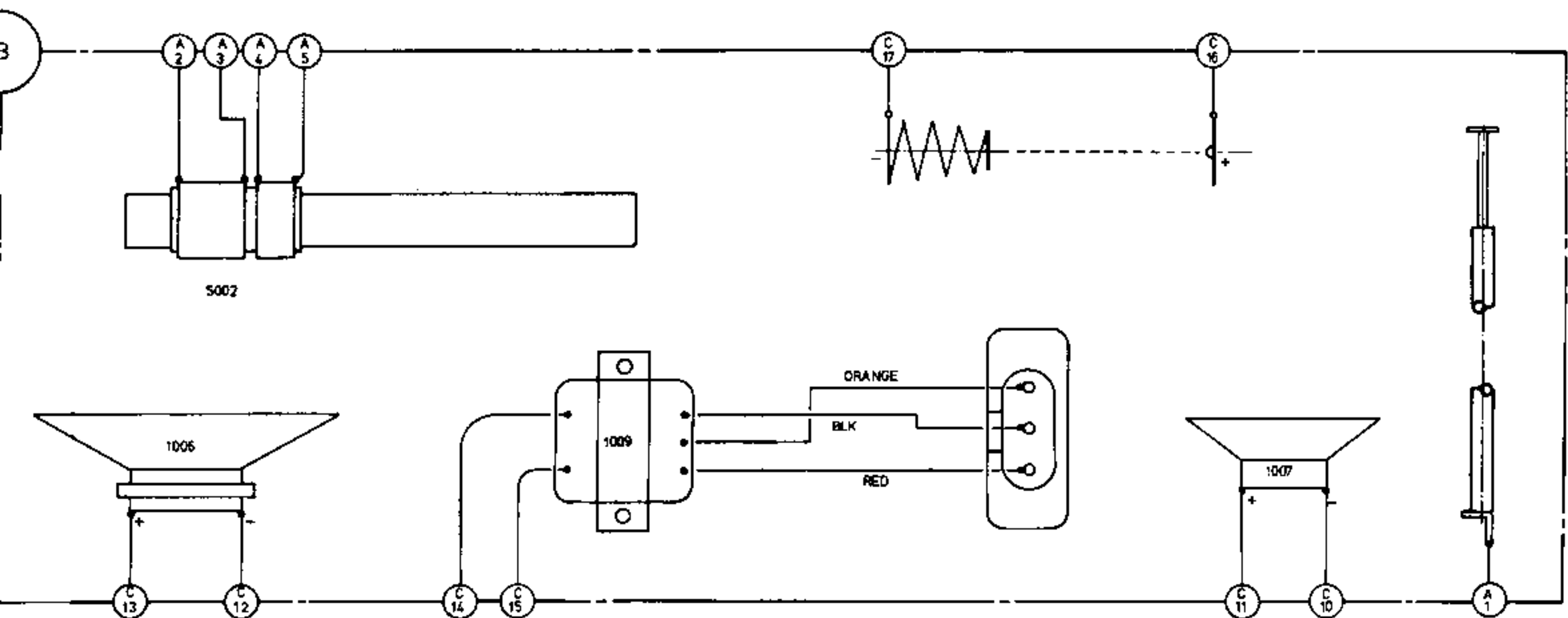
26160
13/5/82



MISC	7021	5021	5023	1002	7111	5022	7011	7101	7016	5006	7122	7058	5003	5048	5001	7051	7052
	5046	1001	7112	7017	7012	5047	5043	5005	5004			7123		5044	7024	7023	7059
	7103	5024	5041	7014	5042	7026		7121						5045	7025		
C	2105	2052	2057	2053	2056	2781	2051	2110	2004	2017	2020	2016	2018	2011	2107	2109	2007
	2104	2064	2058	2055	2061	2054	2062		2012	2015	2021	2019	2103	2006	2111	2551	2796
	2065	2059	2060	2063	2050	2101		2102	2013	2014	2015	2106	2108		2122	2112	2117
R	3057	3054	3051		3101	3053		3014	3013			3125	3004	3112	3058	3111	3122
	3011	3055	3052		3102	3109		3103			3107	3784		3113	3002	3781	3114
	3106	3056	3105		3108							3110		3116	3125	3117	3121

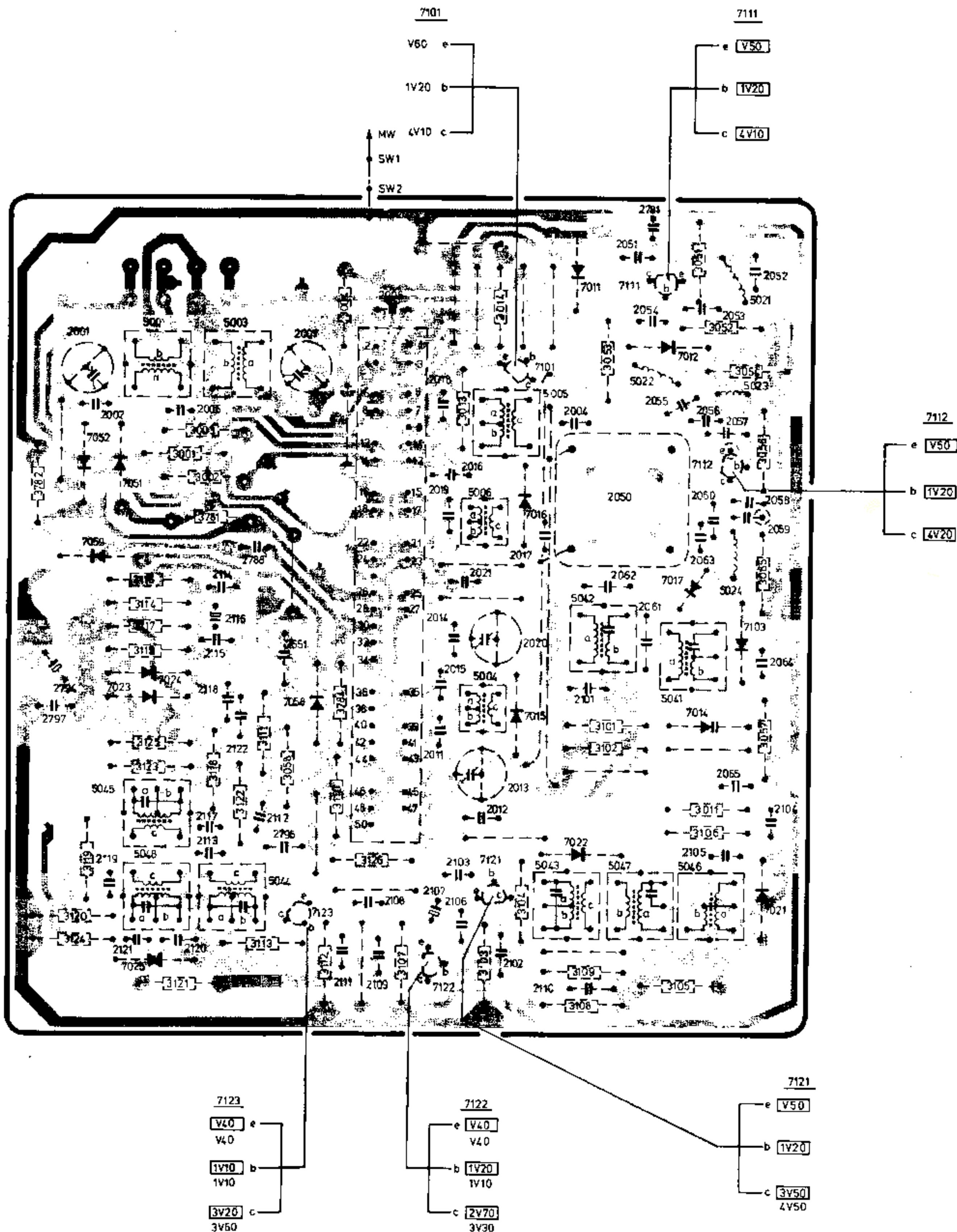


5002	7125	7056	7055	1009	7124	7477	1007	BU-1
1006		7057	1003	7053				
		7054						
2790		2784	2782	2793	2791	2566	2565	2795
		2786	2785	2782		2783	2563	2568
		2787						2552
				3786	3783	3558	3563	3561
							3561	3560
							3559	3553
							3562	3562

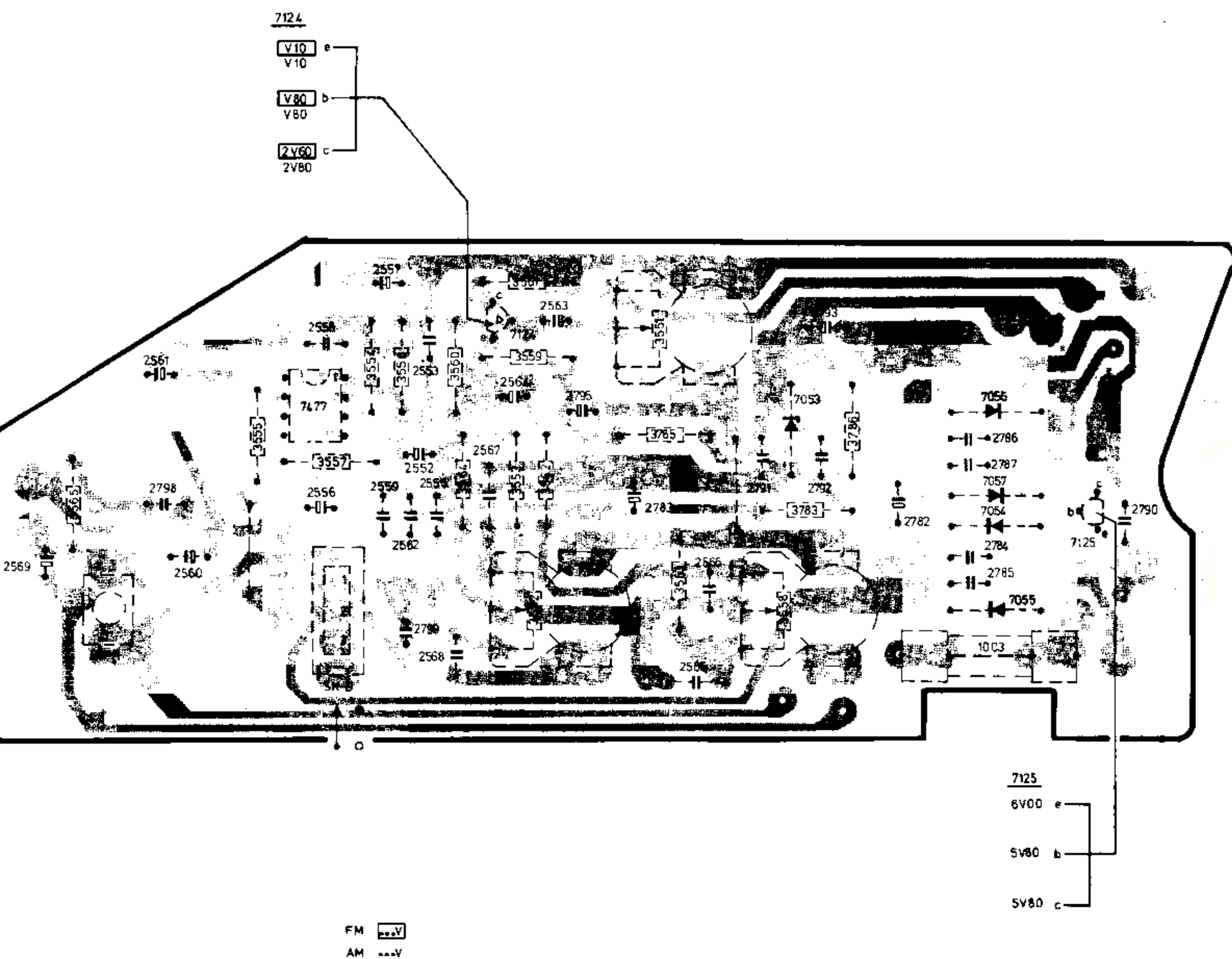


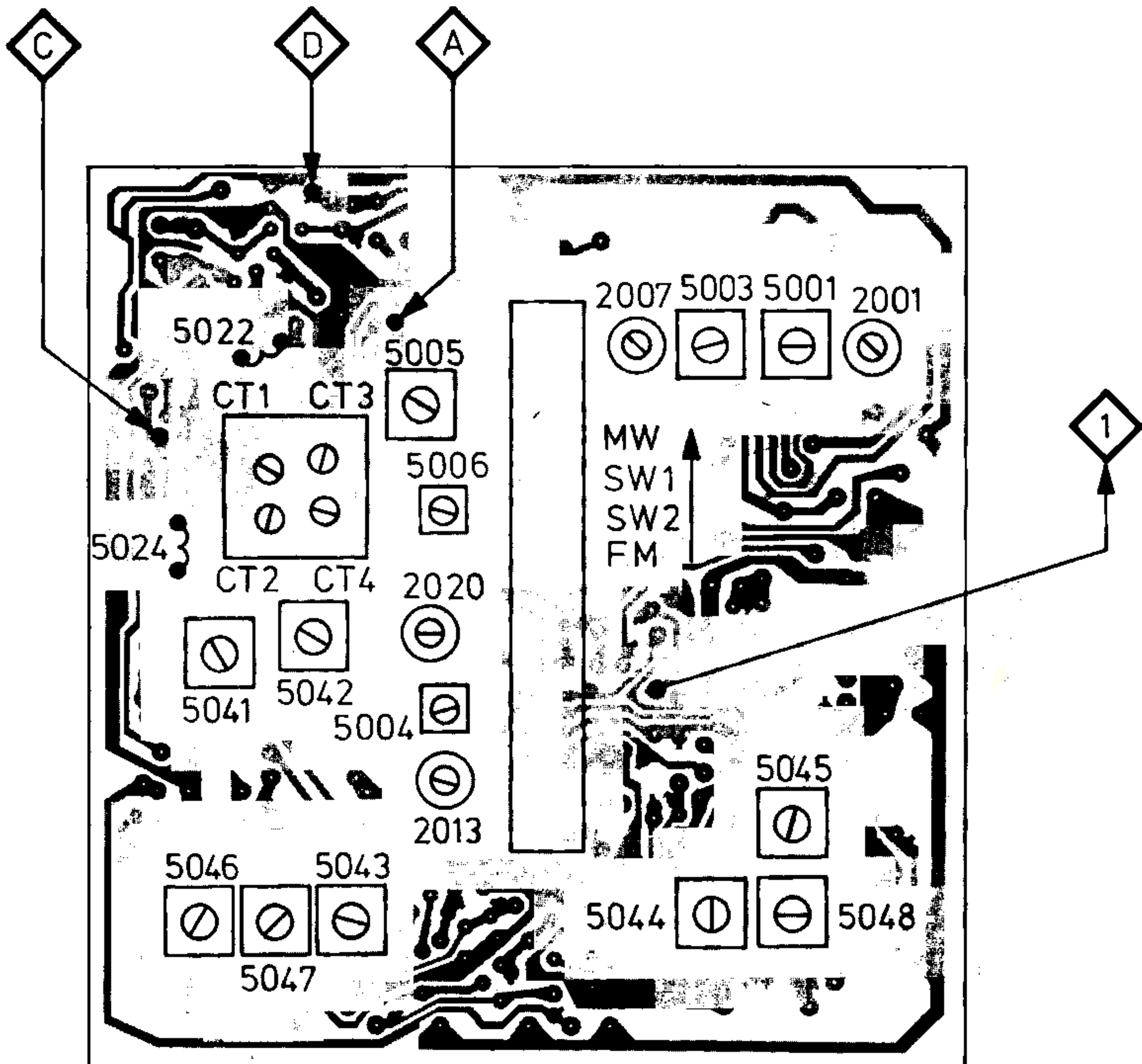
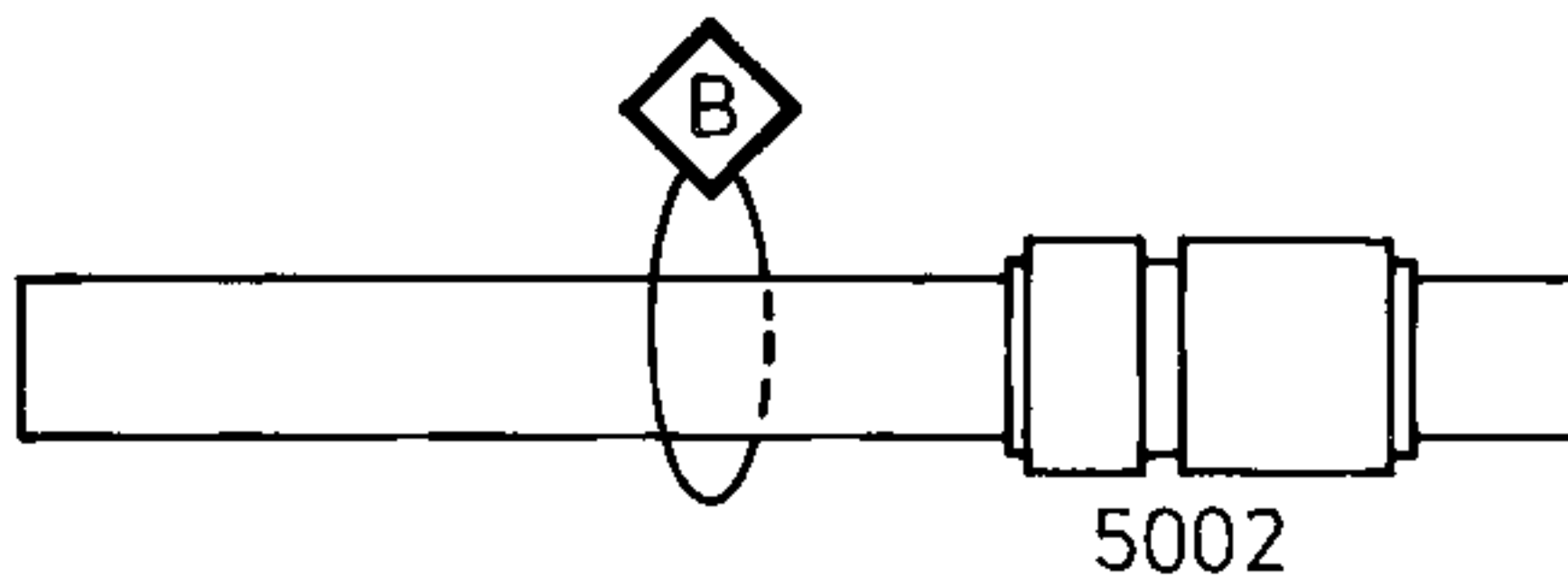
26161
13/5/82

MISC.	7052	7051	5001	5048	5003	5044	7123	7058	7122	5006	5005	7101	7015	7011	5042	7012	7111	5024	5021	1001	7021			
	7059		7024	5045					7121	7016					5043	7022	5022	7017	7014	5023	7103			
			7023	7025					5004							5047	5041	5046	7112					
C	2001	2002	2005	2121	2120	2788	2007	2111	2006	2011	2018	2021	2020	2017	2004	2051	2781	2055	2053	2052	2059	2104		
	2794		2119		2115	2117	2114	2122	2551	2106	2107	2103	2016	2014	2013	2102	2101	2050	2054	2063	2056	2057	2064	2105
	2797				2118	2113	2116	2112	2796		2109	2106	2019	2015	2012		2110	2062	2061		2060	2058	2065	
R	3782		3119	3116	3001	3003	3002	3113		3004	3126	3107	3013	3014	3104		3053	3101		3051	3052	3054	3056	
			3120	3114	3125	3115	3781	3118	3122	3058	3110	3784			3103		3108	3102		3106	3011	3065		
			3124	3117	3123		3121		3111	3112								3109		3105		3057		



BU-1	7477	7124	7053	1003	7057	7125
				7055	7056	
				7054		
2569	2561	2558	2557	2553	2555	2564
	2798	2556	2559	2552	2567	2795
	2560		2799	2562	2568	
3565		3555	3557	3554	3556	3560
				3564	3561	3562
				3569	3552	3551
						3785
						3563
						3558
						3553

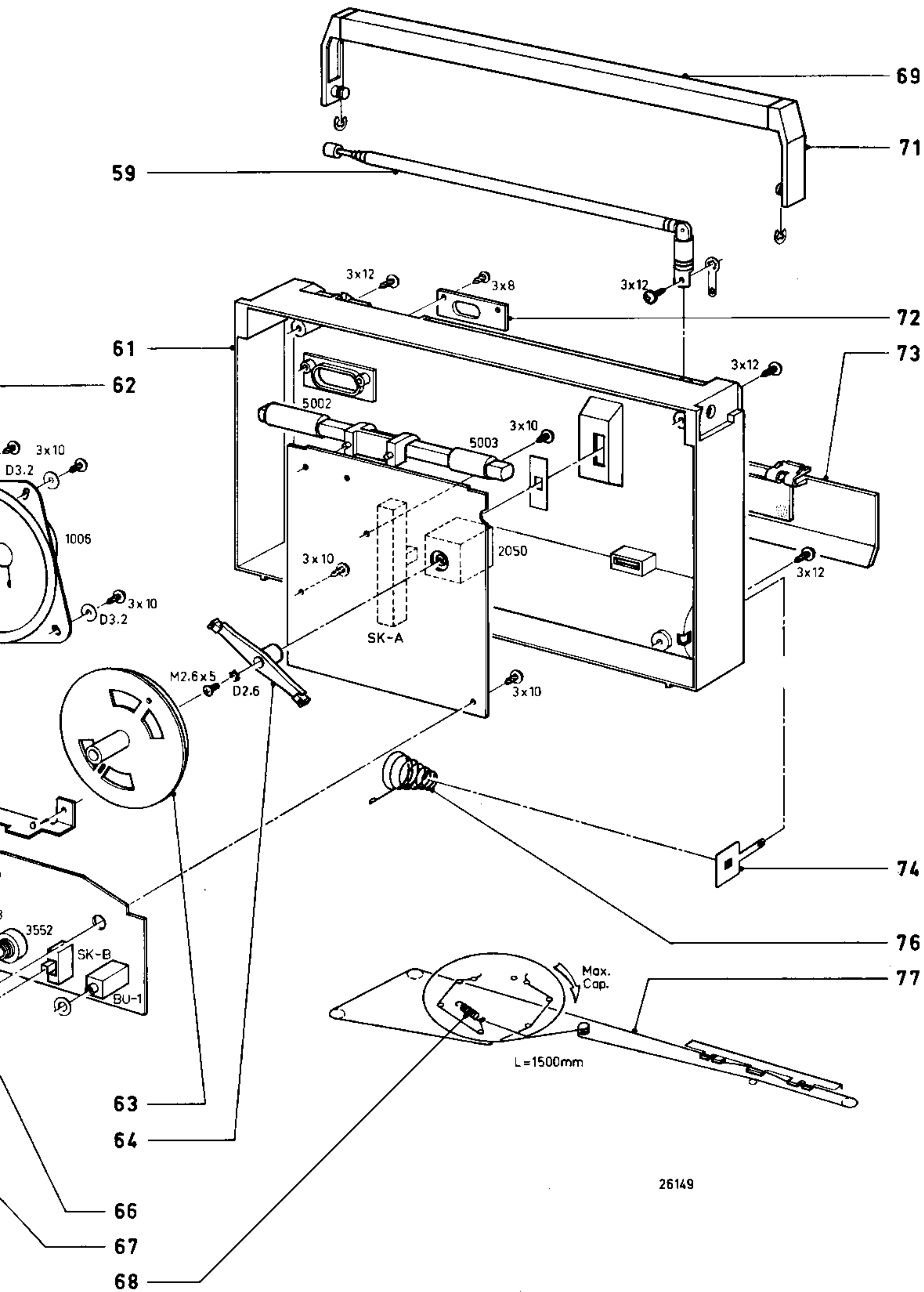


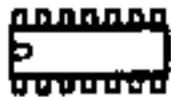


SK-A													
MW/PO 520-1605KHz	*455KHz Δf=10KHz	 via 20nF	min.		5046 5047 5048	↑ ↓	max.	symm.					
	512KHz	 Mod=1KHz	max.		5005	↑ ↓	max.						
	1635KHz		min.		CT4								
	550KHz				5002								
	1500KHz				CT3								
	SW1/OC1 2.3-7.3MHz	2.25MHz	 Mod=1KHz	max.		5006	↑ ↓	max.					
7.45MHz		min.			2020								
2.5MHz					5003								
7.2MHz					2007								
SW2/OC2 9.5-21.75MHz	9.3MHz	 Mod=1KHz	max.		5004	↑ ↓	max.						
	22MHz		min.		2013								
	10MHz				5001								
	21MHz				2001								
FM 87.5-108MHz AFC off	10.7MHz Δf=300KHz (50Hz)	 via 20nF	min.		5041 5042 5043	↑ ↓	max.	symm.					
					5044 5045	↑ ↓			 Max.lin. + symm.				
				#86.5MHz	 Mod=1KHz	max.					5024	↑ ↓	max.
				# 109MHz		min.				CT2			
	88MHz			5022									
	106MHz			CT1									
	↑ Repeat - Herhalen - Répéter - Wiederholen - Repetera - Ricominciare - Gentage - Ghentagelse - Toista												

* 468KHz = /02

87.35-107.5MHz = /02



-IC- 			-SK- 		
7477	TBA820MS	4822 209 80708	SK-A	Bandswitch	4822 277 20823
			SK-B	Power switch	4822 277 20821
-TS- 			-C- -II-		
7101,7111, } 7121÷7123 }	1502C	4822 130 44195	2001	10 pF	4822 125 50062
7112	1502B	4822 130 40947	2002,2064	5 pF ± 0.25 pF	4822 122 40195
7124	1402B	4822 130 40948	2060	6 pF/50 V	4822 122 40182
7125	2SB324A-F	4822 130 41935	2016	360 pF 5%	4822 121 41289
			2017	20 pF 5%	4822 122 40142
			2050	Varco	4822 125 20234
			2056	4 pF ± 0.25 pF	4822 122 31043
			2058,2113	36 pF 5%	4822 122 40343
			2065	47 nF Y5 V	4822 122 40205
			2555÷2559	100 nF Z5 V	4822 122 40322
-D- 			-R- 		
7012,7013	1N60	4822 130 31386	3551	50 kD (volume)	4822 101 30457
7014	FV1043	4822 130 30845	3552,3558	50 kA (tone)	4822 101 20624
7020,7021	CDG00	4822 130 30702			
7023÷7025	2-1k60	4822 130 31232			
7051,7052	CDG24	4822 130 30702			
7053	BZX79/C5V1	4822 130 34233			
7054÷7057	1N4001	4822 130 31438			
-S- 			-Miscellaneous-		
5001	SW2 Ant. coil (black)	4822 157 50951	BU-1	Earphone	4822 267 30241
5002	MW bar assy	4822 526 10234	1001	Ring	4822 526 10011
5003	SW1 Ant. coil (black)	4822 156 30515	1002	Bead	4822 526 10233
5004	SW2 osc. coil (blue)	4822 156 30908	1003	Fuse 500 mAT	4822 253 30017
5005	MW osc. coil (red)	4822 156 30906	1006	Speaker 4 Ω	4822 240 40076
5006	SW1 osc. coil (green)	4822 156 30907	1009	Mains transformer	4822 145 30281
5023	0.7 μH	4822 153 10341			
5024	FM osc. coil	4822 157 51497			
5041,5042	IFT FM (orange)	4822 156 30439			
5043,5045	IFT FM (blue)	4822 153 50201			
5044	IFT FM (pink)	4822 153 10236			
5046	IFT AM (yellow)	4822 156 40609			
5047	IFT AM (white)	4822 153 10279			
5048	IFT AM (black)	4822 153 10281			

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.

SF

Korjatussa laitetta on turvallisuussyistä ehdottomasti eneteltävä oikein ja käytettävä tehtaan määräämiä alkuperäisvaraosia.

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.

S

Säkerhetsbestämmelserna kräver att varje reparation skall utföras korrekt med hänsyn till ursprunglig placering av komponenter, ledningar etc. och med användning av föreskrivna reservdelar.

DK

Myndighedernes sikkerheds- og radiostøjbestemmelser kræver, at enhver reparation skal udføres korrekt m.h.t. overholdelse af originalplacering og montering af komponenter, ledningsbundter, etc. og ved anvendelse af de foreskrevne reservedele.

N

Sikkerhetsbestemmelser kreves at apparatet blir gjenopprettet til original utførelse og at deler som er identiske med de som er spesifisert, blir benyttet.