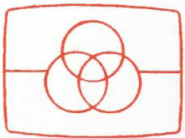


Service
Service
Service

Clockradio D3410

/00/01/10/11/14/20

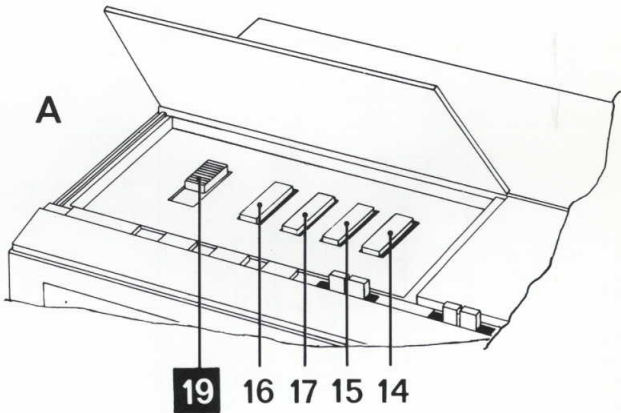
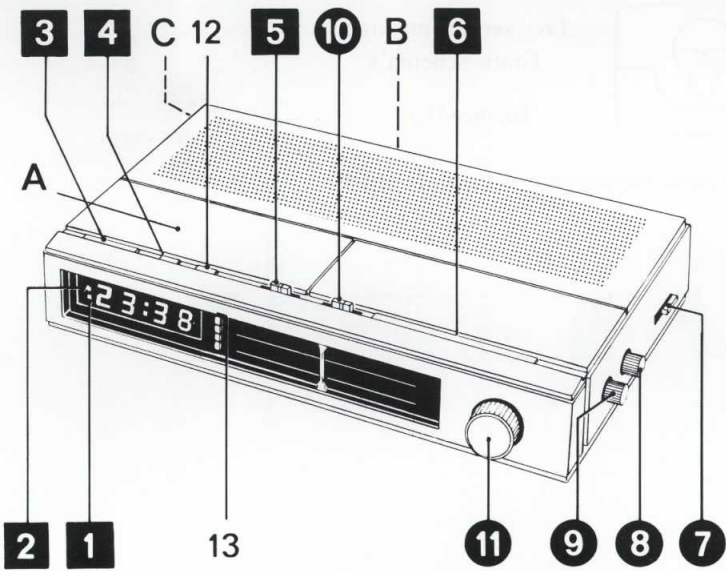


Free service manuals
Gratis schema's

Digitized by

www.freeservicemanuals.info

Service Manual



1. Radio alarm 'on' indicator (alarm 'on' indicator in 12-hour)
2. Buzzer alarm 'on' indicator (PM indicator in 12-hour)
3. Touch control for switching off the alarm (24-hour alarm)
4. Touch control for checking the alarm time
5. Alarm 'on/off'
6. Touch control 'repeat alarm/slumber off'
7. Wave-range selector
8. Tone control

9. Volume control
10. Radio 'on/off'
11. Tuning control
12. 'Slumber' touch-control
13. Automatic Brightness Control (ABC)
14. Control for adjusting the day time
15. Control for adjusting the alarm time
16. Time set, fast
17. Time set, slow
19. Alarm selector: radio/buzzer

A. Lid covering adjustment controls
B. Earphone connection

C. Battery compartment

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



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

Subject to modification

4822 725 14635

Printed in The Netherlands

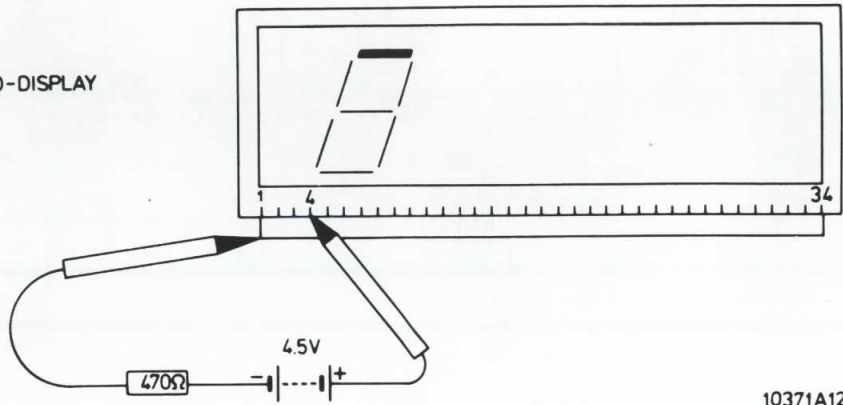
PHILIPS

World of free manuals

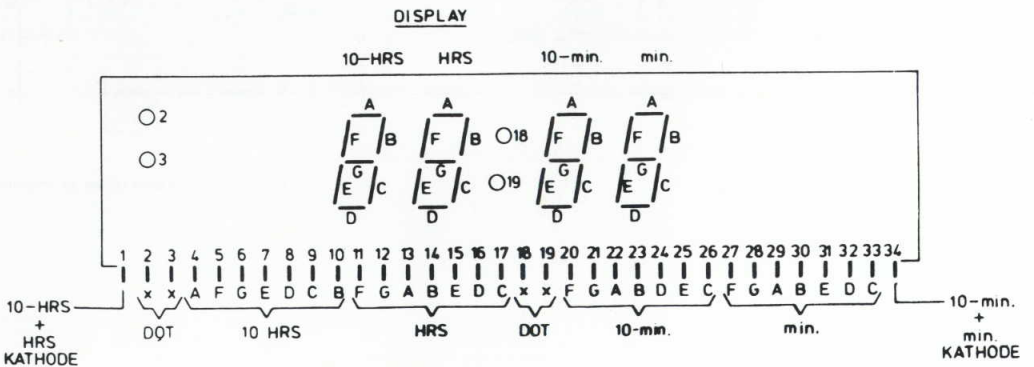
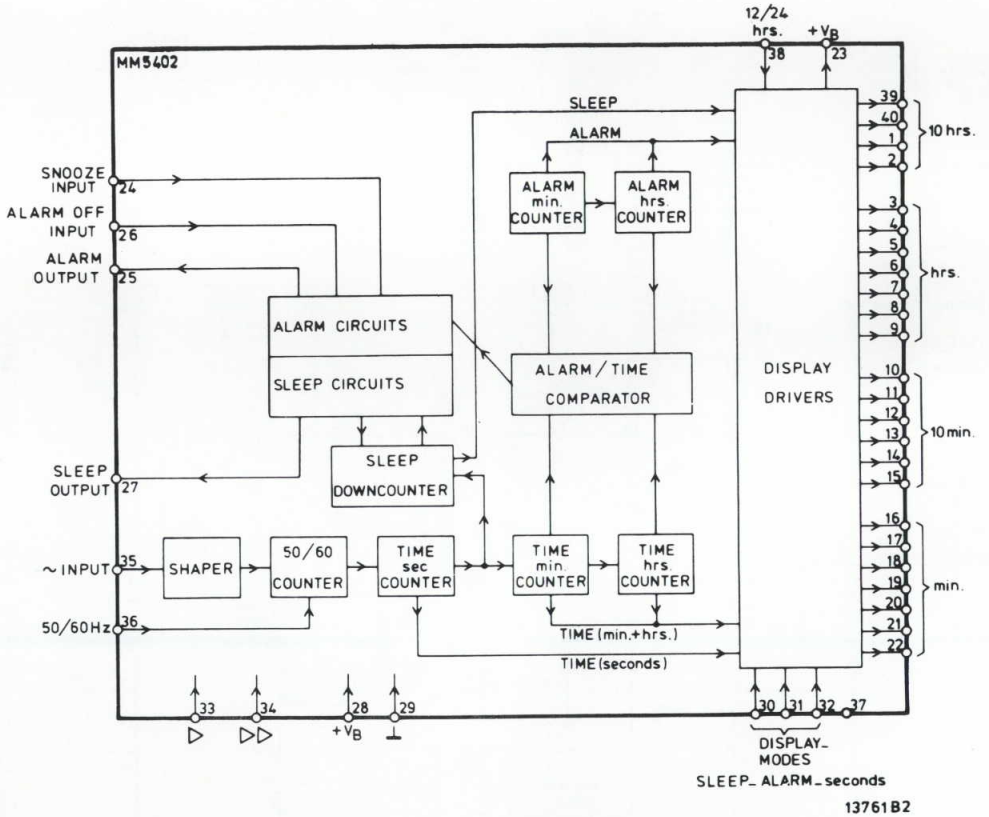
MW/PO : 520-1605KHz (577-187m)
FM : 87.5-108MHz
IF/FI AM : 468KHz
455KHz -/01/10/11/20
IF/FI FM : 10.7MHz

Mains/secteur : 220V 50Hz
240V 50Hz -/10
110V 60Hz -/20
Output/sortie : 450mW±1dB
(THD=10%)
Clock : 24 hr
12 hr -/01/10/11/20

CHECK LED-DISPLAY

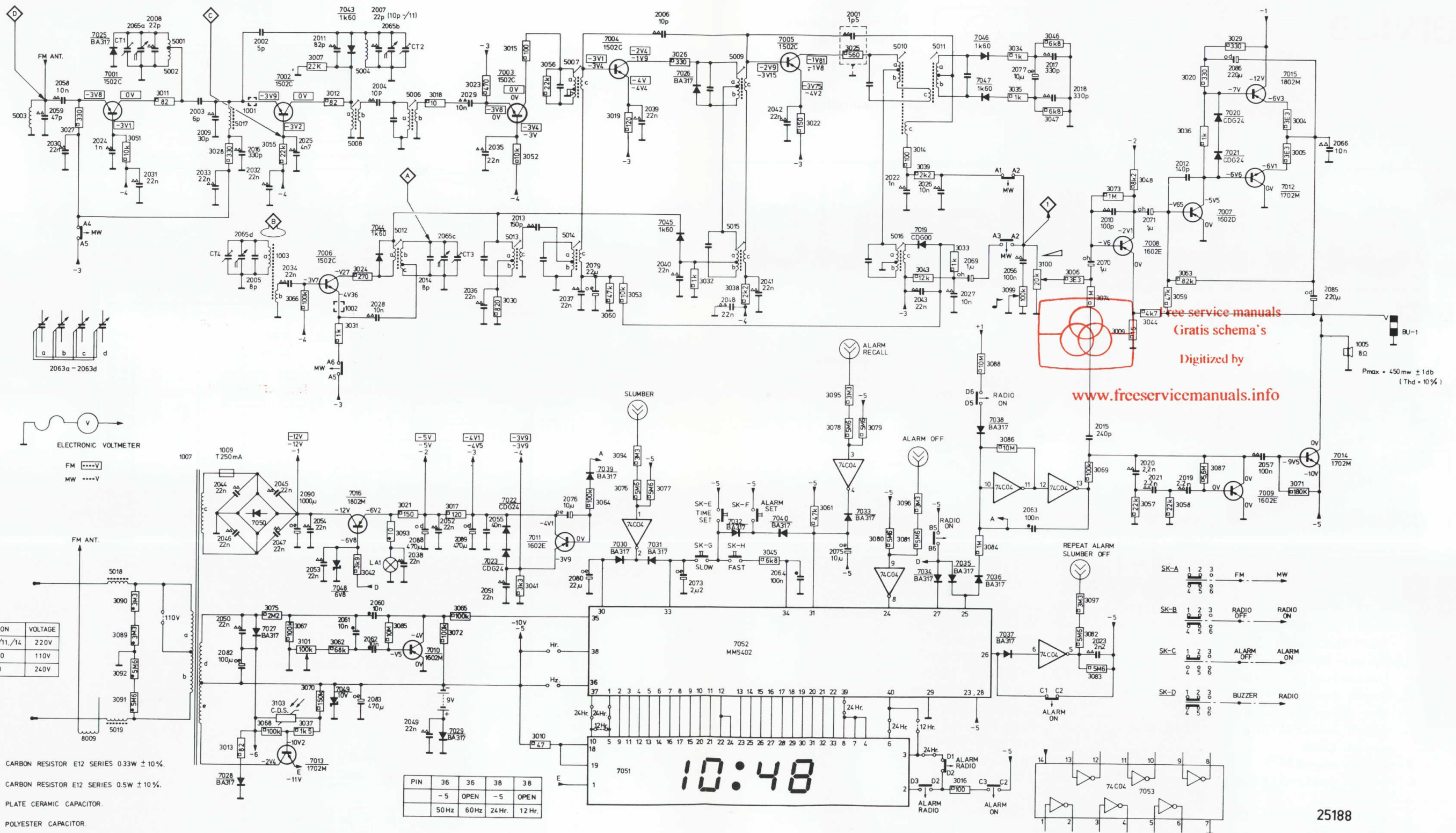


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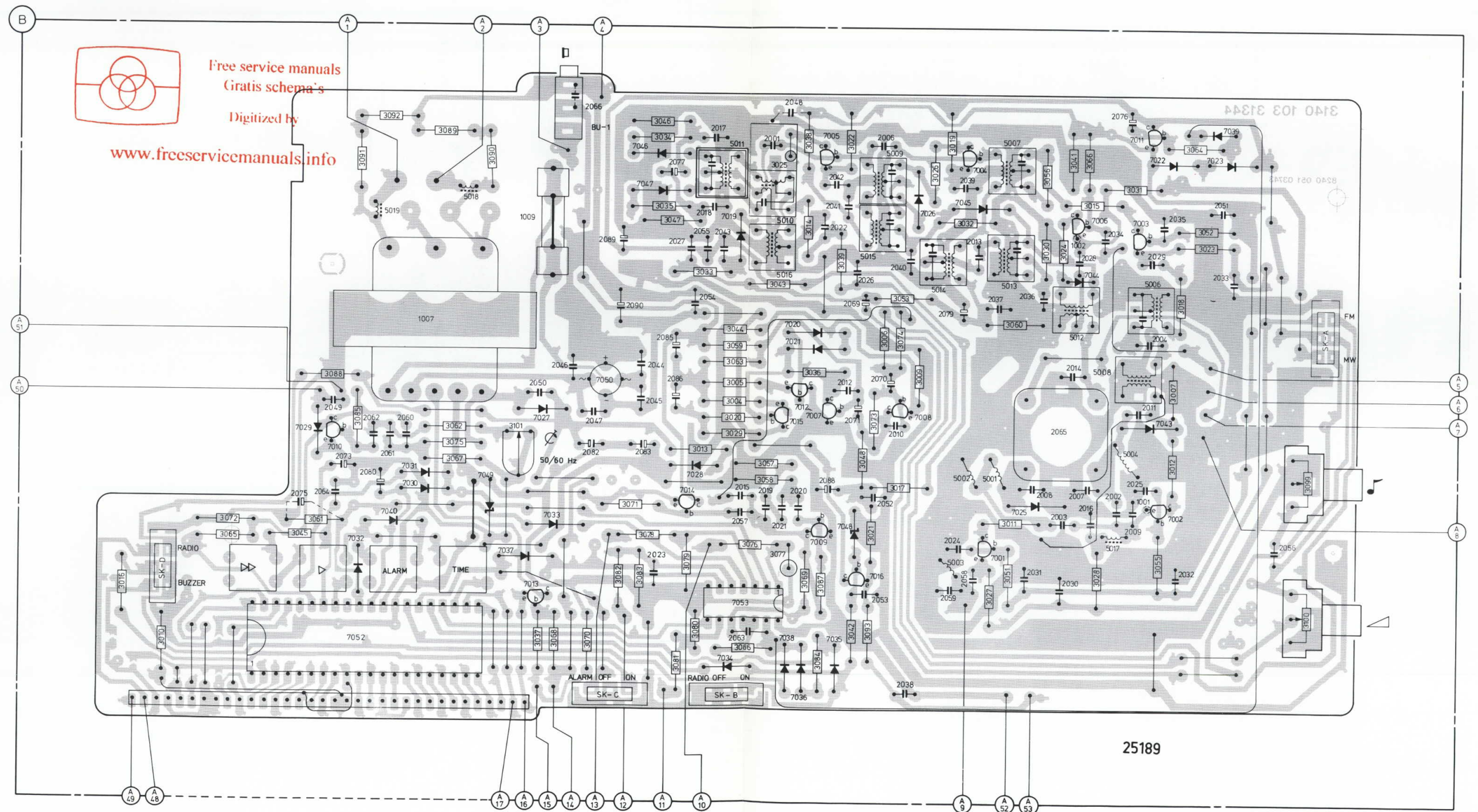
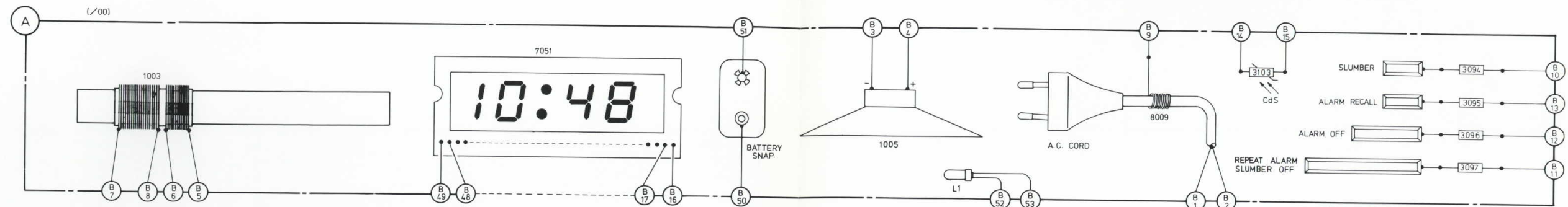


12258B12

MISC.	5003	7025	7001	5018	5001	1007	5017	1001	7002	7013	7043	5004	7044	5006	7029	7003	5013	5007	5014	7004	7030	7031	7026	5009	7052	7005	7040	7033	5010	5016	5011	7035	7046	7038	7008	7007	7020	7015	1005						
		8009	5019	5002				1009	1003	7006	5008	7049	5012	7010	7023	7022	7011	7039	7045	7032	5015	7032			7019	7034	7047	7037						7053		7021	7012	7014							
C	2059	2058	2024	2008	2003	2065d	2050	2016	2032	2025	2011	2053	2007	2028	2083	2014	2029	2036	2055	2013	2035	2037	2079	2006	2040	2039	2073	2048	2042	2064	2001	2022	2026	2069	2077	2017	2018	2070	2020	2071	2012	2086	2057	2085	
	2030		CT1	2065g	2031	CT4	2009	2082	2002	2046	2034	2054	2061	2004	2038	2065c	2049	2052	2089	2051										2042	2041				2027	2056	2063	2015	2023	2020	2021	2019	2086	2057	2085
R																																													
	3027	3051	3011		3028		3055	3066	3012	3031	3024		3018	3017	3052	3015	3056	3010	3064	3019	3053	3026	3032	3038		3022	3061	3025	3080	3014	3039	3033	3088	3034	3046	3006	3074	3073	3048	3009	3020	3063	3029	3071	3004
		3090	3092				3013	3075	3067	3010	3062	3042		3021	3065		3023	3041		3060	3094	3077			3045		3095	3079				3096	3043	3016	3086	3035	3047	3097	3069	3057	3036	3059	3087	3005	
		3089	3091				3007	3068	3103	3037	3070	3085		3093	3066		3030																			3100	3082	3083		3044	3058				

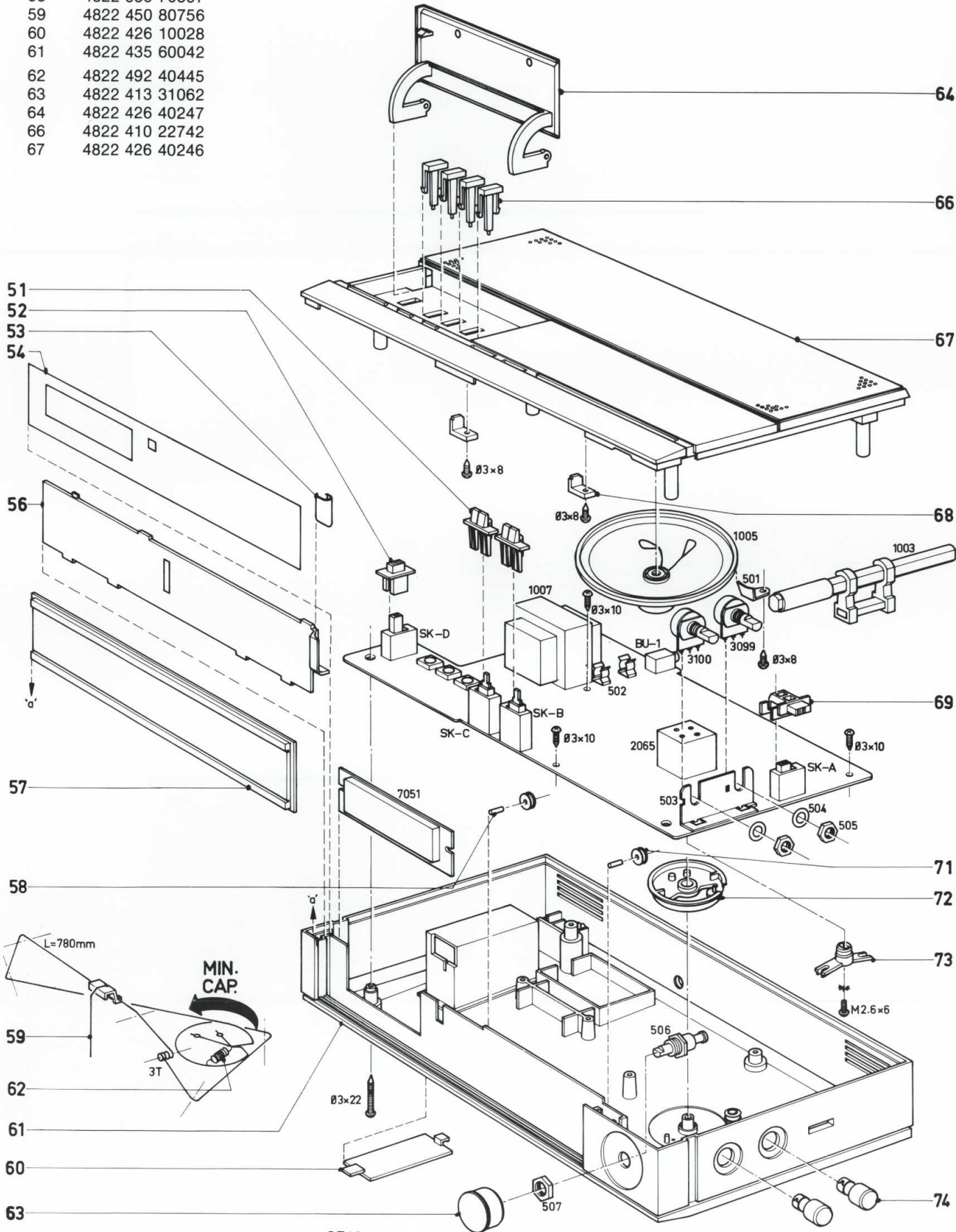


MISC.	1003																																								7029	7010	5019	7040	1007	5018	7049	7051	7027	1009	7050	7046	7014	5011	7019	1005	7012	7005	7007	7035	5009	7008	7004	5003	7001	7025	1002	8009	5017	7043	7002	5008	7023	7039
																	7052	7031	7037				7033	7047				7028	7034	7053	5010	7015	7020	7009	7016	5015	7026	7045	5002	5001	5007	7044	7006	7011	1001	5004	7003																											
																	7032	7030					7013					5016	7038	7021	7036	7048	L1	5014					5013	7022	5012	5006																																
C																	2049	2073	2062	2061	2060					2050	2046	2047	2089	2044	2077	2018	2057	2001	2019	2021	2069	2042	2012	2006	2040	2059	2058	2031	2008	2030	2007	2002	2025	2032	2034	2011	2051	2033	2056																			
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R	3016	3010	3072		3045	3061	3091	3092	3089		3062	3090	3101	3037	3068	3070	3071	3046	3035	3013	3033	3063	3020	3076	3043	3014	3036	3039	3022	3006	3053	3027	3051	3056	3028	3041	3055	3012	3064	3052	3099																																	
			3065		3088		3085					3075			3082		3034	3047	3079	3044	3005	3029	3058	3025	3077	3069	3042	3093	3073	3009		3026	3011	3060	3030	3024	3066	3018	3023	3100																																		
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MECHANICAL PARTSLIST

51	4822 411 60825	68	4822 403 51553	74	4822 413 31062
52	4822 410 27743	69	4822 411 60826		
53	4822 255 30089	71	4822 528 80857		
54	4822 466 70453	73	4822 528 80858		
56	4822 381 10603	73	4822 528 20349	56	4822 333 10045 (/01/10/11/20)
57	4822 381 10604				
58	4822 535 70597				
59	4822 450 80756				
60	4822 426 10028				
61	4822 435 60042				
62	4822 492 40445				
63	4822 413 31062				
64	4822 426 40247				
66	4822 410 22742				
67	4822 426 40246				



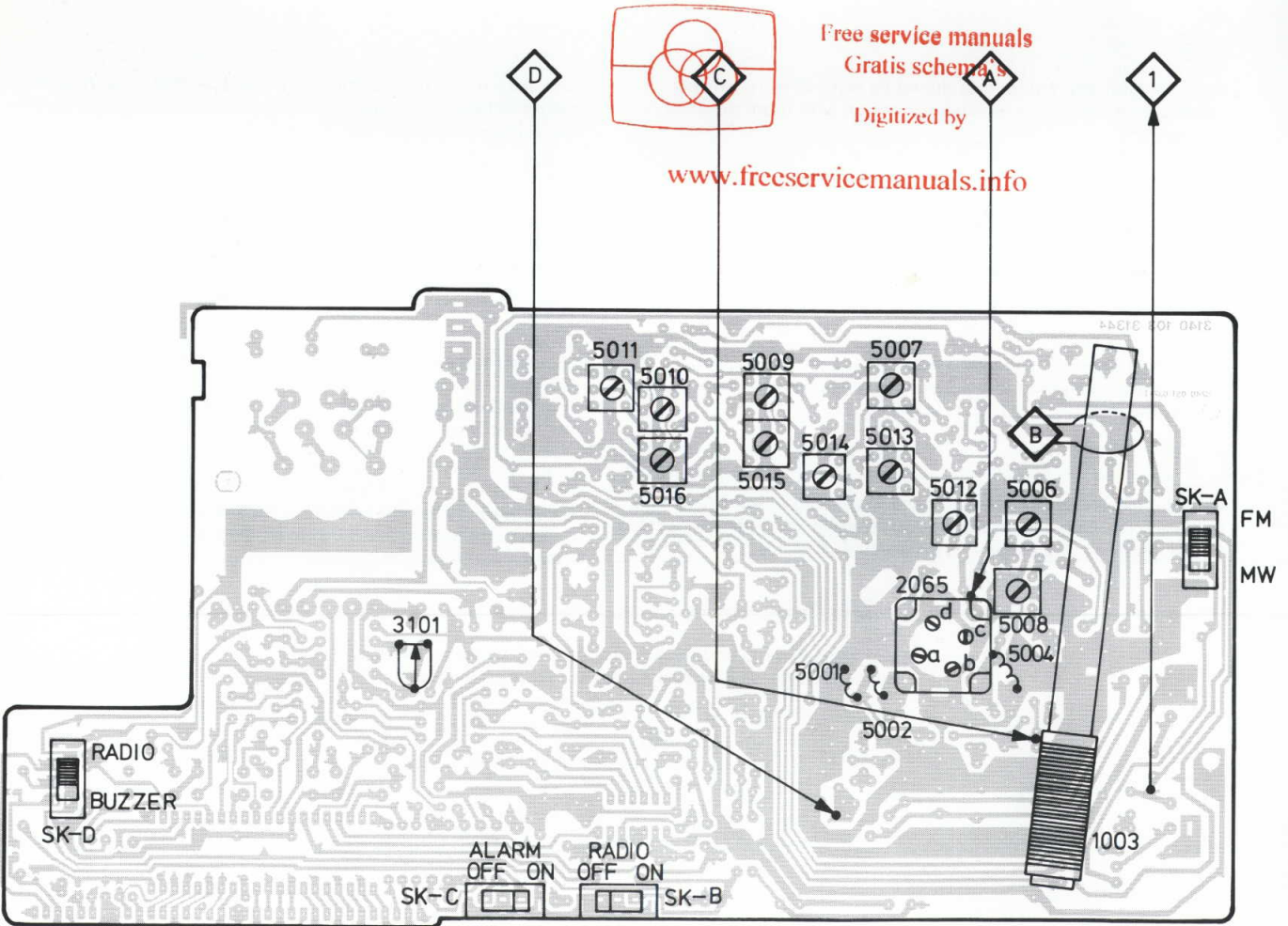
CS 80 155

25191

MW/PO (520-1605KHz)	468KHz* via 10nF	A	min.	1003	5013,5014 5015,5016	1	max.	symm.				
	512KHz	B	max.		5012	1	max.					
	1635KHz		min.		CT4							
	550KHz				1003							
	1500KHz				CT3							
FM 87.5-108MHz	10.7MHz via 10nF	C	min.	5010 5011	5006,5007 5008 5009	1	max.	symm.				
									5010 5011	1		max.lin. + symm.
	86.5MHz	D	max.		5004	1	max.					
	109MHz		min.		CT2							
	88MHz				5001,5002							
	106MHz				CT1							
	Clock freq. AC=0V,DC=9V					3101	2	f 2=50/60Hz				

Repeat

* -/01/10/11/20=455KHz



25192

-CAPACITORS- 			-COILS- 		
2065	varco	4822 125 30027	1003	MW ant coil	4822 526 10218
2002	cer. 5 ±¼P	4822 122 31599	5006,5007	FM 1st IFT	4822 156 30844
2003	cer. 6 ±¼P	4822 122 40182	5008	FM 2nd IFT	4822 157 51323
2009	cer. 30P ±5%	4822 122 40099	5009	FM 3rd IFT	4822 153 50198
2014	cer. 8±½P N150	4822 122 31603	5010	FM detector, pri	4822 153 10337
2015	cer. 240P ±10%	4822 122 40319	5011	FM detector, sec	4822 156 30818
-SEMICONDUCTORS-   			5012	MW osc. coil	4822 157 51337
			5013,5014	AM 1st IFT	4822 153 10287
7001-7006	1502C	4822 130 44195	5015	AM 2nd IFT	4822 157 51319
7007	1602D	4822 130 41434	5016	AM 3rd IFT	4822 156 30817
7008-7011	1602E	4822 130 41457	5017-5019	IF trap coil	4822 153 10341
7012-7014	1702M	4822 130 44121	-MISCELLANEOUS-		
7015,7016	1802M	4822 130 44104			
7019	CDG00	4822 130 30702	SK-A	band SW., 2P2T	4822 277 20765
7020-7023	CDG24	4822 130 30702	SK-B,C	slide SW., 2P2T	4822 277 20766
7025-7040	BA317	4822 130 30847	SK-D	slide SW., 2P2T	4822 277 20767
7043-7047	2-1k60	4822 130 31232	BU-1	earphone jack	4822 267 30332
7048	zener 6V8	4822 130 34278	SK-E to H	bubble SW.	4822 278 90433
7049	zener 10V	4822 130 34297	LA1	lamp 8V 60mA	4822 134 40405
7050	40V 0.8A Recti	4822 130 50321	1005	spkr., 92mm 8ohm	4822 240 30199
7051	display	4822 130 90094	1007	transformer	4822 146 20688
7052	MM5402N IC	4822 209 10024	1007	transformer -/10	4822 146 20696
7053	MM74C04N IC	4822 209 80355	3099	VR 100KA, tone	4822 101 30384
			3100	VR 20K10AM vol.	4822 101 10358
			3101	VR 100K preset	4822 100 10429
			3103	CDS element	4822 116 10019

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

Korjatessa laitetta on turvallisuussyistä ehdottomasti eneteltävä oikein ja käytettävä tehtaan määäämiä 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 specificiati.

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.