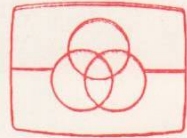


Clockradio D3170/00/02

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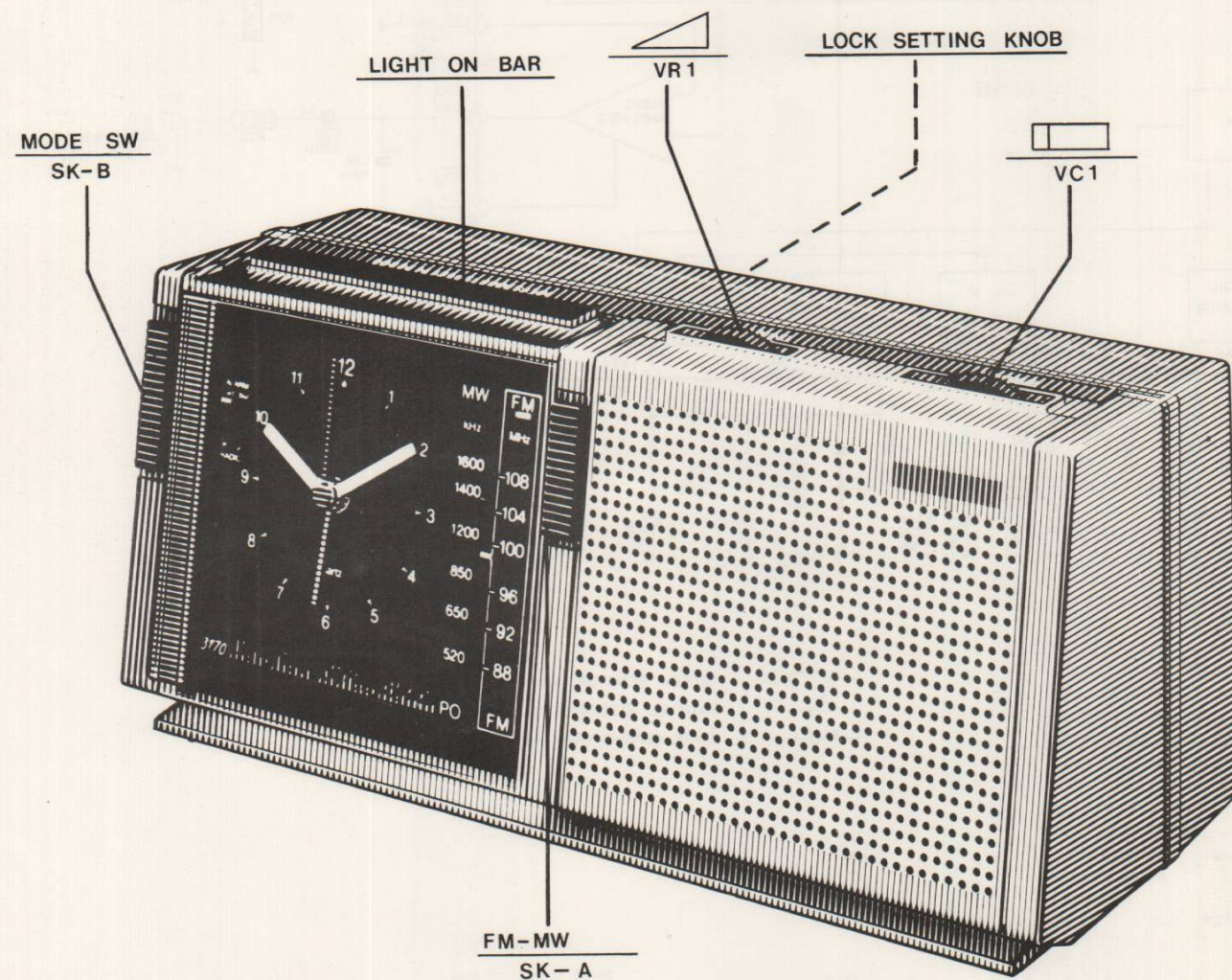
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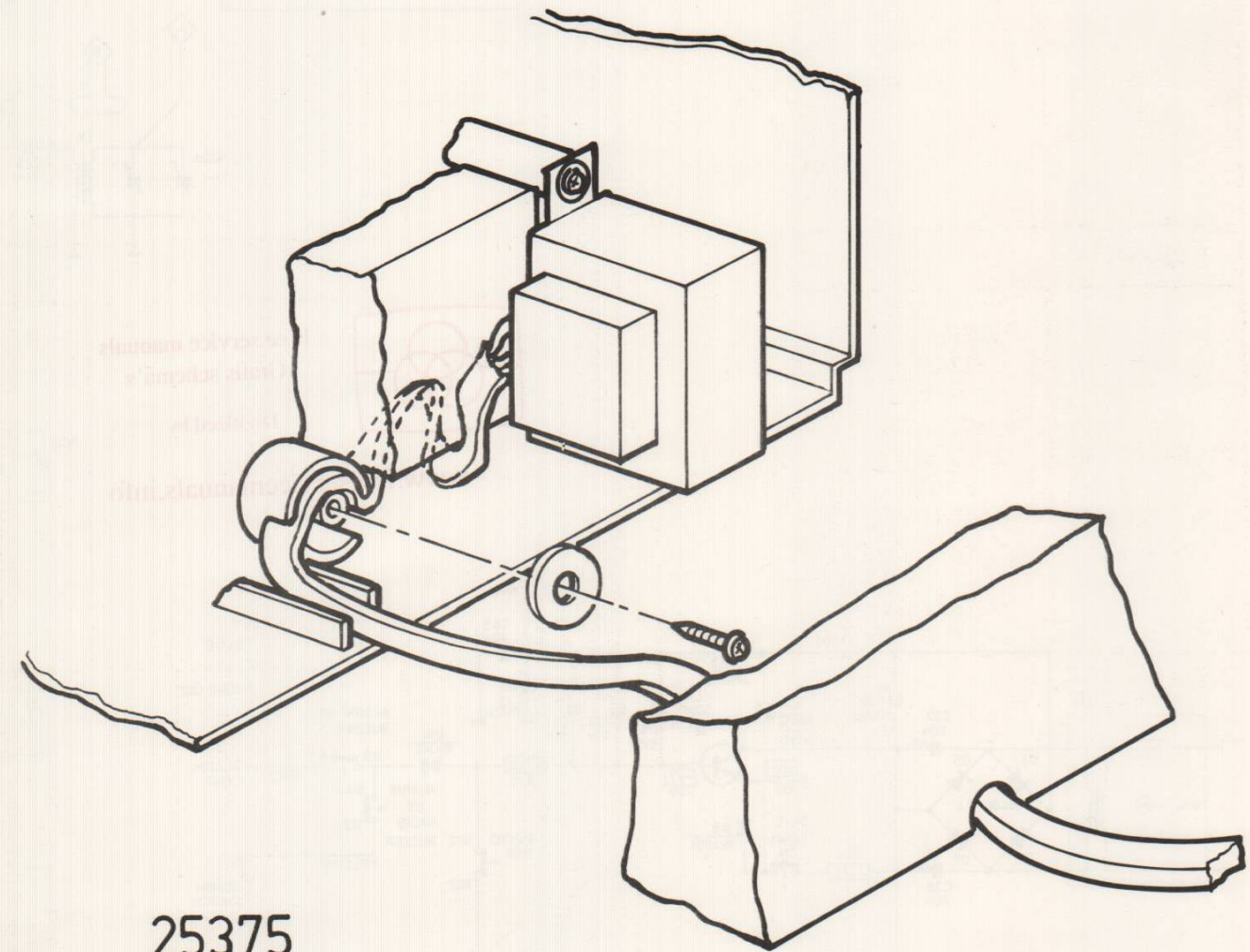
Specifications

FM : 87.5-108 MHz
MW : 525-1606.5 KHz
IF-AM : 468 KHz
FM : 10.7 MHz
🔊 : 8 Ω 200mw $\pm$ 1dB
🔌 : 200V 50Hz
🔋 : 1.5V (R6)

Service Manual



Mains Cord Routing



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

Subject to modification

4822 725 20513

Printed in The Netherlands

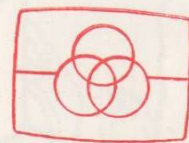
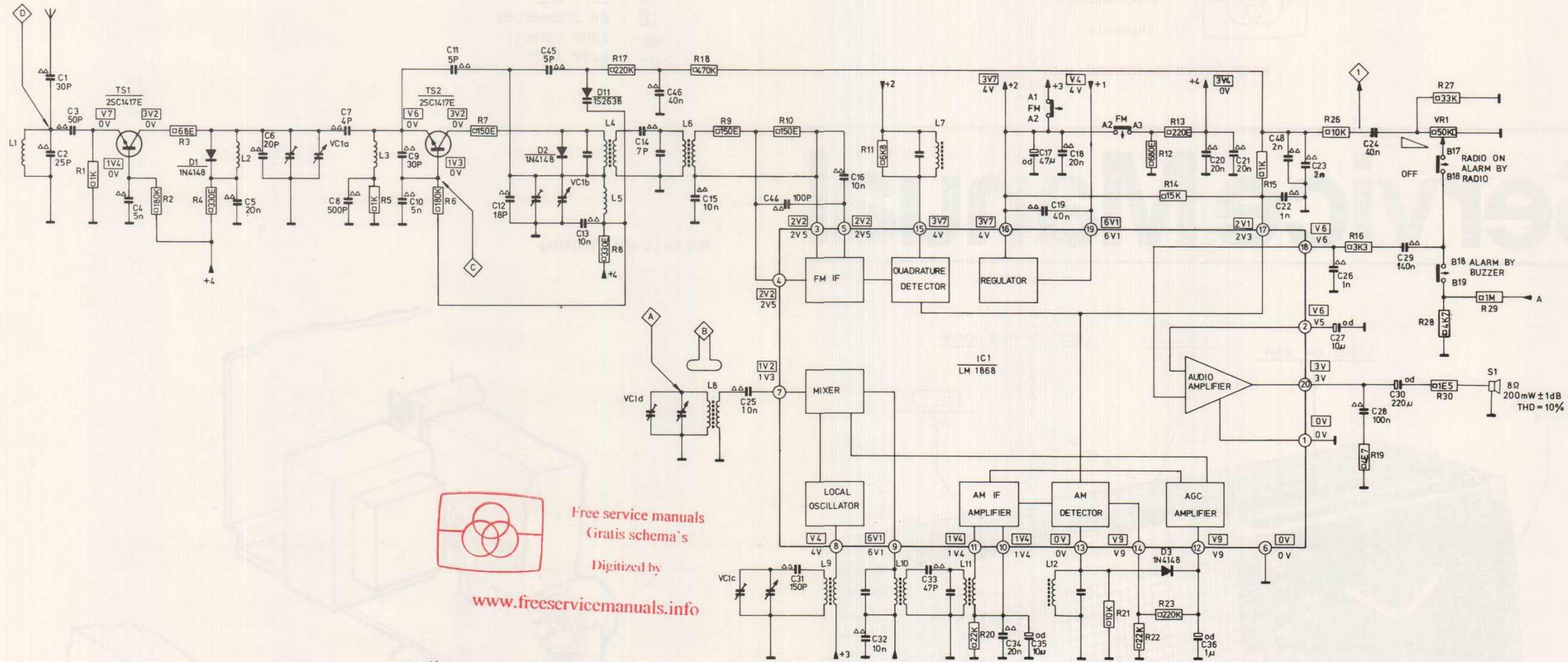


"Pour votre sécurité, ces documents doivent être utilisés par des spécialistes agréés, seuls habilités à réparer votre appareil en panne".

PHILIPS

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Service Consumer Electronics

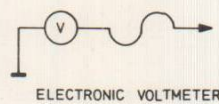
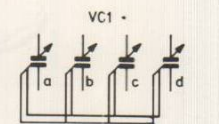
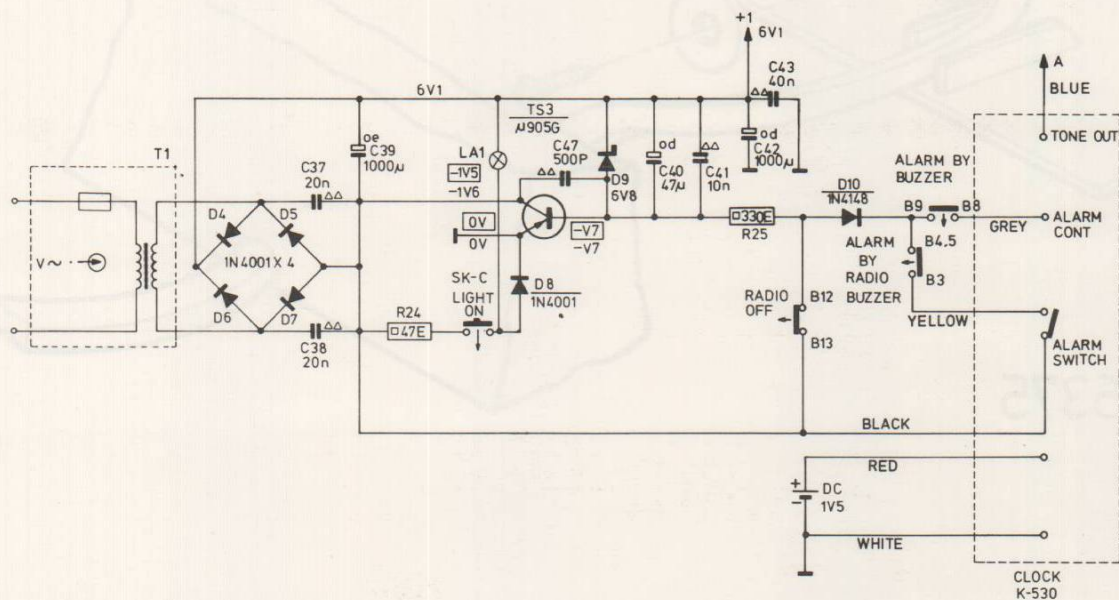
MISC.	L1	TS1		D4	D5	D1		L2	SK-C		TS3	VC1a	L3	TS2		D2		D11	L4	L6		VC1c		L7		IC1		D3		VR1	S1						
MISC.	T1		D6		D7				LA1		D8	D9			D10	VC1b		L5	VC1d	L8				L9	L10		L11			L12							
C	C1	C3	C4	C37		C5		C6			C7	D9	C9	C11		C45	VC1b		L5	VC1d	C46		C44		C16			C17	C18	C20	C21	C22	C23	C24	C26	C29	
C	C2			C38		C39			C47		C8	C40	C10	C41	C42	C43	C12	C13		C14	C15	C25	C31	C32	C33	C34	C35	C19	C36		C48		C27	C28	C30		
R	R1			R2	R3	R4					R5		R6		R7	R8		R17	R18	R9	R10		R11		R12		R13	R15		R16		R30					
R						R24						R25		R7		R8		R17	R18	R9	R10		R11		R20		R21		R22	R23	R14	R26		R19	R28	R27	R29



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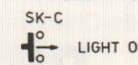
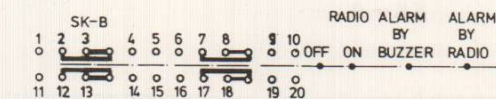
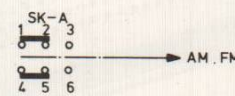
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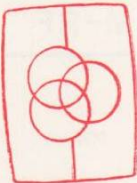
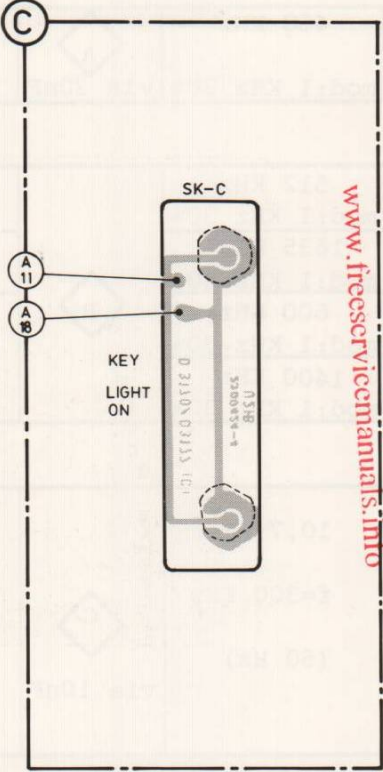
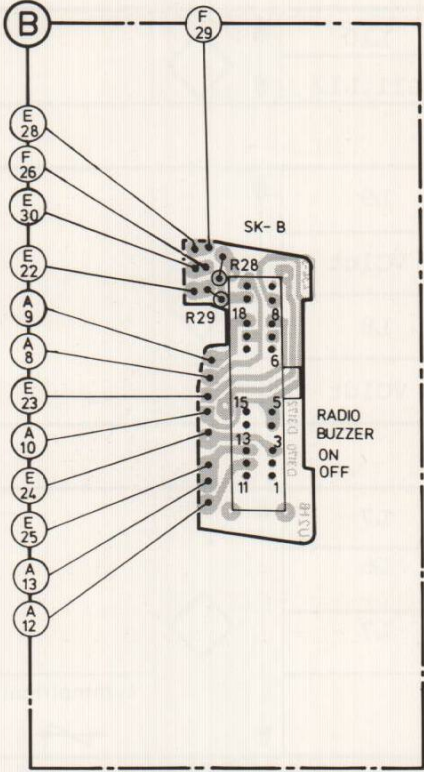
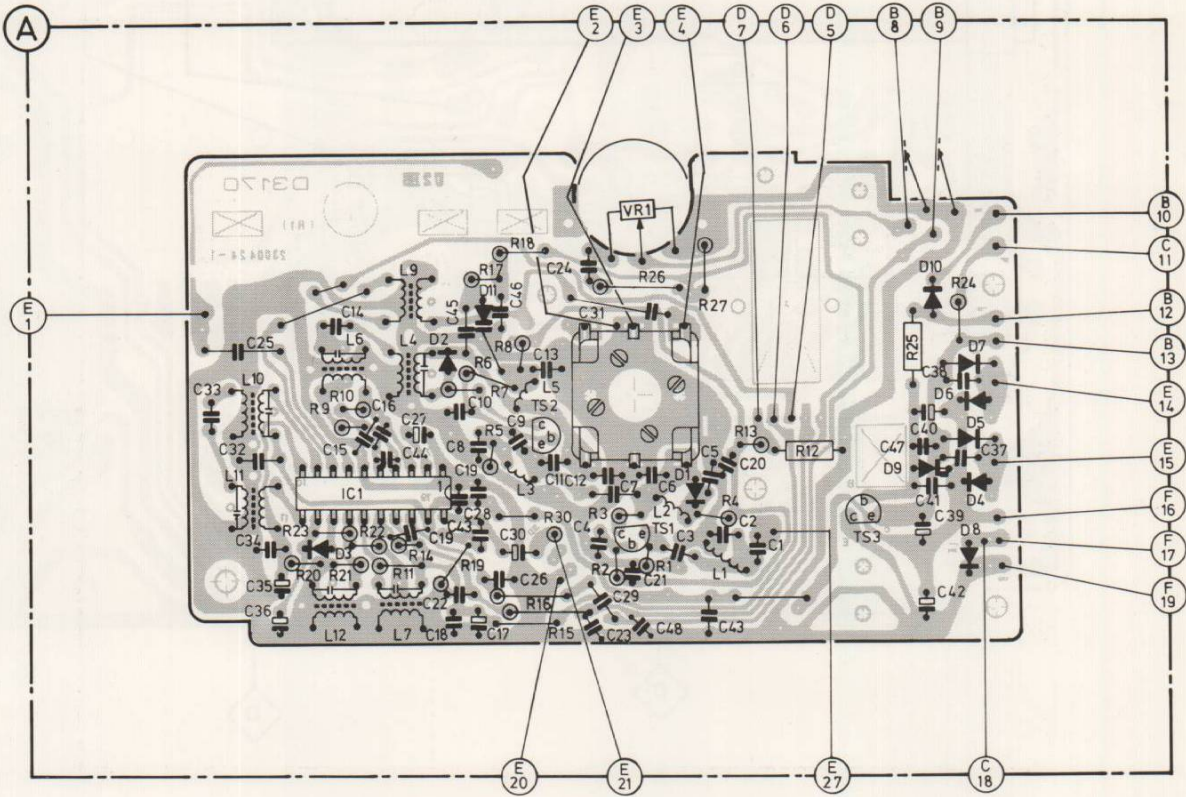
THIS CIRCUIT HAS BEEN DRAWN IN POSITION AM

CARBON RESISTOR 0.33W ± 5%
MINIATURE ELECTROLYTIC CAPACITOR *d=10V e=16V
PLATE CERAMIC CAPACITOR



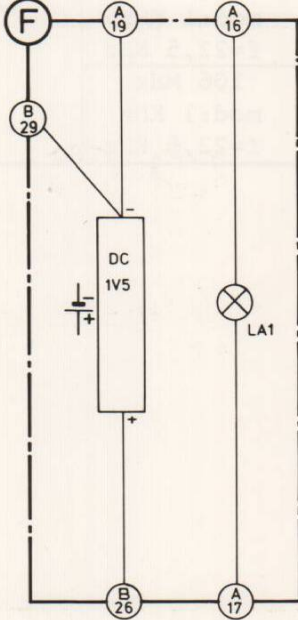
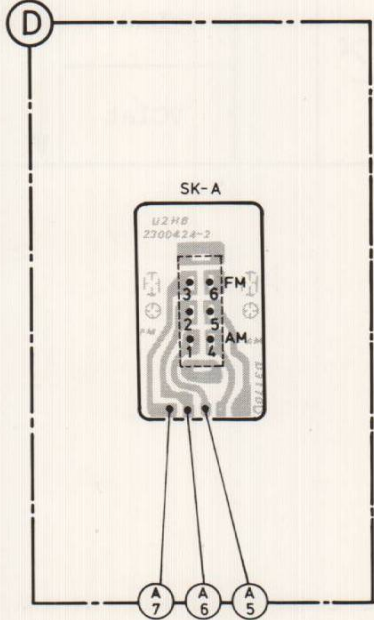
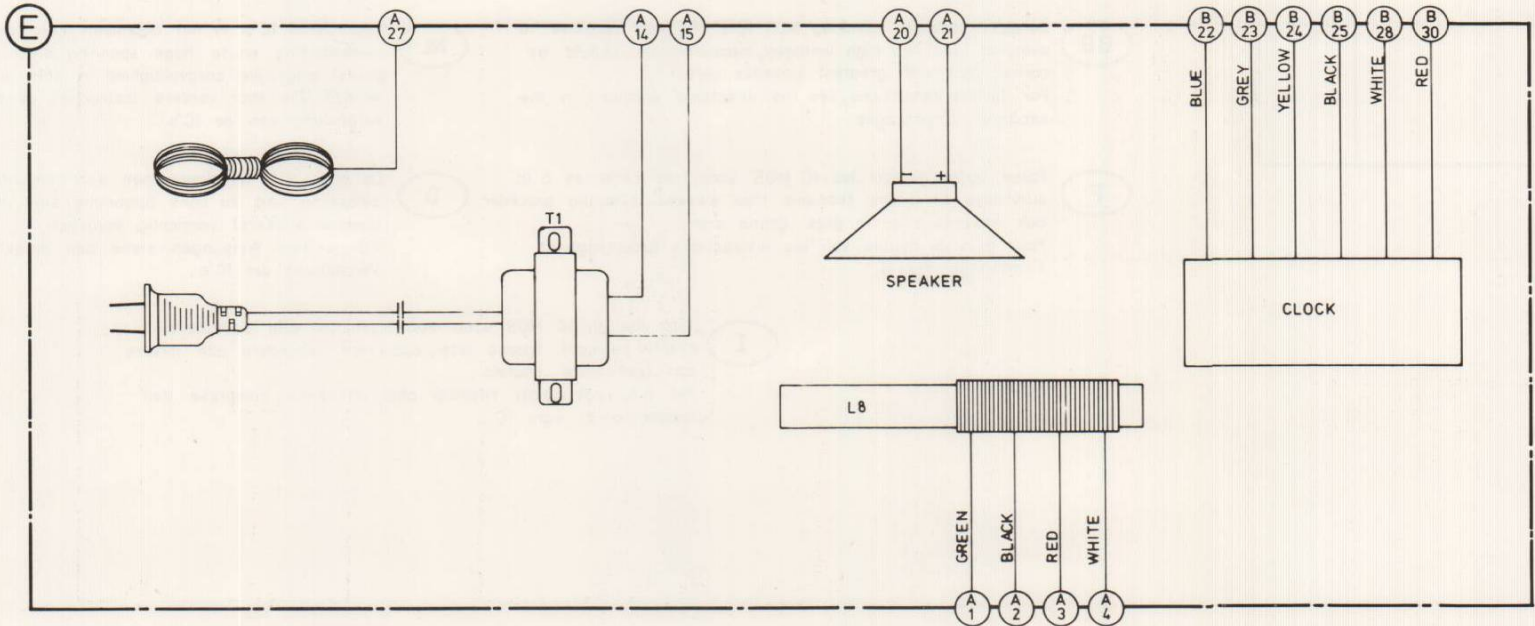
25367

MISC																	SK-B	SK-A	SK-C							
	L11	D3	L6	L7	L9	D2	TS2	T1	VR1	TS1	L1	TS3	D10	D6	D7	D4										
	L10	L12	IC1	4	D11	L3	L5			L2	D1	L8	D9	D5	D8			LA1								
C	33	25	14	44	22	8	48	17	9	46	30	31	11	12	23	7	21	3	23	2	20					
	32	34	35	36	15	16	27	18	19	28	10	45	26	13	4	24	29	6	48	5	43	1	47	41	42	37
R			23	9	10	22		19	6	17	18	30	3	1	13	12										
			20	21		14	11	7	5	8	16	15	2	26	27	4										29 28

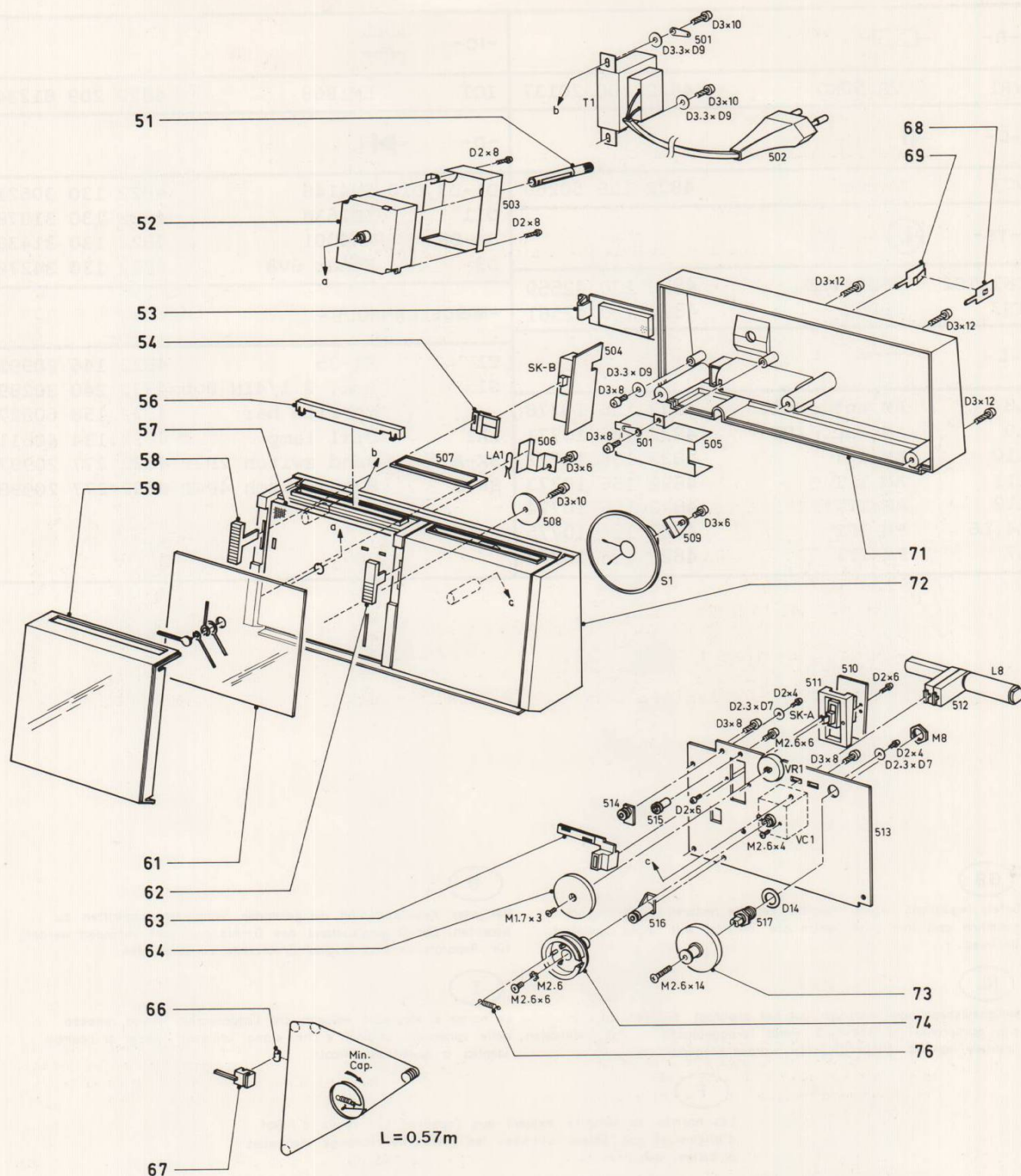


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SK-A										
AM-IF										
MW	468 KHz mod:1 KHz 30%		min		L10 L11,L12				max	
AM-RF										
MW	512 KHz mod:1 KHz 30%		max		L9				max	
520-1605 KHz	1635 KHz mod:1 KHz 30%		min		VC1ct					
	600 KHz mod:1 KHz 30%				L8					
	1400 KHz mod:1 KHz 30%				VC1dt					
FM-IF										
FM	10,7 MHz f=300 KHz (50 Hz)		min		L7 L6 L7				max	
		via 10nF						symmetrical		
FM-RF										
FM	86,5 MHz mod:1 KHz f=22,5 KHz		max		L5				max	
87,5-108 MHz	109 MHz mod:1 KHz f=22,5 KHz		min		VC1bt					
	90 MHz mod:1 KHz f=22,5 KHz				L12					
	106 MHz mod:1 KHz f=22,5 KHz				VC1at					
AFC off										



51	4822	404	20582
52	4822	344	40102
53	4822	426	60306
54	4822	404	20578
56	4822	410	24042

57	4822	450	30402
58	4822	411	61108
59	4822	450	60517
61	4822	450	60516
62	4822	411	61107

63	4822	404	20577
64	4822	413	41265
66	4822	404	20579
67	4822	450	80942
68	4822	290	80632

69	4822	492	51704
71	4822	425	20036
72	4822	425	20037
73	4822	413	41264
76	4822	492	63176

-R- 			-IC- 		
VR1	VR.50KD	4822 100 20137	IC1	LM1868	4822 209 81234
-C- 			-D- 		
VC1	Varco	4822 125 50268	D1-D3,D10	IN4148	4822 130 30621
-TS- 			D11	IS2638	4822 130 31078
			D4-D8	IN4001	4822 130 31438
			D9	Zener 6V8	4822 130 34278
TS1,TS2	2SC1417E	4822 130 42559	-MISCELLANEOUS-		
TS3	U905G	4822 130 42561			
-L- 			T1	EI-35	4822 146 20991
L8 AM ant. coil 4822 156 10778 L9 AM osc. IFT 4822 156 10771 L10 AM IFT 4822 156 10772 L11 AM IFT 4822 156 10773 L12 AM IFT 4822 156 10774 L4,L6 FM IFT 4822 156 10775 L7 FM IFT 4822 156 10777			S1	Spk. 2 1/4IN 8ohm	4822 240 30289
				Ferrite bar	4822 158 60527
			LA1	Dial lamp	4822 134 40611
			SK-A	Band switch 2P2T	4822 277 20997
			SK-B	Band switch 4P4T	4822 277 20998

- 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

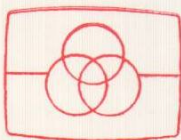
Veiligheidsbepalingen vereisen, dat het apparaat bij reparatie in zijn oorspronkelijke toestand wordt teruggebracht en dat onderdelen, identiek aan de gespecificeerde, worden toegepast.
- F

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

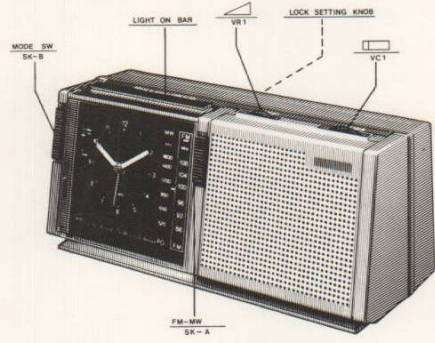
Bei jeder Reparatur sind die geltenden Sicherheitsvorschriften zu beachten. Der Originalzustand des Geräts darf nicht verändert werden; für Reparaturen sind Original-Ersatzteile zu verwenden.
- I

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.

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Service Manual

- GB

Except for the following changes, we refer to the Service Manual of the D3170/00/02.
- NL

Behalve voor onderstaande wijzigingen verwijzen wij U naar de Service Manual van de D3170/00/02.
- F

A l'exception de changements ci-dessous, nous nous référons à la Documentation Technique du D3170/00/02.
- D

Mit Ausnahme folgender Änderungen verweisen wir Sie auf den Service Manual des D3170/00/02.
- I

Eccetto i cambiamenti di cui sotto, ci riferiamo alla Documentazione Servizio del D3170/00/02.

53	4822 426 60485
57	4822 450 30453
61	4822 450 60944
71	4822 425 20188
72	4822 425 20189
L5	4822 156 11014 (FM osc.)