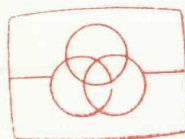


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Table radio TR9220/00/03/04

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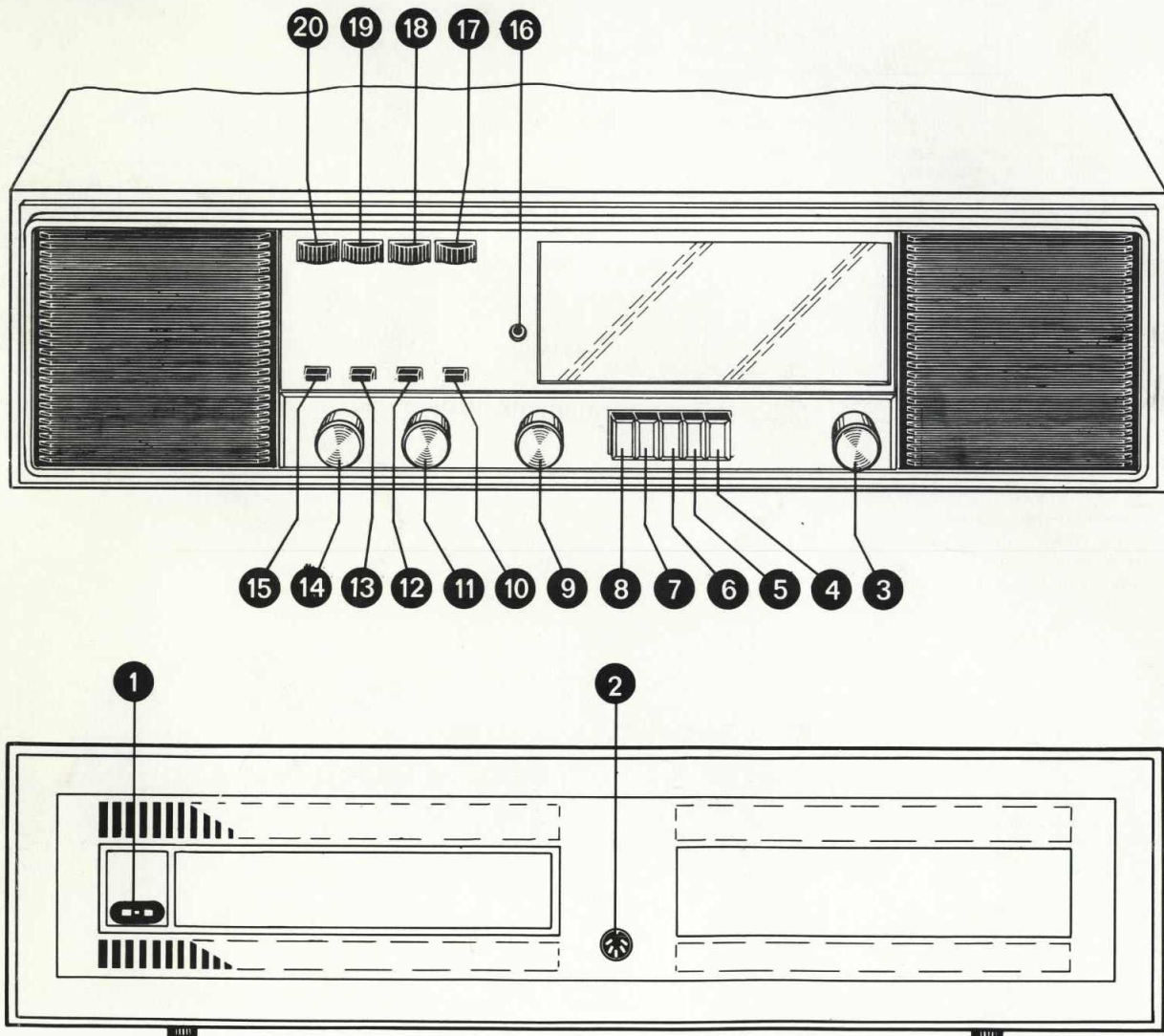


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# Service Manual



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 spécialistes agréés, seuls habilités à réparer votre appareil en panne".








Subject to modification

4822 725 15788

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## CONNECTIONS AND CONTROLS

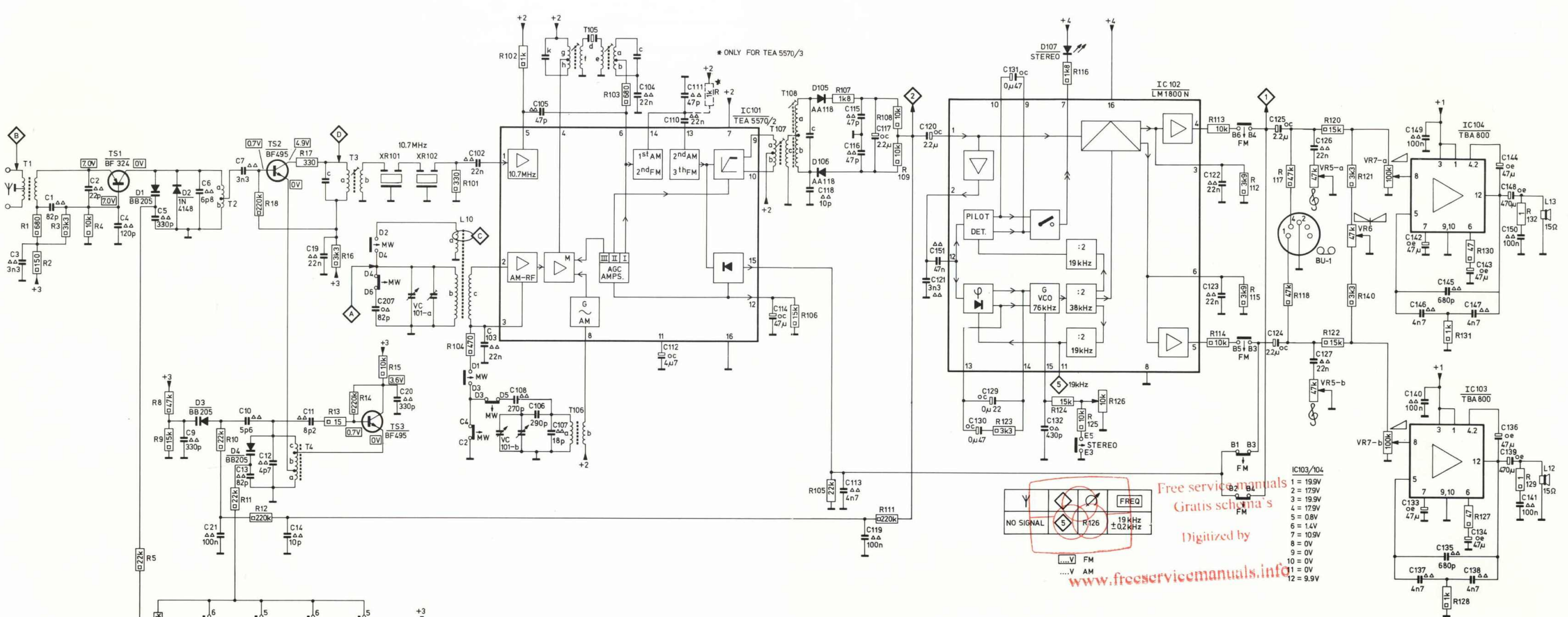
1	 FM	300 Ω	10,12,13,15	FM1-4	(preset)
2	BU-1 	record	11		VR6
3	 AM	VC101	14		VR7a,b
4	MONO-STEREO	SK-E	16	STEREO	D107
5	LW/GO	SK-D	17,18,19,20		FM1-4
6	MW/PO	SK-C			
7	FM	SK-B			
8	ON/OFF	SK-A			
9		VR5a,b			

## SPECIFICATION

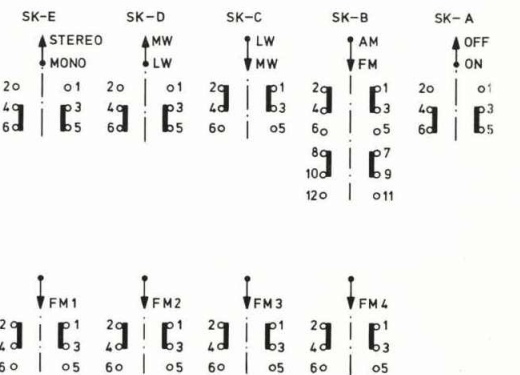
	: 220 V 50 H
Output	: 2x 4 Watt ± 1 dB (d = 10%)
IF-FM	: 10,7 MHz
FM	: 87,5-108 MHz
IF-AM	: 468 kHz
MW	: 520-1605 kHz ( 577- 187 m)
LW	: 150- 255 kHz (2000-1177 m)

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MISC	T1	TS1	D1	D2 D3	T2 D4	TS2	T4	T3 XR101 TS3	XR102	L10	T106 T105	IC101	T107	D105 106	D107	D210 IC102	D208	BU-1	D209	T209 IC104 103	L12 L13																
DC	3	1	2	4, 8	5	9	6, 15, 21	13, 7, 10, 16	12	14, 11, 17	19	18	20, 7	VC101-a	102	101	102	103	104	110-112	104	110-112	114	118	113, 115-117, 119	120, 121, 151	130, 129	132, 128	206, 23	109, 122, 123	124, 125	126, 127	201, 205	142, 144-150, 133-141, 143	140, VR5-b, 7-b	127-131	132
R	1-3	4	5-9	VR1 10-12	VR2	VR3, 13	14	VR4, 15	19-21, 104	101	102	103	106	105	111	123	124, 126	134	201	140, VR5-b, 7-b	127-131	132															

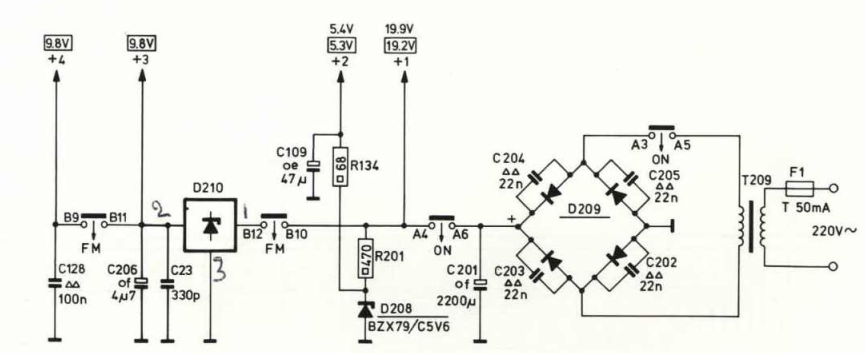


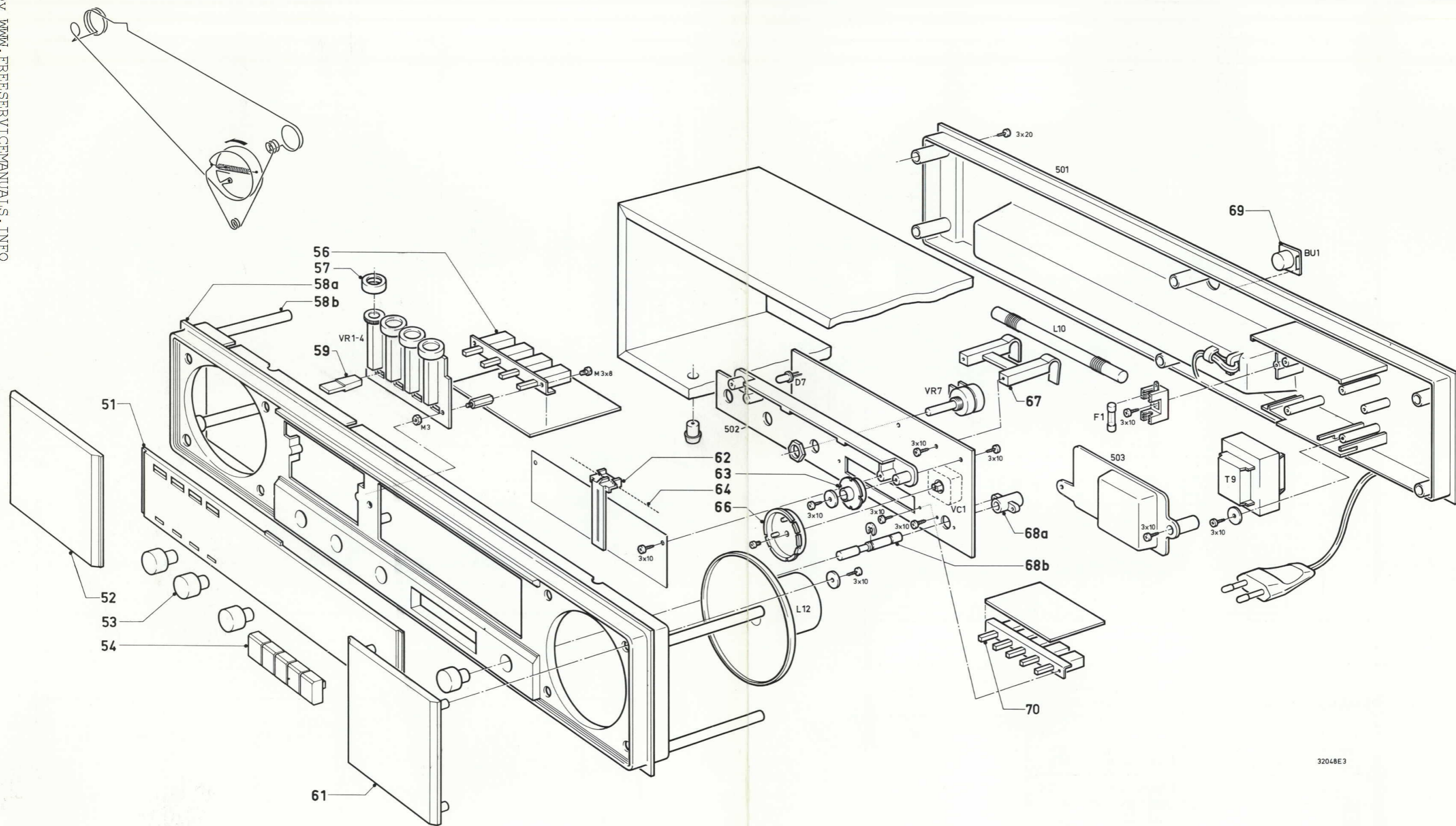
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- CARBON RESISTOR 0.33W 5%
  - PLATE CERAMIC CAPACITOR
  - MICRO POCO
  - MIN. ELECTR. CAPACITOR
- \* c = 6.3V  
e = 16V  
f = 25V
- ELECTRONIC VOLTMETER

THE CIRCUIT HAS BEEN DRAWN IN POSITION ON/LW/MONO

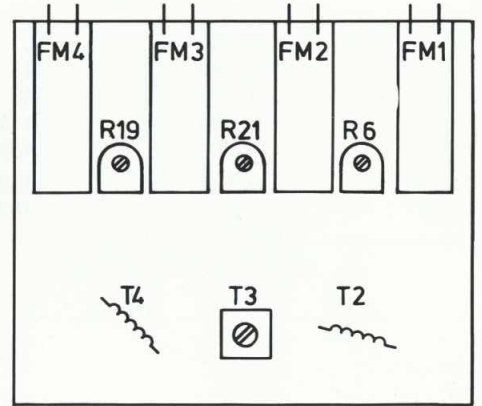
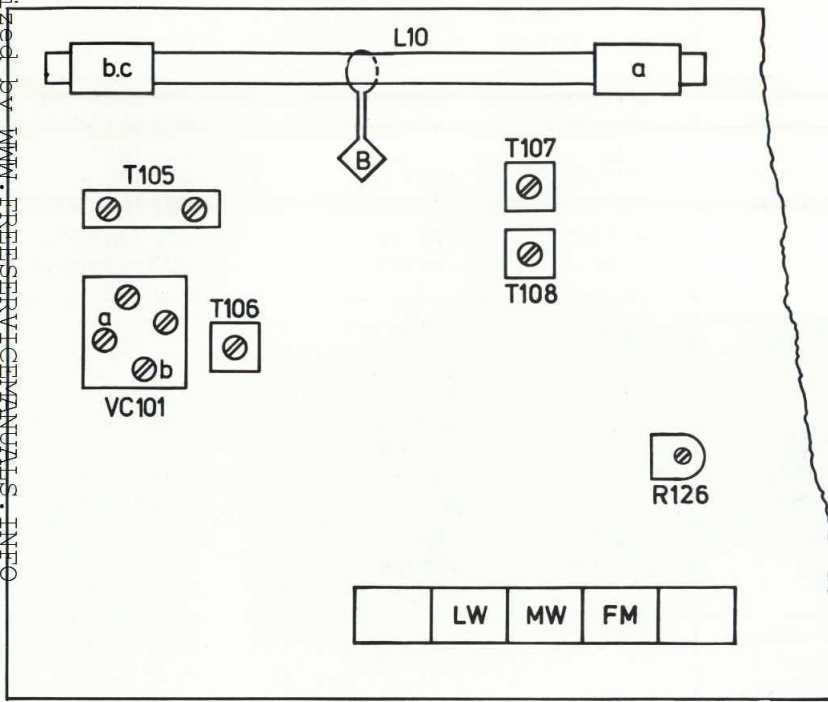




32048E3

51	4822 333 40313	63	4822 528 80942
52	4822 458 30358	64	4822 321 30214
53	4822 413 41176	66	4822 528 80943
54	4822 410 23114	67	4822 256 90526
56	4822 276 11145	68a,b	4822 535 91625
57	4822 413 31181	69	4822 267 40039
58a,b	4822 425 50132	70	4822 276 40311
59	4822 410 23113		
61	4822 458 30359		
62	4822 450 80886		










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SK B-C-D			 VC-1a,b		
MW 520-1605 kHz	$\approx 468 \text{ kHz}^*$		Min. cap.	T105e,f	Max.
	515 kHz*		Max. cap.	T106	
	1640 kHz*		Min. cap.	VC101-b	
	560 kHz*		L10a		
	1400 kHz*		VC101-a		
LW 150-255 kHz	260 kHz*			L10b	Max.
FM 87.5 - 108 MHz	$\approx 10.7 \text{ MHz}$ $\Delta f = 200 \text{ kHz}$ via 20 nF		VR1-4 Preset min.	T107	Max. + Symm.
				T3	
				T108	
	108 MHz*	Preset min.	R6	Max.	
	88 MHz*	Preset max.	T2,T4		
	88 MHz*				R21
	104 MHz*		R19		

↑ Repeat, Herhalen, Répéter, Repetera, Wiederholen, Ricominciare.

\* Mod.: 1 kHz

TS,IC 			R 		
TS1	BF324	4822 130 41448	VR1,2,3,4	100 k log	4822 101 90089
TS2,3	BF495	4822 130 40947	VR5a,b	47 k log	4822 101 30507
IC101	TEA5570/2	4822 209 81414	VR6	47 k lin	4822 101 20714
IC102	LM1800N	4822 209 80692	VR7a,b	100 k log	4822 102 30412
IC103,104	TBA800	5322 209 84938	R6	220 k Ω	4822 100 10088
			R19,21	470 Ω	4822 100 10038
			R126	10 kΩ	4822 100 10035
D 			T,L 		
D1,3,4	BB205G	5322 130 34953	T1	Ant. transf.	4822 158 10385
D2	1N4148	4822 130 30621	L10a	MW ant. coil	4822 157 51692
D105,106	AA118-P	4822 130 30312	L10b	LW ant. coil	4822 157 51691
D107	LED stereo	4822 130 31249	T105	AM-IF	4822 156 30622
D208	BZX79/C5V6	4822 130 34173	T106	AM-osc.	4822 156 21183
D209	Rectifier	4822 130 50364	T107	FM-det.	4822 156 21181
D210	Stabiliser	4822 121 41818	T108	FM-det.	4822 156 21182
			T209	Mains transf.	4822 146 20812
			L12,L13	Loudspeaker 15 Ω	4822 240 40142
				Ferrite bar	4822 526 10246
C 					
VC101	Varco	4822 125 30033			
Cer. cap.	100 nF	5322 122 34077			
Cer. cap.	47 nF	5322 122 44025			

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.