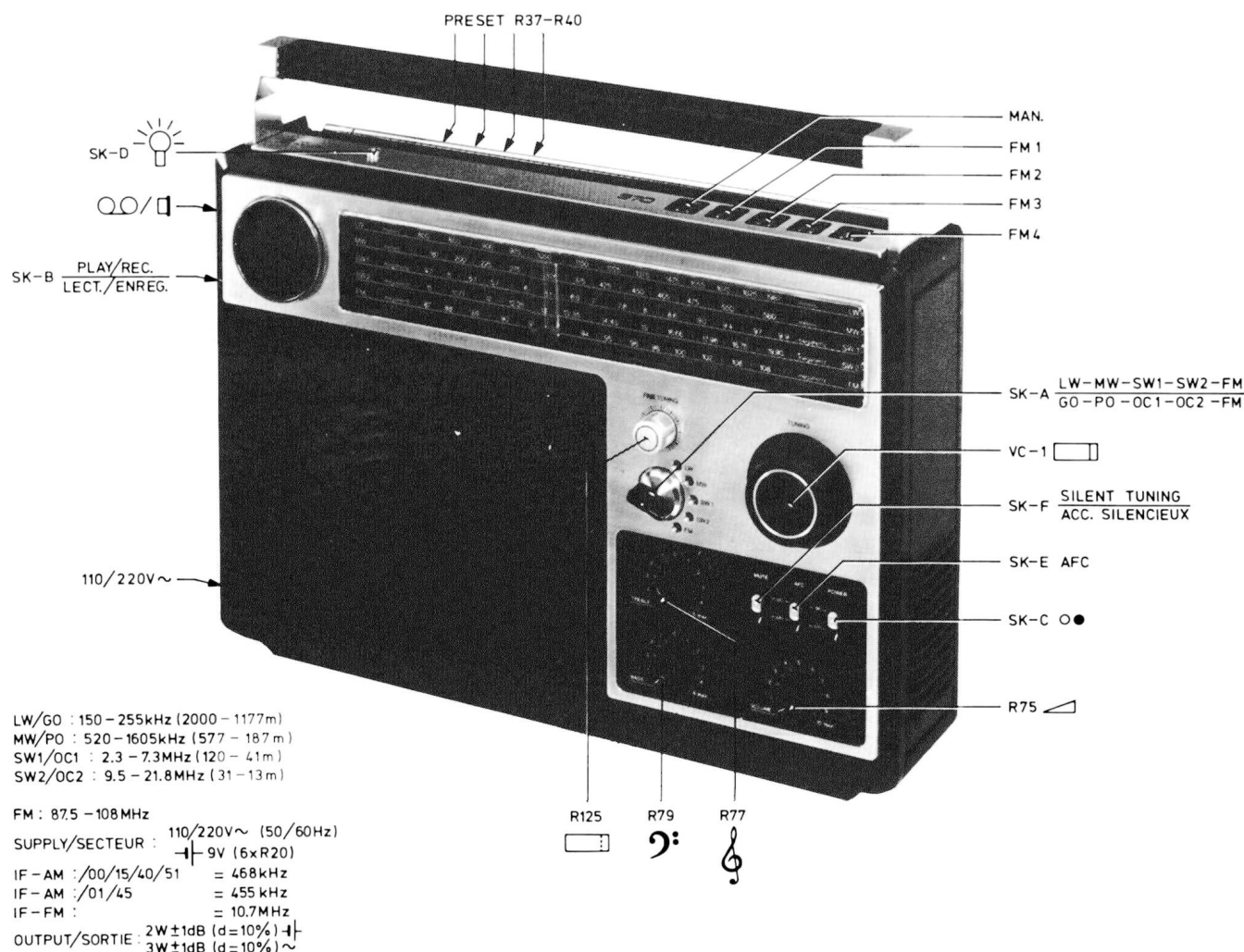
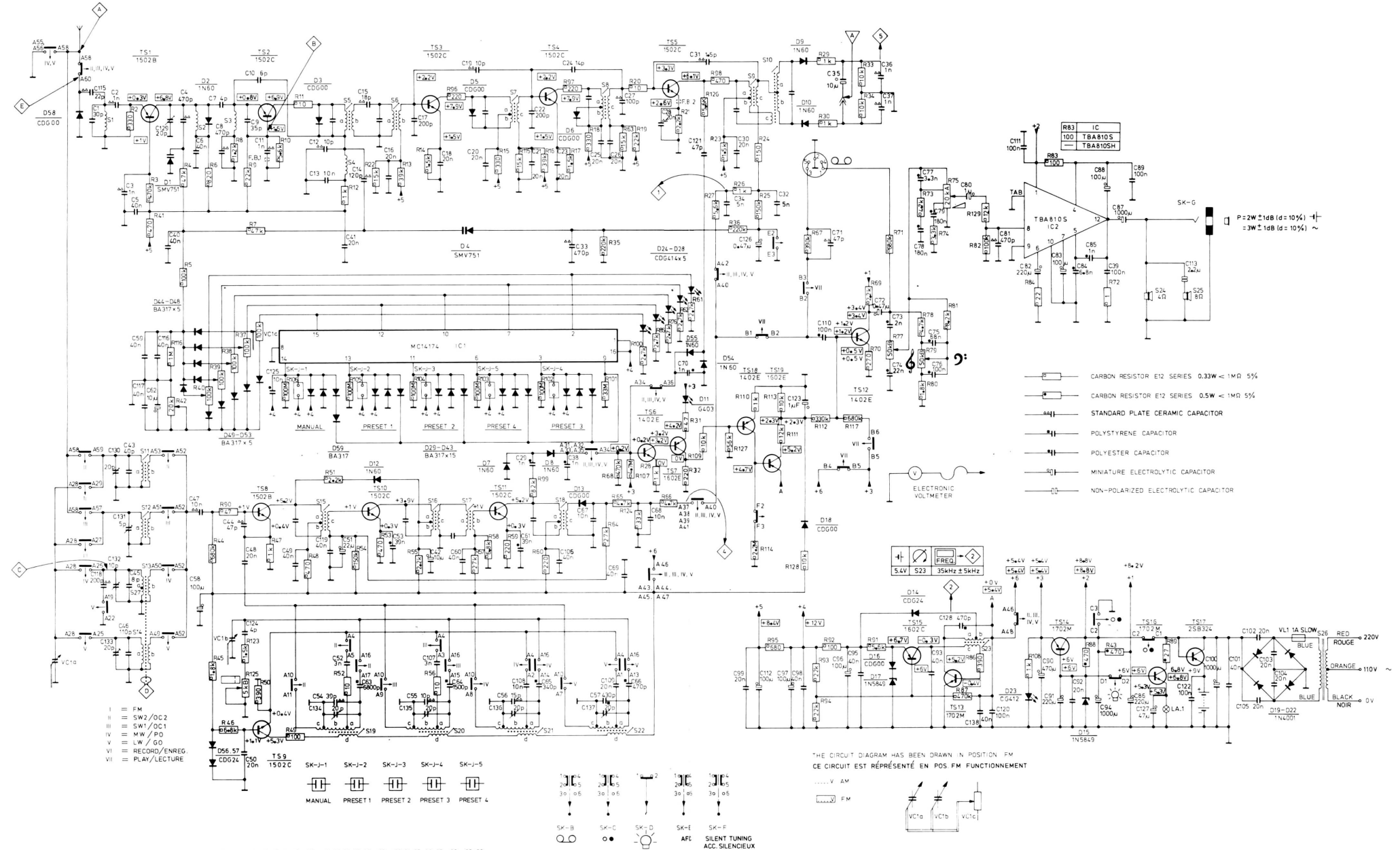


# Service Service Service

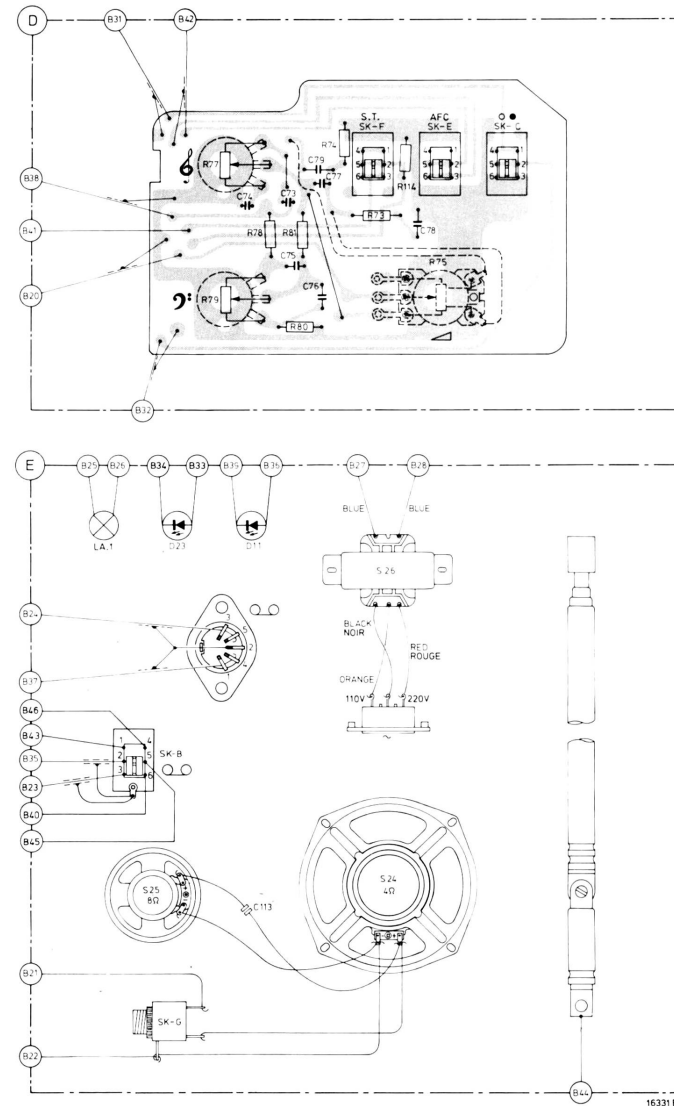
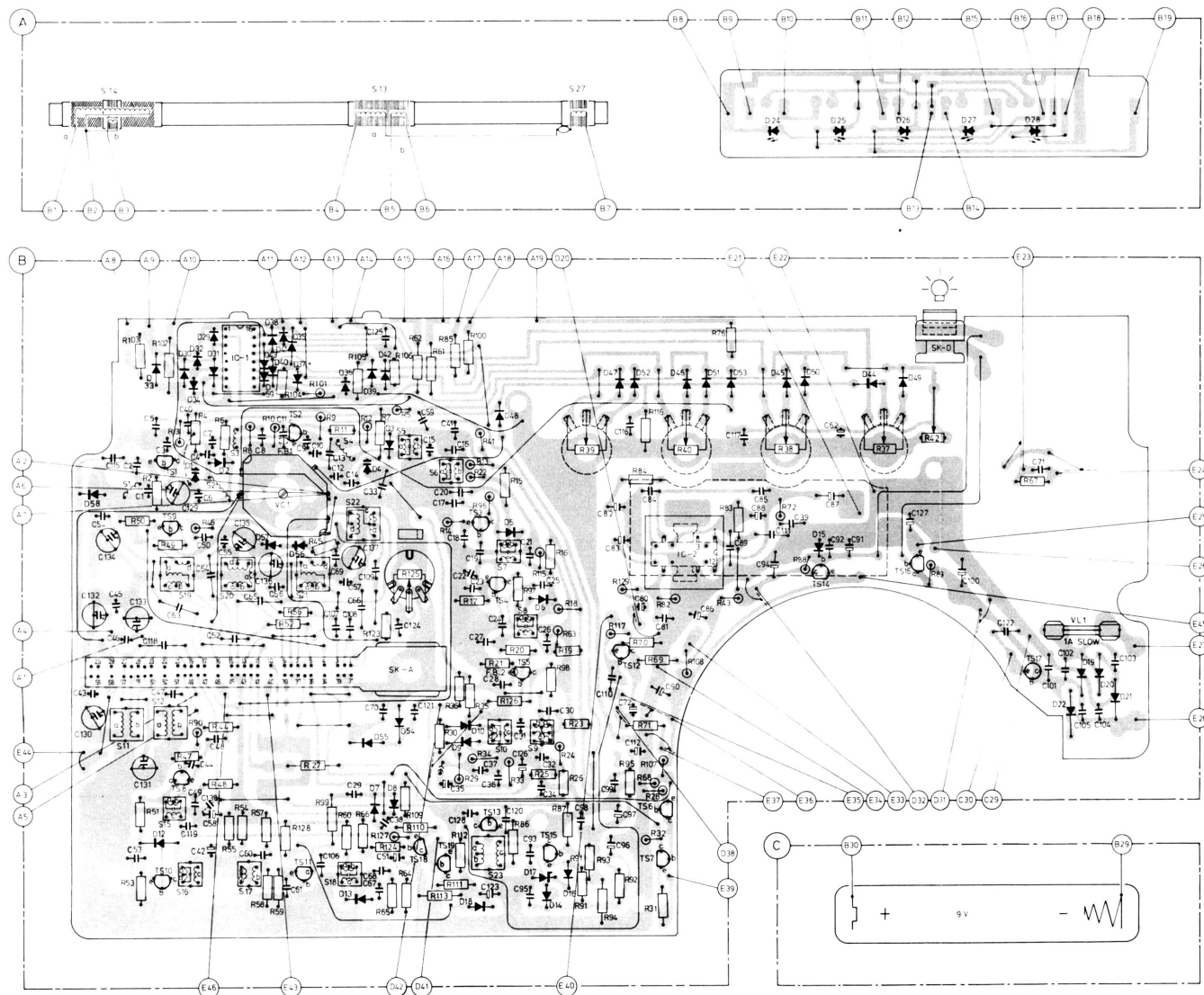
# Service Manual



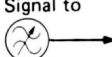


























MISC	S1	TS1	D1	S2	D2	D56	S3	TS2	D3	S5	S6	TS3	D5	S7	TS4	D6	S8	TS5FE2		S9	S10	D9	TS12	D16		D14	S23		D15		S24	S25	VL1		
	D58	S11	S13	D44	D48	D57	VC1b	TS8	F.B1	S15	S4	D12	S16	D29	D43	S17	TS11	D8	D13	TS6	TS7	D11	D54	TS18	TS19	D10	TS20	D16	D14	S23	D23	TS14	D15	S24	S25
	VC1a	S27	S12	S14	D49	D53	TS9	VC1c	D59	S19	TS10	S20	IC1	D4	D7	S21	S18	S22	D24	D28	D55	TS16	TS17	D18	TS20	D16	D14	S23	D23	TS14	D15	S24	S25	VL1	
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
	115	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145
R	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114



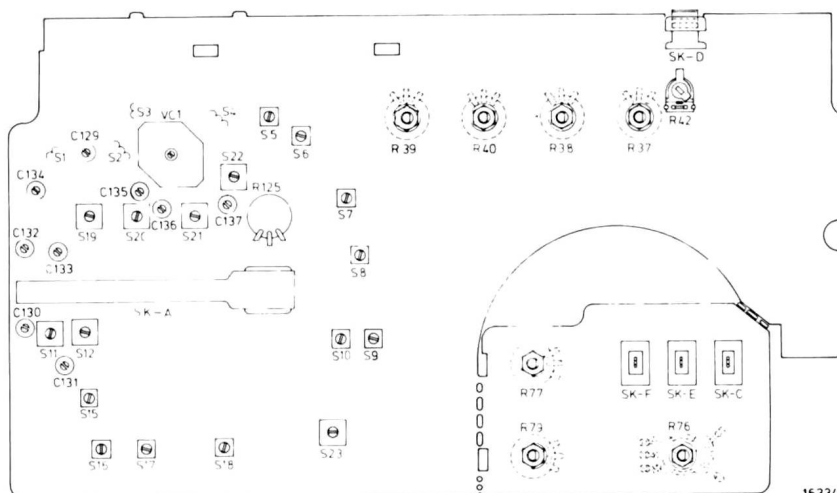
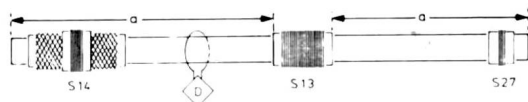
	D58 S14 S11 D33 S12 T58 D32 D29 IC-1 D43 D57 FB1 D37 S21 S22 S13 D7 D42 S5										S6 D9 D18 D48 S7 D5 S8 S9 D16										D47 D48 D53 D45 D16 D48 SK-D T517 D19 VL1										LA.1 SK-B SK-F SK-E SK-C																			
MISC	S1 D12 T51 S19 D20 D31 D2 S3 D4 D8 D10 D35 T52 S4 S8 D55 D8 D54 T518 T519 D10 S23 T54 FB2 D17 D4 D14										T510 S15 T59 S16 D1 D34 S2 S20 S17 D58 D4 VCI D56 D6 D13 D4 D39 D13 SK-A										T53 T511 T55 S10 T515 S27 T512 T57 IC-2										D28 D22 D21										S25 D23 D11									
	T510 S15 T59 S16 D1 D34 S2 S20 S17 D58 D4 VCI D56 D6 D13 D4 D39 D13 SK-A										T53 T511 T55 S10 T515 S27 T512 T57 IC-2										D28 D22 D21										S25 D23 D11																			
C	43 54 45 48 1 5 63 40 44 50 58 735 8 11 9 13 14 66 33 68 38 70 59 47 128 123 37 120 31 21 32 34 88 99 116 112 86										95 35 16 18 23 27 36 26 25 30 96 82 97 84 81										117 85 94 62										71 105 104										113 73 79 78									
	132 134 2 131 3 47 119 6 44 55 52 135 61 10 107 12 108 137 67 51 106 69 57 29 109 125 124 121 20 17 22 19 26 24 93 95 26										89 111 92 91										122 102 103										77 75 77 74 114 75										78 80 73									
	180 215 133 63 118 129 49 138 7 42 48 65 60 56 106 69 57 29 109 125 124 121 20 17 22 19 26 24 93 95 26										89 111 92 91										122 102 103										77 75 77 74 114 75										78 80 73									
R	50 51 102 4 90 55 54 10 59 104 101 45 11 105 7 106 109 64 30 85 111 100 22 15 20 115 16 18 19 23 39 117 6 8 71 82 40 76 38										83 72 37										67										79 81 74 75																			
	103 2 47 6 44 8 57 52 128 9 60 12 123 125 127 110 112 36 17 21 21 126 86 96 87 26 93 129 95 84 116 69 108										88 89																																							
	53 40 3 46 48 58 56 27 96 66 124 65 5 62 61 113 16 29 35 34 13 96 97 33 25 63 24 91 94 92 70 31 28 32 107 41																																																	



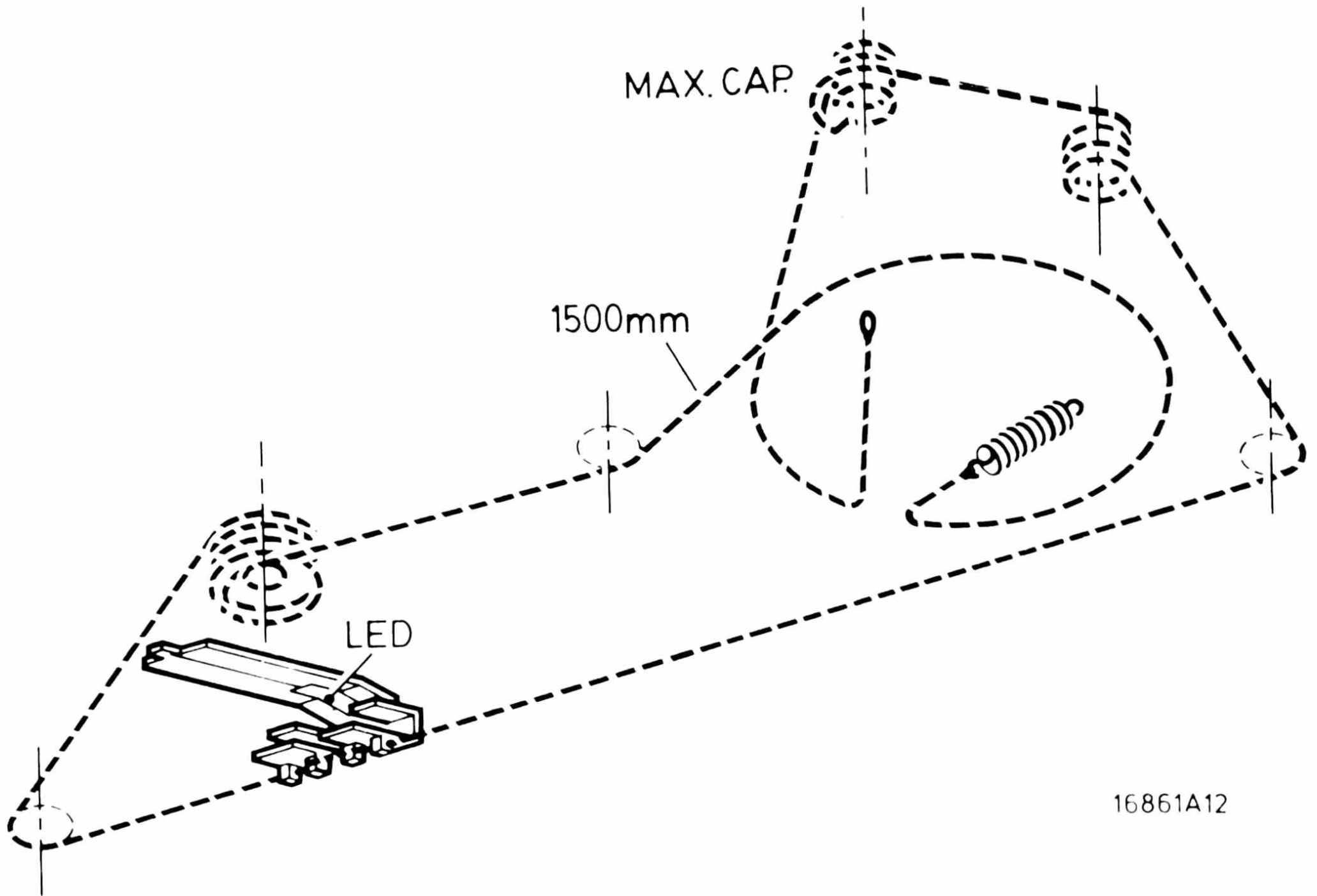


Wave range SK-A	Signal to 			Adjust 	
MW/PO (520-1605 kHz)	<b>1</b> via 20 nF		Min. cap.	S18	 Max.
				S17	
				S16	
				S15	
	512 kHz		Max. cap.	S21	 Max.
	1635 kHz		Min. cap	C136	
	550 kHz			S27	
	1500 kHz			C132	
LW/GO (150-255 kHz)	147 kHz		Max. cap.	S22	 Max.
	260 kHz		Min. cap.	C137	
	155 kHz			S14	
	255 kHz			C133	
SW1/OC1 2.3-7.3 MHz	2.25 MHz		Max. cap.	S20	 Max.
	7.45 MHz		Min. cap.	C135	
	2.5 MHz			S12	
	7.2 MHz			C131	
SW2/OC2 (9.5-21.75 MHz)	9.3 MHz		Max. cap.	S19	 Max.
	22.2 MHz		Min. cap.	C134	
	10 MHz			S11	
	21 MHz			C130	
FM (87.5-108 MHz)	10.7 MHz via 100 pF		Vc-1	S9	 
				S8	
				S7	
				S6	
				S5	
	109 MHz 86.5 MHz 88 MHz 106 MHz		Vc1-Min.	S10	 
				S4	
			Vc1-Max.	R42	 Max.
				S2 C129	

↑ Repeat - Herhalen - Répéter - Wiederholen - Ricominciare - Repetera - Gentage - Gientagelse - Toista











16334B12











16861A12











- GB
- 1 The AM-IF for /00/15/28/40/51 is 468 kHz  
The AM-IF for /01/45 is 455 kHz
  - 2 With the telescopic aerial pulled in, set potentiometer R125 for fine-tuning to mid-position.
  - 3 Set the AFC switch to position "off".  
Open bridge . Connect an oscilloscope to  via a 100 kΩ resistor. Adjust the FM-IF curve for maximum height and symmetry.
  - 4 Close bridge . Connect an oscilloscope to . Adjust the S-curve for maximum symmetry and linearity.





- NL
- 1 De AM-MF voor /00/15/28/40/51 is 468 kHz  
De AM-MF voor /01/45 is 455 kHz
  - 2 Telescoopantenne ingeschoven, potentiometer R125 voor fijnafstemming in de middenpositie zetten.
  - 3 Zet AFC-schakelaar op "uit". Open brug .  
Sluit een oscillograaf aan  via een weerstand van 100 kΩ en regel de AM-MF kromme af op max. hoogte en symmetrie
  - 4 Sluit brug . Sluit een oscillograaf aan  en regel de S-kromme af op maximale symmetrie en lineariteit.





- F
- 1 L'AM-FI est de 468 kHz pour les versions /00/15/28/40/51.  
L'AM-FI est de 455 kHz pour les versions /01/45
  - 2 L'antenne étant enfoncée, régler le potentiomètre de réglage fin R125 en position médiane.
  - 3 Positionner le commutateur de CAF sur "arrêt".  
Ouvrir le pontet . Brancher un oscillographe sur  à travers une résistance de 100 kΩ et régler la courbe FM-FI sur hauteur max. et symétrie.
  - 4 Fermer le pontet . Brancher l'oscillographe sur  et régler la courbe en S sur symétrie max. et linéarité.

- D
- 1 Die AM-ZF für /00/15/28/40/51 ist 468 kHz  
Die AM-ZF für /01/45 ist 455 kHz
  - 2 Teleskopantenne soll eingeschoben sein; dann Potentiometer R125 für Feinabstimmung in Mittelstellung setzen.
  - 3 AFC-Schalter in Stellung "Off" schalten.  
Brücke  öffnen. Oszillographen über einen 100 kΩ-Widerstand an  anschliessen. FM/ZF-Kurve auf maximale Höhe und Symmetrie abgleichen.
  - 4 Brücke  schliessen. Oszillographen anschliessen an  und die S-Kurve auf maximale Symmetrie und Linearität abgleichen.

- I
- 1 La parte AM-FI è di 468 kHz nelle versioni /00/15/28/40/51. La parte AM-FI è di 455 kHz nelle versioni /01/45
  - 2 Con l'antenna spinta, regolare il potenziometro di regolazione fine R125 in posizione media.
  - 3 Posizionare il commutatore di CAF su "fermo".  
Aprire il ponticello . Inserire un oscillografo su di  attraverso una resistenza di 100 kΩ e regolare la curva FM-FI per altezza massima e simmetria.
  - 4 Chiudere il ponticello . Inserire l'oscillografo su di  e regolare la curva ad S per simmetria massima e linearità.

- S
- 1 AM-MF för vers /00/15/28/40/51 är 468 kHz.  
AM-MF för vers /01/45 är 455 kHz.
  - 2 Med teleskopantennen indragen justera potentiometer R125 för fininställning till mittläge.
  - 3 AFC-omkopplaren i läge "off". Öppna brygga . Via ett 100 kΩ motstånd anslut ett oscilloskop till . Justera FM-MF. Justera till max. höjd och symmetri
  - 4 Tillslut brygga . Via et 100 kΩ motstånd anslut ett oscilloskop till  justera till max. symmetri och linearitet.

- DK
- 1 AM-MF for /00/15/28/40/51 er 468 kHz.  
AM-MF for /01/45 er 455 kHz.
  - 2 Skub teleskopentennen ind og sæt potentiometeret R125 for finafstemming i midterstilling.
  - 3 Sæt AFC-omskifteren i stilling "off".  
Abn broen  og forbind et oscilloskop til  via en 100 kΩ modstand.  
Juster FM-MF-kurven til maximum højde og symmetri.
  - 4 Luk broen  og forbind oscilloskopet til . Juster S-kurven til maximum symmetri og linearitet.

- SF
- 1 /00/15/28/40/51 :n AM välitajuus on 468 kHz.  
/01/45 :n AM välitajuus on 455 kHz.
  - 2 Kun teleskoopiantenni on sisäänpainettuna, hienosäätö potentiometri R125 keskiasentoon.
  - 3 Kytke AFC-jännite pois "off". Avaa oikosulku  kytke oskilloskooppi  een 100 kΩ vastuksen kautta.  
Säädä ula välitajuuskäyrä maksimilleen ja symmetriseksi
  - 4 Sulje oikosulku . Kytke oskilloskooppi  säädä S-käyrä maksimiinsa symmetrian ja lineaarisuuden suhteen.