

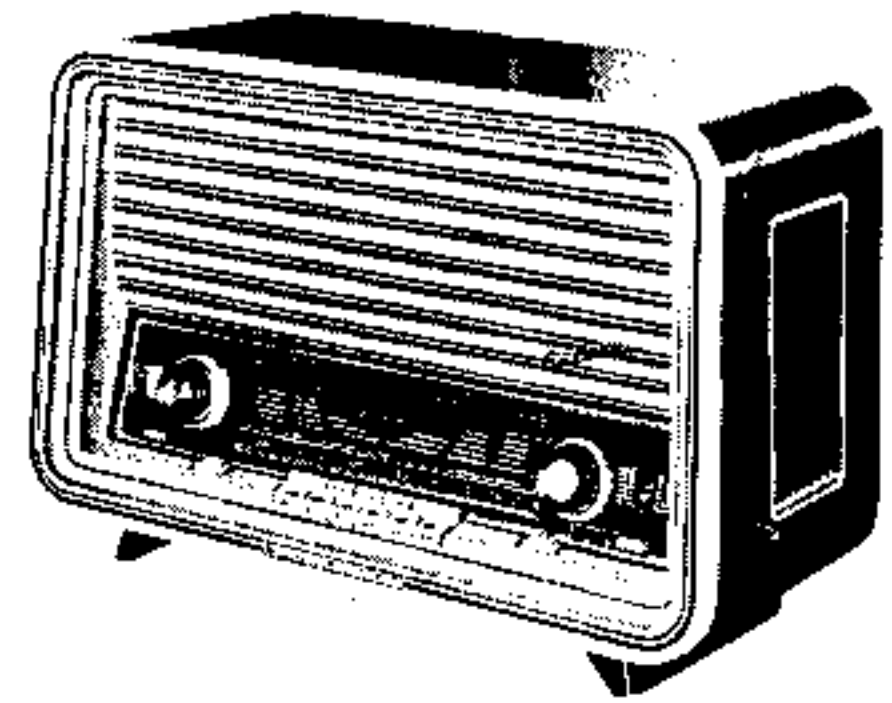


# BLAUPUNKT-DRUCKTASTEN-SUPER

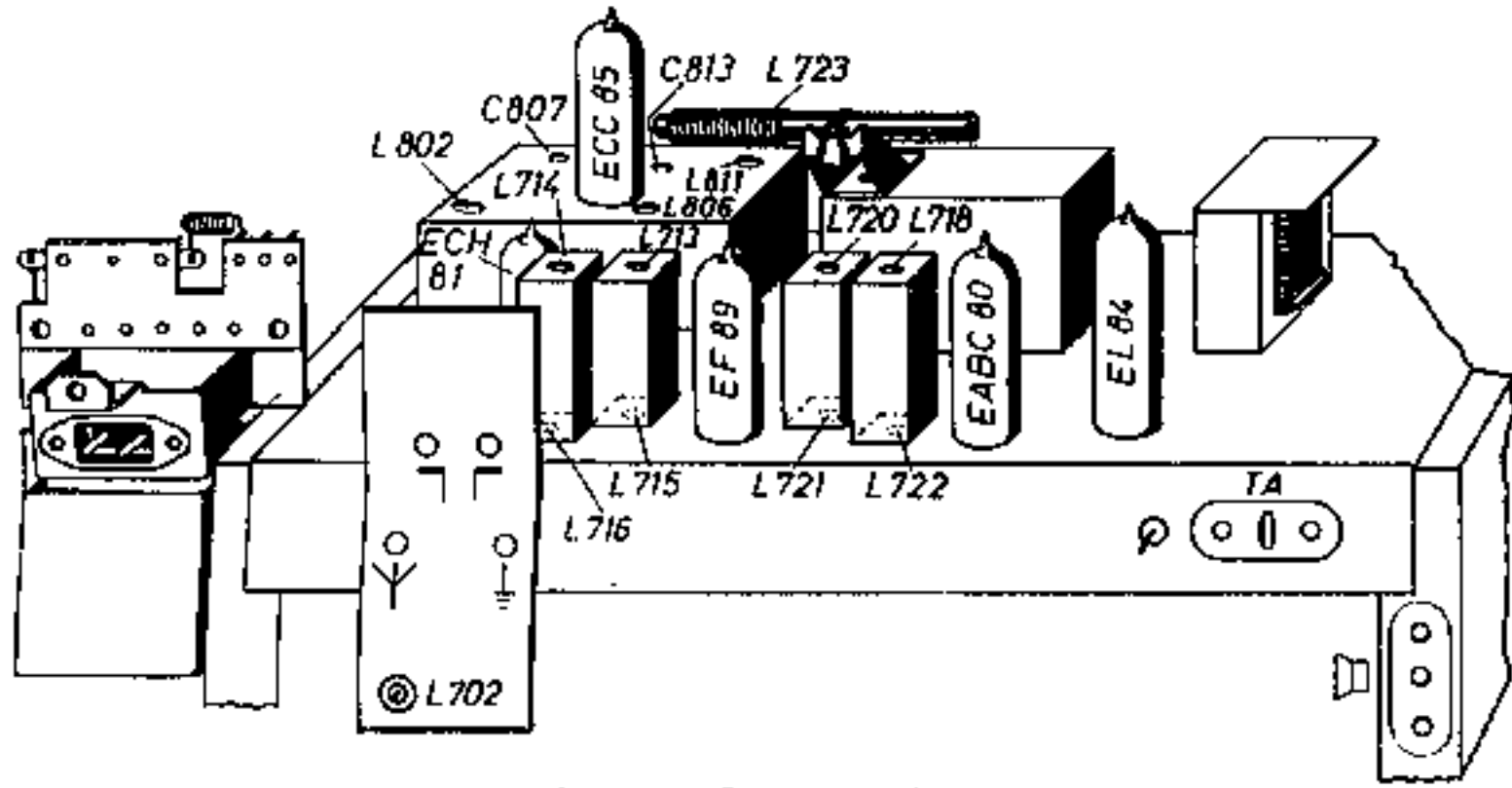
Ver. v. Historie v/d Radio

## Sultan

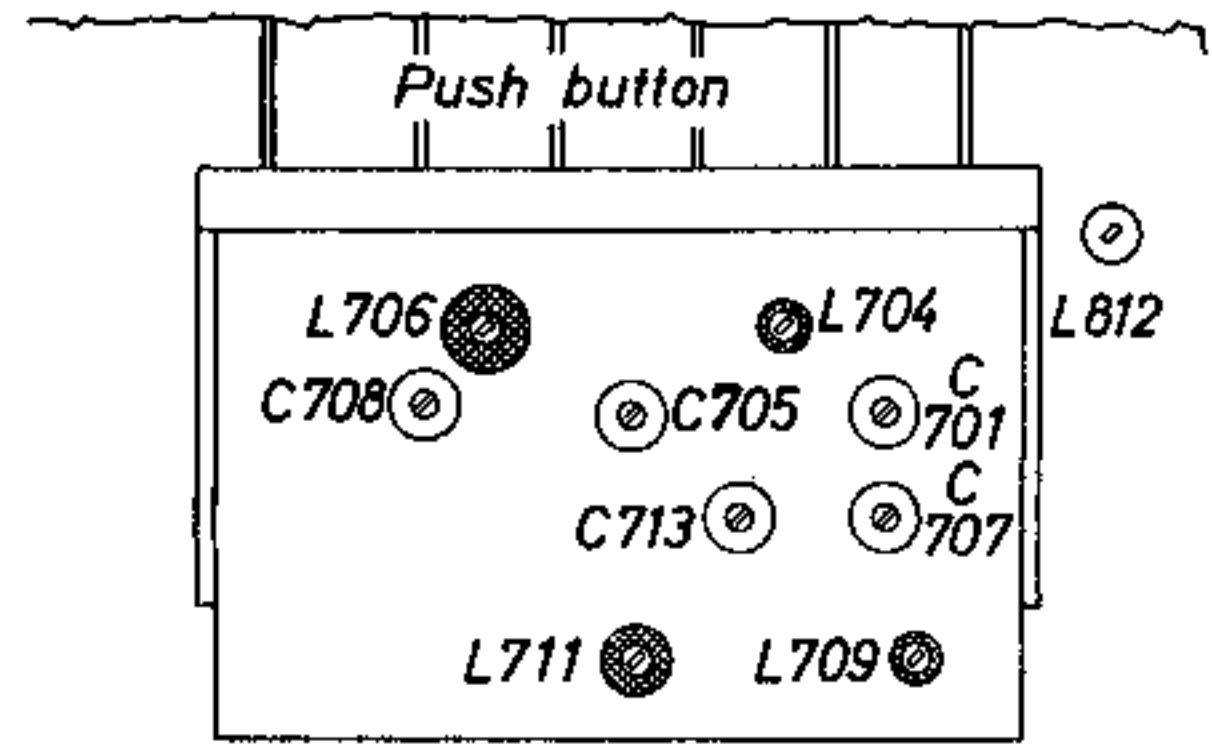
2420 USA



ARCHIEF  
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Chassis from behind



Partial view of chassis from below

### ALIGNING PROCEDURE

Wave range	Signal generator at		Range	Set Dial pointer to	Aligning element		Sensitivity
		Frequency					
IF(AM) <sup>1)</sup>	G <sub>1</sub> ECH 81	460 kc/s	SB	ab. 1600 kc/s	L 721, L 720, L 716, L 714 max.		ab. 15 μV
	Ant. socket <sup>2)</sup>			ab. 600 kc/s	L 702 min.		—
					Oscillator	Presel. circ.	
SW <sup>2)</sup>	Ant. socket <sup>2)</sup>	6 Mc/s	SW	50 m	L 709	L 704 max.	ab. 20 μV
		18 Mc/s		16,6 m	C 707	C 701 "	ab. 15 μV
SB	Ant. socket <sup>2)</sup>	546 kc/s	SB	546 kc/s	L 711	L 706 "	ab. 10 μV
		1500 kc/s		1500 kc/s	C 713-	C 708 "	ab. 15 μV
					Ferrit antenna		
MW with Ferrit ant.	Coupl. coil	546 kHz	SB and F-Ant.	546 kc/s	L 723	Shift	
		1500 kc/s		1500 kc/s	C 705		
IF(FM)	Point 1 (FM-mix. part) via 2 pF <sup>4)</sup>	10,7 Mc/s	FM	105 Mc/s	L 718, L 715, L 713, L 812, L 811 max. L 722 S-curve or min. resp. <sup>5)</sup>		ab. 3 mV
					Oscillator	Intermed. circ.	
FM	FM- antenna	91 Mc/s	FM	91 Mc/s	C 813 <sup>6)</sup>		ab. 3 μV
		105 Mc/s		105 Mc/s	L 806 <sup>6)</sup>	C 807 max.	ab. 3 μV
NF sensitivity off PU sockets with 400 c/s							ab. 10 mV

50 mW = 0.5 by AC-voltmeter (Multivi R, Ri = 7 500 ohms) at secondary of output transformer. (Connection for additional speaker).

AM and AF sensitivities measured at 50 mW.

FM sensitivity measured with 4 volts at electrolytic cond. of ratio detector by instrument Ri = 50 k-ohms/volts (measuring range 10 volts).  
Peak distance of S-curve ab. 170 kc/s off G<sub>1</sub> of ECH 81

<sup>1)</sup> Treble control "high", bass control "dark", "Sonor" button pressed.

<sup>2)</sup> SW bandspread tuner in position 0.

<sup>3)</sup> Via spare antenna (see circuit diagram).

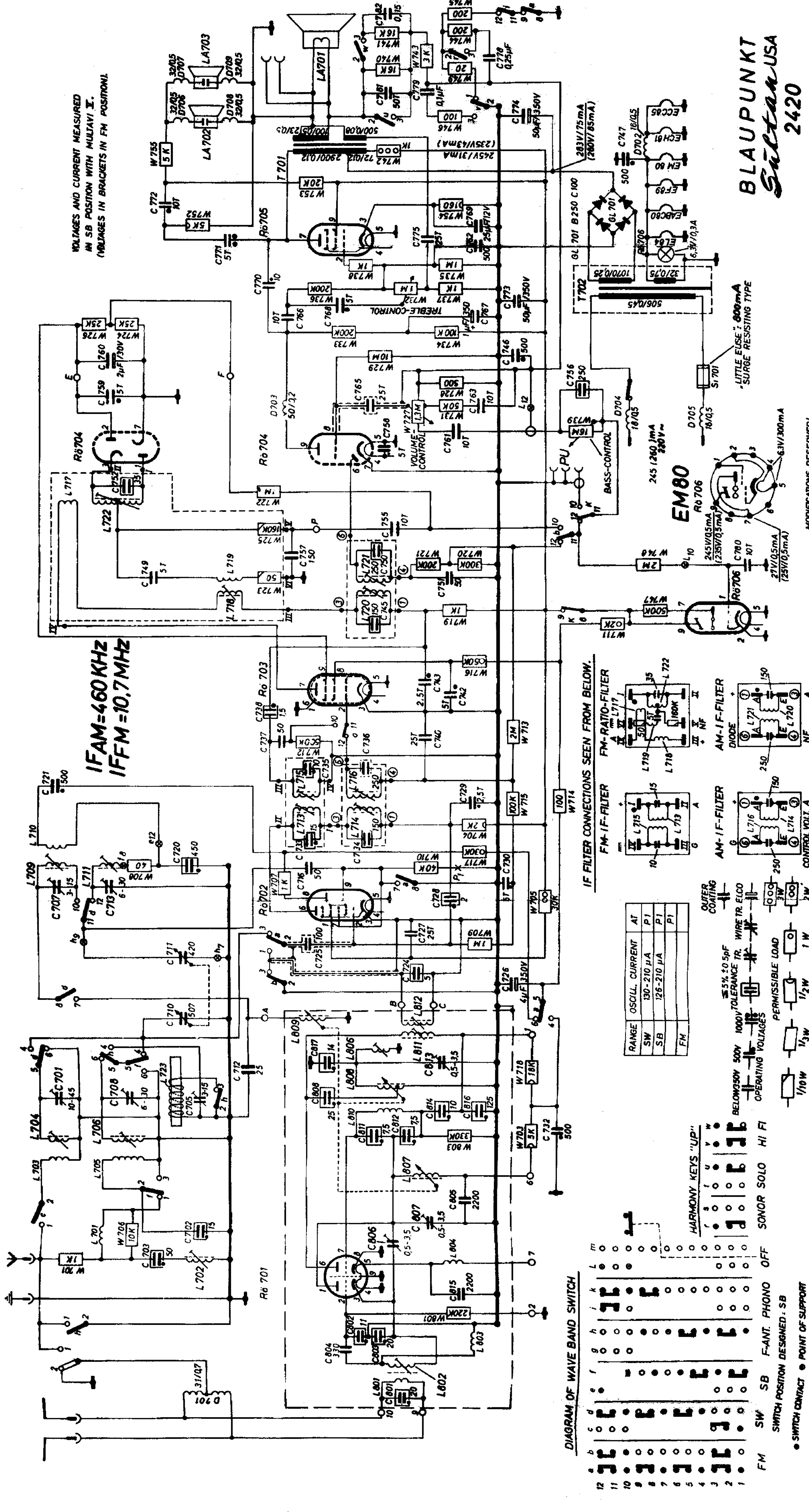
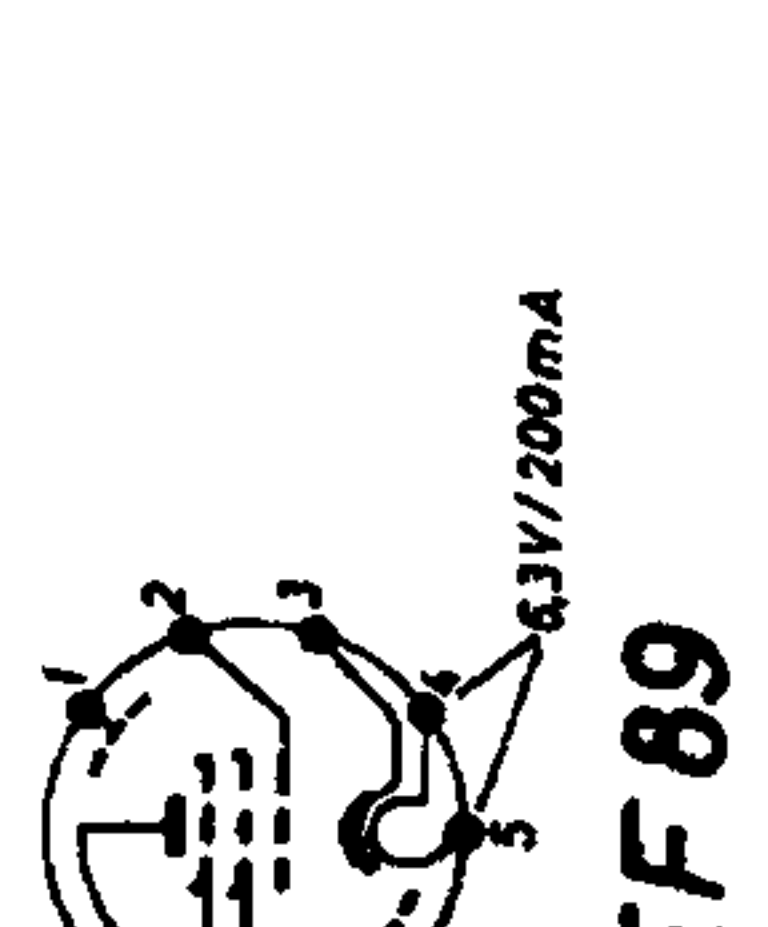
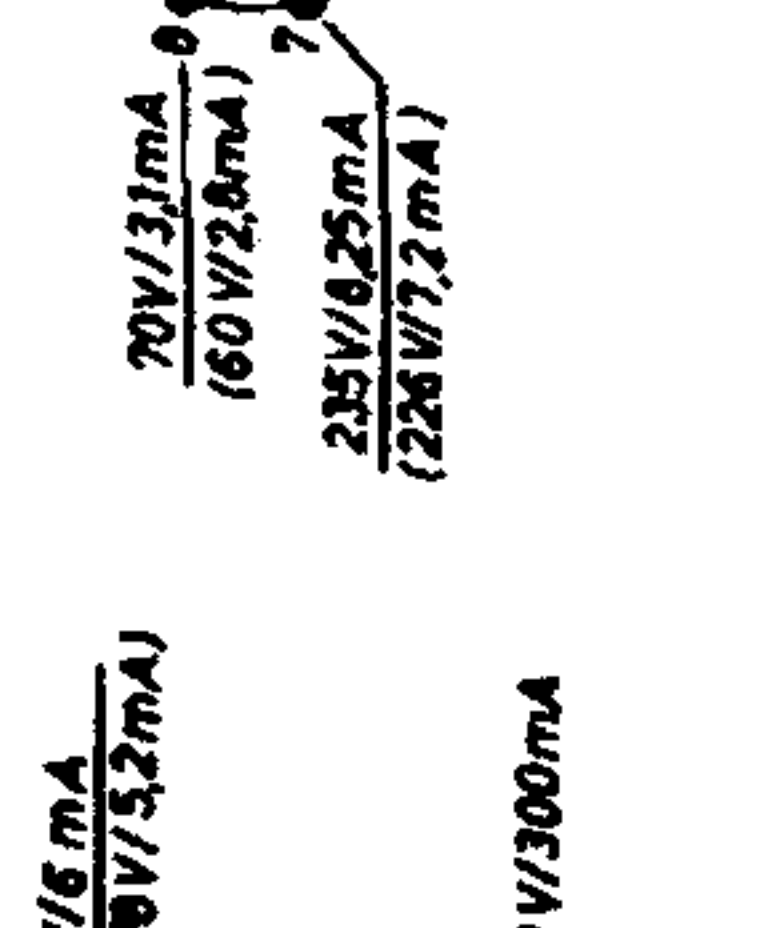
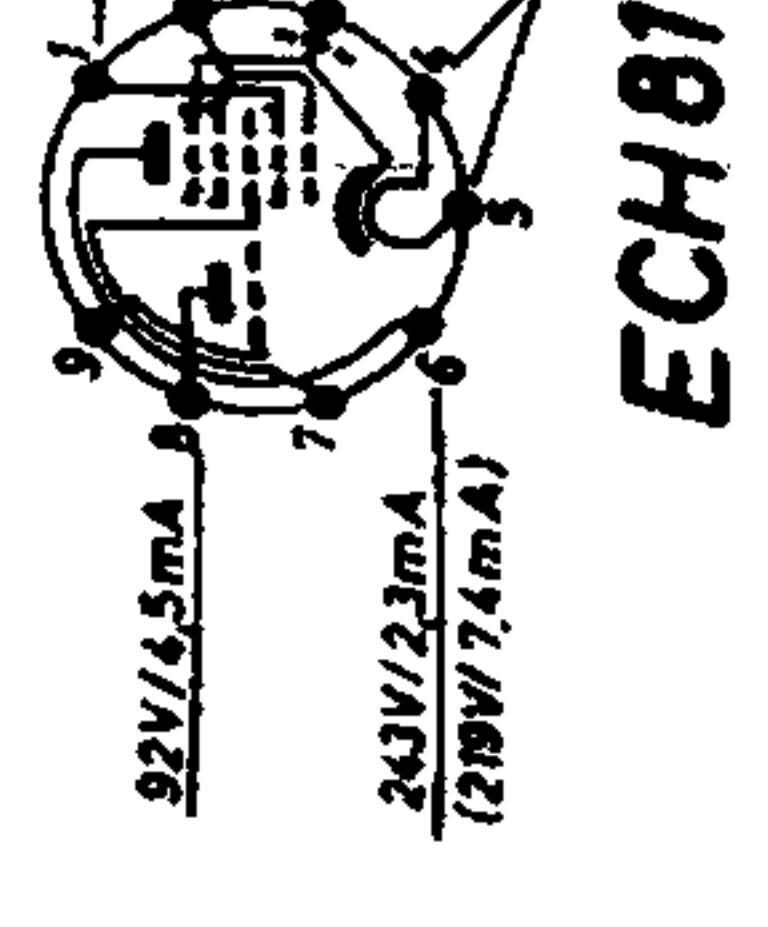
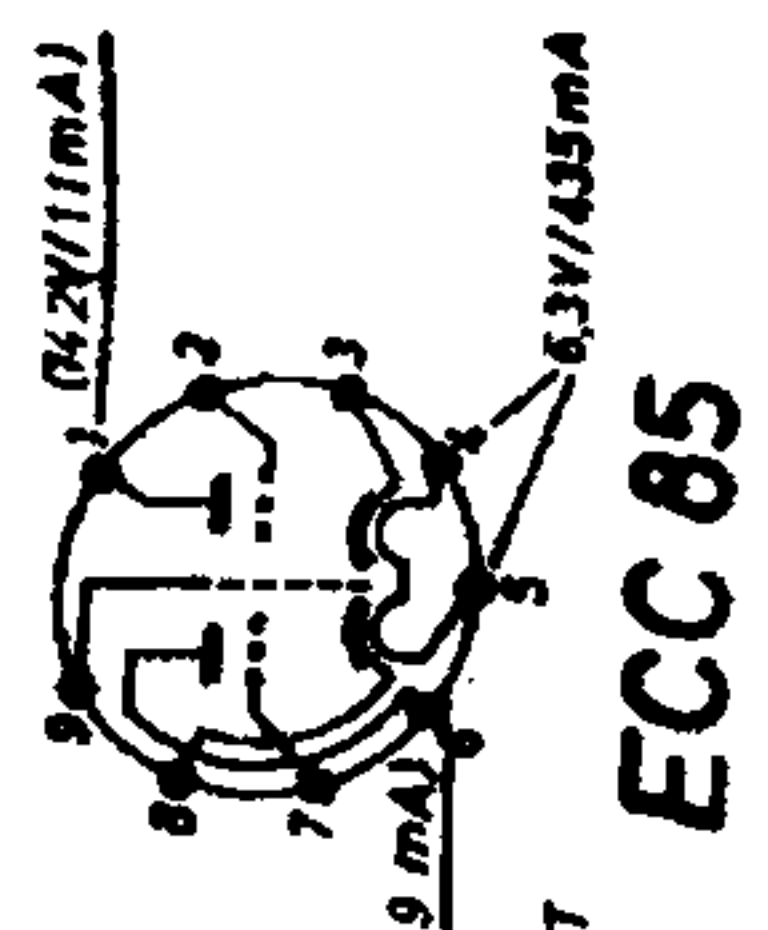
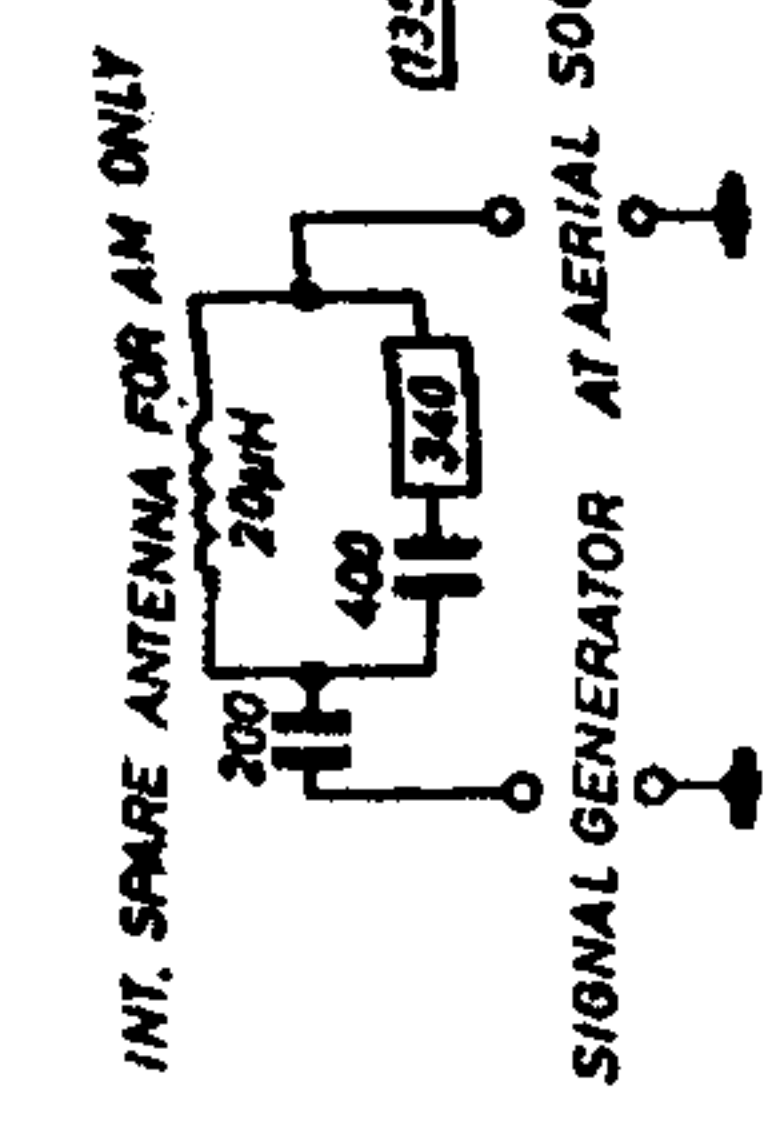
<sup>4)</sup> See circuit diagram.

<sup>5)</sup> Connect Galvanometer 25 μA to points F and P with zero in the centre (see circ. diagram) for aligning the reversing circuit L 722. At AM align L 722 to minimum output.

<sup>6)</sup> Alignment only, if range has shifted and adjustment is inaccurate.

Modifications reserved!

Order Nr. 957-074



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