

Components List

	<i>Resistors</i>	<i>Coils</i>	<i>Capacitors</i>	<i>Value</i>
	R ₁ 120Ω 1/4 watt		C ₁ , C ₂ 100pF variable, two-gang, with 100pF trimmers for 160 metres or 500pF with 30pF trimmers for medium wave band	V ₁ PCC84
	R ₂ 120Ω 1/4 watt		C ₃ , 4, 5, 6, 7 0.005μF, disc ceramic	Diode D ₁ GEX54 or equivalent
	R ₃ 10kΩ 1/4 watt		C ₈ , 9 1000pF tubular ceramic	
	R ₄ 47kΩ 1/4 watt		C ₁₀ 0.01μF paper	
	R ₅ 220kΩ 1/4 watt		C ₁₁ , 12 80pF tubular ceramic (see text)	
	VR ₁ 5kΩ pot	L ₁ , L ₂ (see text)		

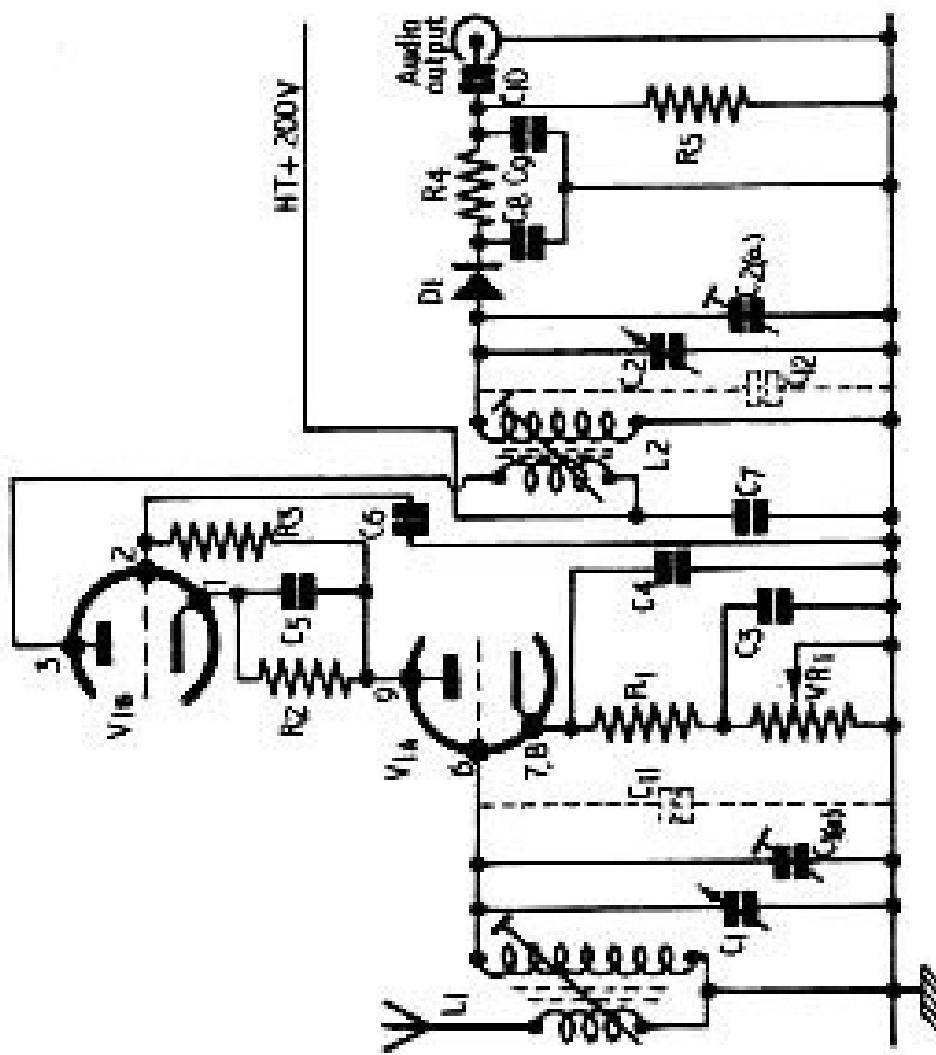
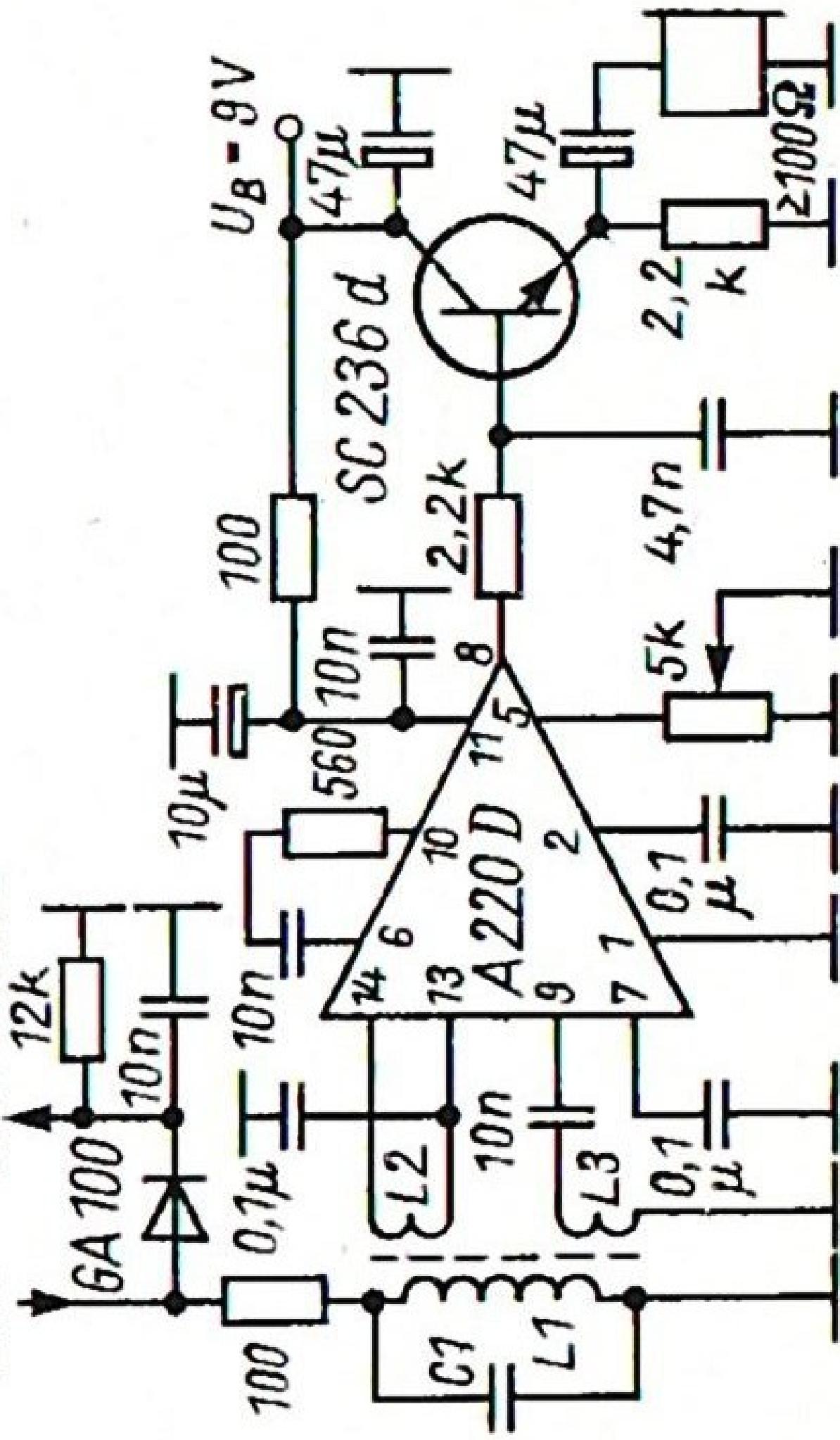
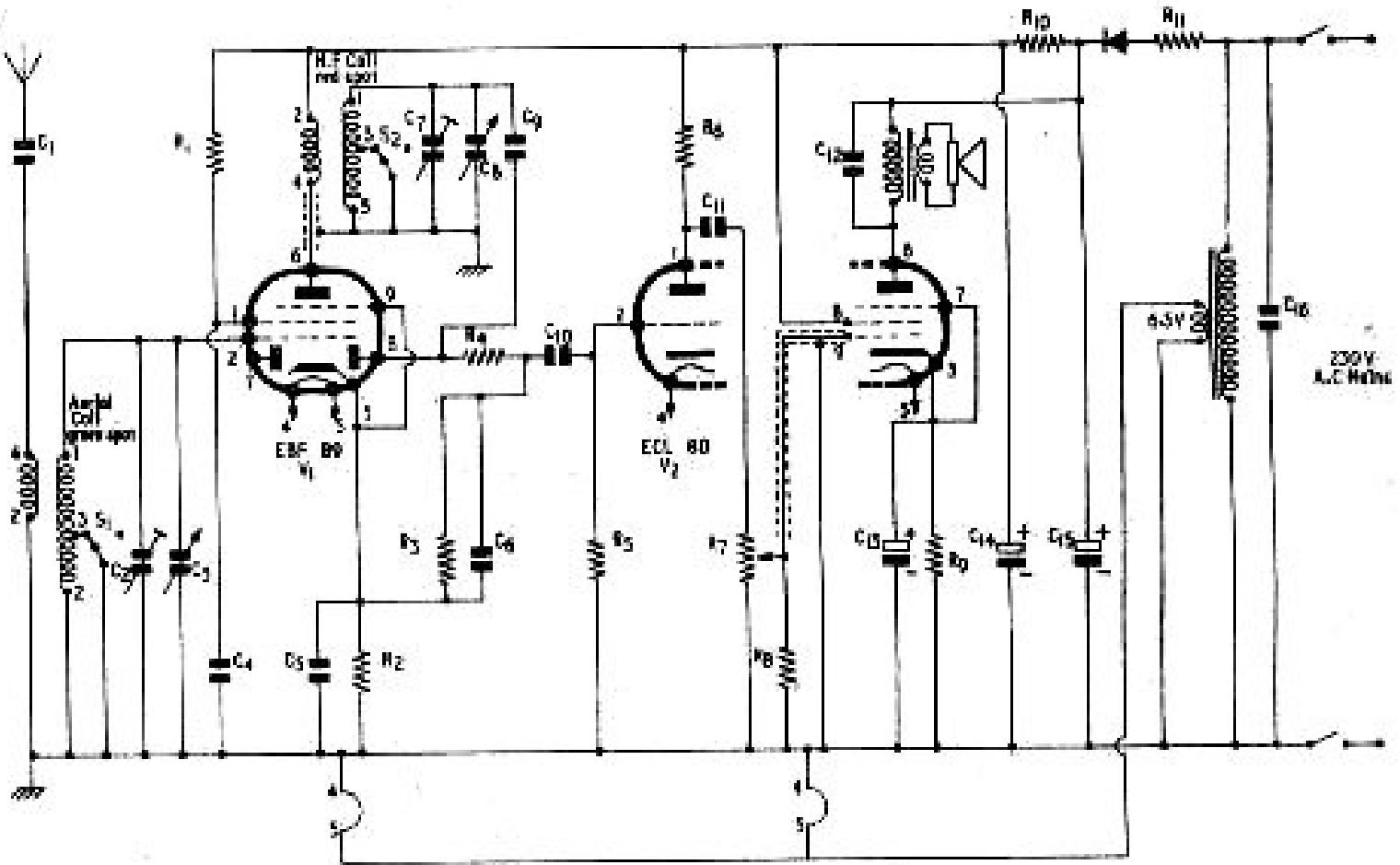


Fig. 1. The circuit of the cascade feeder unit. The audio output should preferably feed into an impedance of 1MΩ or more. The trimmers C_{1(a)} and C_{2(a)} are fitted to the tuning capacitors C₁ and C₂ respectively.

Pin 7 AVR A244D





Resistors

R ₁	68kΩ ½ watt
R ₂	330Ω ½ watt
R ₃	470kΩ ½ watt
R ₄	68kΩ ½ watt
R ₅	470kΩ ½ watt
R ₆	470kΩ ½ watt
R ₇	500kΩ pot with D.P. switch
R ₈	1MΩ ½ watt
R ₉	330Ω ½ watt
R ₁₀	1.2kΩ ½ watt
R ₁₁	220Ω ½ watt

Valves

V ₁	EBF89
V ₂	ECL80

Condensers

C ₁	0.001μF, tubular
C ₂ , C ₇	60pF trimmers
C ₃ , C ₈	500pF variable 2-gang
C ₄	0.05μF, tubular
C ₅	0.05μF, tubular
C ₆	300pF
C ₉	60pF
C ₁₀	0.001μF
C ₁₁	0.001μF
C ₁₂	0.001μF
C ₁₃	25μF, 25V wkg.
C ₁₄ , C ₁₅	32+32μF, 275V wkg.
C ₁₆	0.01μF tubular

Components List

<i>Resistors</i>		
R ₁	120Ω	1 watt
R ₂	120Ω	1 watt
R ₃	10kΩ	1 watt
R ₄	47kΩ	1 watt
R ₅	220kΩ	1 watt
VR ₁	5kΩ	pot
<i>Coils</i>		
L ₁ , L ₂	(see text)	
<i>Capacitors</i>		
C ₁ C ₂	100pF variable, two-gang, with 100pF trimmers for 160 metres or 500pF with 30pF trimmers for medium wave band	
C ₃ , 4, 5, 6, 7	0.005μF, disc ceramic	
C ₈ , 9	100pF tubular ceramic	
C ₁₀	0.01μF paper	
C ₁₁ , 12	80pF tubular ceramic (see text)	
<i>Valve</i>		
V ₁	PCC34	
<i>Diode</i>		
D ₁	GEX54 or equivalent	

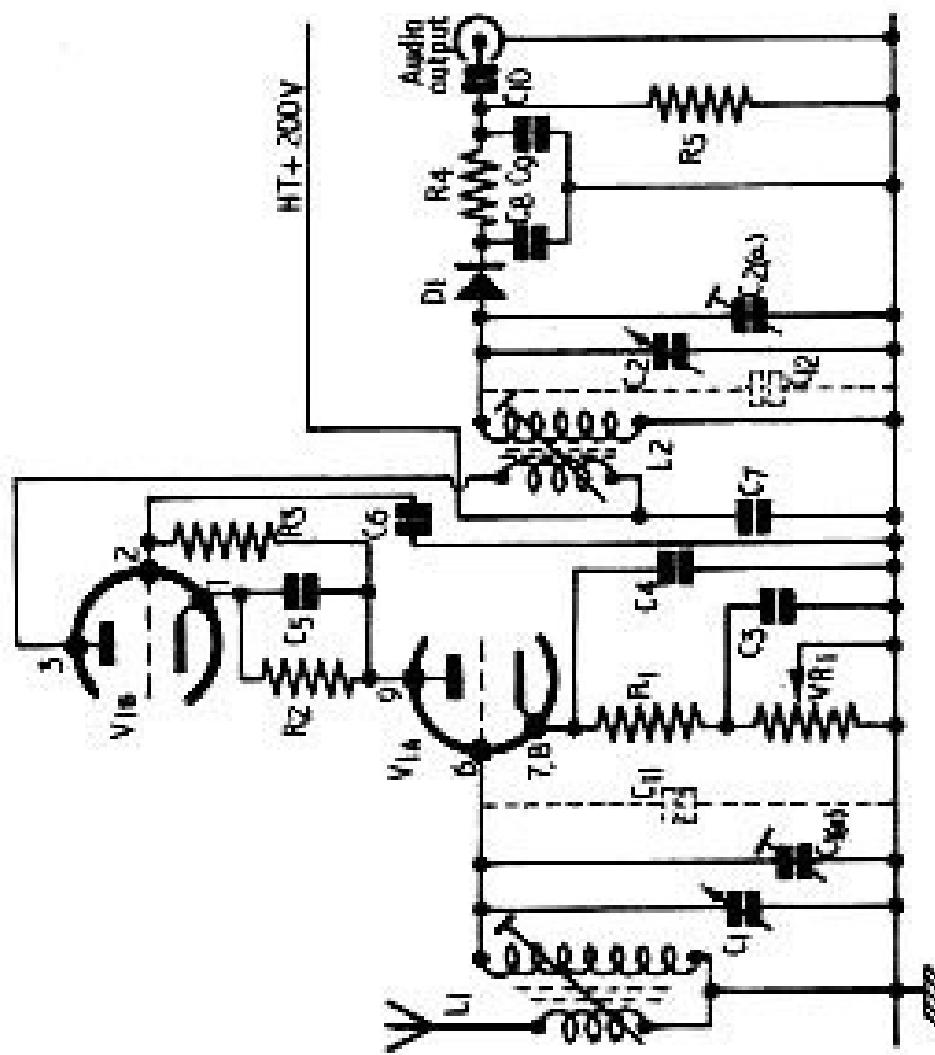
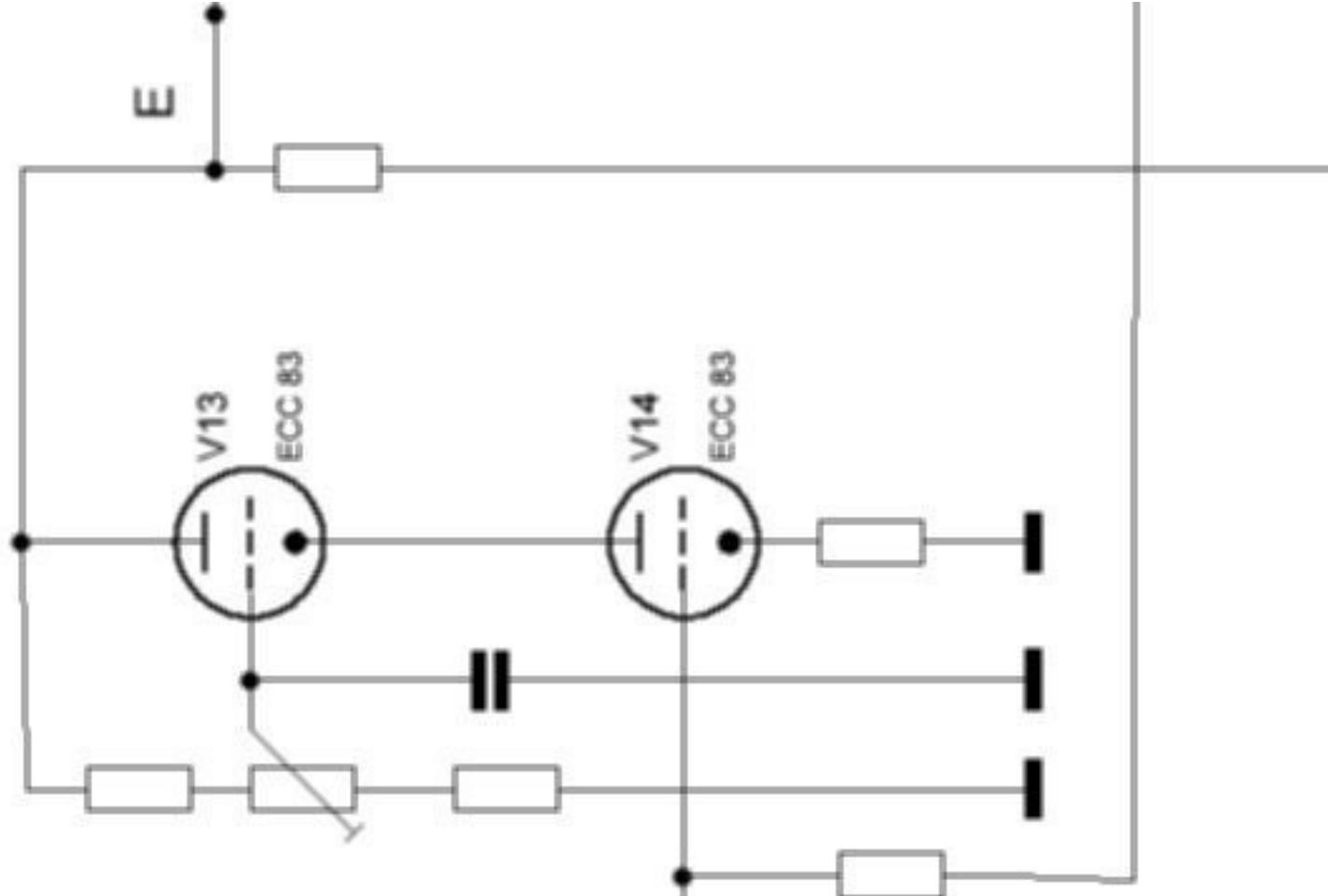
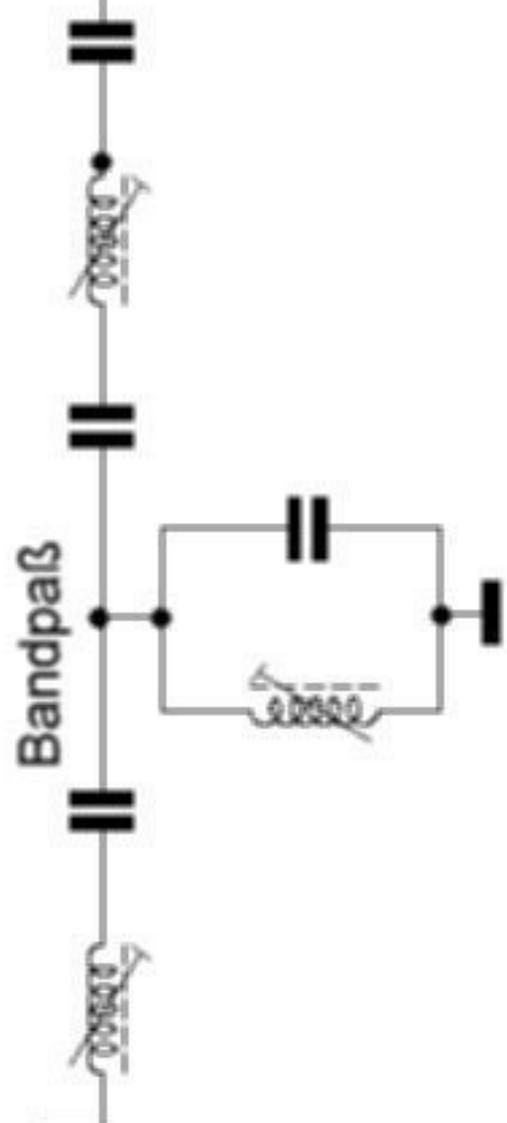


Fig. 1. The circuit of the cascode feeder unit. The audio output should preferably feed into an impedance of $1M\Omega$ or more. The trimmers $C_{1(a)}$ and $C_{2(b)}$ are fitted to the tuning capacitors C_1 and C_2 , respectively

Kaskode-Vorstufe



Kaskode geregelt



Antennenbau Schieren
Kay 48

