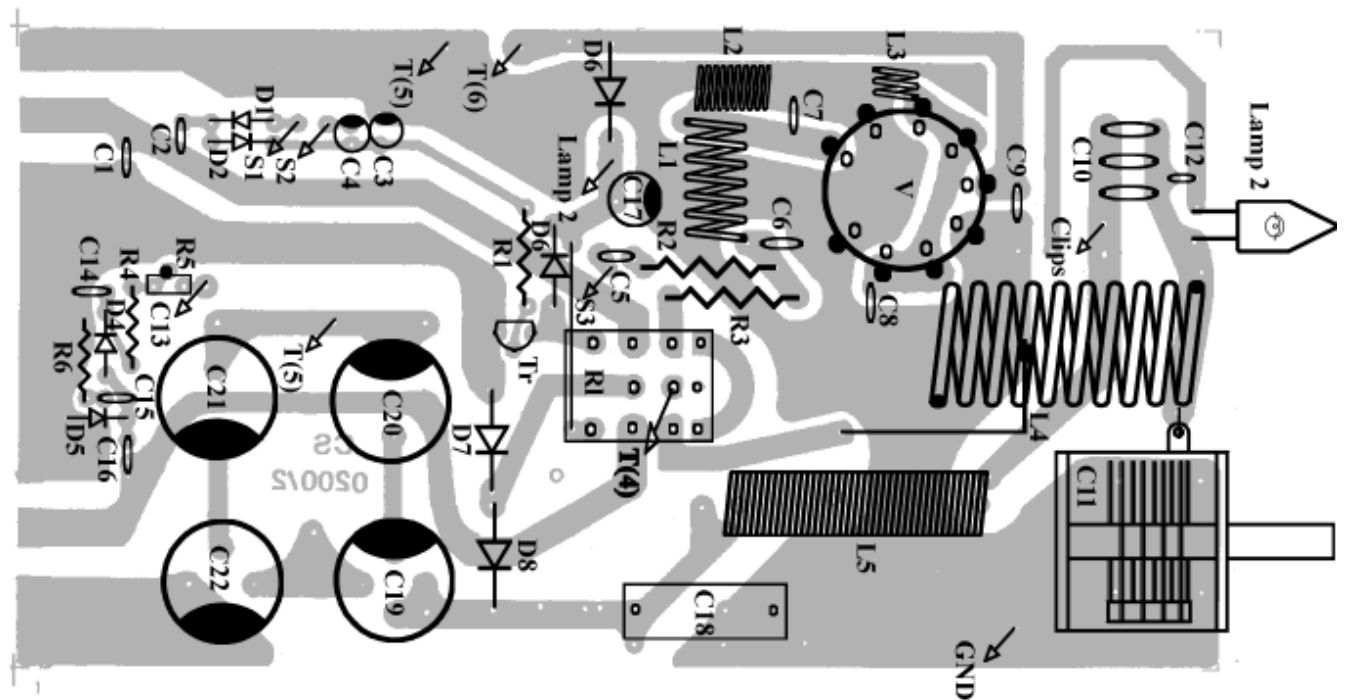
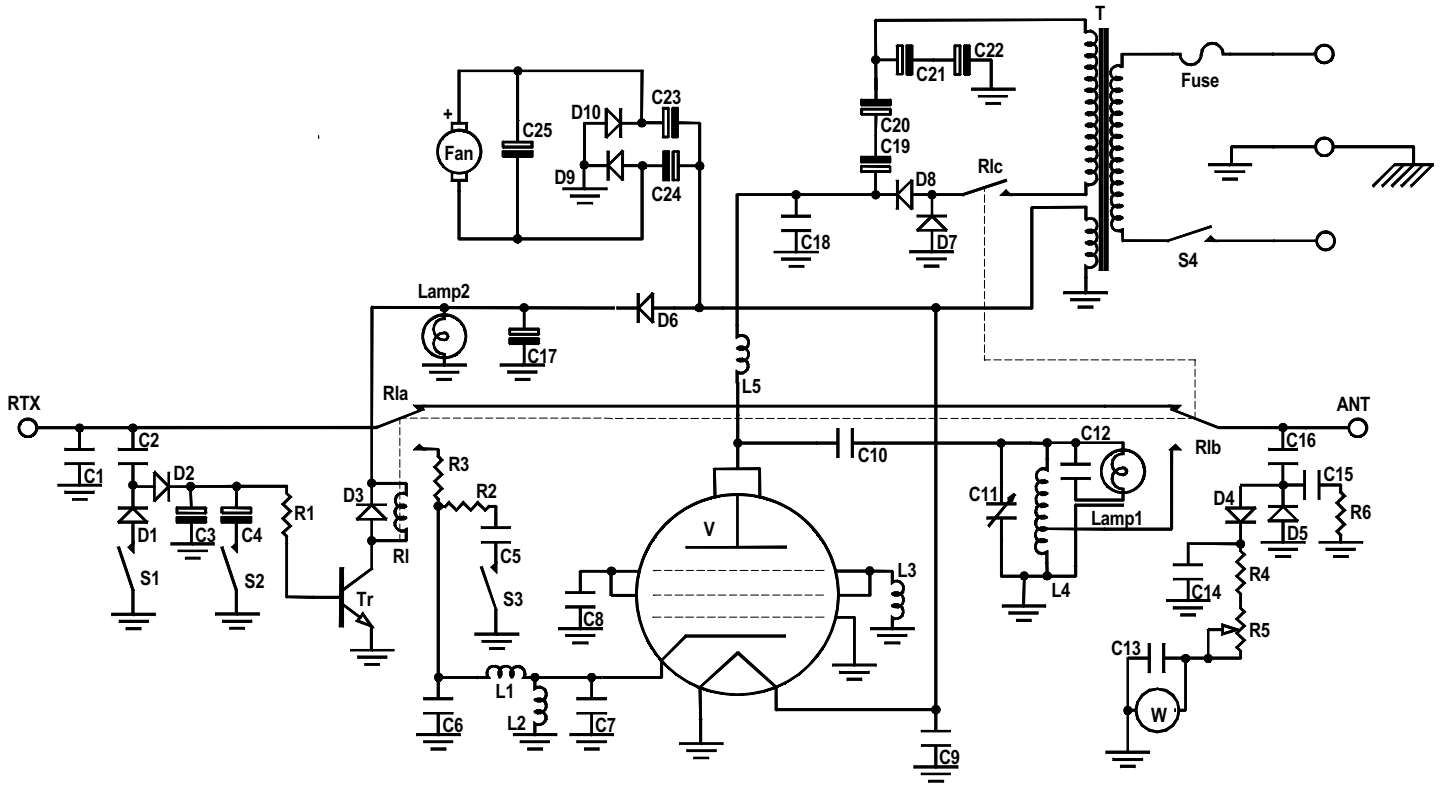


# Mod. KLV 200 linear amplifier

Schematic diagram

Version 2.00



**List of components**

C <sub>1</sub>	= 27 pF	50 V	N750	S <sub>4</sub>	= Switch 3A (ON - OFF)
C <sub>2</sub>	= 8,2 pF	50 V	N750	T	= Transformator IN 220 OUT 0-300 V 0-6 V
C <sub>3</sub>	= 10 µF	16 V		Fan	= Fan 12 V
C <sub>4</sub>	= 33 µF	16 V			
C <sub>5</sub>	= 82 pF	50 V	N750		
C <sub>6</sub>	= 150 pF	50 V	N750		
C <sub>7</sub>	= 220 pF	50 V	N750		
C <sub>8</sub>	= 270 pF	500 V	N750		
C <sub>9</sub>	= 100 nF	50 V			
C <sub>10</sub>	= 2 x 4,7 nF	1000 V			
C <sub>11</sub>	= Variable condensator	30 pF			
C <sub>12</sub>	= 27 pF	50 V	N750		
C <sub>13</sub>	= 100 nF	50 V			
C <sub>14</sub>	= 100 nF	50 V			
C <sub>15</sub>	= 33 pF	50 V	N750		
C <sub>16</sub>	= 2,2 pF	50 V	N750		
C <sub>17</sub>	= 470 µF	16 V			
C <sub>18</sub>	= 22 nF	1000 V			
C <sub>19</sub>	= 470 µF	200 V			
C <sub>20</sub>	= 470 µF	200 V			
C <sub>21</sub>	= 470 µF	200 V			
C <sub>22</sub>	= 470 µF	200 V			
C <sub>23</sub>	= 220 µF	16 V			
C <sub>24</sub>	= 220 µF	16 V			
C <sub>25</sub>	= 22 µF	16 V			
R <sub>1</sub>	= 2,2 KΩ	¼W			
R <sub>2</sub>	= 47 Ω	2W			
R <sub>3</sub>	= 15 Ω	2W			
R <sub>4</sub>	= 47 KΩ	¼W			
R <sub>5</sub>	= Trimmer	220 KΩ			
R <sub>6</sub>	= 27 Ω	½W			
D <sub>1</sub> = D <sub>2</sub> = D <sub>4</sub> = D <sub>5</sub>	= 1N4148				
D <sub>3</sub> = D <sub>6</sub> = D <sub>9</sub> = D <sub>10</sub>	= 1N4004				
D <sub>7</sub> = D <sub>8</sub>	= 1N4007				
Tr	= BC 547				
V	= EL 509 - EL 519				
L <sub>1</sub>	= 7 turns φ 8 mm wire φ 0.8 mm				
L <sub>2</sub>	= 9 turns φ 8 mm wire φ 0.8 mm				
L <sub>3</sub>	= 3 turns φ 5 mm wire φ 0.8 mm				
L <sub>4</sub>	= 13 turns φ 13 mm wire φ 1.5 mm tap 4 <sup>a</sup> turns				
L <sub>5</sub>	= RF impedance block				
RI	= Relè 12 V 5513				
Fuse	= 2 A				
Lamp <sub>1</sub>	= 24 V				
Lamp <sub>2</sub>	= Meter lamp				
S <sub>1</sub>	= Switch 3A (St. By - ON)				
S <sub>2</sub>	= Switch 3A (AM - SSB)				
S <sub>3</sub>	= Switch 3A (HI - LOW)				