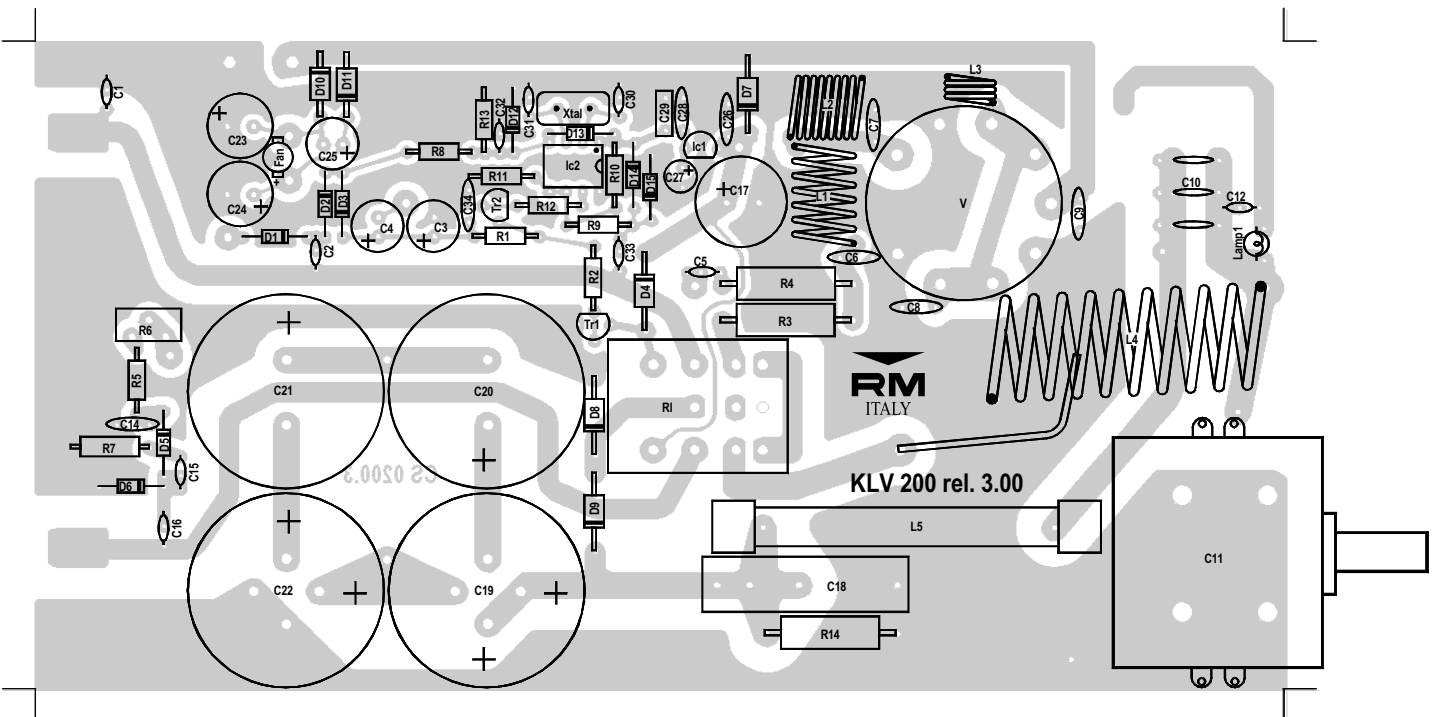
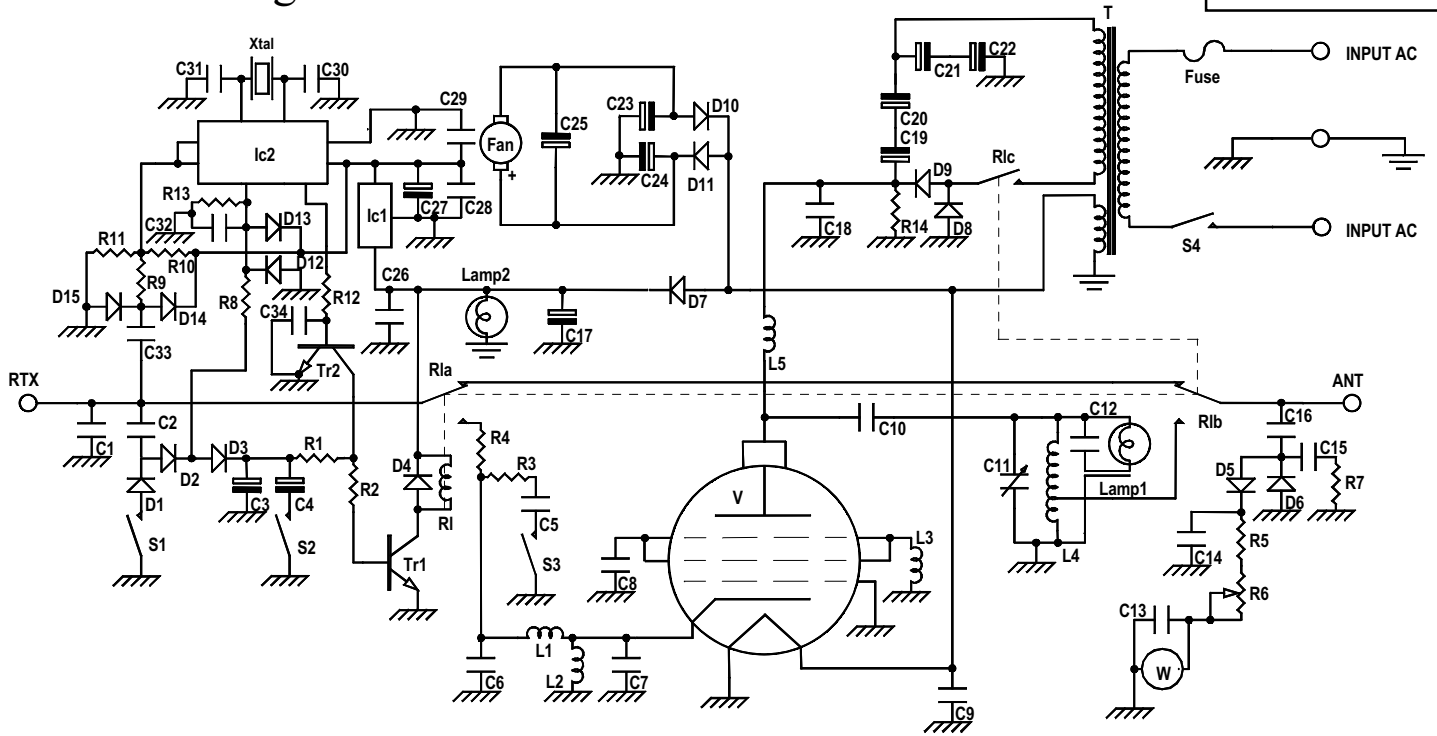


# Mod. KLV 200 linear amplifier

Schematic diagram

Version 3.10



**List of components**

C <sub>1</sub>	= 27 pF	50 V	N750	D <sub>1</sub>	= 1N4148
C <sub>2</sub>	= 8,2 pF	50 V	N750	D <sub>2</sub>	= 1N4148
C <sub>3</sub>	= 10 μF	16 V		D <sub>3</sub>	= 1N4148
C <sub>4</sub>	= 47 μF	16 V		D <sub>4</sub>	= 1N4004
C <sub>5</sub>	= 82 pF	50 V	N750	D <sub>5</sub>	= 1N4148
C <sub>6</sub>	= 150 pF	50 V	N750	D <sub>6</sub>	= 1N4148
C <sub>7</sub>	= 220 pF	50 V	N750	D <sub>7</sub>	= 1N4004
C <sub>8</sub>	= 150 pF	500 V	N750	D <sub>8</sub>	= 1N4007
C <sub>9</sub>	= 100 nF	50 V		D <sub>9</sub>	= 1N4007
C <sub>10</sub>	= 2 x 6,8 nF	1000 V		D <sub>10</sub>	= 1N4004
C <sub>11</sub>	= Variable condensator	30 pF		D <sub>11</sub>	= 1N4004
C <sub>12</sub>	=			D <sub>12</sub>	= 1N4148
C <sub>13</sub>	= 100 nF	50 V		D <sub>13</sub>	= 1N4148
C <sub>14</sub>	= 100 nF	50 V		D <sub>14</sub>	= 1N4148
C <sub>15</sub>	= 33 pF	50 V	N750	D <sub>15</sub>	= 1N4148
C <sub>16</sub>	= 2,2 pF	50 V	N750	Tr <sub>1</sub>	= BC 547
C <sub>17</sub>	= 470 μF	16 V		Tr <sub>2</sub>	= BC 547
C <sub>18</sub>	= 22 nF	1000 V	Polyester	Ic <sub>1</sub>	= LM 78L05
C <sub>19</sub>	= 100 μF	450 V		Ic <sub>2</sub>	= PIC 12C508A
C <sub>20</sub>	=			Xtal	= 4,0 MHz
C <sub>21</sub>	=			V	= EL 509 - EL 519
C <sub>22</sub>	= 100 μF	450 V		L <sub>1</sub>	= 7 turns φ 8 mm wire φ 0.8 mm
C <sub>23</sub>	= 220 μF	16 V		L <sub>2</sub>	= 9 turns φ 8 mm wire φ 0.8 mm
C <sub>24</sub>	= 220 μF	16 V		L <sub>3</sub>	= 3 turns φ 6 mm wire φ 0.8 mm
C <sub>25</sub>	= 22 μF	16 V		L <sub>4</sub>	= 13 turns φ 13 mm wire φ 1.5 mm tap 4 <sup>a</sup> turns
C <sub>26</sub>	= 10 nF	50 V		L <sub>5</sub>	= RF impedance block
C <sub>27</sub>	= 22 μF	16 V		R <sub>l</sub>	= Relè 6 V 5513
C <sub>28</sub>	= 10 nF	50 V		Fuse	= 4 A
C <sub>29</sub>	= 100 nF	63 V	polyester	Lamp <sub>1</sub>	= 24 V
C <sub>30</sub>	= 27 pF	50 V	N750	Lamp <sub>2</sub>	= Meter lamp
C <sub>31</sub>	= 27 pF	50 V	N750	S <sub>1</sub>	= Switch 3A (St. By - ON)
C <sub>32</sub>	= 10 nF	50 V		S <sub>2</sub>	= Switch 3A (AM - SSB)
C <sub>33</sub>	= 3,3 pF	50 V	N750	S <sub>3</sub>	= Switch 3A (HI - LOW)
C <sub>34</sub>	= 100 nF	50 V		S <sub>4</sub>	= Switch 3A (ON - OFF)
R <sub>1</sub>	= 1,0 KΩ	¼W		T	= Transformator IN 110 OUT 0-300 V 0-6 V
R <sub>2</sub>	= 1,0 KΩ	¼W		Fan	= Fan 12 V
R <sub>3</sub>	= 47 Ω	2W			
R <sub>4</sub>	= 15 Ω	2W			
R <sub>5</sub>	= 47 KΩ	¼W			
R <sub>6</sub>	= Trimmer	220 KΩ			
R <sub>7</sub>	= 27 Ω	½W			
R <sub>8</sub>	= 56 KΩ	¼W			
R <sub>9</sub>	= 100 Ω	¼W			
R <sub>10</sub>	= 10 KΩ	¼W			
R <sub>11</sub>	= 10 KΩ	¼W			
R <sub>12</sub>	= 1,0 KΩ	¼W			
R <sub>13</sub>	= 1,0 MΩ	¼W			
R <sub>14</sub>	= 470 KΩ	2W			