



# RM

# Costruzioni Elettroniche

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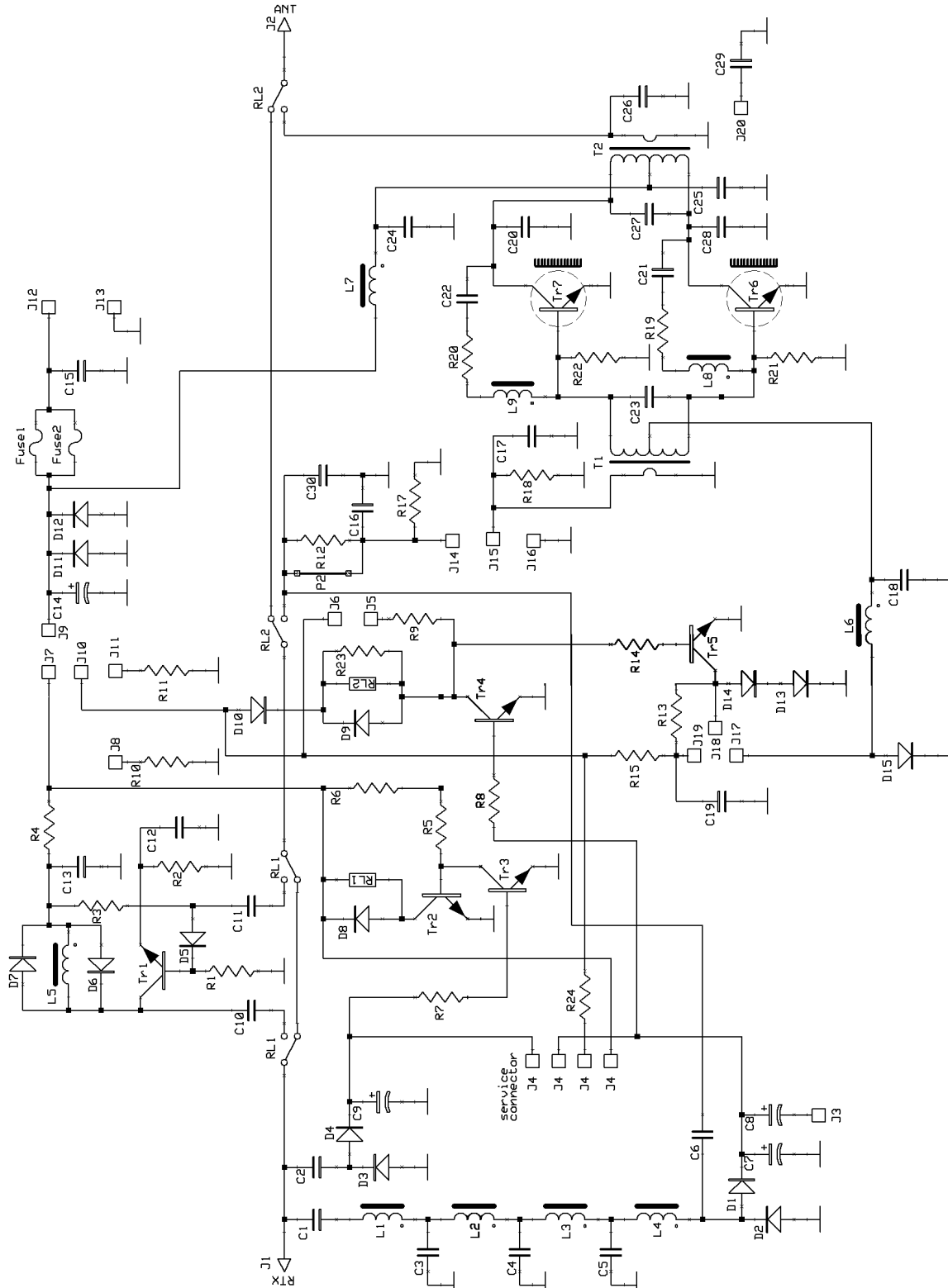
E-MAIL [ufftec@rmitaly.com](mailto:ufftec@rmitaly.com)

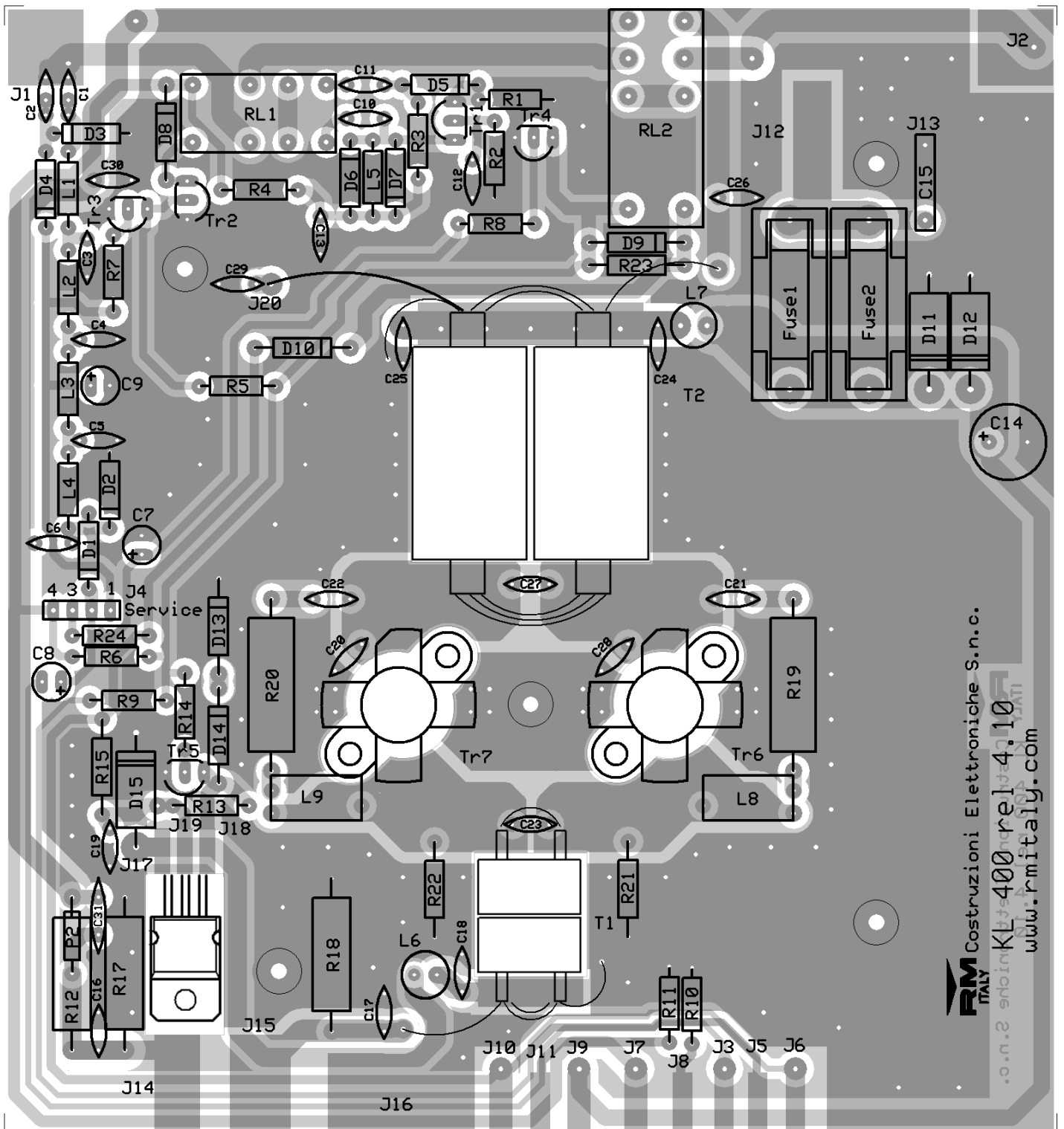
<http://www.rmitaly.com>

## Mod. KL 500-24 linear amplifier

Schematic diagram

Version 4.10





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 RM ITALY  
 KL400rel4.10  
 www.rmitaly.com

**List of components**

C 1 = 3,3 pF	50 V	NP0	C 8 = 33 µF	16 V	
C 2 = Not present			C 9 = Not present		
C 3 = Not present			C 10 = 150 pF	50 V	NP0
C 4 = Not present			C 11 = 56 pF	50 V	NP0
C 5 = Not present			C 12 = 470 pF	50 V	N750
C 6 = Not present			C 13 = 10 nF	50 V	
C 7 = 2,2 µF	16 V		C 14 = 470 µF	25V	
			C 15 = 470 nF	100 V	Polyester

C <sub>16</sub> = not present			D <sub>12</sub> = 1N5400
C <sub>17</sub> = 180 pF 50 V	NP0		D <sub>13</sub> = 1N4004
C <sub>18</sub> = 10 nF 50 V			D <sub>14</sub> = 1N4004
C <sub>19</sub> = 100 nF 50 V			D <sub>15</sub> = 1N5400
C <sub>20</sub> = 220 pF 500 V	N750		Tr <sub>1</sub> = BF 199
C <sub>21</sub> = 47 nF 50 V			Tr <sub>2</sub> = BC 547
C <sub>22</sub> = 47 nF 50 V			Tr <sub>3</sub> = BC 547
C <sub>23</sub> = 3 x 470 pF 50V	N750		Tr <sub>4</sub> = BC 547
C <sub>24</sub> = 100 nF 50 V			Tr <sub>5</sub> = BC 547
C <sub>25</sub> = 100 nF 50 V			Tr <sub>6</sub> = SD 1407
C <sub>26</sub> = 47 pF 1000 V	NP0		Tr <sub>7</sub> = SD 1407
C <sub>27</sub> = not present			L <sub>1</sub> = not present
C <sub>28</sub> = 220 pF 500 V	N750		L <sub>2</sub> = not present
C <sub>29</sub> = not present			L <sub>3</sub> = not present
C <sub>30</sub> = 82 pF 50 V	NP0		L <sub>4</sub> = not present
C <sub>31</sub> = not present			L <sub>5</sub> = 10 μH
R <sub>1</sub> = 2,2 KΩ ¼W			L <sub>6</sub> = VK 200 1 wire
R <sub>2</sub> = 100 Ω ¼W			L <sub>7</sub> = VK 200 2 wires
R <sub>3</sub> = 12 KΩ ¼W			Rl <sub>1</sub> = Relè 24 V 30229024
R <sub>4</sub> = 1,5 KΩ ¼W			Rl <sub>2</sub> = Relè 24 V 41529024
R <sub>5</sub> = 12 KΩ ¼W			Fuse = 2 x 8A 5x20 Fast
R <sub>6</sub> = 12 KΩ ¼W			T <sub>1</sub> = Input transformer
R <sub>7</sub> = not present			T <sub>2</sub> = Output transformer
R <sub>8</sub> = 2,2 KΩ ¼W			
R <sub>9</sub> = 2,2 KΩ ¼W			
R <sub>10</sub> = 2,2 KΩ ¼W			
R <sub>11</sub> = 2,2 KΩ ¼W			
R <sub>12</sub> = not present			
R <sub>13</sub> = 3,3 KΩ ¼W			
R <sub>14</sub> = 12 KΩ ¼W			
R <sub>15</sub> = 1,0 Ω ½W			
R <sub>17</sub> = not present			
R <sub>18</sub> = 150 Ω 2W			
R <sub>19</sub> = 68 Ω 2W			
R <sub>20</sub> = 68 Ω 2W			
R <sub>21</sub> = 10 Ω ½W			
R <sub>22</sub> = 10 Ω ½W			
R <sub>23</sub> = 1,2 KΩ ½W			
R <sub>24</sub> = not present			
D <sub>1</sub> = not present			
D <sub>2</sub> = not present			
D <sub>3</sub> = 1N4148			
D <sub>4</sub> = 1N4148			
D <sub>5</sub> = 1N4148			
D <sub>6</sub> = 1N4148			
D <sub>7</sub> = 1N4148			
D <sub>8</sub> = 1N4004			
D <sub>9</sub> = 1N4004			
D <sub>10</sub> = 1N4004			
D <sub>11</sub> = 1N5400			