

| Circuit Amplificateur |                       | Valeur         | Volt/Puiss. | Tol/Type | Pas (mm)    |
|-----------------------|-----------------------|----------------|-------------|----------|-------------|
| 6                     | C1,C2,C7,C8,C9,C10    | 1 $\mu$ F      | 63V         | Radial   | 5           |
| 3                     | C3,C4,C61             | 100nF          | 400V        | Radial   | 15          |
| 2                     | C5,C6                 | 10 $\mu$ F     | 400V        | Axial    | 40          |
| 2                     | C11,C12               | 470 $\mu$ F    | 63V         | Radial   | 5           |
| 1                     | C60                   | 100 $\mu$ F    | 400V        | Radial   | 10          |
| 2                     | P1,P2                 | 220 k $\Omega$ | 10T         | Vertical |             |
| 1                     | P60                   | 100 k $\Omega$ | Log         | Stéréo   |             |
| 2                     | Ph1,Ph2 (Voir Texte)  |                |             |          |             |
| 2                     | R1,R2                 | 22 k $\Omega$  | 1/2W        | 5%       |             |
| 6                     | R3,R4,R17,R18,R25,R26 | 4,7 k $\Omega$ | 1/2W        | 5%       |             |
| 2                     | R5,R6                 | 100 k $\Omega$ | 1/2W        | 5%       |             |
| 4                     | R7,R8,R11,R12         | 1 k $\Omega$   | 1/2W        | 5%       |             |
| 2                     | R9,R10                | 10 k $\Omega$  | 1/2W        | 5%       |             |
| 4                     | R13,R14,R15,R16       | 27 k $\Omega$  | 2W          | 5% MO    | Metal Oxyde |
| 2                     | R19,R20               | 2,2 M $\Omega$ | 1/2W        | 5%       |             |
| 2                     | R21,R22               | 220 k $\Omega$ | 1/2W        | 5%       |             |
| 2                     | R23,R24               | 4,7 k $\Omega$ | 2W          | 5% MO    |             |
| 2                     | R31,R32               | 300 $\Omega$   | 1/4W        | 1% MF    | Metal Film  |
| 2                     | R33,R34               | 270 $\Omega$   | 1/4W        | 1% MF    |             |
| 2                     | TR1,TR2 (Voir Texte)  | LL1517         |             | Lundahl  |             |
| 2                     | TR3,TR4 (Voir Texte)  | N35A002F       |             | OEP      |             |
| 2                     | V1,V2                 | ECC81          |             |          |             |
| 2                     | V3,V4                 | ECC99          |             |          |             |

| Circuit Compresseur |                        | Valeur                 | Volt/Puiss. | Tol/Type | Pas (mm)   |
|---------------------|------------------------|------------------------|-------------|----------|------------|
| 2                   | C1,C2                  | 4,7 $\mu$ F            | 25V         | Radial   | 2,54       |
| 2                   | C3,C4                  | 470nF                  | 63V         | Radial   | 5          |
| 2                   | C5,C6                  | 1nF                    | 100V        | Radial   | 5          |
| 2                   | C7,C8                  | 100nF                  | 100V        | Radial   | 5          |
| 2                   | C9,C10                 | 470 $\mu$ F            | 16V         | Radial   | 5          |
| 1                   | C60                    | 220 $\mu$ F            | 35V         | Radial   | 5          |
| 1                   | C61                    | 1 $\mu$ F              | 63V         | Radial   | 5          |
| 2                   | D1,D2                  | Zener 4,7V             | 400mW       |          |            |
| 2                   | D3,D4                  | LED Rouge              | 12V         |          |            |
| 2                   | IC1,IC2                | LF356                  |             |          |            |
| 2                   | IC3,IC4                | 741                    |             |          |            |
| 2                   | LP1, LP2               | 6V                     | 60mA        | Radial   | 2,54       |
| 2                   | P1,P2                  | 47 k $\Omega$          | 10T         | Vertical |            |
| 2                   | P3,P4                  | 10 k $\Omega$ + switch |             | Lin      |            |
| 2                   | R1,R2                  | 27 k $\Omega$          | 1/4W        | 1% MF    | Metal Film |
| 2                   | R3,R4                  | 1 M $\Omega$           | 1/4W        | 1% MF    |            |
| 6                   | R5,R6,R25,R26,R29,R30  | 100 k $\Omega$         | 1/4W        | 1% MF    |            |
| 2                   | R7,R8                  | 22 k $\Omega$          | 1/4W        | 1% MF    |            |
| 6                   | R9,R10,R11,R12,R23,R24 | 220 k $\Omega$         | 1/4W        | 1% MF    |            |
| 4                   | R13,R14,R31,R32        | 10 k $\Omega$          | 1/4W        | 1% MF    |            |
| 4                   | R15,R16,R17,R18        | 100 $\Omega$           | 1/4W        | 1% MF    |            |
| 4                   | R19,R20,R21,R22        | 10 $\Omega$            | 1/4W        | 1% MF    |            |
| 2                   | R27,R28                | 6,8 k $\Omega$         | 1/4W        | 1% MF    |            |

| Circuit Alimentation |         | Valeur      | Volt/Puiss. | Tol/Type | Pas (mm) |
|----------------------|---------|-------------|-------------|----------|----------|
| 2                    | C80,C86 | 82 $\mu$ F  | 500V        | Radial   | 10       |
| 1                    | C81     | 220nF       | 630V        | Radial   | 22,5     |
| 1                    | C82     | 470nF       | 400V        | Radial   | 22,5     |
| 1                    | C83     | 2,2 $\mu$ F | 400V        | Radial   | 27,5     |

|   |                              |                |          |             |             |
|---|------------------------------|----------------|----------|-------------|-------------|
| 1 | C85                          | 10nF           | 630V     | Radial      | 10          |
| 1 | C89                          | 1nF            | 630V     | Radial      | 10          |
| 2 | C90,C93                      | 1 $\mu$ F      | 63V      | Radial      | 5           |
| 1 | C91                          | 2200 $\mu$ F   | 63V      | Radial      | 10          |
| 1 | C92                          | 100 $\mu$ F    | 63V      | Radial      | 5           |
| 1 | C94                          | 100nF          | 63V      | Radial      | 5           |
| 1 | B80                          | 600V           | 1A       | Pont        |             |
| 1 | B90                          | 40V            | 6A       | Pont        |             |
| 2 | D80,D81                      | 5,6V           | 400mW    | Zener       |             |
| 1 | D82                          | 120V           | 1,3W     | Zener       |             |
| 4 | D83,D84,D85,D90              | 1N4007         |          |             |             |
| 1 | D91                          | 1N4148         |          |             |             |
| 1 | D92                          | LED Verte      | 24V      |             |             |
| 1 | FS1                          | 400mA          |          | Retardé (T) | 20          |
| 1 | IC90                         | 7824           | 24V / 1A |             |             |
| 1 | L80                          | 5H             | 75mA     |             |             |
| 1 | Q80                          | 2N5401         |          |             |             |
| 1 | Q81                          | BUZ80          |          |             |             |
| 2 | R80,R85                      | 220 k $\Omega$ | 2W       | 5% MO       | Metal Oxyde |
| 2 | R81,R82                      | 150 k $\Omega$ | 0,66W    | 1% MF       | Metal Film  |
| 1 | R83                          | 10 k $\Omega$  | 0,5W     | 1% MF       |             |
| 1 | R84                          | 10 M $\Omega$  | 0,5W     | 1% MF       |             |
| 1 | R86 (Selection - voir texte) | 56 k $\Omega$  | 0,66W    | 1% MF       |             |
| 1 | R90                          | 4,7 $\Omega$   | 10W      | 5%          | Aluminium   |
| 1 | TR1 (voir Texte)             |                |          |             |             |

## DIVERS

4 Support tube noval céramique pour PCB

3 Fils de raccordement des LED

1 Interrupteur DPDT

3 Boutons "Volume" 6 mm

1 Socle Jack 6,35 mm stéréo

2 VU-mètre

1 Chassis 305x279x65 mm

1 Porte fusible chassis (20 mm)

1 Interrupteur thermique - Coupure à 75°C

1 Socle fiche banane

1 Socle RCA pour PCB

2 Socle XLR - 3 contacts pour PCB

2 Mica isolant TO220

1 Socle mâle 230V/1A pour chassis