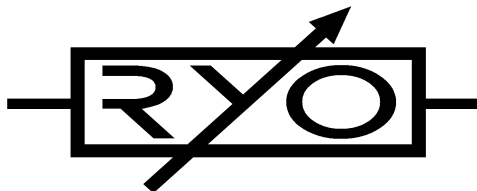


Ljunggren Audio – Roll Your Own
 Bills of material
AMPMIX 1.3



COMPONENTS

| TYPE | PART | VALUE | PCS | NOTE |
|---------------|--|-------------|-----|---------------------------------------|
| Resistor | R3 | 10K | 1 | Ca 3.5mm long resistor |
| Resistor | R13, R14, R15, R16 | 330R | 4 | Ca 3.5mm long resistor |
| Resistor | R5, R6, R7, R8, R9, R10, R11, R12, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31 | 22K, 1% | 23 | 1% tolerance. Ca 3.5mm long resistor |
| Resistor | R1, R2 | 10R | 2 | Ca 7mm long resistor |
| Diode | D1, D2 | SB130 | 2 | Or 1N5818. Power polarity protection. |
| Capacitor | C9, C10, C11, C16 | 68pF | 4 | Ceramic 2.5mm |
| Capacitor | C1, C2, C7, C8, C12, C13, C14, C15 | 100nF | 8 | Ceramic X7R 2.5mm |
| IC Socket | IC1 | 8 pin | 1 | |
| Opamp | IC1 | TL072 | 1 | Or TL082 |
| IC Socket | IC2, IC3 | 14 pin | 2 | |
| Opamp | IC2, IC3 | TL084 | 2 | Or TL074 |
| Electrolytic | C3, C4, C6 | 10uF | 3 | 2mm pin pitch, 5mm dia, 5mm height |
| Volt ref. | D3 | LM4040 2.5V | 1 | |
| Power header | POWER | 10 pin | 1 | boxed and keyed euro power header |
| Jack | IN1, IN2, IN3, IN4, OUT1, OUT2, OUT3, OUT4 | 3.5mm | 8 | PJ301BM |
| Potentiometer | POT1, POT2, POT3, POT4 | 22K linear | 4 | Or 25K. Snap in 9mm metal shaft. |

OTHER

| TYPE | PART | VALUE | PCS | NOTE |
|-----------------|------|-------|-----|--------------------------------|
| Faceplate | | 8hp | 1 | PCB material (FR4), black, 2mm |
| PCB | | | 1 | |
| Power cable | | IDC | 1 | 16pin – 10pin |
| Mounting screws | | | 2 | M3x6 black pozi |