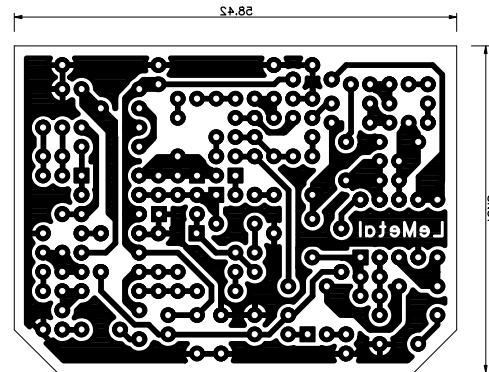
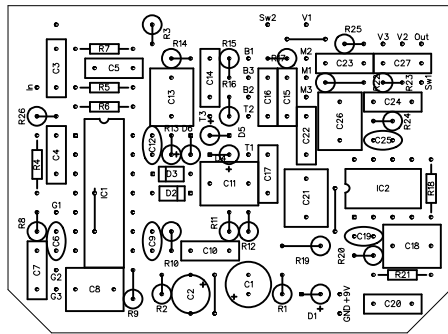


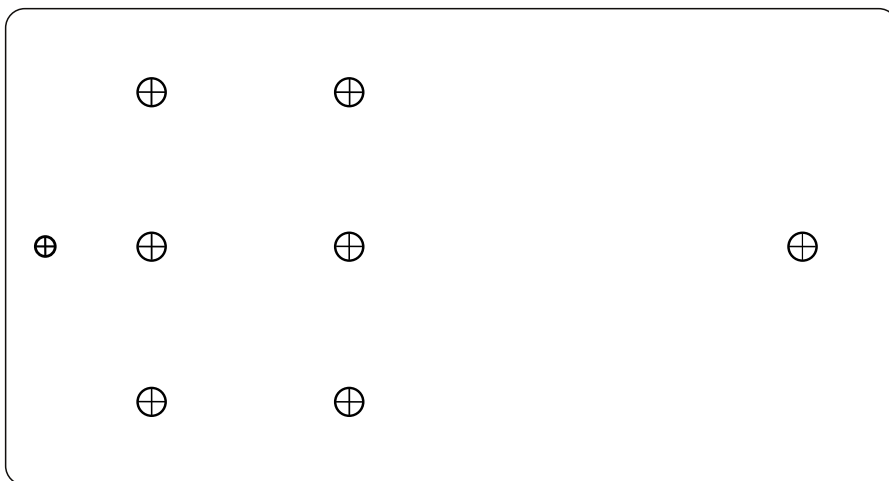
LAYOUT

Print out the PCB design without any resizing options and make sure you switch off the “fit to page” option. The design is free for personal/home use and you also may build one or two for your friends, but the PCB layout is my artwork, therefore protected by copyright and is not permitted to be used for commercial purposes. Please note that this layout will only fit into a 125B enclosure (or larger).



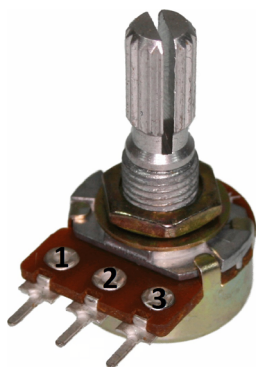
DRILLING TEMPLATES

You can use this drilling template for a 125B sized enclosure.



BOM							
Resistors		Capacitors		Semiconductors		Others	
R1	47R	C1	100u	D1	1N5817	Bass	C100k
R2	10k	C2	10u	D2	1N4148	Mid	A100k
R3	10k	C3	220p	D3	1N4148	Treble	A50k
R4	1M	C4	220n	D4	1N4148	Gain	A100k
R5	470k	C5	33n	D5	1N4148	Volume	A100k
R6	10k	C6	560p	D6	1N4148	Voice	SPST switch
R7	470k	C7	220n	IC1	TL074		
R8	1k	C8	1u	IC2	TL072		
R9	10k	C9	220p				
R10	470k	C10	220n				
R11	1k	C11	1u				
R12	47k	C12	220p				
R13	100k	C13	1u				
R14	1k	C14	4.7k				
R15	10k	C15	47k				
R16	4.7k	C16	100n				
R17	1k	C17	47n				
R18	470k	C18	1u				
R19	470k	C19	470p				
R20	47k	C20	47n				
R21	47k	C21	1u				
R22	33k	C22	100n				
R23	33k	C23	47n				
R24	680k	C24	1n				
R25	10k	C25	330p				
R26	1k	C26	1u				
		C27	4.7n				

NOTES



This layout is intended for a 125B enclosure or larger. The pots connect to the PCB by wires, I would suggest to use plastic sealing caps on the pots and to stick the PCB on top of them by some double-sided tape. The pad numbering follows the usual numbering of the pot lugs (see picture). For the switch you can use an SPST switch or one half of an SPDT switch as well.