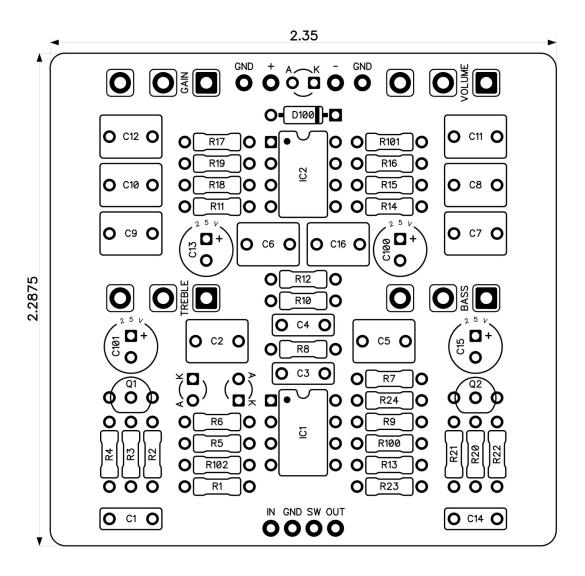


Revised 8/13/23



CONTROLS AND FEATURES

- Volume
- Gain
- Bass
- Treble

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Parts List (Page 1 of 2)

LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	1K	Resistor, 1/4W	
R3	510K	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	10K	Resistor, 1/4W	
R6	4K7	Resistor, 1/4W	
R7	2K4	Resistor, 1/4W	
R8	1K	Resistor, 1/4W	
R9	1K	Resistor, 1/4W	
R10	1K	Resistor, 1/4W	
R11	220R	Resistor, 1/4W	
R12	19K1	Resistor, 1/4W	
R13	10K	Resistor, 1/4W	
R14	10K	Resistor, 1/4W	
R15	47K	Resistor, 1/4W	
R16	4K7	Resistor, 1/4W	
R17	4K7	Resistor, 1/4W	
R18	33K	Resistor, 1/4W	
R19	10K	Resistor, 1/4W	
R20	510K	Resistor, 1/4W	
R21	10K	Resistor, 1/4W	
R22	100R	Resistor, 1/4W	
R23	10K	Resistor, 1/4W	
R24	1K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	* LED current limiting resistor
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
C1	100n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Film capacitor, 7.2 x 5.0mm	
C3	56p	Ceramic capacitor	
C4	100n	Film capacitor, 7.2 x 2.5mm	
C5	220n	Film capacitor, 7.2 x 5.0mm	
C6	220n	Film capacitor, 7.2 x 5.0mm	
C6 C7	100n	Film capacitor, 7.2 x 2.5mm	
C8	150p	Ceramic capacitor	
C9	4n7	Film capacitor, 7.2 x 2.5mm	
C10	4n7	Film capacitor, 7.2 x 2.5mm	
C11	33n	Film capacitor, 7.2 x 2.5mm	
C12	33n	Film capacitor, 7.2 x 2.5mm	
C13	10u	Electrolytic capacitor, 5mm	
C14	100n	Film capacitor, 7.2 x 2.5mm	
C15	10u	Electrolytic capacitor, 5mm	
C16	1u	Film capacitor, 7.2 x 5.0mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	47u	Electrolytic capacitor, 5mm	
		Continued on next page	
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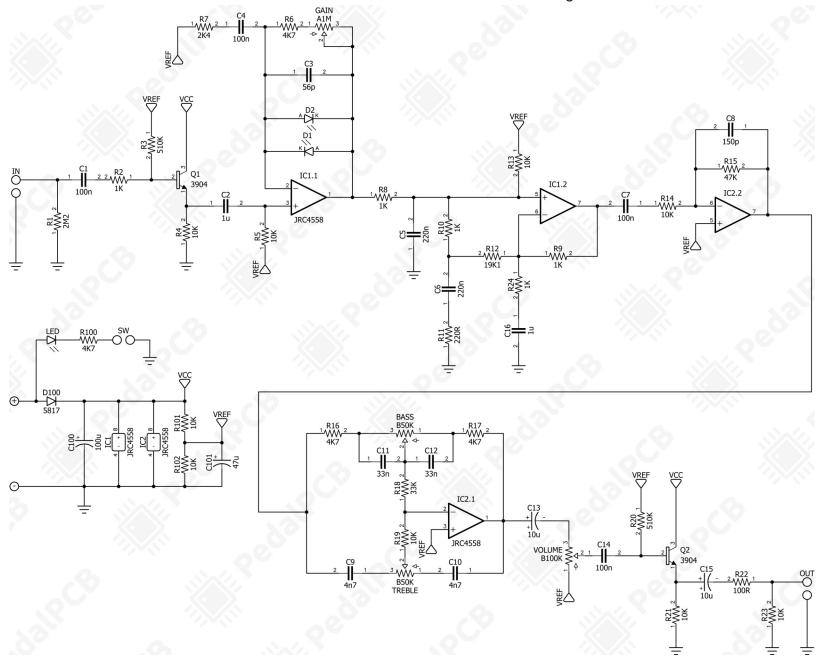


Parts List (Page 2 of 2)

LOCATION	VALUE	TYPE	NOTES
D1	3mm Red	3mm Red LED, Diffused	
D2	3mm Red	3mm Red LED, Diffused	
D100	1N5817	3mm Red LED, Diffused Schottky diode, DO-41	
D 100	1110017	Containly diode, BO 41	
Ω1	2N3904	BJT transistor, NPN TO-92	
Q1 Q2	2N3904	BJT transistor, NPN TO-92	
QZ	2110304	10 transistor, 14 14 10 32	
IC1	JRC4558	Dual op-amp, DIP8	
IC2	JRC4558	Dual op-amp, DIP8	
102	01101000	Budi op dilip, bli o	
VOLUME	B100K	16mm right-angle PCB mount pot	
GAIN	A1M	16mm right-angle PCB mount pot	
BASS	B50K	16mm right-angle PCB mount pot	
TREBLE	B50K	16mm right-angle PCB mount pot	
		Tomm right dright 1 Ob modift pot	

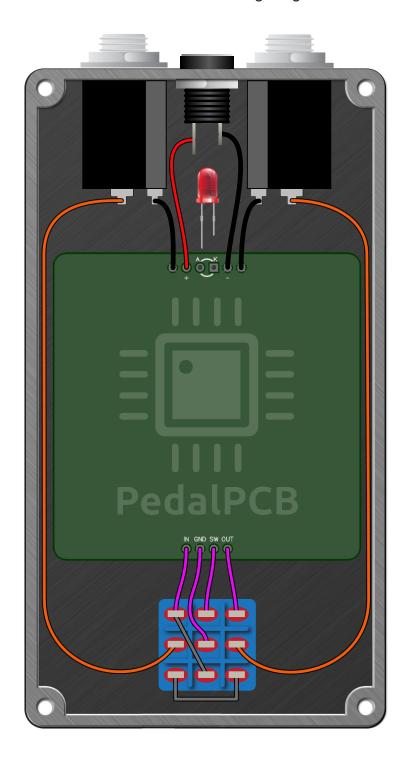


Schematic Diagram





Wiring Diagram





Drill Template
125B Enclosure

