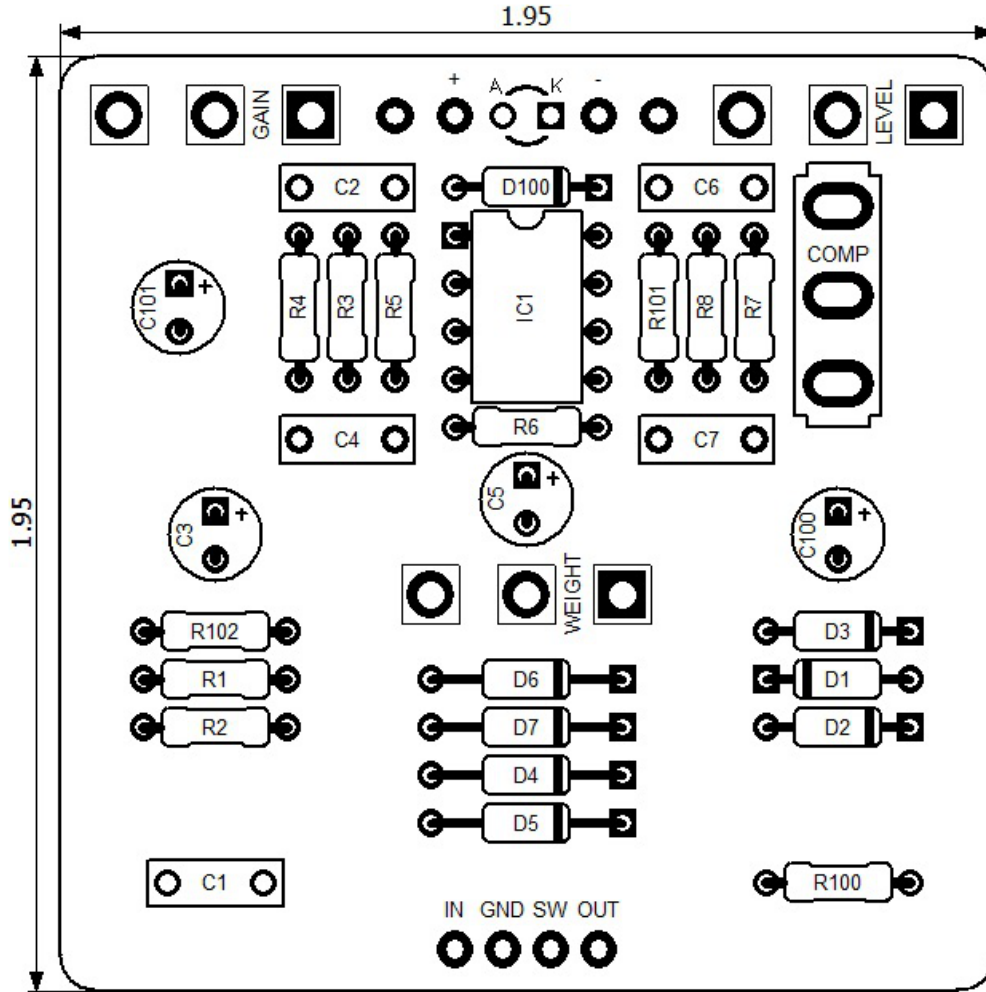




Irrlicht Overdrive

Revised 8/8/21

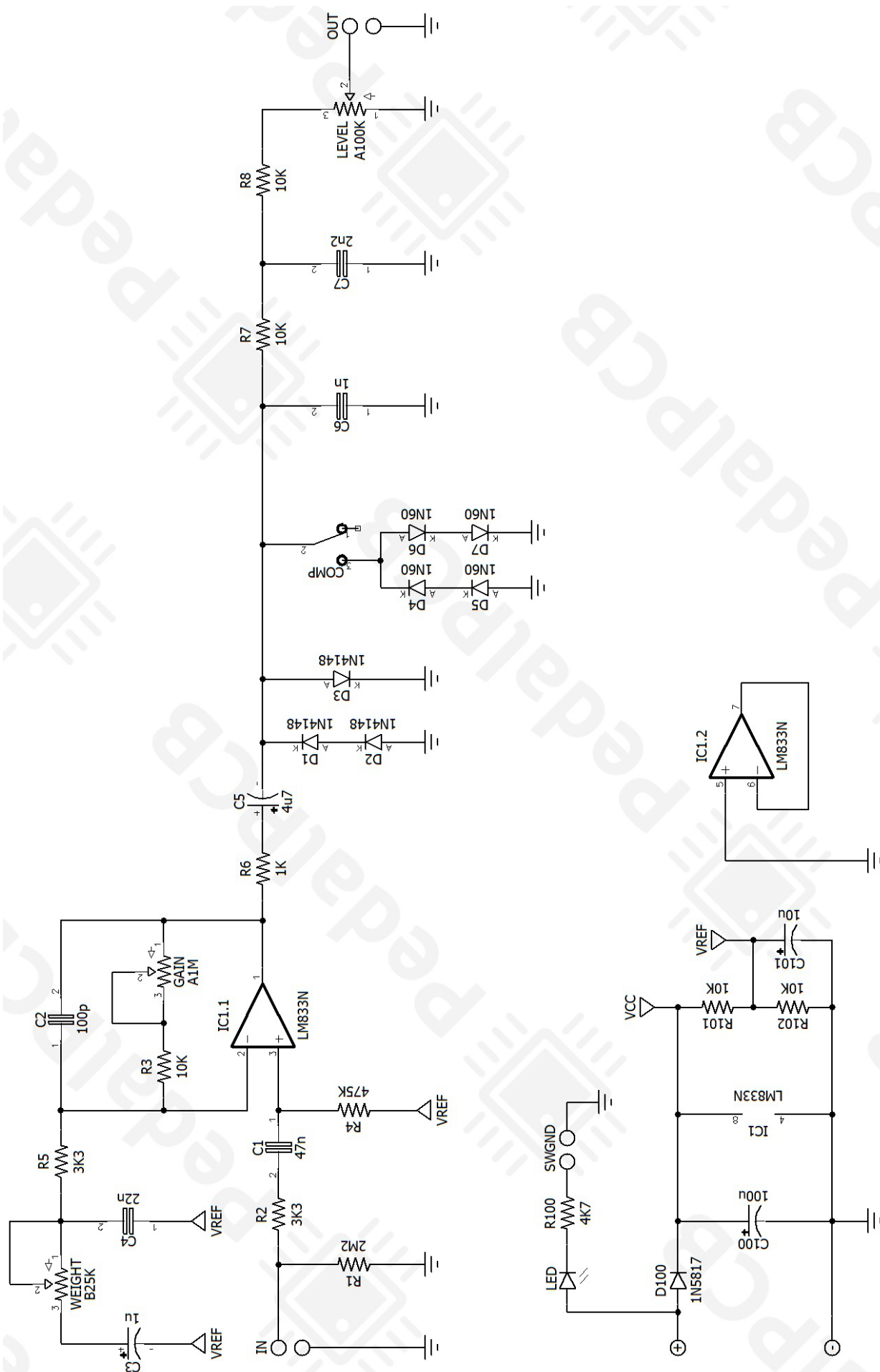


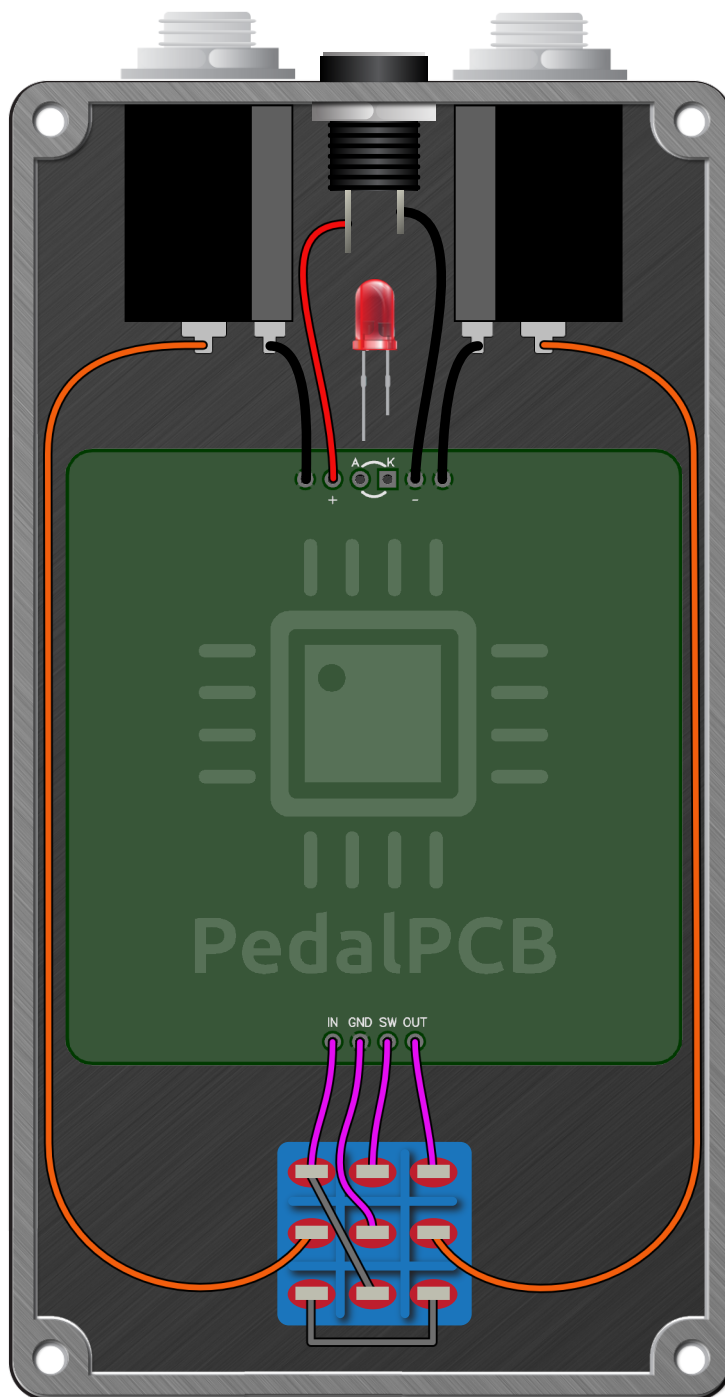
CONTROLS AND FEATURES

- **Level**
- **Gain**
- **Weight**
- **Compression (Toggle switch)**

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LOCATION	VALUE	TYPE	NOTES
R1	2M2	Resistor, 1/4W	
R2	3K3	Resistor, 1/4W	
R3	10K	Resistor, 1/4W	
R4	475K	Resistor, 1/4W	
R5	3K3	Resistor, 1/4W	
R6	1K	Resistor, 1/4W	
R7	10K	Resistor, 1/4W	
R8	10K	Resistor, 1/4W	
R100	4K7	Resistor, 1/4W	
R101	10K	Resistor, 1/4W	
R102	10K	Resistor, 1/4W	
C1	47n	Film capacitor, 7.2 x 2.5mm	
C2	100p	Ceramic capacitor	
C3	1u	Electrolytic capacitor, 5mm	
C4	22n	Film capacitor, 7.2 x 2.5mm	
C5	4u7	Electrolytic capacitor, 5mm	
C6	1n	Film capacitor, 7.2 x 2.5mm	
C7	2n2	Film capacitor, 7.2 x 2.5mm	
C100	100u	Electrolytic capacitor, 5mm	
C101	10u	Electrolytic capacitor, 5mm	
D1	1N4148	Signal diode, DO-35	
D2	1N4148	Signal diode, DO-35	
D3	1N4148	Signal diode, DO-35	
D4	1N60	Germanium diode	
D5	1N60	Germanium diode	
D6	1N60	Germanium diode	
D7	1N60	Germanium diode	
D100	1N5817	Schottky diode, DO-41	
IC1	LM833N	Single op-amp, DIP8	
LEVEL	A100K	16mm right-angle PCB mount pot	
GAIN	A1M	16mm right-angle PCB mount pot	
WEIGHT	B25K	16mm right-angle PCB mount pot	
COMP	SPDT	Toggle switch, SPDT	2-position (ON/ON)





Irrlicht Overdrive

Drill Template
125B Enclosure

