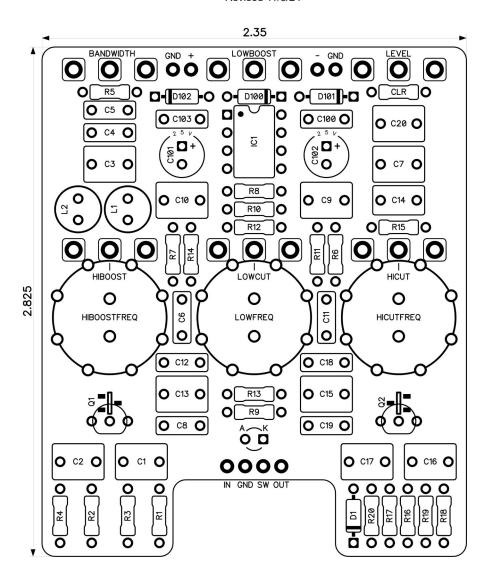


Equilux Mini Equalizer

Revised 11/8/24



CONTROLS AND FEATURES

- Level
- Low Boost
- Bandwidth
- Hi Cut
- Low Cut
- Hi Boost

- Hi Cut Frequency (Rotary Switch)
 Low Frequency (Rotary Switch)
 Hi Boost Frequency (Rotary Switch)

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PedalPCB Equilux Mini Equalizer

Parts List (Page 1 of 2)

LOCATION	VALUE	TYPE	NOTES
R1	1M	Resistor, 1/4W	
R2	1M	Resistor, 1/4W	
R3	1M	Resistor, 1/4W	
R4	10K	Resistor, 1/4W	
R5	4K7	Resistor, 1/4W	
R6	1M	Resistor, 1/4W	
R7	1M	Resistor, 1/4W	
R8	1M	Resistor, 1/4W	
R9	1M	Resistor, 1/4W	
R10	1M	Resistor, 1/4W	
R11	1K	Resistor, 1/4W	
R12	10K	Resistor, 1/4W	
R13	1M	Resistor, 1/4W	
R14	1M	Resistor, 1/4W	
R15	100R	Resistor, 1/4W	
R16	1M	Resistor, 1/4W	
R17	10K	Resistor, 1/4W	
R18	20K	Resistor, 1/4W	
R19	2K2	Resistor, 1/4W	
R20	20K	Resistor, 1/4W	
CLR	4K7	Resistor, 1/4W	* LED current limiting resistor
OLI (1137	receive, 17 177	ZEB carrent minarig recicio
C1	220n	Film capacitor, 7.2 x 2.5mm	
C2	1u	Film capacitor, 7.2 x 5.0mm	
C3	220n	Film capacitor, 7.2 x 2.5mm	
C3 C4 C5	68n	Film capacitor, 7.2 x 2.5mm	
C5	33n	Film capacitor, 7.2 x 2.5mm	
C6	47n	Film capacitor, 7.2 x 2.5mm	
C7	1u	Film capacitor, 7.2 x 5.0mm	
C8	22n	Film capacitor, 7.2 x 2.5mm	
C9	470n	Film capacitor, 7.2 x 5.0mm	
C10	330n	Film capacitor, 7.2 x 5.0mm	
C11	15n	Film capacitor, 7.2 x 2.5mm	
C12	10n	Film capacitor, 7.2 x 2.5mm	
C13	220n	Film capacitor, 7.2 x 5.0mm	
C14	150n	Film capacitor, 7.2 x 5.0mm	
C15	330n	Film capacitor, 7.2 x 5.0mm	
C16	220n	Film capacitor, 7.2 x 5.0mm	
C17	150n	Film capacitor, 7.2 x 5.0mm	
C18	68n	Film capacitor, 7.2 x 2.5mm	
C19	82p	Ceramic capacitor	
C20	1u	Film capacitor, 7.2 x 5.0mm	
C100	100n	Film capacitor, 7.2 x 2.5mm	
C101	10u	Electrolytic capacitor, 5mm	25V minimum
C102	100u	Electrolytic capacitor, 5mm	25V minimum
C103	100n	Film capacitor, 7.2 x 2.5mm	20 7 11111111111111
3.00	1.0011	initi sapasitor, 1.2 x 2.0mm	
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PedalPCB Equilux Mini Equalizer Parts List (Page 2 of 2)

Parts List (Page 2 of 2)

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LOCATION	VALUE	TYPE	NOTES	
D1	1N4148	Schottky diode, DO-41		
D100	1N5817	Schottky diode, DO-41		
D101	1N5817	Schottky diode, DO-41		
D102	1N5817	Schottky diode, DO-41		
		•		
L1	47mH	Radial inductor, 47mH	Link	
L2	47mH	Radial inductor, 47mH	Link	
		,		
Q1	2N7000	N-Channel MOSFET		
Q2	LND150-N3	N-Channel MOSFET	Link	
IC1	TC1044SCPA	Charge pump IC, DIP8		
101	1010110017	Charge pamp 10, Bit 0		
LEVEL	B100K	16mm right-angle PCB mount pot		
LOWBOOST	B10K	16mm right-angle PCB mount pot		
BANDWIDTH	A10K	16mm right-angle PCB mount pot		
HICUT	B1K	16mm right-angle PCB mount pot		
LOWCUT	A100K	16mm right-angle PCB mount pot		
HIBOOST	C10K	16mm right-angle PCB mount pot		
ПВООЗТ	CTUK	Torrim right-arigle PCB mount pot		
LOWFREQ	2P4T	16mm Mini Dotony owitch 2D4T		
	2P4T	16mm Mini Rotary switch, 2P4T		
HICUTFREQ		16mm Mini Rotary switch, 2P4T		
HIBOOSTFREQ	2P4 I	16mm Mini Rotary switch, 2P4T		
	1			



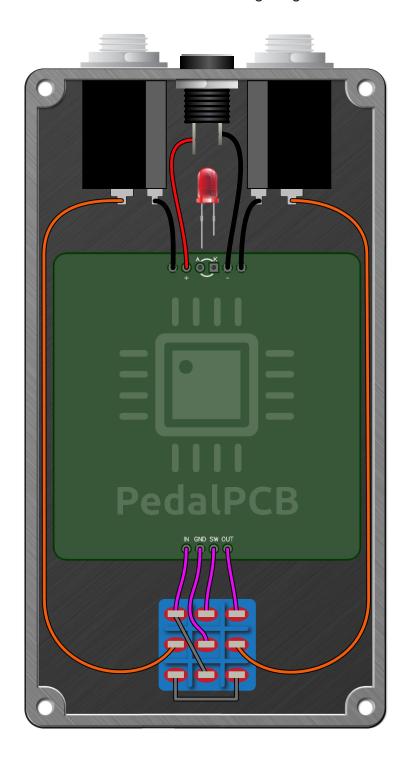
Equilux Mini Equalizer

Schematic Diagram

Schematic coming soon...



PedalPCB Equilux Mini Equalizer Wiring Diagram





PedalPCB Equilux Mini Equalizer

Drill Template 125B Enclosure

