VOX Treble Booster

Bill of materials

Original Circuit

Resistors		Diode	
R1	100k	**D1**	1n4001
R2	22k		
R3	2k2	**Transistor**	
R4	2k2	**Q1**	2n2924
R5	1k		
		Potentiometer	
Capacitors		**Volume**	500ka (9mm Log Pot)
C1	500pf		
C2	10uf		
C3	100nf		

Modified (Denoted By Jason Anderson)

Produces crunchy / dirty boost

Resistors		Diode	
R1	100k	**D1**	1n4001
R2	22k		
R3	2k2	**Transistor**	
R4	2k2	**Q1**	2n3904
R5	1k		
		Potentiometer	
Capacitors		**Volume**	500ka (9mm Log Pot)
C1	22nf		
C2	10uf		
C3	470nf		

Screaming Bird Treble Booster

Resistors		Diode	
R1	430k	**D1**	1n4001
R2	43k		
R3	10k	**Transistor**	
R4	jumper	**Q1**	2n5133
R5	390R		
		Potentiometer	
Capacitors		**Volume**	100ka (9mm Log Pot)
C1	2nf		
C2	empty		
C3	2nf		

1590a

The board spacing will fit a 1590a enclosure. You can mount 9mm pots directly to the board.

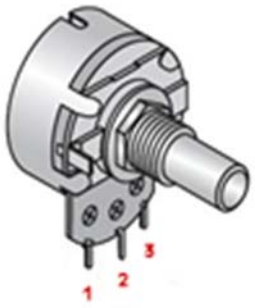
Potentiometer Value

Pot can be subbed for other values.

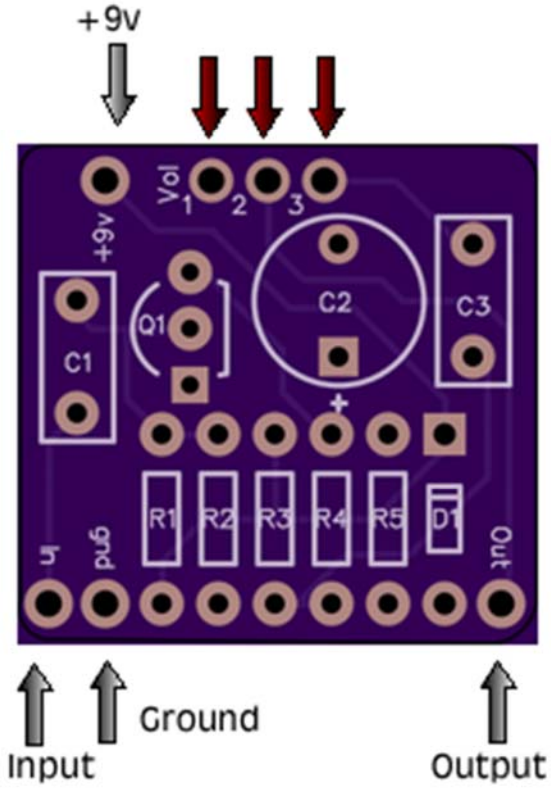
Definitions

Jumper: Use a cut off leg from a resistor / cap and form a jumper in place of this component

Empty: Leave this component space empty

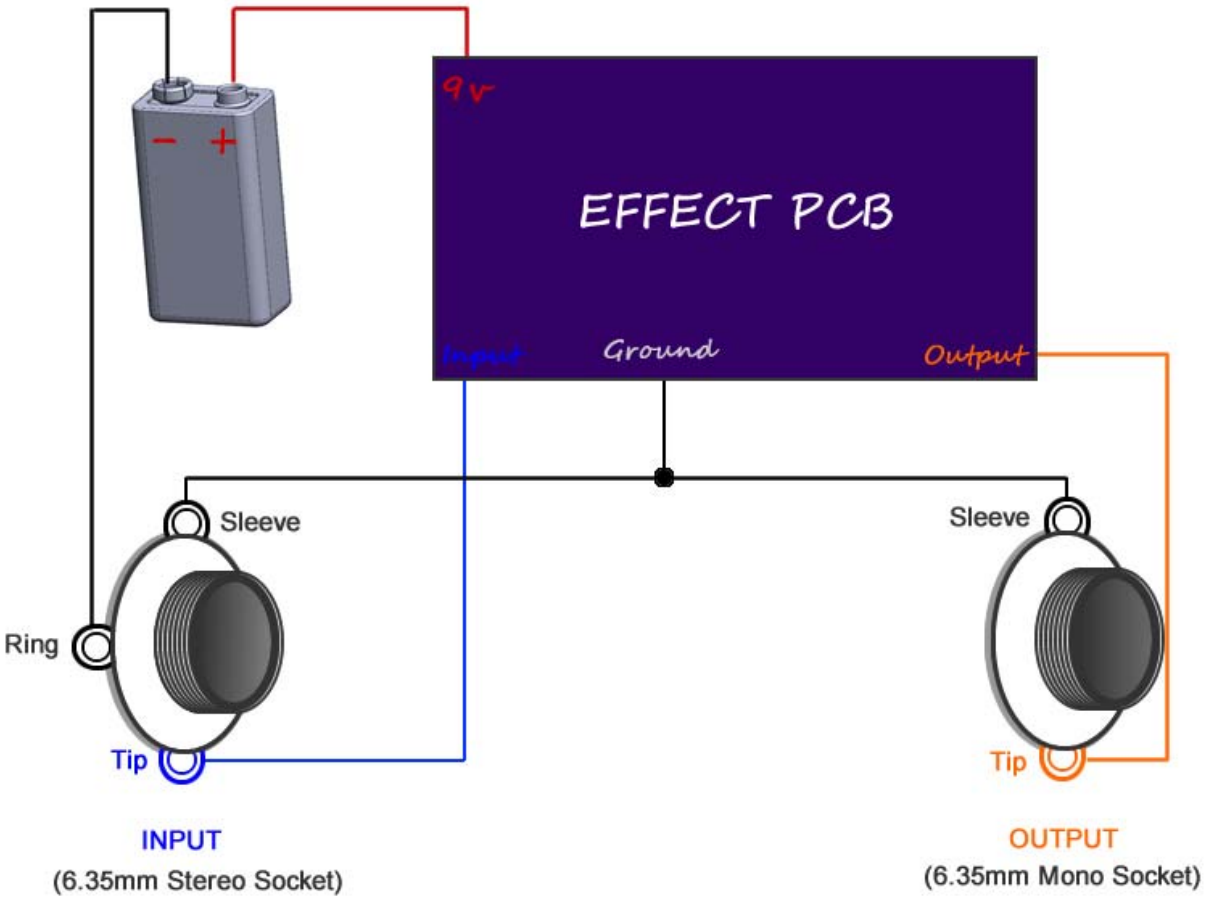


Note the numbers on the PCB (1,2,3) should be matched to the numbers on the pot. Pots with mounting lugs Can be soldered directly to the PCB



Testing Your Effect

Using aligator clips or soldering directly, wire your effect as in the following...



Input and Output Sockets

Pay close attention to the lugs of your sockets. Look at them side on so that you can distinguish the sockets individual layers. For instance the tip lug is connected to tip contact. The stereo jack looks the same as the socket below except it has an extra lug and contact for “Ring”.