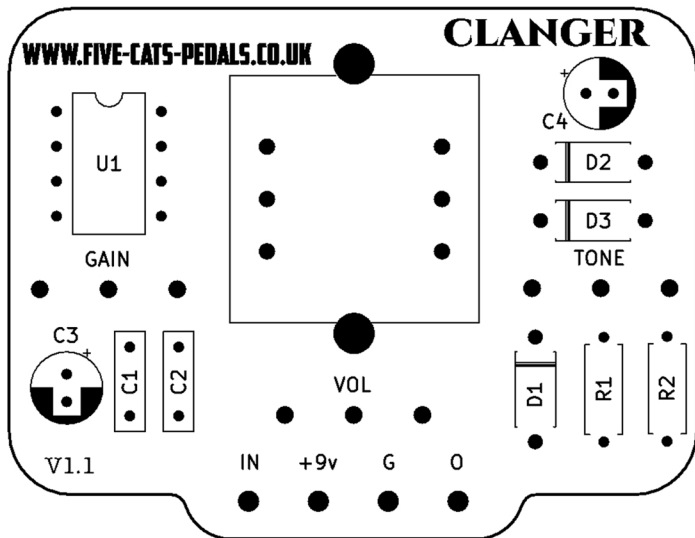


# CLANGER



COMPONENT COUNT  
**14**

COMPARES TO  
**DBA  
OCTAVE  
CLANG**

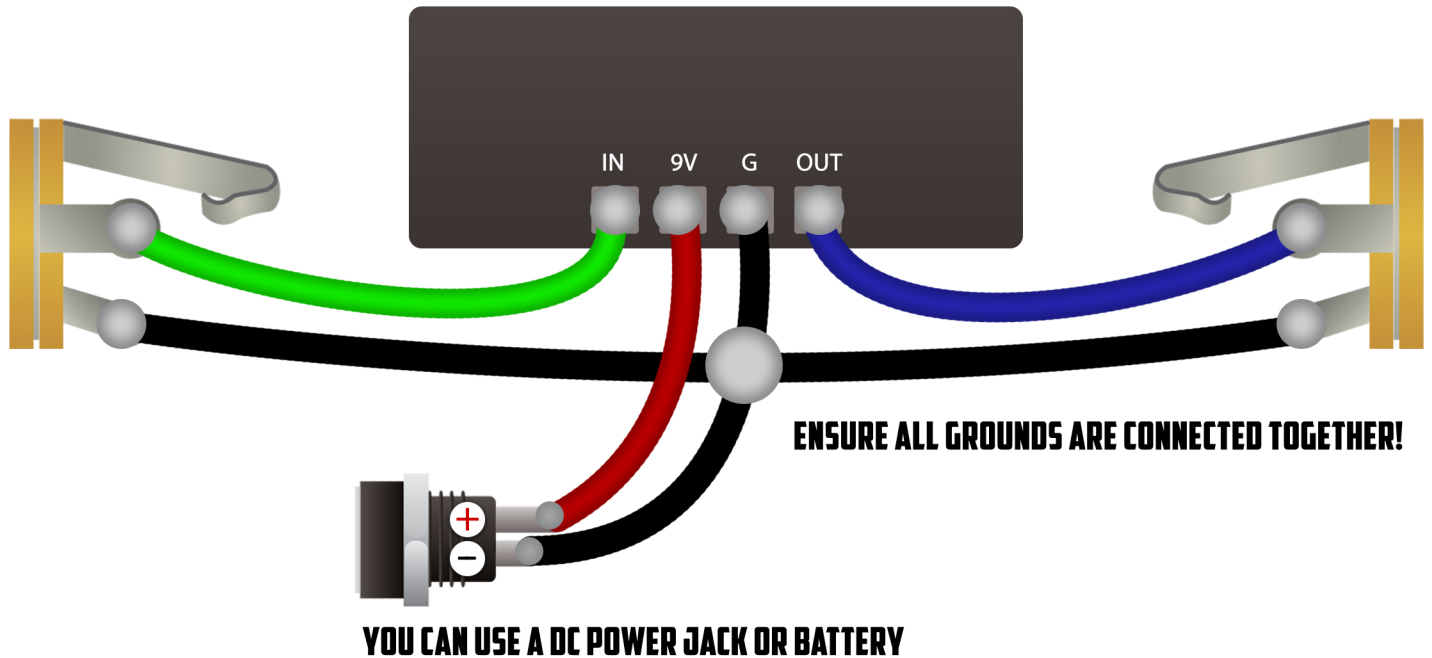
MINIMUM ENCLOSURE  
**HAMMOND  
1590B  
C60  
GORVA**

BOARD DIMENSIONS  
**50 X 39  
MM**

Reference	Value	Footprint
R1	910K	1/4 Watt Resistor
R2	62K	1/4 Watt Resistor
C1	1nF	Box/MLCC Capacitor
C2	100nF	Box/MLCC Capacitor
C3	47uF	Electrolytic Capacitor - Min 16V
C4	4.7uF	Electrolytic Capacitor - Min 16V
D1	1N5817	Schottky Diode
D2	1N34A	Standard Diode
D3	1N34A	Standard Diode
T1	42TM002	6 Pin Audio Transformer 10K / 2K
U1	LM741	8 Pin Op-Amp
VOL1	A10K	16mm Potentiometer
GAIN1	B1M	16mm Potentiometer
TONE1	B250K	16mm Potentiometer

Note: Add the Volume pot last, otherwise you'll need to bend it out of the way to solder the transformer.

# TEST HOOKUP FOR YOUR BOARD



**UNDER NO CIRCUMSTANCES** will troubleshooting help be offered to you if you have skipped this step. Simple.

Before you dive in and start wiring up your LED and 3PDT footswitch, hook it up like the above diagram and make sure it works.

If it doesn't work at this stage, you know the issue is with your board, and not your off board wiring.

If everything works, get cracking on your external wiring - if not, recheck the build docs and your component values, reflow (that's re-heat all the solder joints to ensure they aren't cold) then re-test.

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