

# Moon Trem

COMPONENT COUNT

36

COMPARES TO

CULTUREJAM  
SHOOT THE  
MOON

MINIMUM ENCLOSURE

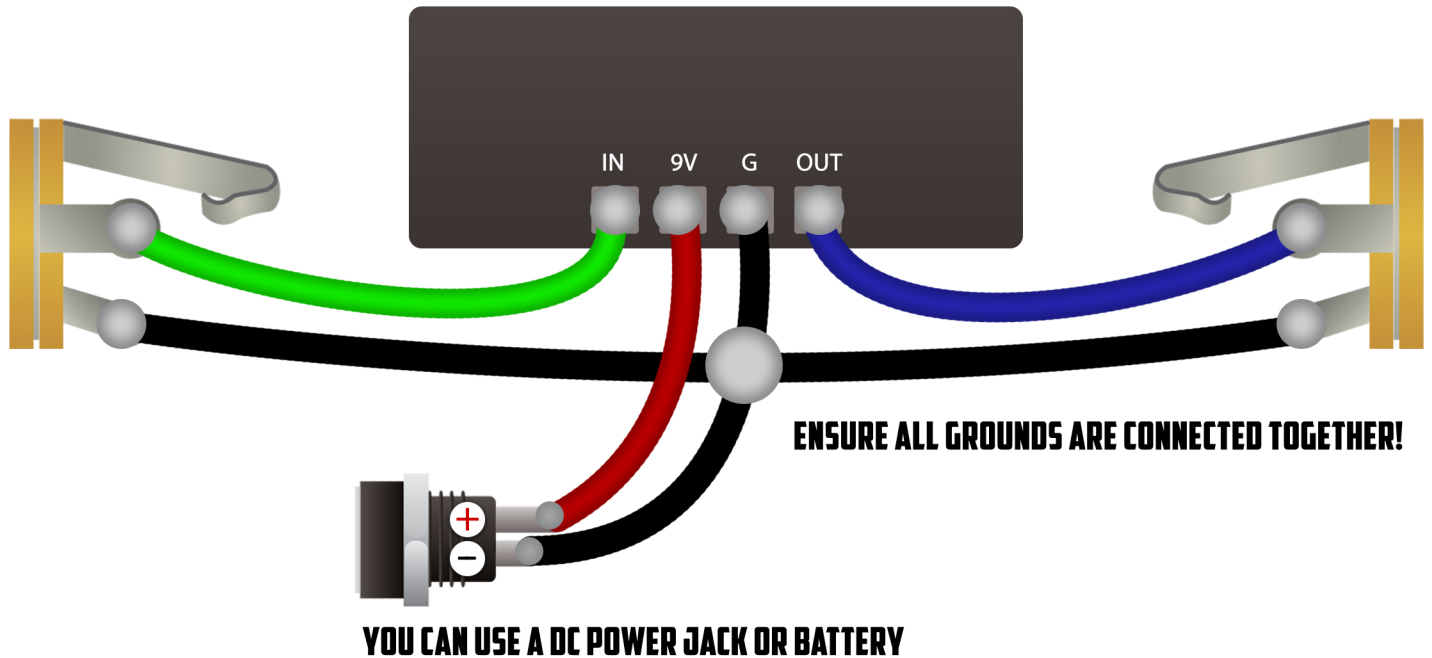
HAMMOND  
1590B  
C60  
GORVA

DIMENSIONS

W: 49MM  
H: 50MM

Ref	Value	Footprint			
R1	220K	1/4 Watt Resistor	C1	1uF	Electrolytic Capacitor - Min 16V
R2	220K	1/4 Watt Resistor	C2	100uF	Electrolytic Capacitor - Min 16V
R3	1M	1/4 Watt Resistor	C3	10nF	Box/MLCC Capacitor
R4	220K	1/4 Watt Resistor	C4	47uF	Electrolytic Capacitor - Min 16V
R5	220K	1/4 Watt Resistor	C5	47uF	Electrolytic Capacitor - Min 16V
R6	220K	1/4 Watt Resistor	C6	10uF	Electrolytic Capacitor - Min 16V
R7	220K	1/4 Watt Resistor	C7	330pF	Ceramic/MLCC Capacitor
R8	100K	1/4 Watt Resistor	C8	1uF	Electrolytic Capacitor - Min 16V
R9	100K	1/4 Watt Resistor			
R10	2K2	1/4 Watt Resistor	D1	1N5817	Schottky Diode
R11	100R	1/4 Watt Resistor	D2	LED	3MM LED
R12	10K	1/4 Watt Resistor	D3	5MM Red LED	3MM LED
R13	1K	1/4 Watt Resistor			
R14	470R	1/4 Watt Resistor	LDR1	GL5516	LDR - Light Dependent Resistor
R15	1K	1/4 Watt Resistor			
R16	1K	1/4 Watt Resistor	U1	JRC4558	Dual Op Amp : DIP-8
R17	1K	1/4 Watt Resistor	U2	TL072	Dual Op Amp : DIP-8
DEPTH1	B1K	16mm Potentiometer			
GAIN1	B10K	16mm Potentiometer			
WAVE1	B500K	16mm Potentiometer			
SPEED1	C100K	16mm Potentiometer			

# 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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