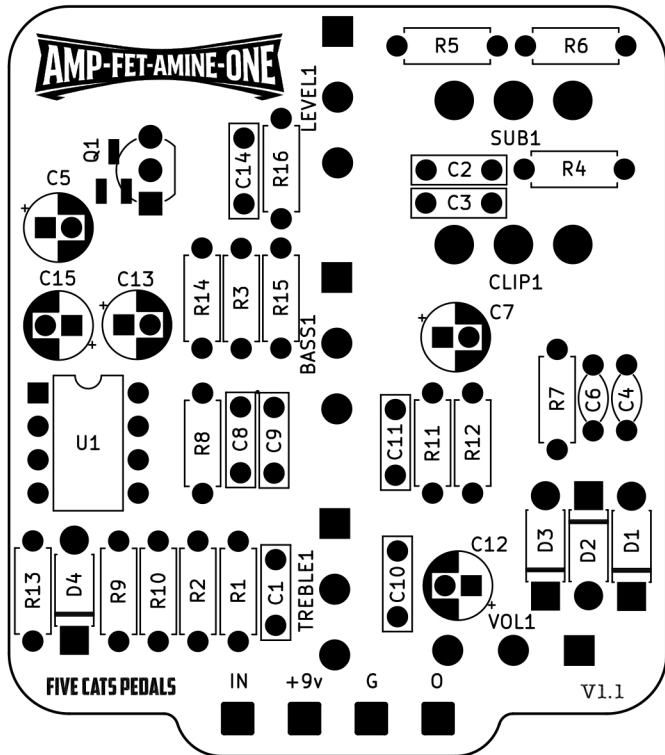


AMP-FET-AMINE-ONE



COMPONENT COUNT

43

COMPARES TO

BOSS
FA-1

MINIMUM ENCLOSURE

HAMMOND
1590B
C60
GORVA

BOARD DIMENSIONS

50 X 57
MM

Reference	Value	Footprint
R1	10K	1/4 Watt Resistor
R2	1M	1/4 Watt Resistor
R3	3.3M	1/4 Watt Resistor
R4	10K	1/4 Watt Resistor
R5	470K	1/4 Watt Resistor
R6	15K	1/4 Watt Resistor
R7	470K	1/4 Watt Resistor
R8	8.2K	1/4 Watt Resistor
R9	33K	1/4 Watt Resistor
R10	10K	1/4 Watt Resistor
R11	8.2K	1/4 Watt Resistor
R12	470R	1/4 Watt Resistor
R13	47R	1/4 Watt Resistor
R14	22K	1/4 Watt Resistor
R15	6.8K	1/4 Watt Resistor
R16	15K	1/4 Watt Resistor
C1	10nF	Box/MLCC Capacitor
C2	47nF	Box/MLCC Capacitor
C3	470nF	Box/MLCC Capacitor
C4	33pF	Ceramic/MLCC Capacitor
C5	10uF	Electrolytic Capacitor - Min 16V
C6	100pF	Ceramic/MLCC Capacitor
C7	10uF	Electrolytic Capacitor - Min 16V
C8	33nF	Box/MLCC Capacitor
C9	33nF	Box/MLCC Capacitor
C10	5.6nF	Box/MLCC Capacitor

C11	5.6nF	Box/MLCC Capacitor
C12	10uF	Electrolytic Capacitor - Min 16V
C13	10uF	Electrolytic Capacitor - Min 16V
C14	100nF	Box/MLCC Capacitor
C15	10uF	Electrolytic Capacitor - Min 16V
D1	1N914	Small Signal, Fast Switching Diode
D2	1N914	Small Signal, Fast Switching Diode
D3	1N914	Small Signal, Fast Switching Diode
D4	1N4001	Standard Diode
Q1	J201	Transistor - JFET N-Channel - DSG
CLIP1	SPDT	SPDT Toggle
SUB1	SPDT	SPDT Toggle
U1	RC4580	general:IC-DIP-8
VOL1	A100K	16mm Potentiometer
BASS1	B50K	16mm Potentiometer
TREBLE1	B50K	16mm Potentiometer
LEVEL1	A1M	16mm Potentiometer

LEVEL - Clean output gain.

BASS & TREB - Active Baxandall tone stack

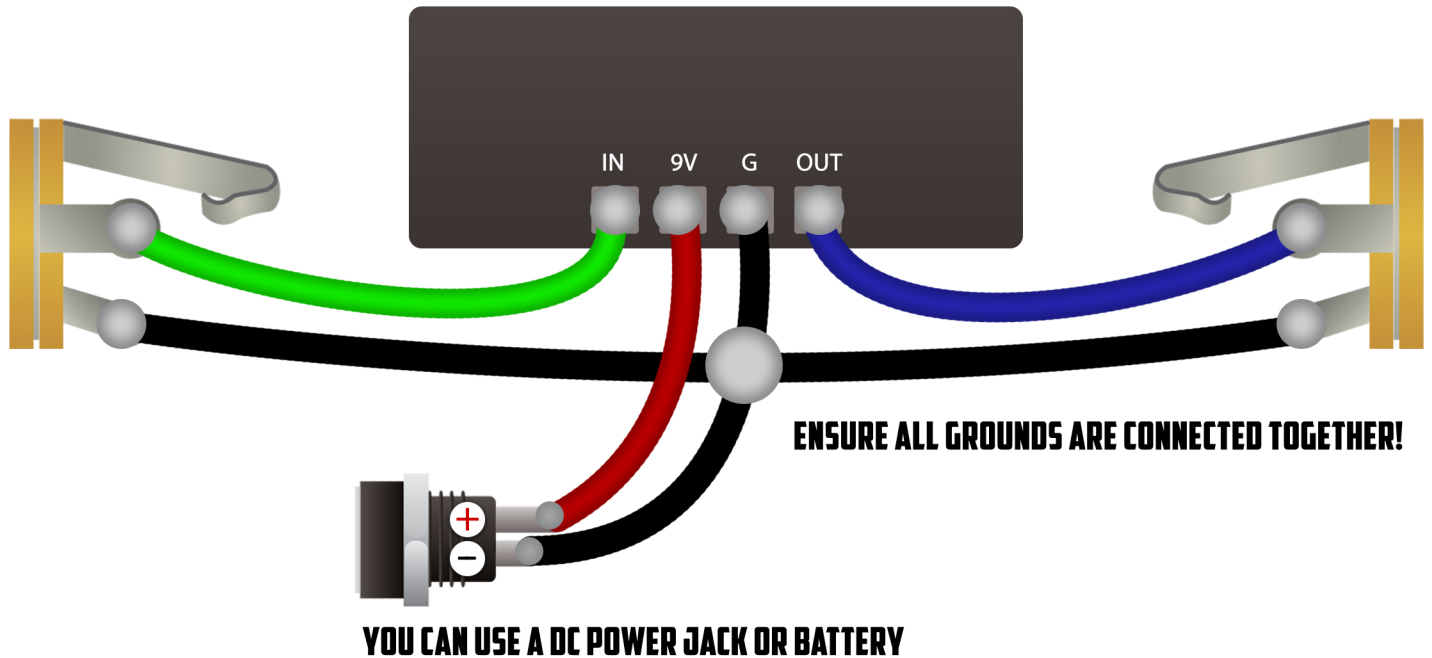
SUBS - Bass Increase

CLIP - Between asymmetrical clipping and stock FA-1

VOL - When the CLIP switch is active, use the VOL control.

When the CLIP switch is in standard mode, set the VOL control to full for stock FA-1.

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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