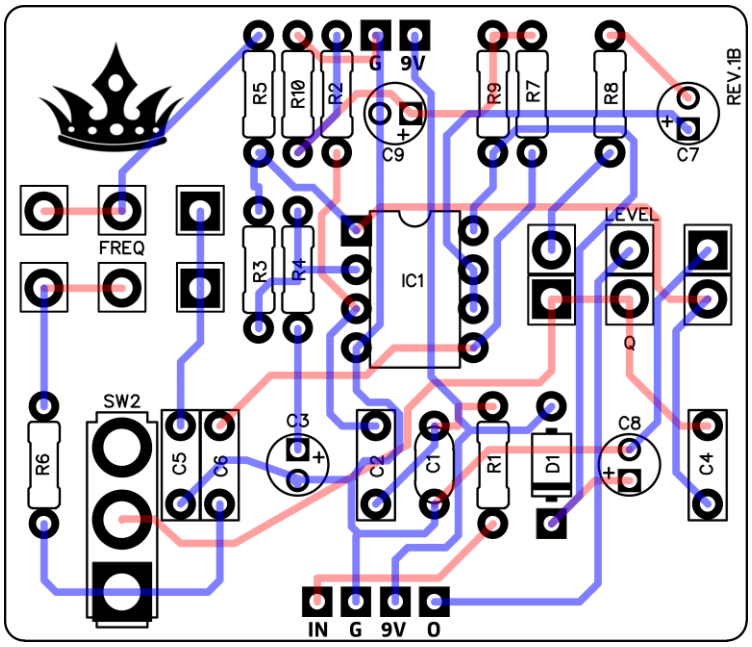
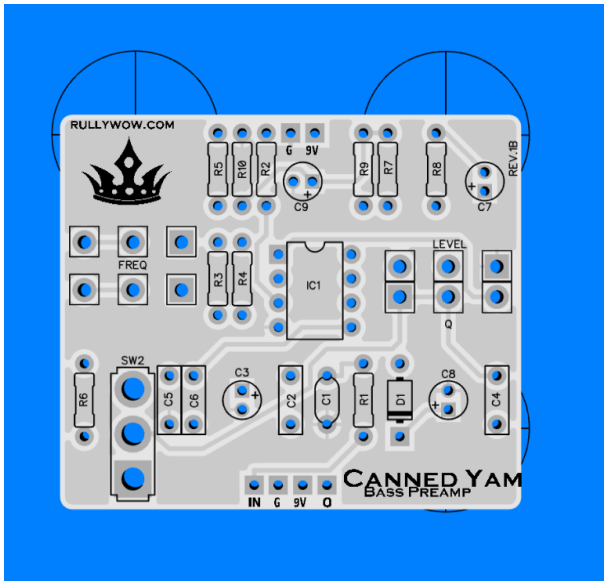
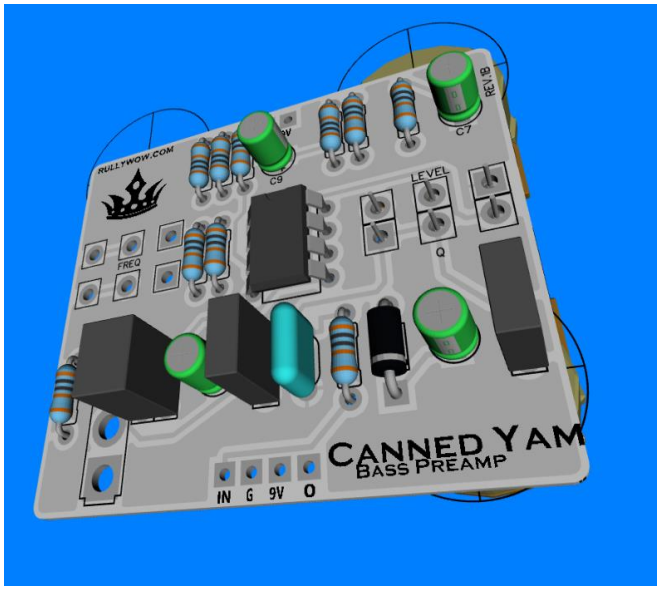






Description:

Inspired by the Yamaha NE-1 (Nathan East Signature), the Canned Yam is a great Bass Preamp. The LEVEL, FREQUENCY, and adjustable "Q" controls help dial in fat tones. The adjustable "Q" control is based upon schematics provided by user Silent Fly on freestompboxes.org. Much more control is given by the adjustable "Q" rather than just a few settings as found on the stock model.

Yamaha NE1 Rev1B

Caps		
C1	47p	ceramic
C2	100n	film
C3	10uF	electro
C4	2n2	film
C5	56n	film
C6	100n	film
C7	10uF	electro
C8	10uF	electro
C9	10uF	electro

Resistors	
R1	1k
R2	470k
R3	15k
R4	10k
R5	1k
R6	1k
R7	470k
R8	1k
R9	39k
R10	47k

Pots	
Q	100kA
FREQ	50kA(dual)
LEVEL	25kA

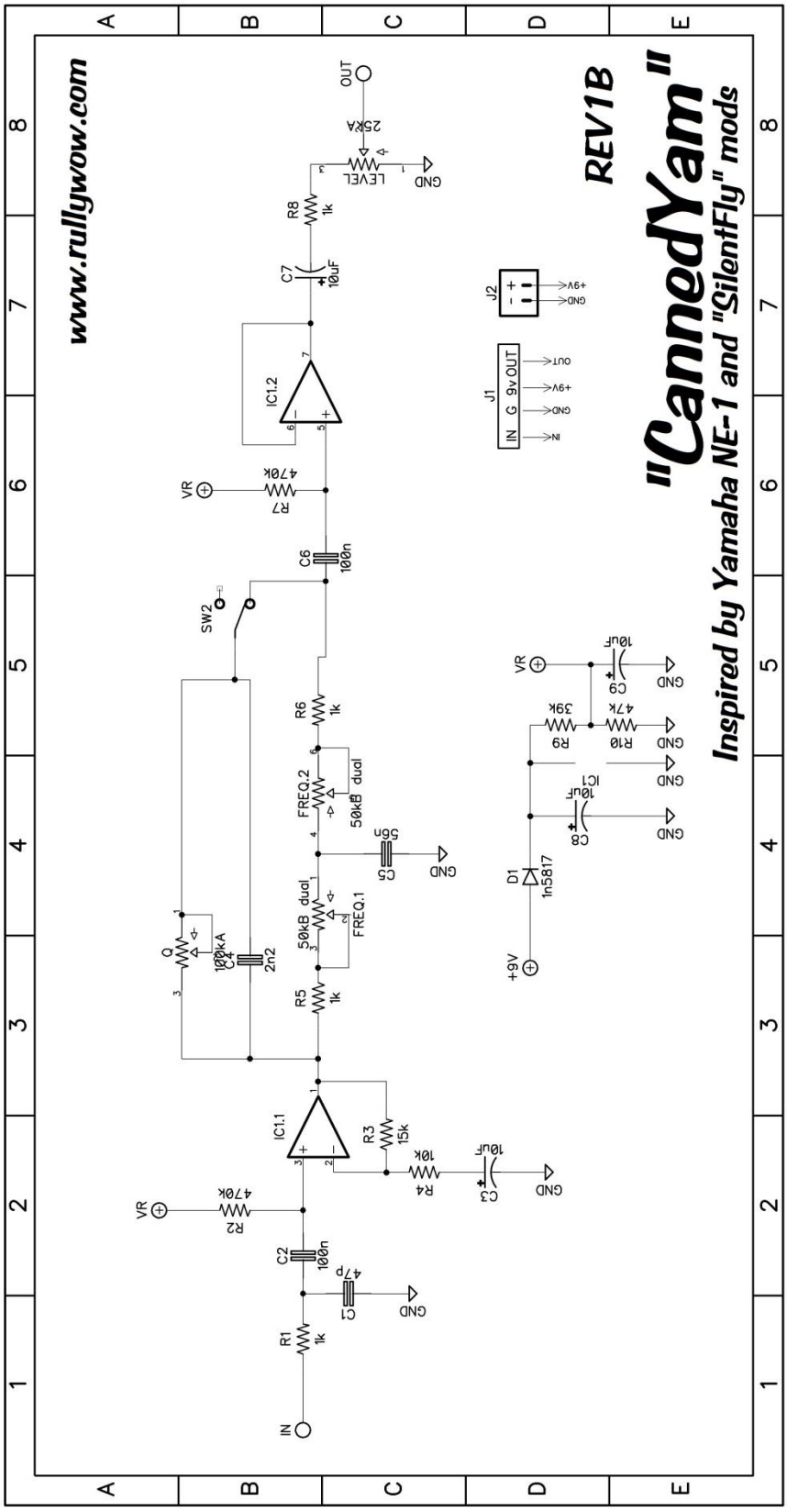
Diode	
D1	1n4001

Switch	
SW1	SPST

IC	
IC1	4558

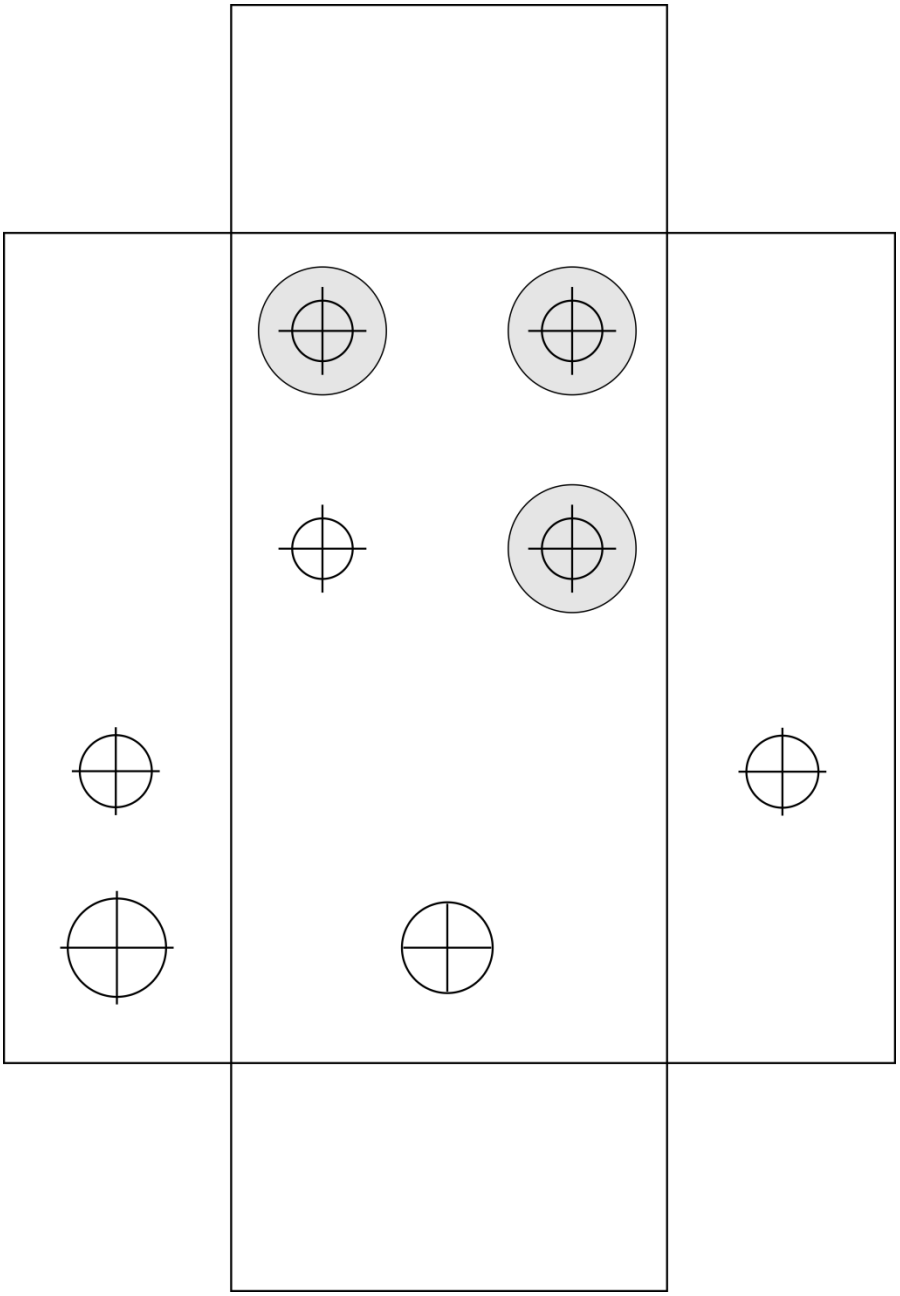
Build Tips:

- It is a good idea to solder components from shortest height to tallest. In this case, you should start with resistors, diodes, film caps, electrolytic caps, and IC/sockets.
- All pots are 16mm Alpha PCB mount. It is a very good idea to drill holes in your enclosure first, and mount the pots with the nuts **BEFORE** soldering the pots to the PCB. This ensures you won't put a lot of stress on the PCB.
- Be sure to insulate the pots from shorting on the back of the PCB. There are special pot covers or you may use tape or some other insulating material.
- Before putting your creation into its enclosure, you should always test it! If it doesn't work outside the enclosure, it won't work inside (I promise!)
- The IC is a 4558 type. You may want to socket this and swap out for different types of opamps such as NE5532, TL072, OPA2134, etc. There are a bunch to choose from and different amps impart slightly different ''flavors'' on the sound.

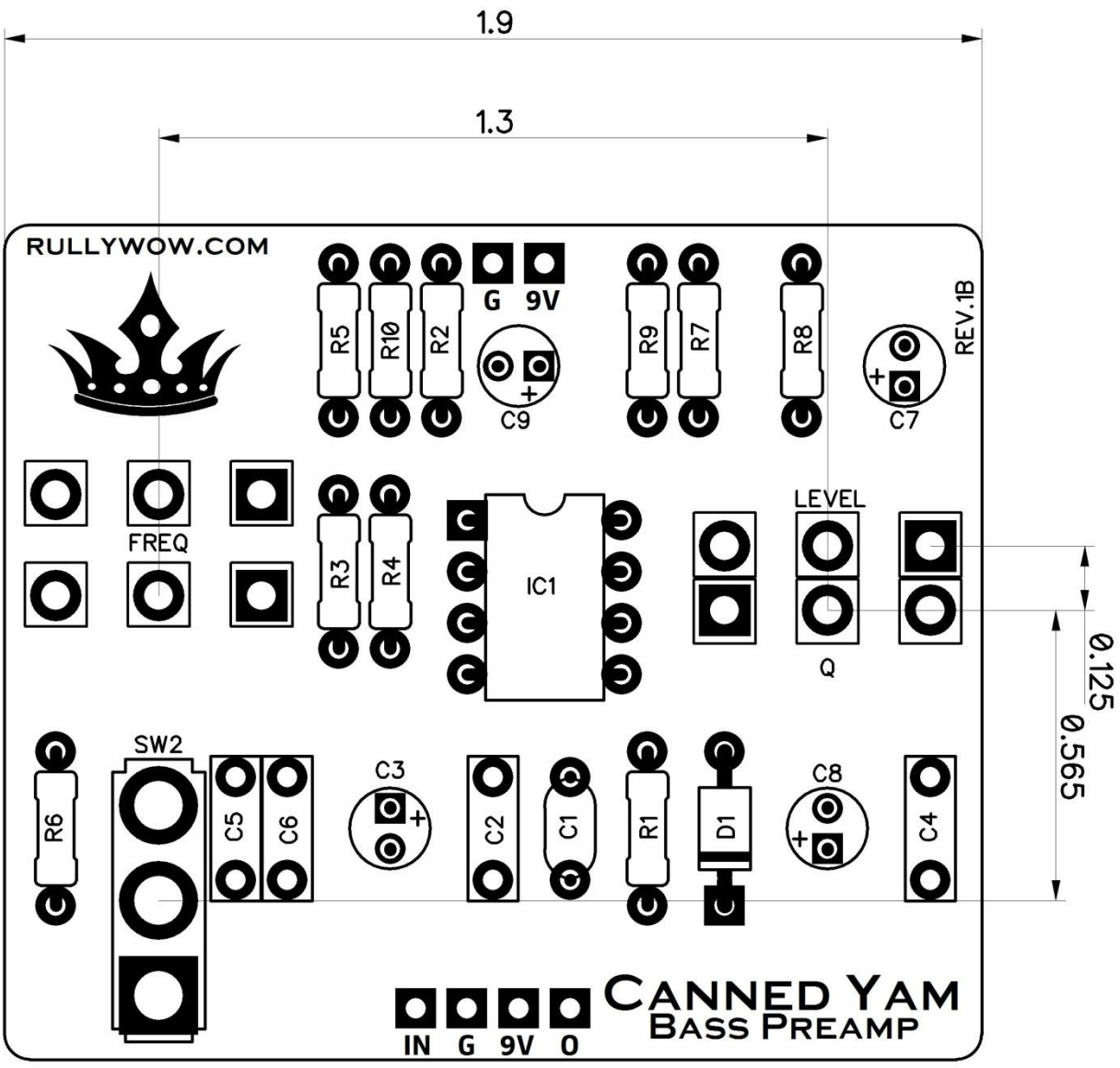

www.rullywow.com
"CannedYam"
Inspired by Yamaha NE-1 and "SilentFly" mods
REV1B
IN
OUT
GND
+9V
VR
LEVEL
25kA
R8 1k
C7 10uF
IC1.2
R7 47k
C6 100n
SW2
R6 1k
FREQ.2
50kB dual
C5 5n
FREQ.1
50kB dual
R5 1k
Q 100kA
C4 2n2
IC1.1
R3 15k
R4 10k
C3 10uF
R2 47k
C2 100n
C1 47p
R1 1k
J1 IN G 9v OUT
J2
D1 1n5817
C9 10uF
R9 39k
R10 47k
C8 10uF
IC1

Drill Guide (1590B) :

This is an *APPROXIMATE* drill guide. Enclosures differ in size so be sure to measure before your commit to drill!



PCB Dimensions = 1.9" x 1.625"



Terms of Use:

- PCBs from www.rullywow.com are intended for DIY use and are not allowed for commercial resale. It is OK to build (and sell) a few pedals for your friends, bandmates, yourself (that is what the DIY guitar pedal community is all about!)