

Deluxe Meat

Based on:

D*A*M Deluxe Meathead

Effect type:

Deluxe silicon fuzz

Build difficult:

Easy

Amount of parts:

Low, total 20 components

Technology:

NPN silicon transistors

Power consumption:

9V

Enclosure type:

125b

Get your board at:

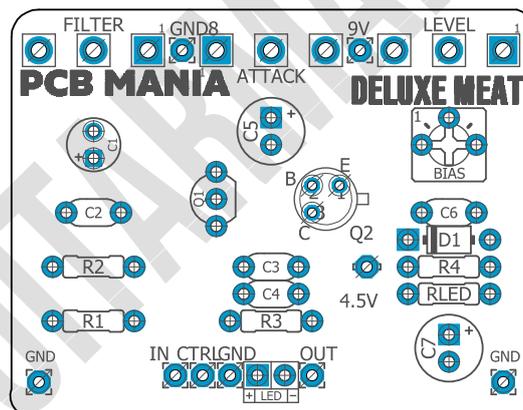
[Deluxe Meat](#)

Get your kit at:

[Das Musikding \(Europe\)](#)

Project overview:

Inspired by D*A*M Deluxe Meathead. This high-quality, finely tuned silicon fuzz device is the most delicious bite you are going to taste.



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Introduction

Deluxe Meat is a Meathead with more control. Volume, tone, fuzz across the top. Considering the regular Meathead is one of the best fuzz pedals in the world's history, this deluxe version is a dream come true.

Level control is the Dirt one-knob control of the original Meathead pedal. To make everything spicier and more delicious, this version adds Filter and Attack. The Attack control acts as your primary clipping control, and it's surprisingly tame until you hit the positions at three o'clock and beyond. Filter adds bass and extra clipping into the mix, while Level controls the output.

Get ready for luxurious flavors of different tones, from smooth blues leads to a doughy vintage punk to a gooey grind. Without a doubt, your hunger for fuzz will be satisfied with this juicy, well-seasoned plethora of sounds.

Controls

- Filter
- Attack
- Level

Bill of materials

Resistors	
Part	Value
R1	1M
R2	120K
R3	18K
R4	820R
RLED	4k7

Diodes	
Part	Value
D1	1N5817
LED	3mm Red LED

Capacitors	
Part	Value
C2	4n7
C3	470p
C4	47p
C6	100n

Electrolytics Capacitors	
Part	Value
C1	1u
C5	22u
C7	100u

Potentiometers	
Part	Value
ATTACK	B1K
FILTER	B100K
LEVEL	B500K

Trim pots	
Part	Value
BIAS	20K

Transistors	
Part	Value
Q1	BC337- 16
Q2	BC107B

Shopping list

Resistors		
Qty	Value	Parts
1	120K	R2
1	18K	R3
1	1M	R1
1	4k7	RLED
1	820R	R4

Diodes		
Qty	Value	Parts
1	1N5817	D1
1	3mm Red LED	LED

Capacitors		
Qty	Value	Parts
1	100n	C6
1	470p	C3
1	47p	C4
1	4n7	C2

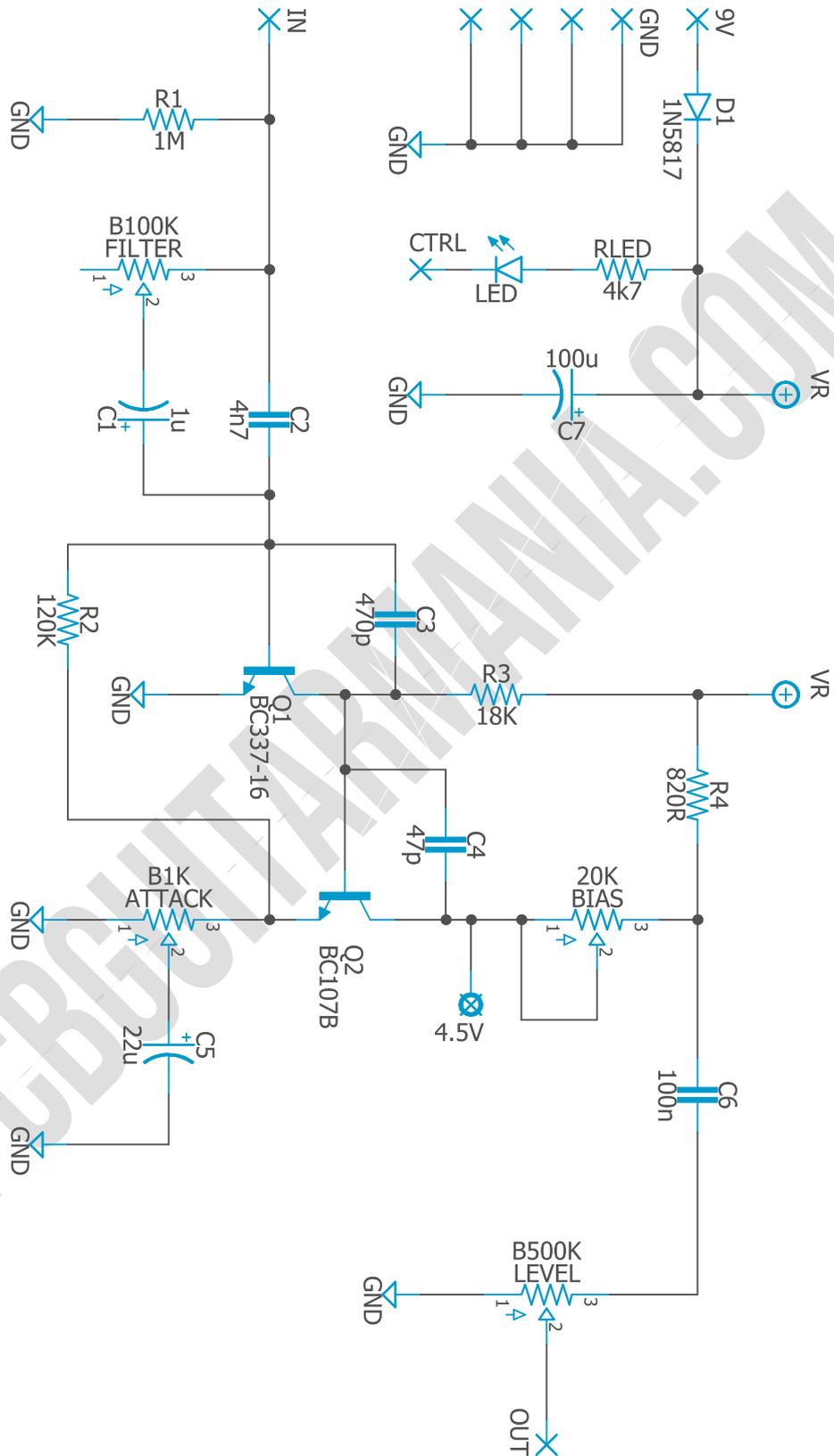
Electrolytics Capacitors		
Qty	Value	Parts
1	100u	C7
1	1u	C1
1	22u	C5

Potentiometers		
Qty	Value	Parts
1	B100K	FILTER
1	B1K	ATTACK
1	B500K	LEVEL

Trim pots		
Qty	Value	Parts
1	20K	BIAS

Transistors		
Qty	Value	Parts
1	BC107B	Q2
1	BC337-16	Q1

Schematic



Components Recommendations

As many people like to experiment with some pedals with higher voltage, always ensure your **electrolytic capacitors'** max tolerance is over 25v.

This board has been tested using Film box capacitors for most of the values over 1nf and ceramics discs for those under 1nf. However, high-quality components such as Wima's Capacitors and Panasonic's electrolytics can deliver a better performance.

All the resistors used for testing this project are 1/4W Metal Film.

The BOM and Shopping list are exclusive regarding this project. It doesn't include all the hardware like the 3PDT bypass switch, audio/dc jacks, enclosure, etc.

Build Notes

If this is one of your first projects, I recommend you to take a look at our [Pedal Building Guide](#).

For a successful and tidy build, it's recommended the following order:

1. Resistors & diodes
2. Capacitors, starting with the smaller ones and the ceramic ones.
3. Electrolytic capacitors (always check the polarity)
4. Transistors
5. Wires
6. Potentiometers and switches
7. Off-board wiring

Wiring Diagram

All our projects include a free 3PDT Board to make the wiring easier and tidier. Also, all of our PCBs feature the status LED on board.

The pad named "Ctrl" or "LED" is the one that controls the status of the led; wire it to the "LED" pad on the 3PDT board or in the control slug of your 3PDT.

This board has been designed to match our EZ 3PDT PCB; check it [here](#) to access our [Pedal Wiring Guide](#).

Drill Template

This Project has been planned to fit into a 125b enclosure type.

Check the Attached “Drilling templates” to drill the box properly. The files are on Scale 1:1, ready to print on an A4 page.

Licensing and Usage

We really appreciate your trust and support in buying this PCB, as well as your will to dive into the DIY electronics world. For us, that's why you can make this project work properly and enjoy not only the building process but also experiment and play with it on your rig.

We try to reply to every question we receive on our email or our social media. Still, we try to encourage all our customers to join our [PCB Guitar Mania - Builders Group](#) on Facebook to post all your doubts, issues, suggestions, or requests, share your builds, and have some feedback from other fellow builders and us!

We tested all our projects following this same guide on their standard configurations. Although, not all of the variations and mods have necessarily been checked. These are suggestions based on the schematic analysis and the experiences and opinions of others. Feel free to share with us your views and recommendations regarding the mods your personal experimentation.

These boards may be used for commercial endeavors in any quantity unless expressly noted. No attribution is necessary, though accreditation or a link back is always much appreciated.

If you are a builder planning to make your own run of pedals, we also offer the service of custom-made boards with your brand and logo, design according to your specifications.

The only usage restrictions are that, first, you cannot resell the PCB as part of a kit without prior arrangement with us, and second, you cannot scratch off the silkscreen or other way of trying to hide our logos and the source of the PCBs. Like it's written above, if you want to have your designs with your brand and logo, we could undoubtedly reach an agreement.

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