

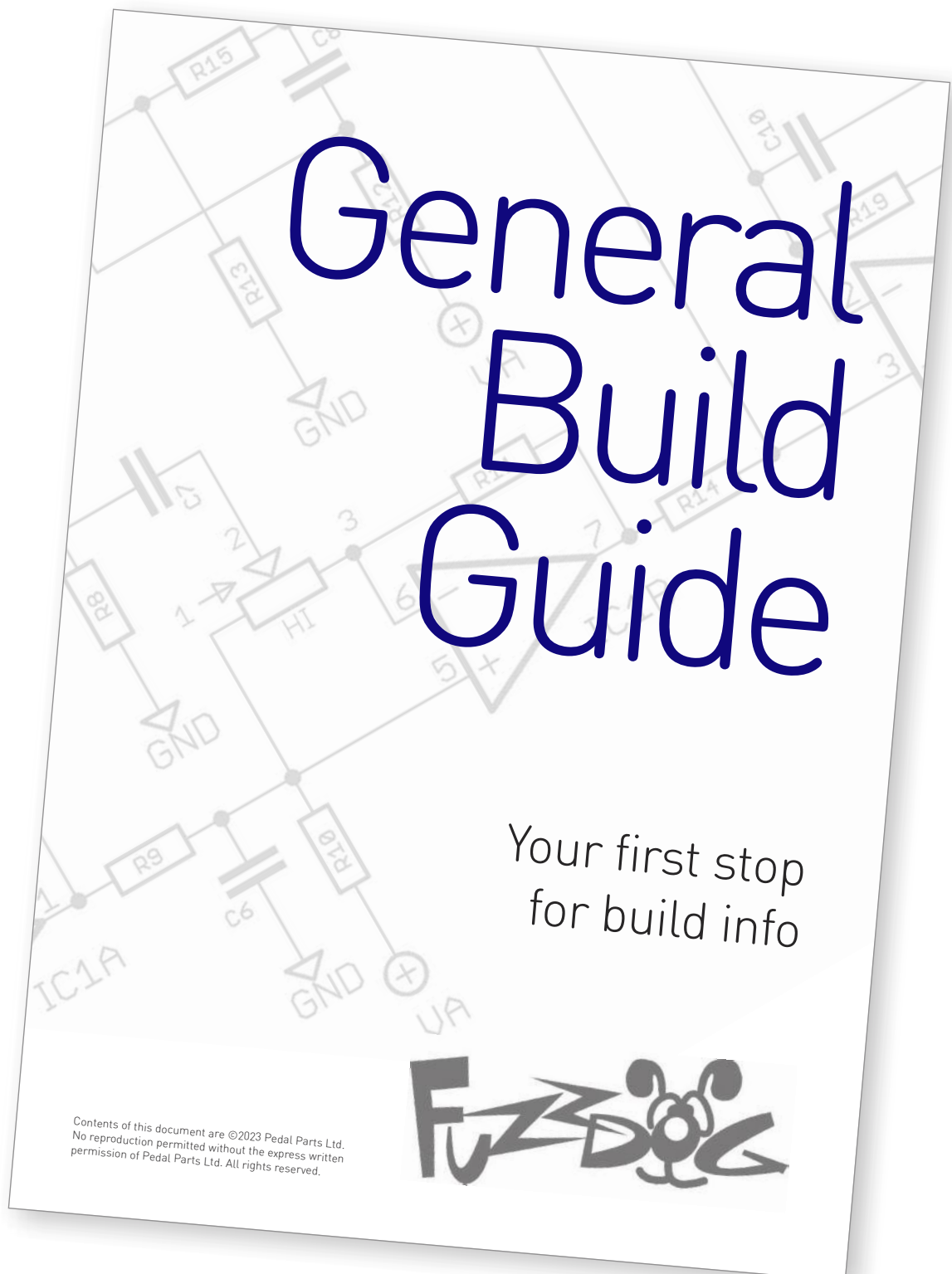
# Aceed Noir

Doomy Fuzz Face-based  
destructo-drive



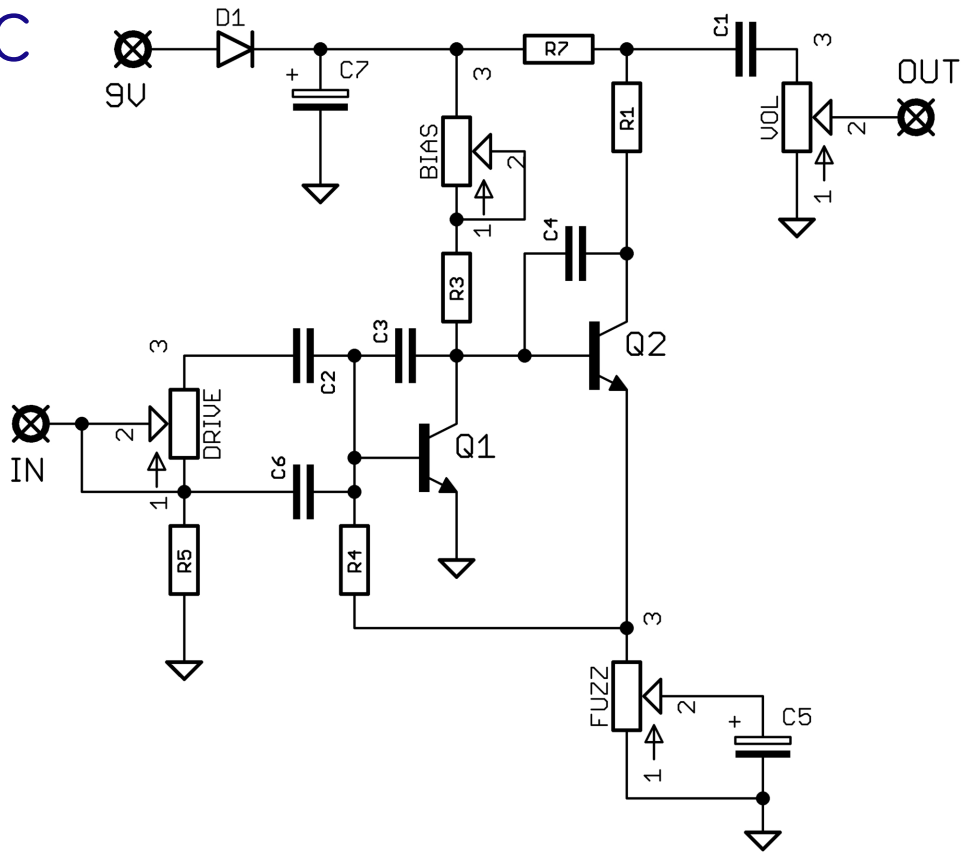
Before you dig in, ensure you download and read the **General Build Guide**.

It contains all the information you need for a successful outcome.



# Schematic + BOM

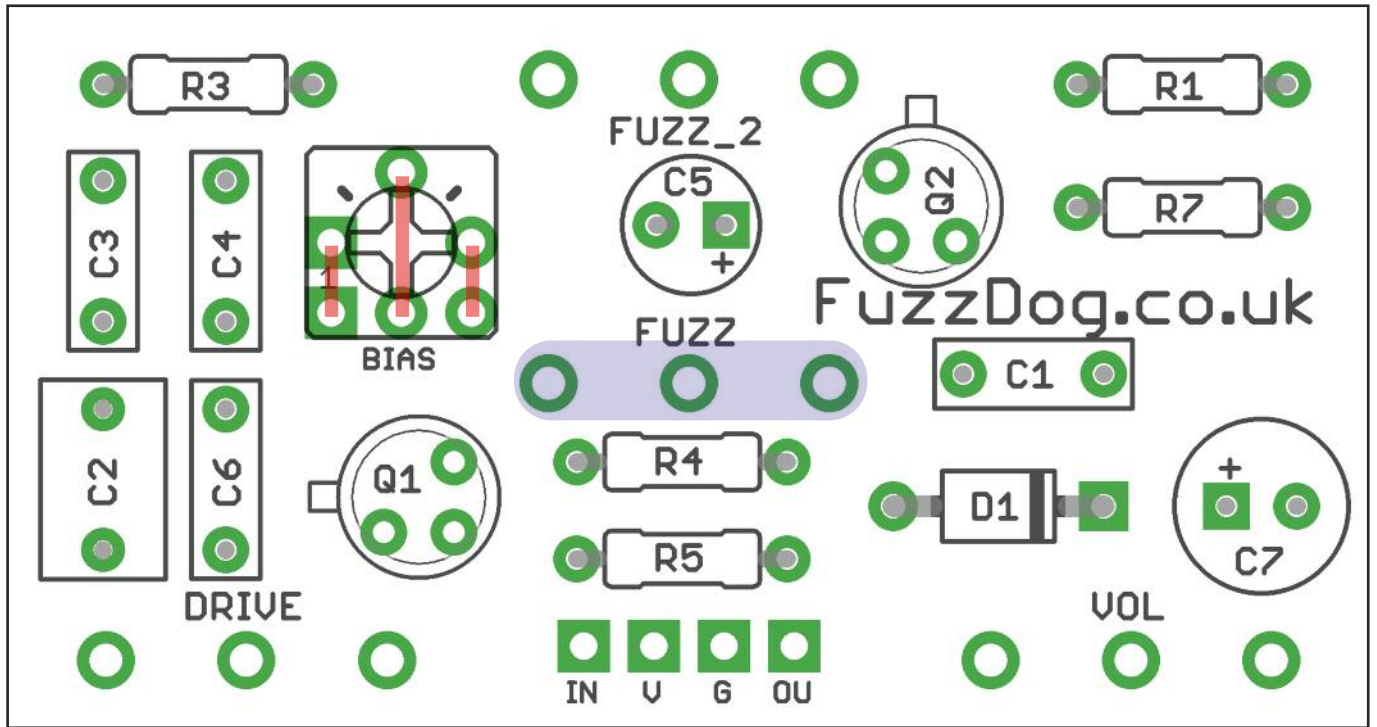
R1	2K2
R3	1K
R4	150K
R5	1M
R7	560R
C1	100n
C2	1u
C3	220p
C4	Empty*
C5	22u elec
C6	4n7
C7	100u elec
Q1-2	BC109
D1	1N5817
FUZZ	1KC**
VOL	500KA
DRIVE	100KB
BIAS	20K Trim



\*C4 is not on the original. We've added it in case you want to use higher gain silicon transistors, as these will likely cause oscillation. Adding a 100p cap in C4 should eliminate this.

\*\*1KB in the original, but reverse log is better. Up to you.

There's no perfect bias voltage other than that which pleases your ears. Adjust for your preferred balance of fuzz vs gated note decay.



Snap the small metal tag off the pots so they can be mounted flush in the box.

You should solder all other board-mounted components before you solder the pots.

Once they're in place you'll have no access to much of the board.

Note how the pads are connected within the traces of the PCB for the BIAS trimmer, as marked above.

You only need one pin of your trimmer in each column, so place it however it best fits.

The board has two sets of FUZZ pads. Use the top ones if you want the layout as per the original (see below). If you want a more standard upside-down triangle configuration, rotate your pot 90° and use the lower pads marked above.



# Drilling template

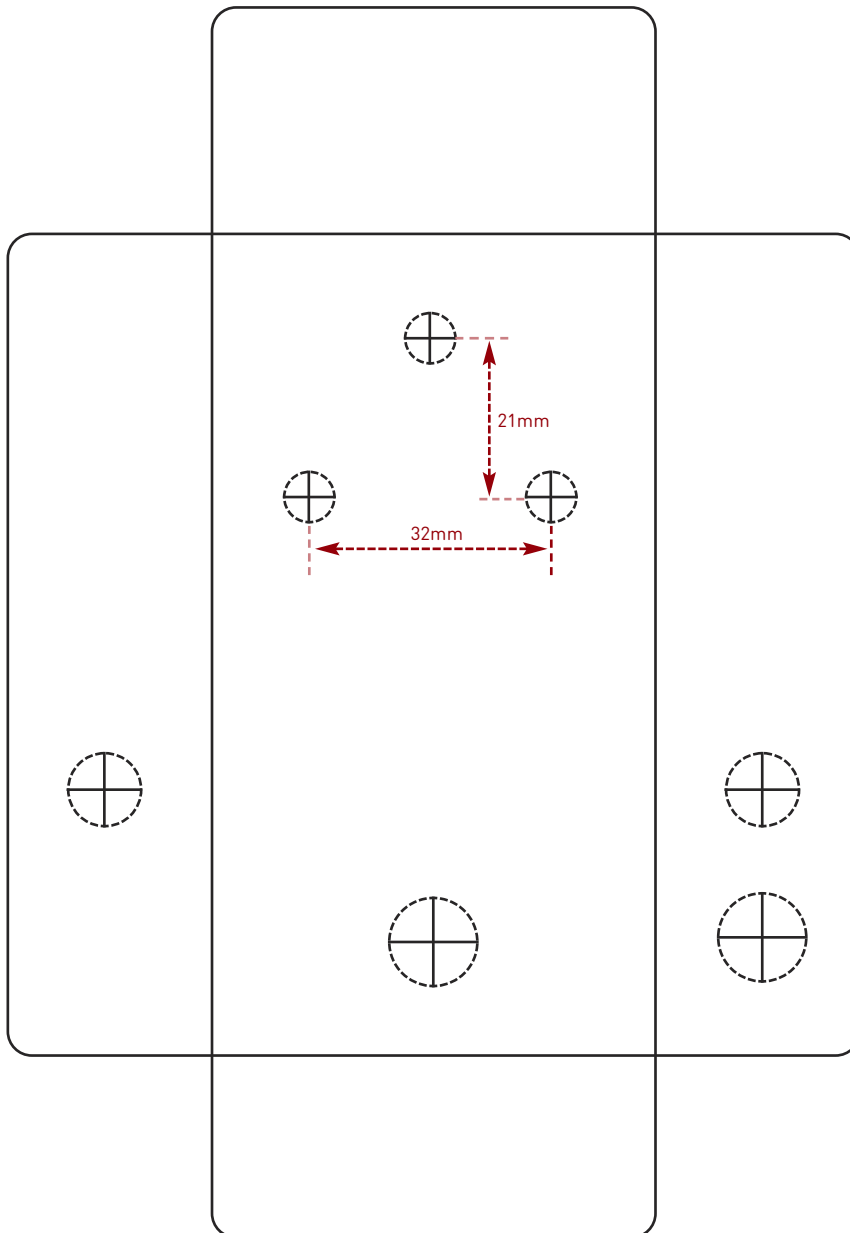
**Hammond 1590B - 60 x 111 x 31mm**

Drill sizes listed are minimum.

It's a good idea to add 1mm to anything mounted on the PCB that'll poke through the front of the enclosure.

Drill sizes:

Pots	7mm
Jacks	10mm
Footswitch	12mm
DC Socket	12mm
Toggle switches	6mm
Rotary switches	10mm



This template is a rough guide only. You should ensure correct marking of your enclosure before drilling. You use this template at your own risk.

Pedal Parts Ltd can accept no responsibility for incorrect drilling of enclosures.

# Drilling template

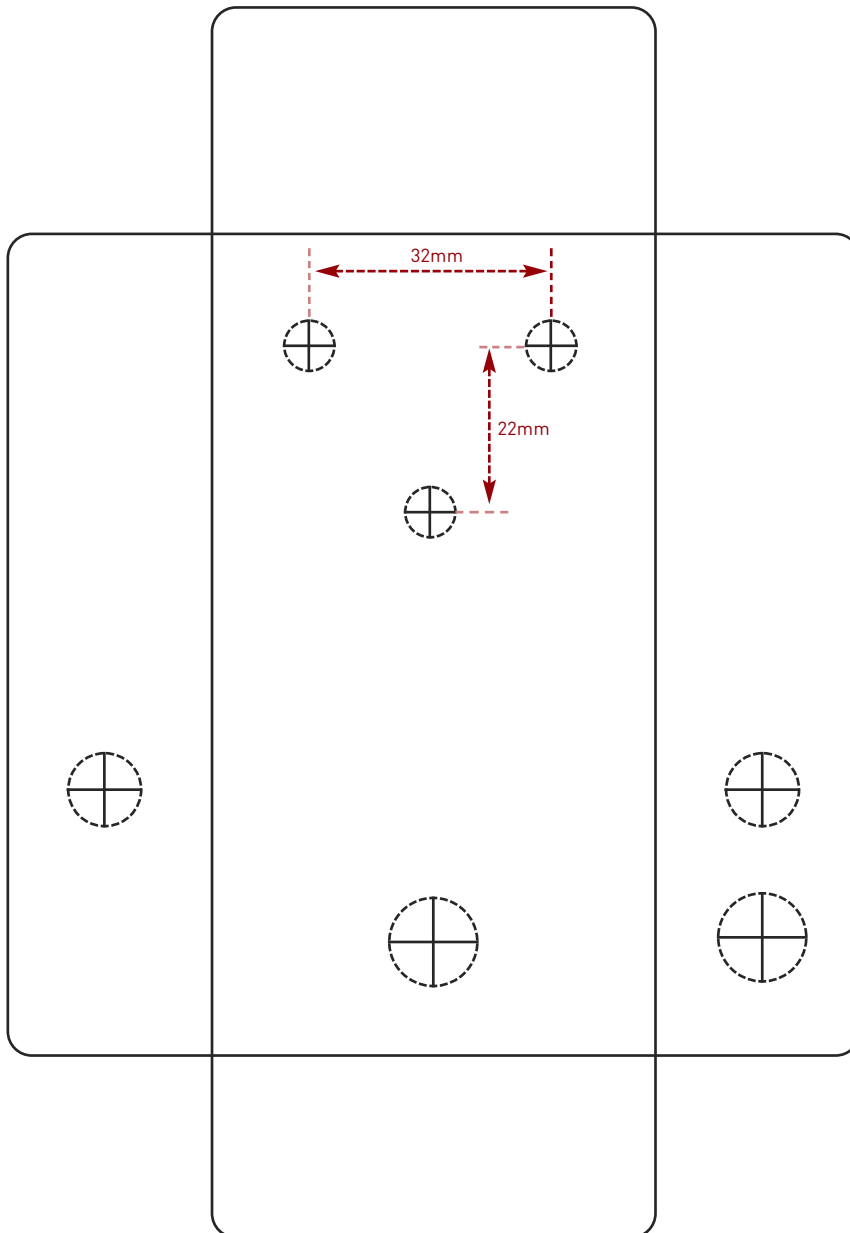
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