

WIZ

Magical lommi-in-a-box

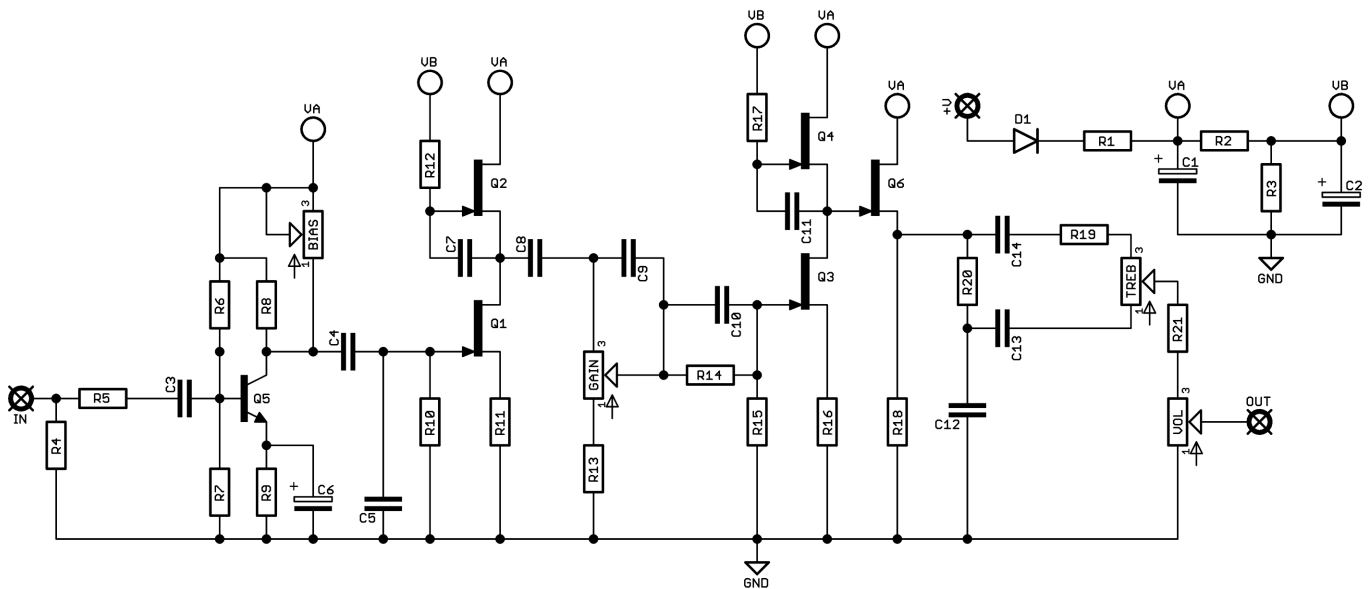


Before you dig in, ensure you download and read the **General Build Guide**.

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



Schematic + BOM

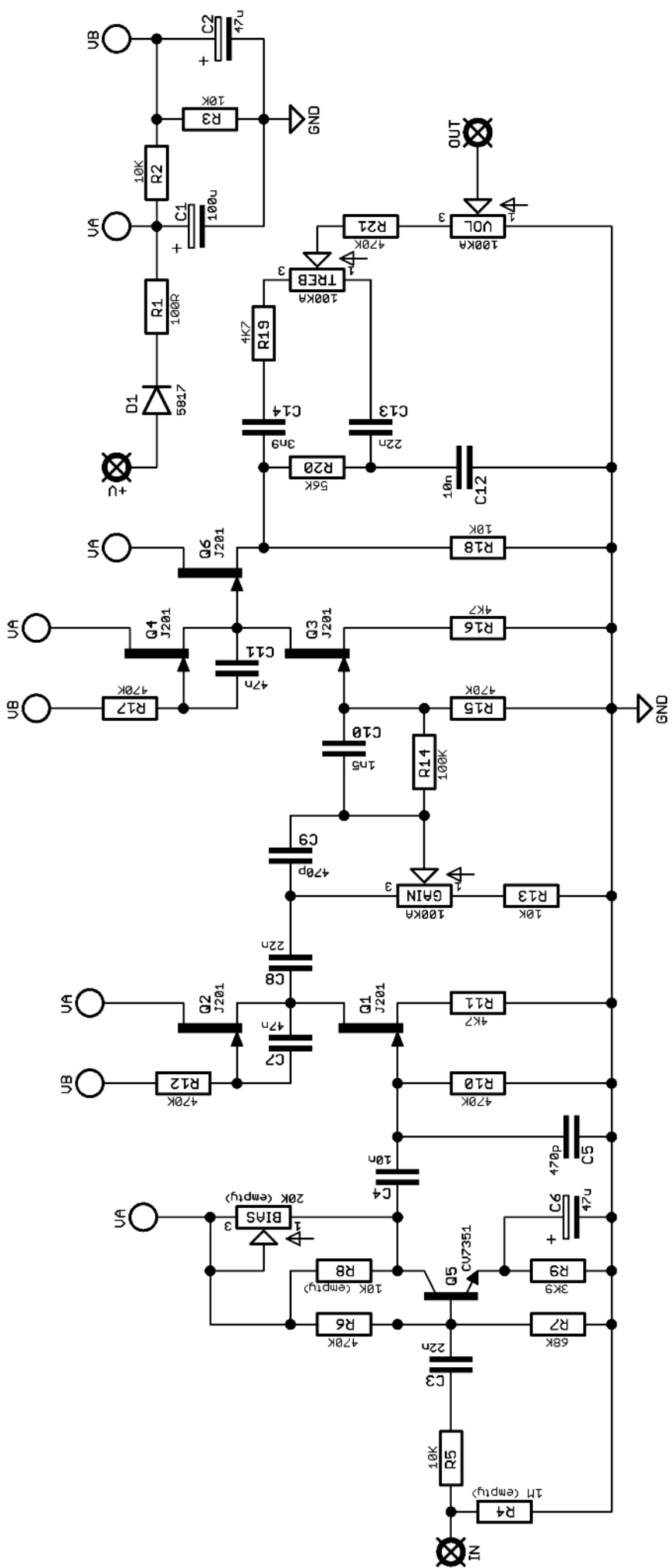


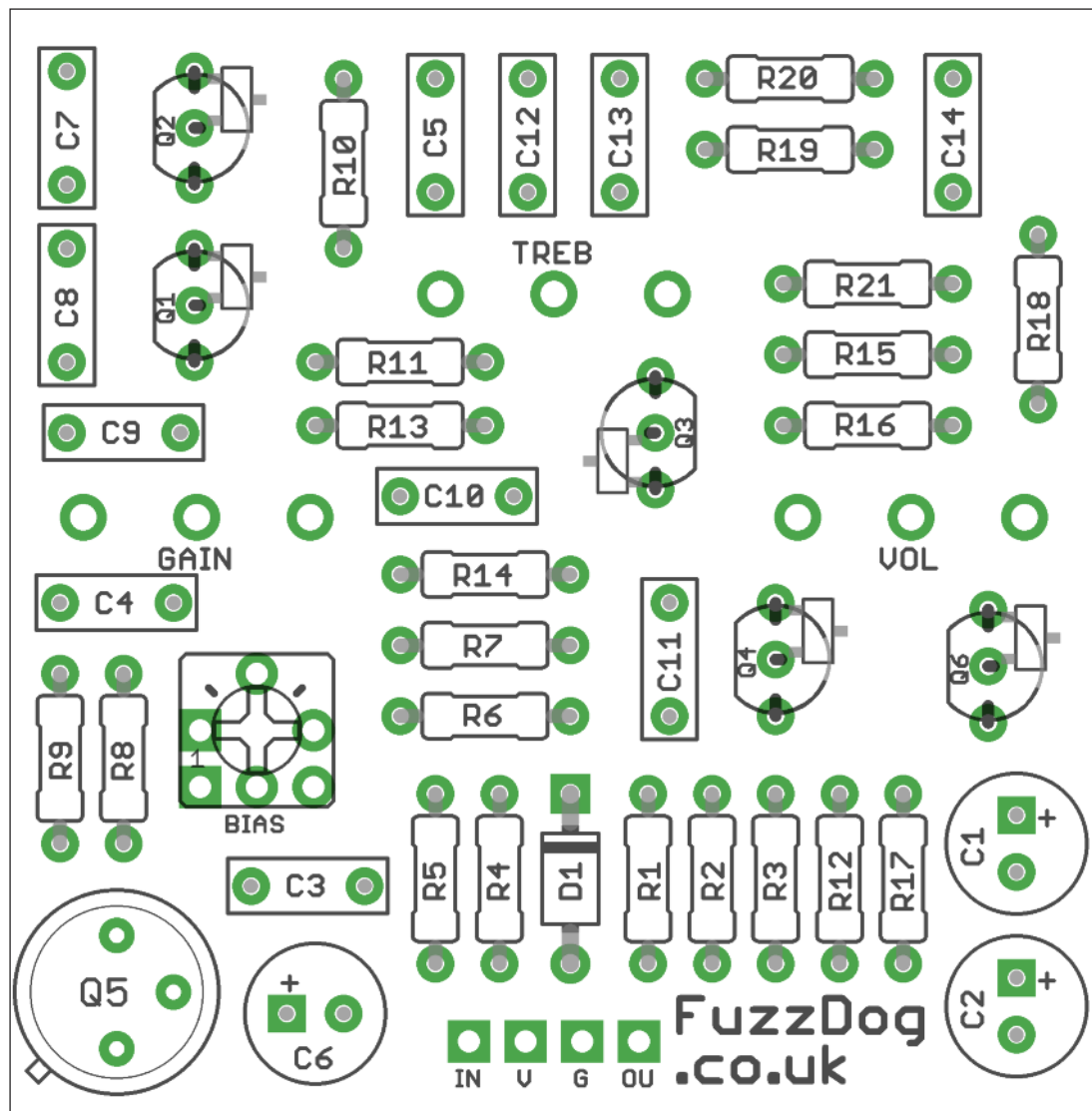
R1	100R	C1	100u elec	D1	1N5817
R2	10K	C2	47u elec		
R3	10K	C3	22n	Q1-4	J201 / MMBFJ201
R4	Empty (1M)*	C4	10n	Q5	CV7351***
R5	10K	C5	470p	Q6	J201 / MMBFJ201
R6	470K	C6	47u elec		
R7	68K	C7	47n	BIAS	20K Trim (Empty)**
R8	Empty (10K)**	C8	22n		
R9	3K9	C9	470p	GAIN	100KA
R10	470K	C10	1n5	TREB	100KA
R11	4K7	C11	47n	VOL	100KA
R12	470K	C12	10n		
R13	10K	C13	22n		
R14	100K	C14	3n9		
R15	470K				
R16	4K7				
R17	470K				
R18	10K				
R19	4K7				
R20	56K				
R21	470K				

*Not in original. If you experience switch pop feel free to add it.

**Original has a fixed 10K resistor to set the bias of Q5. We feel it benefits from tweaking to perfection so recommend the trimmer instead. Use one or the other.

***Any NPN Germanium that'd be suitable for a RangeMaster.

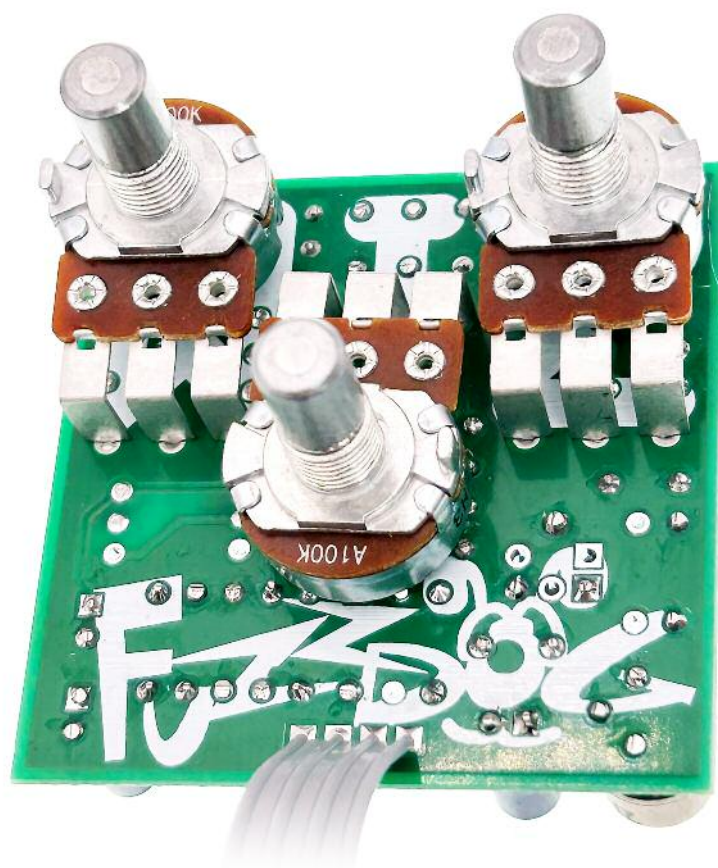




Snap the small metal tag off the pot so it can be mounted flush in the box.

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

Once it's in place you'll have no access to much of the board.



Drilling template

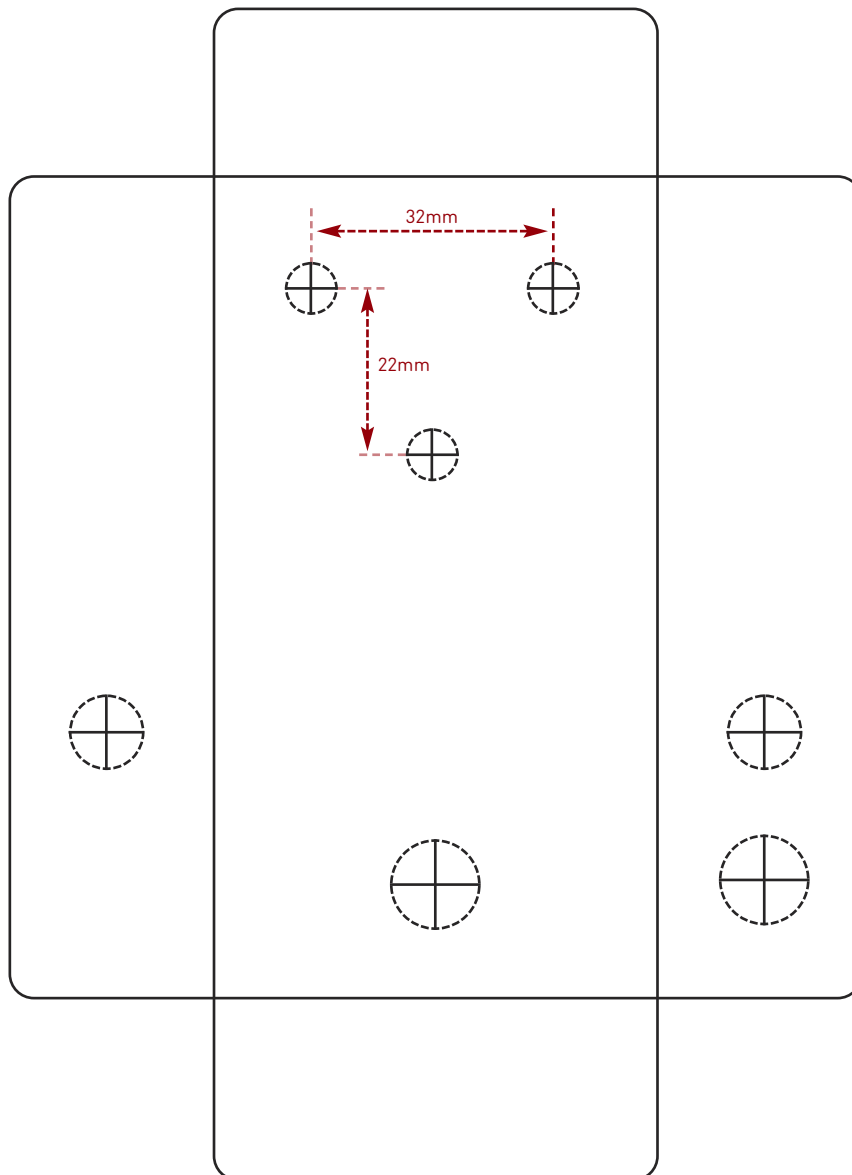
Hammond 1590B - 60 x 111 x 31mm

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.

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