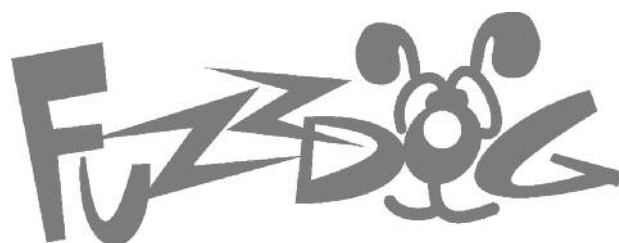


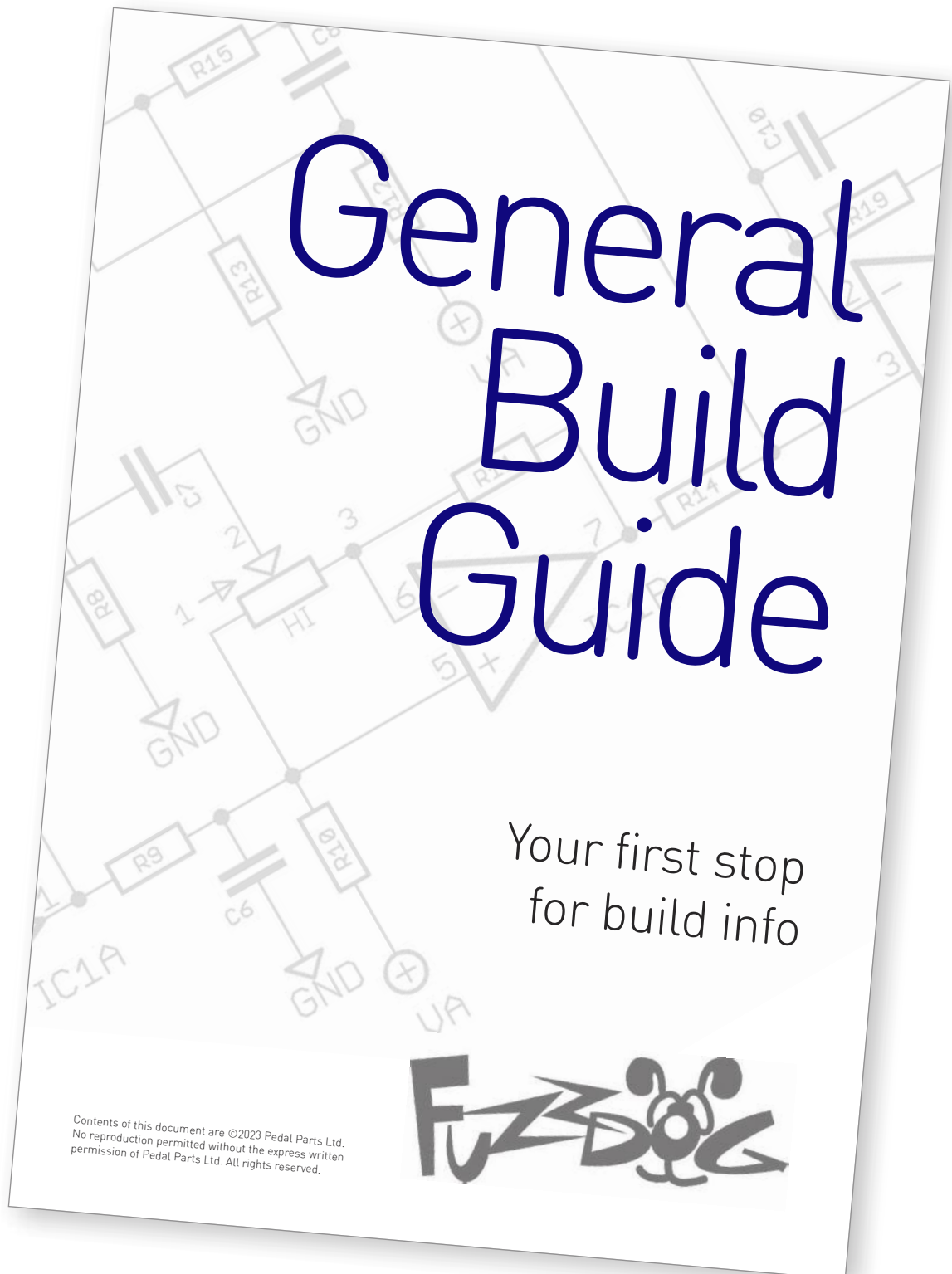
Hype Tube

The feels of the EL34 tube
in a little box

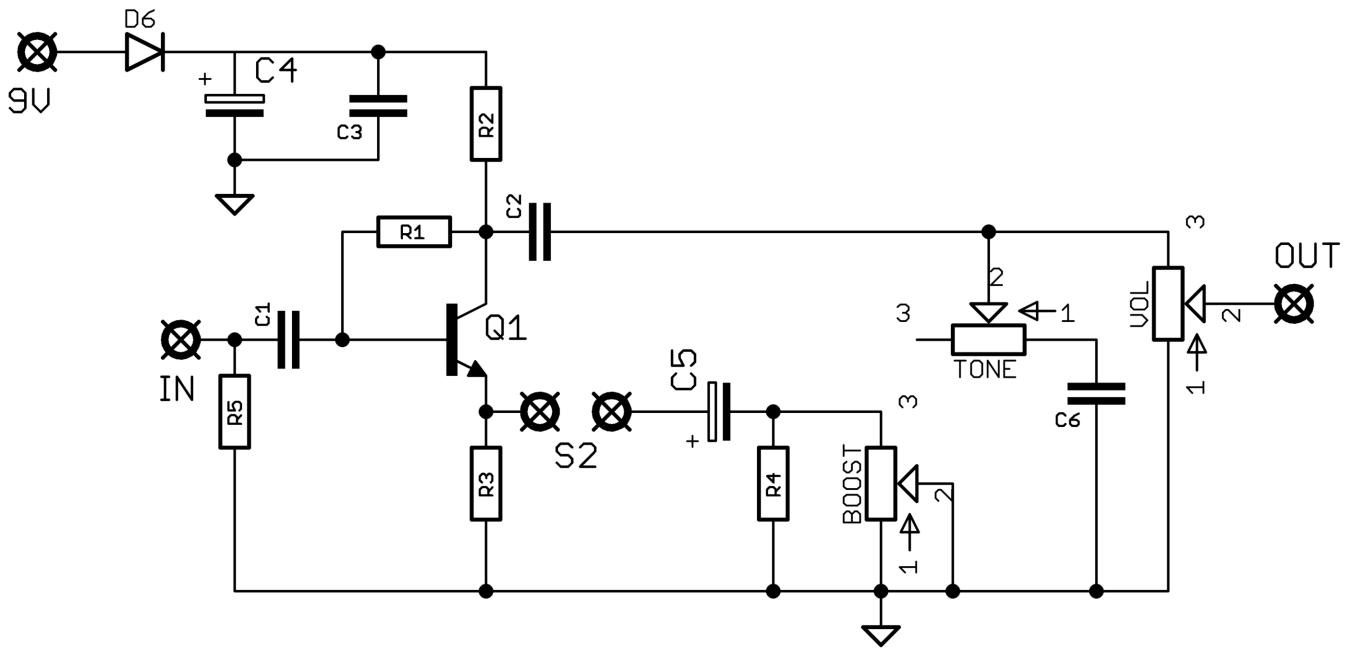


Before you dig in, ensure you download and read the **General Build Guide**.

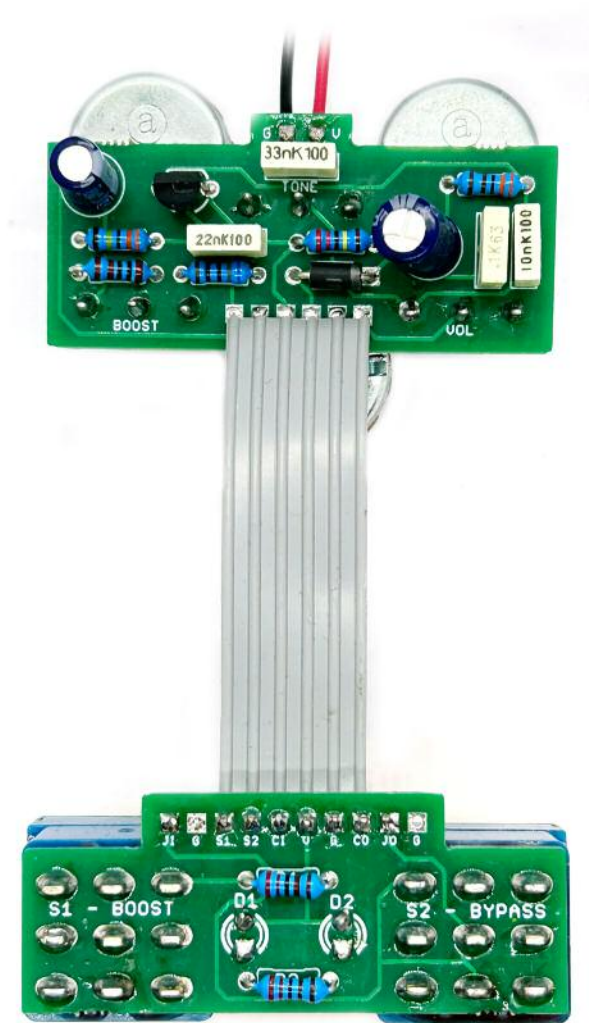
It contains all the information you need for a successful outcome.



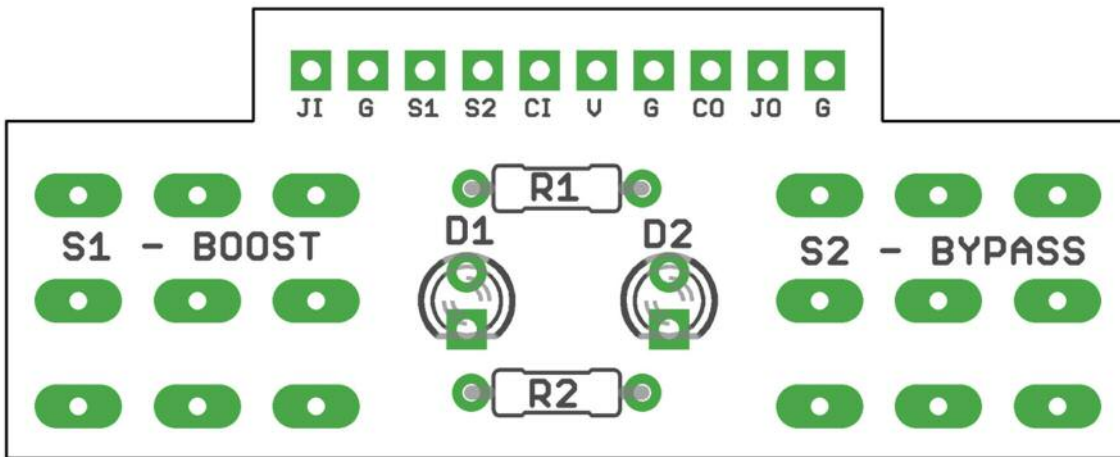
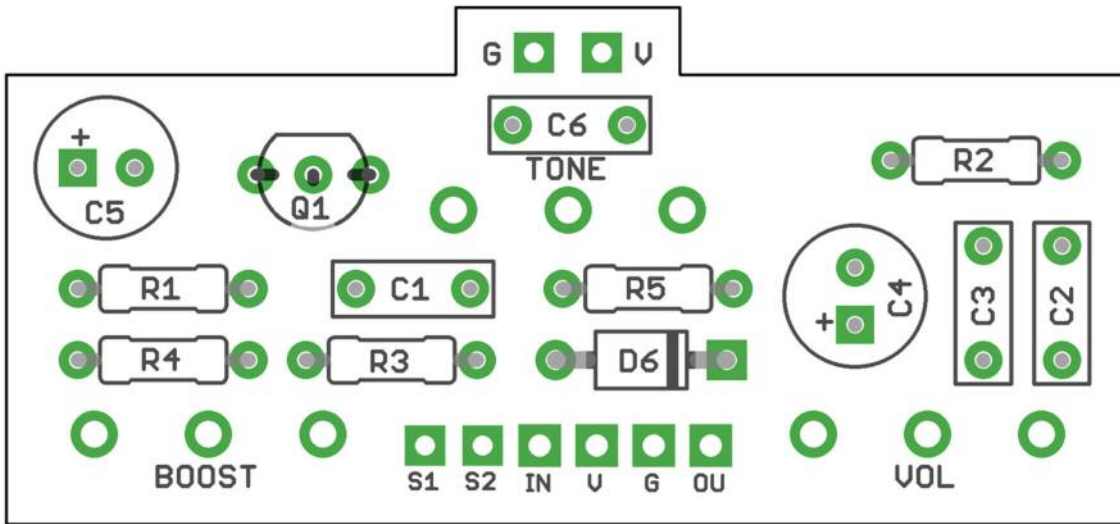
Schematic + BOM



- | | | | | | |
|----|-----------|-------|-------|---------------|-----|
| R1 | 3M3 | BOOST | 1KB | DAUGHTERBOARD | |
| R2 | 3K3 | TONE | 100KA | R1-2 | 2K2 |
| R3 | 680R | VOL | 100KA | | |
| R4 | 1K | | | | |
| R5 | 2M2 | | | | |
| C1 | 22n | | | | |
| C2 | 10n | | | | |
| C3 | 100n | | | | |
| C4 | 100u elec | | | | |
| C5 | 47u elec | | | | |
| C6 | 33n | | | | |
| Q1 | 2N508 | | | | |

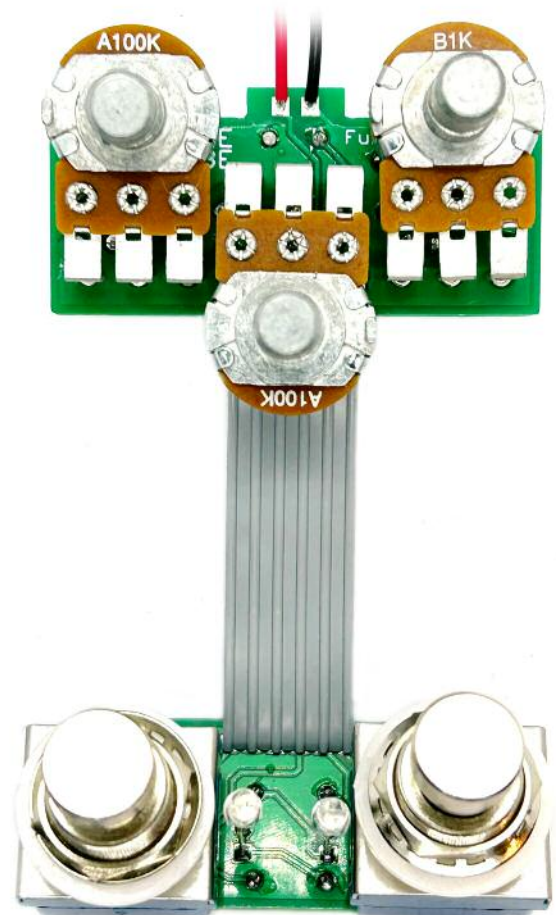


LOOK FAMILIAR?
 Yep, it's basically a
 Les Lius without clipping.



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. Make sure your pots all line up nicely.



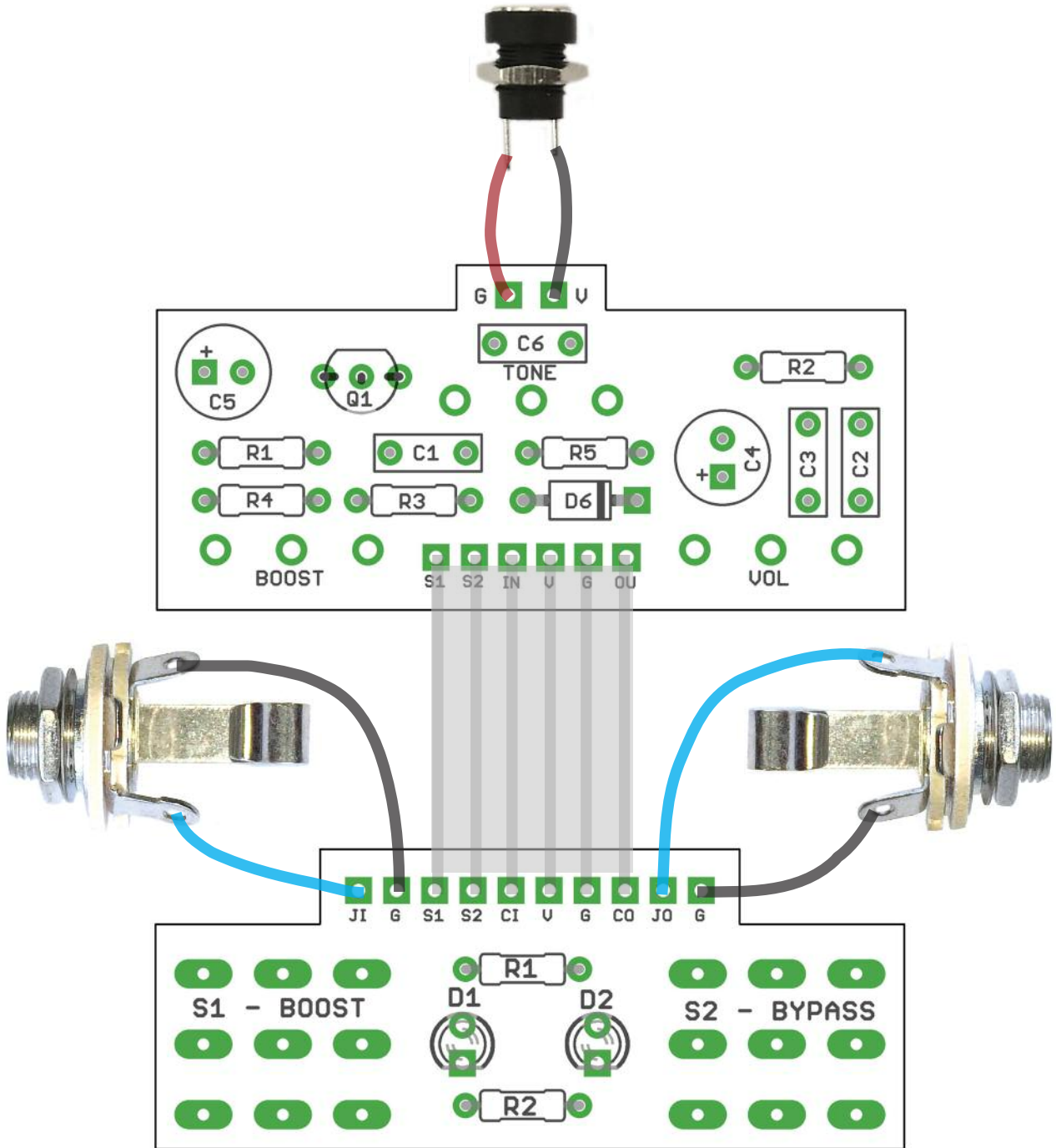
Connecting the boards and offboard components.

You can use a ribbon cable or just 6 lengths of wire to connect the main PCB to the daughterboard.

Use the other four pads on the connection strip of the daughterboard to connect your jacks.

The V and G pads at the top of the main PCB connect to your DC socket.

R1 and R2 on the daughterboard are the current limiters for the LEDs. We use 2K2.



Drilling template

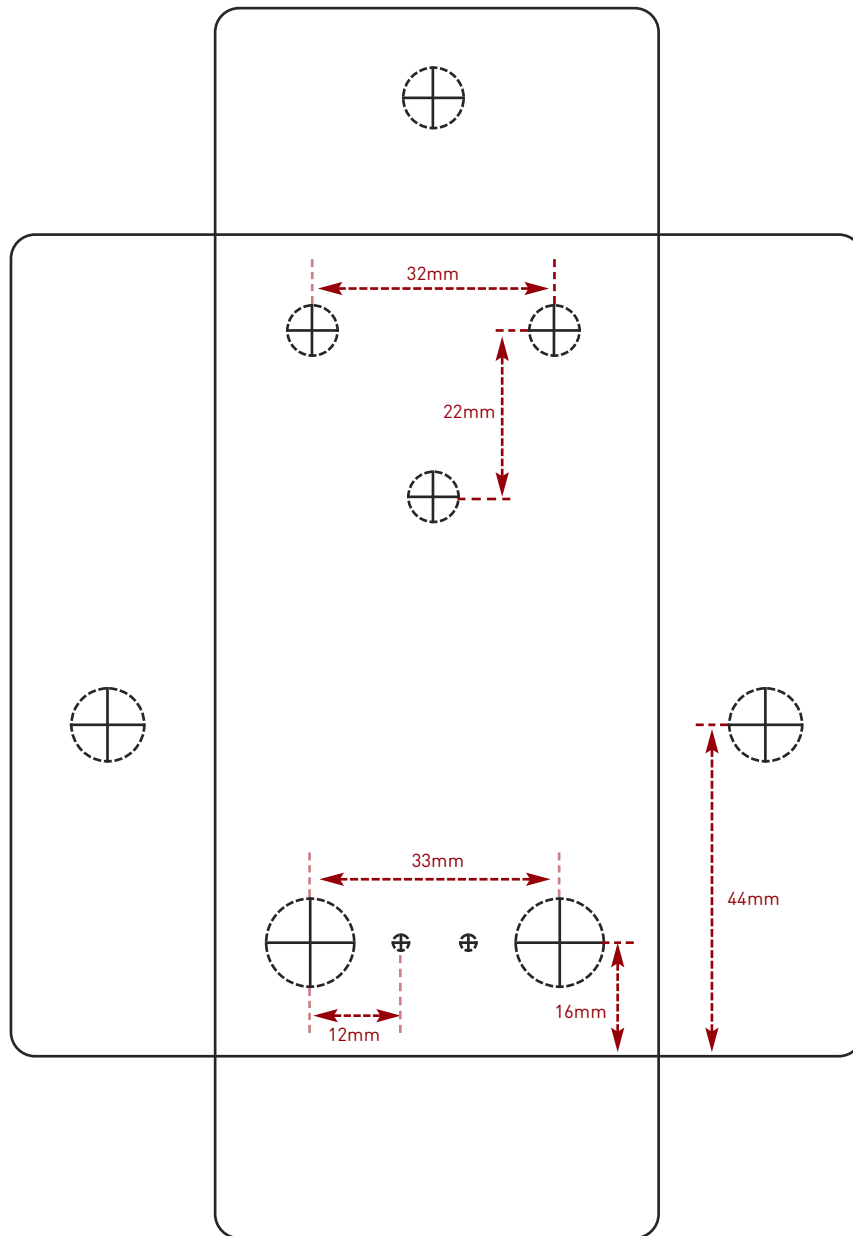
Hammond 1590B

It's a good idea to drill the pot and footswitch holes 1mm bigger.

Wiggle room = good!

Recommended drill sizes:

Pots	7mm
Jacks	10mm
Footswitch	12mm
DC Socket	8mm
Toggle switches	6mm



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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