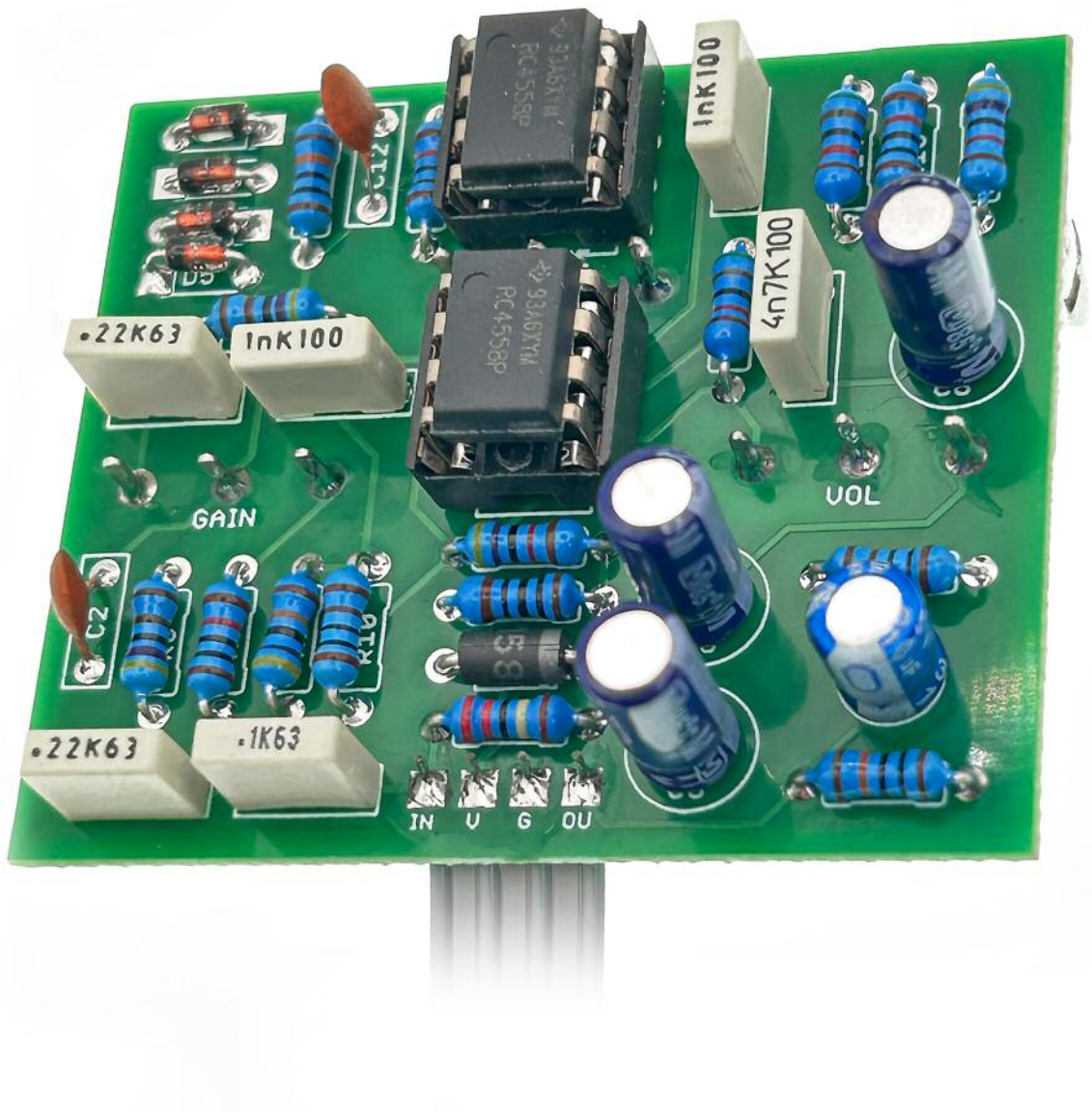
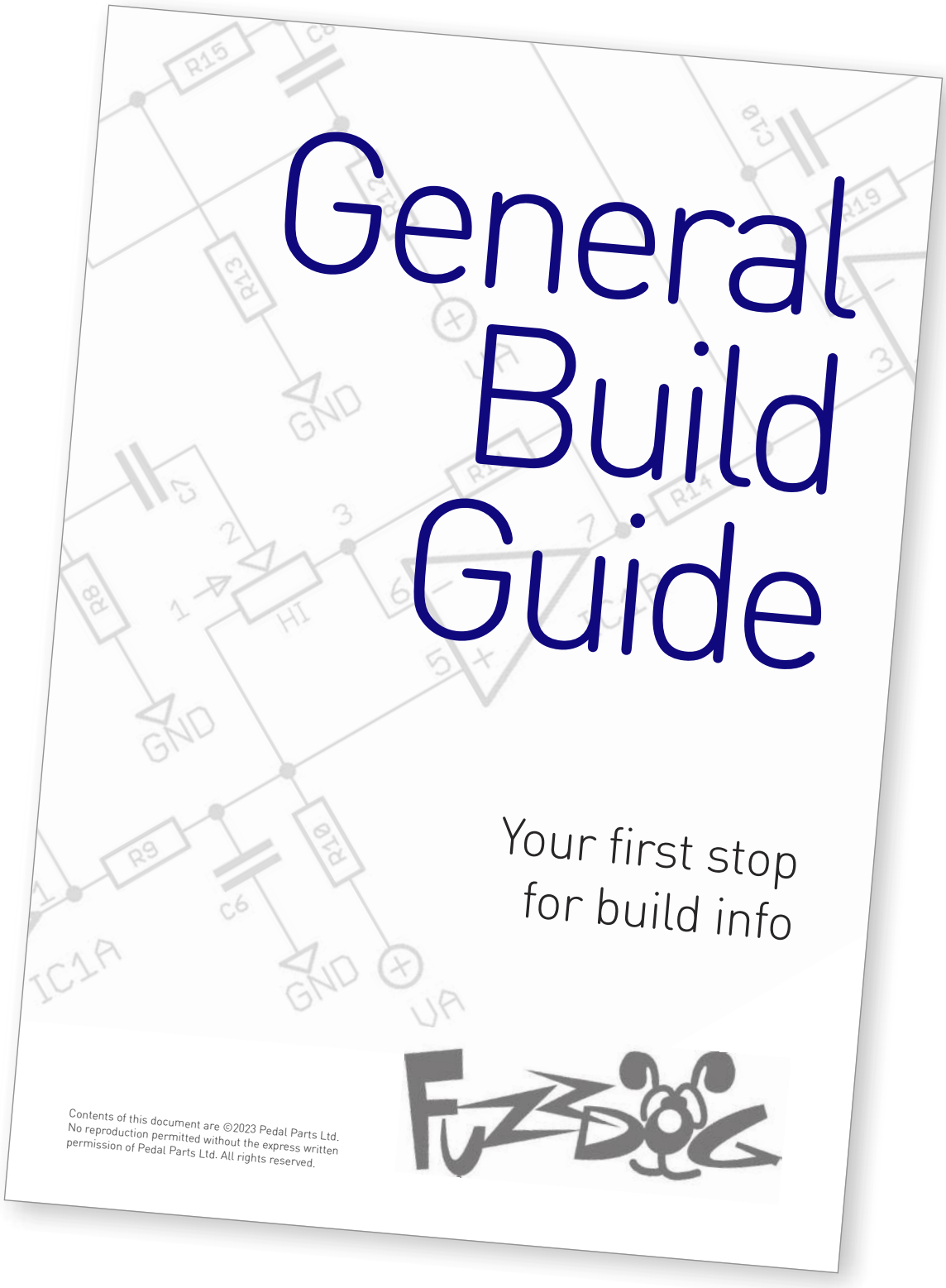


Gold Drive

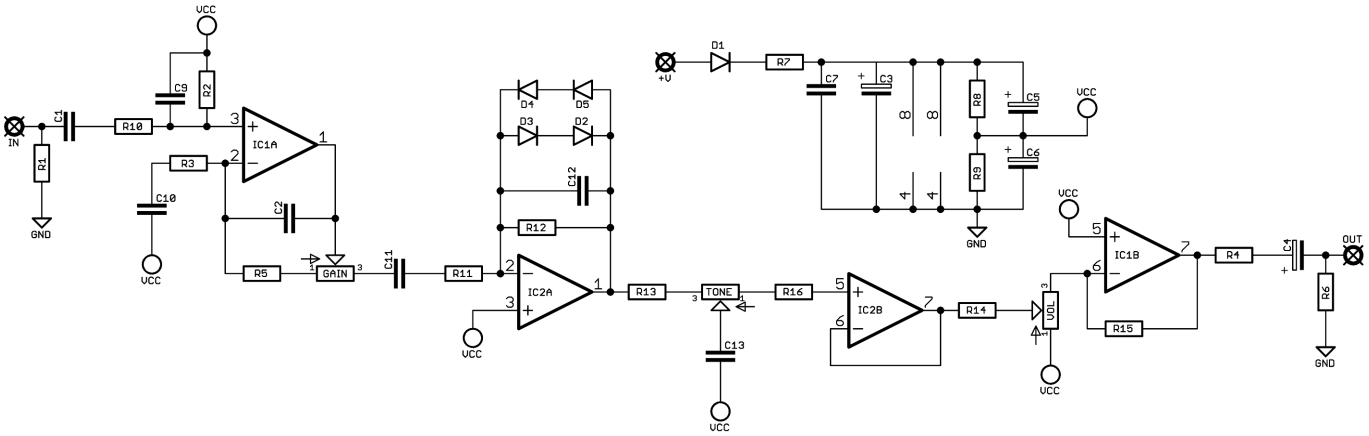
Imagine a Blues Breaker all grown up

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	2M2
R2	470K
R3	4K7
R4	1K
R5	10K*
R6	100K
R7	100R
R8	47K
R9	47K
R10	1K
R11	4K7
R12	100K
R13	10K
R14	51K
R15	51K
R16	10K

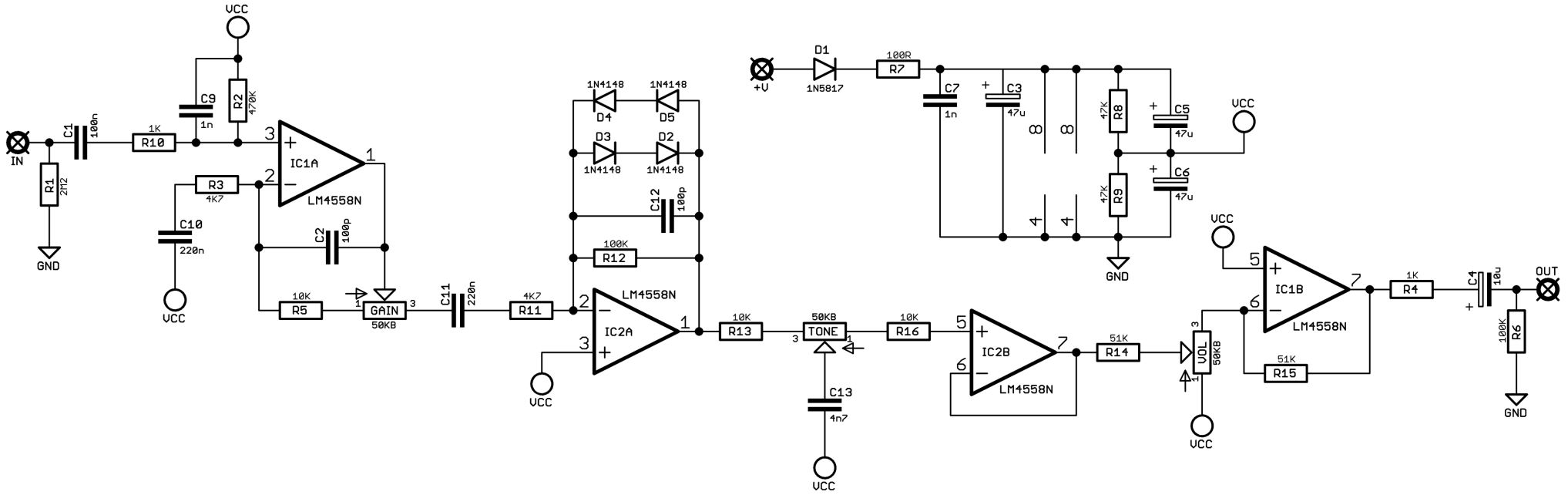
C1	100n
C2	100p
C3	47u elec
C4	10u elec
C5	47u elec
C6	47u elec
C7	1n
C9	1n
C10	220n
C11	220n
C12	100p
C13	4n7

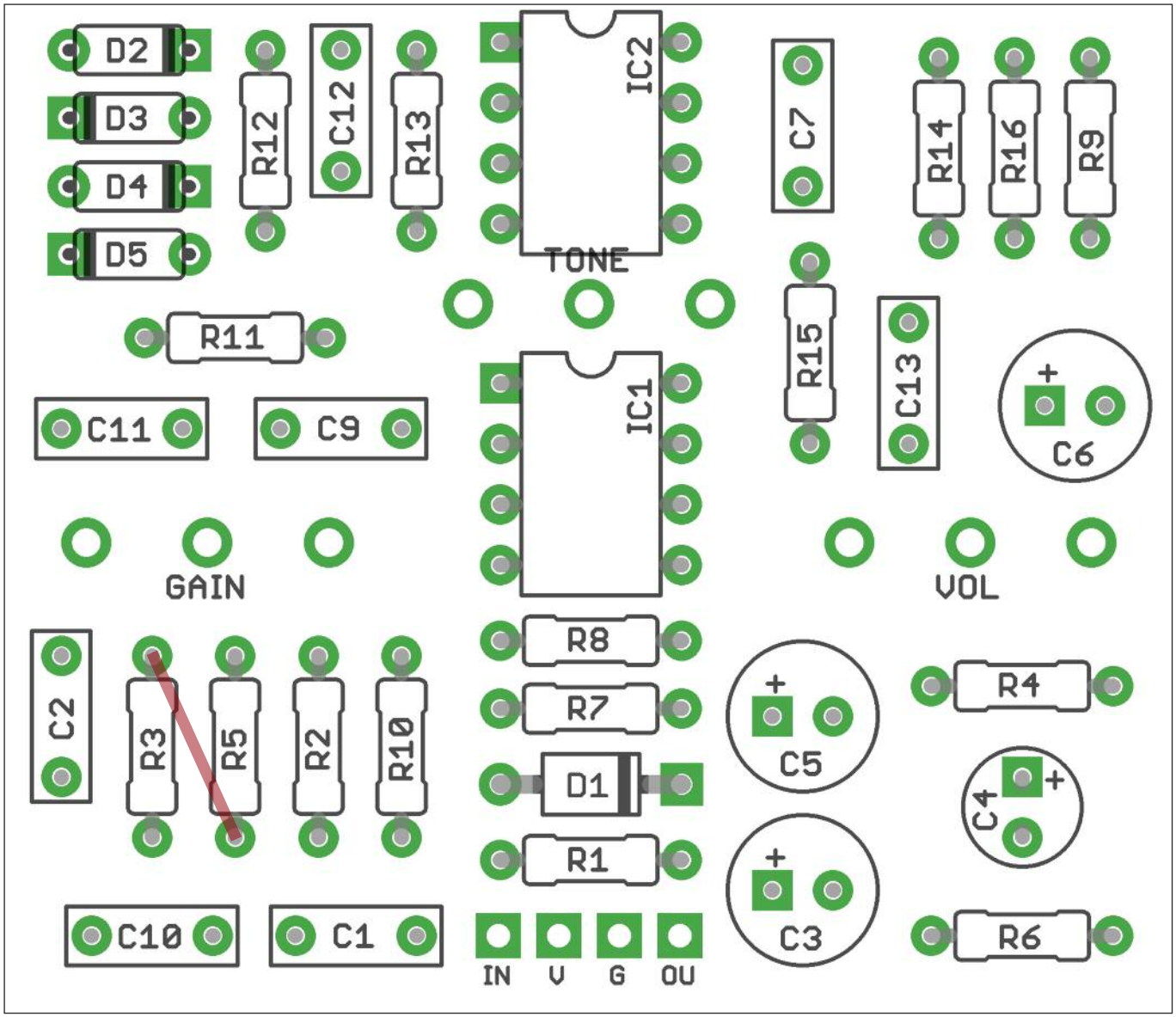
D1	1N5817
D2-5	1N4148
IC1-2	4558
GAIN	50KB
TONE	50KB
VOL	50KB

*R5 needs a small hack, as we left a connection hanging when laying out the PCB.

When you place R5, leave the leg in the lower pad intact. Bend this across the PCB to connect with the top pad of R3.

See page 5.

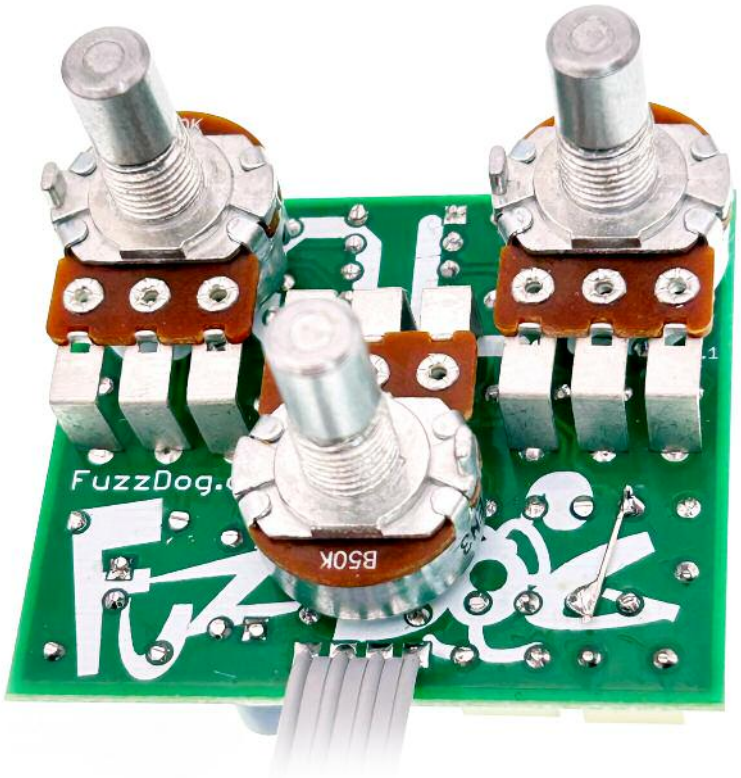

IN
C1
100n
R1
2M2
GND
1K
R10
VCC
C9
1n
R2
470K
R3
4K7
C10
220n
VCC
IC1A
LM4558N
C2
100p
10K
R5
GAIN
50KB
C11
220n
4K7
R11
1N4148
D4
1N4148
D5
D3
1N4148
D2
1N4148
C12
100p
100K
R12
LM4558N
IC2A
VCC
10K
R13
50KB
TONE
C13
4n7
VCC
+V
D1
1N5817
100R
R7
C7
1n
C3
47u
47K
R8
47K
R9
C5
47u
C6
47u
GND
VCC
IC2B
LM4558N
10K
R16
51K
R14
VOL
50KB
VCC
VCC
IC1B
LM4558N
51K
R15
1K
R4
C4
10u
100K
R6
GND
OUT



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.



R5 needs a hack to connect to the circuit. Bridge the pads shown >>>>

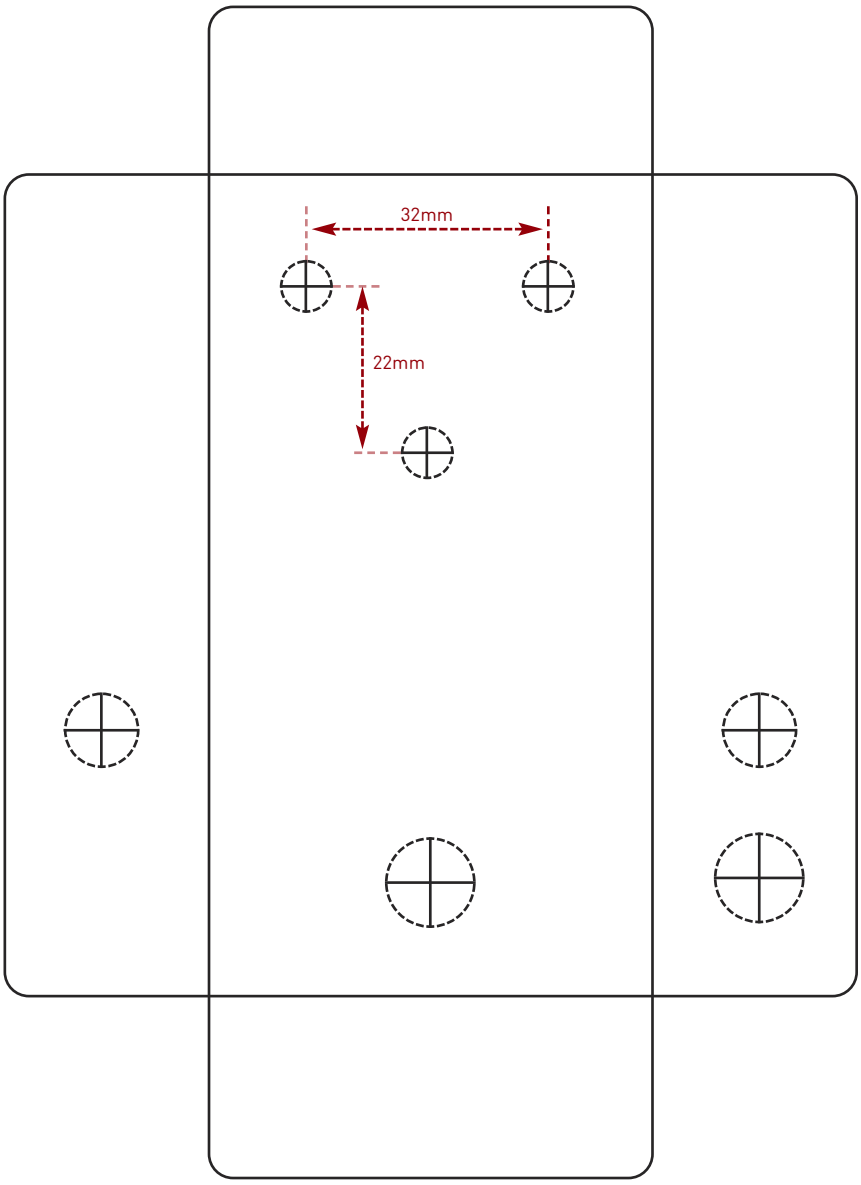
Drilling template

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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