

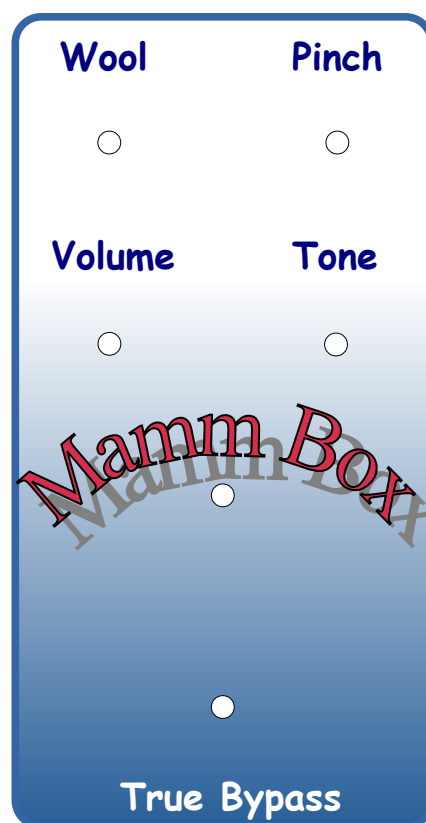
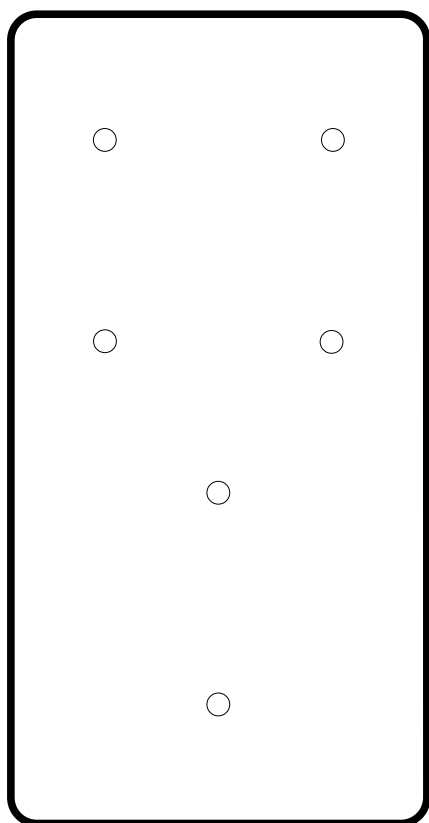
Mamm Box Hammond 1590 guide

This guide details how to fit the Bitsbox' Mamm Box pedal kit in to a standard Hammond 1590 enclosure.

Why would you want to do this? Well if you are a purist and have plenty of room on your pedal board, and want to keep as close to the original as possible, then stick with the standard layout. If however you want the same sound and functionality in a smaller, package, read on.

Hammond produce a range of 'stomp box' enclosures that are powder coated and for this project I have used a blue one ([Hammond 1590BCB – 111x60x31mm](#) Cobalt Blue Powder Coated Die-cast Box. Bitsbox # EN047)

Below is a drill template and the artwork. The artwork is designed to be used with transparent printable vinyl (Amazon) You can of course vary the design or do your own thing. For this project I sanded the top surface of the box to leave a bare metal finish - I find that finishing with a 240grit (straight top to bottom) give a nice texture.

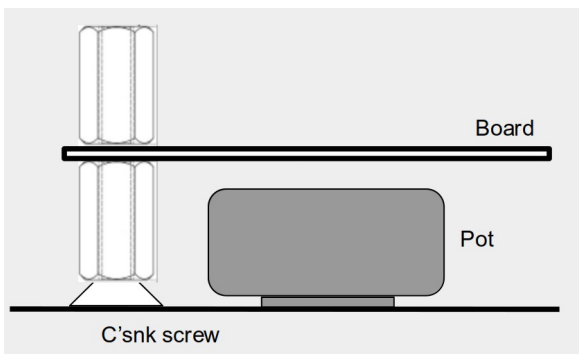


Mamm Box Hammond 1590 guide

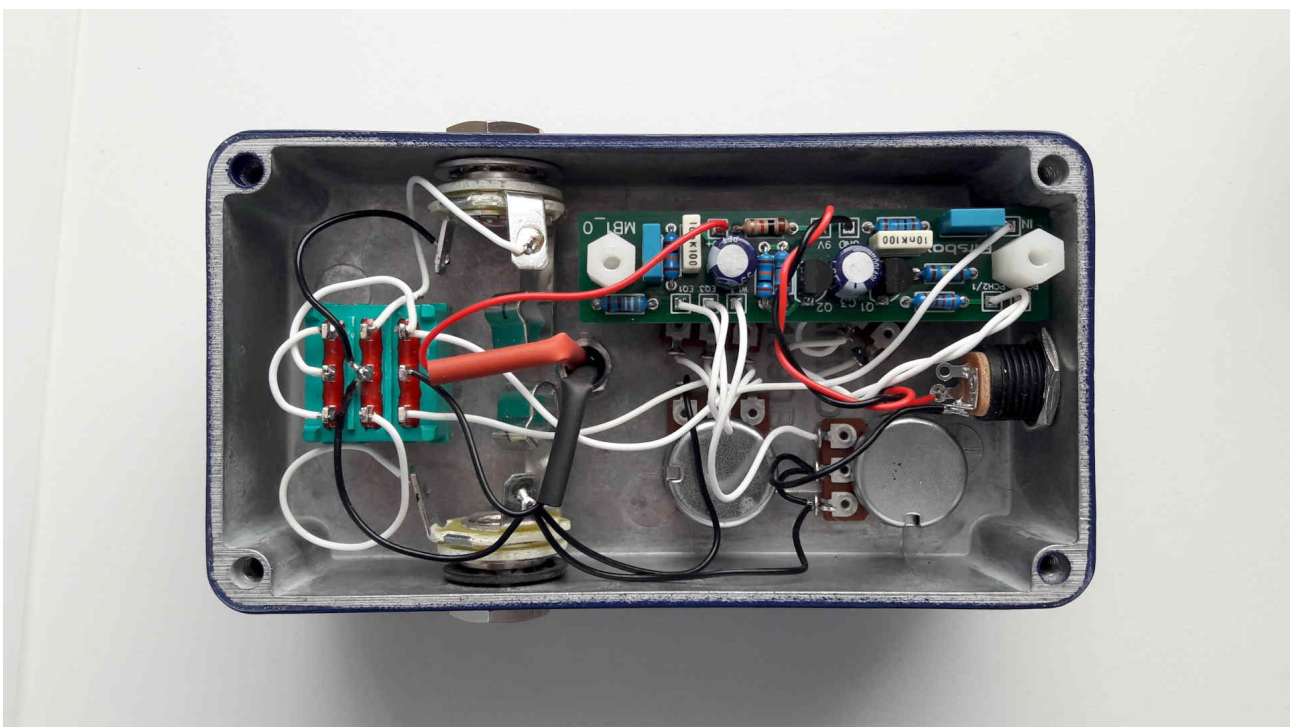
To mount the board I superglued two hex spacers with female threads both ends, one each side of the Pinch and Tone pots. The board is then fixed with two more hex male / female spacers. You could just use screws or you can dispense with the spacers altogether and fix the board to the back of the pots with adhesive pads.

If your using nylon spacers I would advise putting a countersunk screw in and glueing that to the box as sit sticks better.

Fix the spacers to the board, put the pots in, then a blob of CA glue or araldite and press down firmly. You can then undo the top spacers and lift out the board.



Apart from the power socket everything else mounts from inside the box and there's plenty of room for wiring. I found the best way to wire it up was to solder all the wires to the board first, leaving a decent length so the board can be held just over the side of the box to get access to the pots - it helps if you use different coloured wires! Mount the pots, sockets and switch. It doesn't matter which order you wire things up, I started with the ground connections first, then did the board to the pots, mounted the board, then everything else.



Mamm Box Hammond 1590 guide

Note. You may have to drill the hole for the power socket slightly off centre depending on the size of your socket.

For reference the size of the artwork for the Hammond 1590 is 5.5 cm x 10.7 cm You can adjust to suit but I've found that maximises the area and leaves enough of a 'border to account for the radius of the box.

