MH THRU

BOM

Designator	Notes	Quantity	Value
J1 - 12	Jack_3.5mm PJ398SM +nuts	12	Jack Socket
	10mm spacer	4	
	6mm M3 screws	8	
	MH THRU PCB	1	PCB
	MH THRU Front Panel	1	Panel
	MH THRU Back Panel (smaller)	1	Panel

Assembly instructions

PCB orientation

J1-3 should be at the top and face the front of the module.

Mount the 4 spacers on the PCB in the 3mm holes on the side of the PCB using the M3 screws. The spacer nearest J1 and J6 (top and bottom holes) should point towards the back of the module and the other two spacers should point towards the front.

Place but do not solder jack sockets in J7-J12

Place the (smaller) back panel over these with the numbers facing outward with '1' at the top and secure with 2x M3 screws.

Check everything is straight and solder J7-J12 in place.

Remove the back panel

Place but do not solder jack sockets in J1-J6

Place the front panel over these with the numbers facing outward with '1' at the top and secure with 2x M3 screws.

Check everything is straight and solder J1-J6in place.

Replace the back panel and secure again with the M3 screws.

Check that none of the spacers are protruding over the edge of the PCB. You might need to turn them slightly with a small pair of pliers, so a flat side of the spacer is next to board edge.

Secure all the jacks with jack nuts.

Done!