

## **MH MS-Control**

### **BOM**

MH MS-Control PCB and Panel

6x 3.5mm Jacks

6x Jack nuts

1x B10k potentiometer + nut

1x Potentiometer knob

2x 1N4148 diodes (D1, D2)

1x68k resistor (R1)

2x 10k resistors (R2, R3)

2x 2N3904 transistors (Q1, Q2)

### **Assembly instructions**

Place and solder the diodes. Take care with orientation – the stripe on the diode must match the stripe on the PCB

Place and solder the resistors. Orientation is not an issue with these.

Place and solder the transistors. Take care with orientation – the transistor shape must match the outline on the PCB

Place all jack sockets and the potentiometer on the PCB (Do not solder yet). You might need to very slightly flatten the potentiometer lugs with a small pair of pliers to help place it on the PCB.

Put the front panel over the jack sockets and potentiometer. Secure with the pot nut and jack nuts

Check that the jacks are still aligned to the PCB and have not been rotated by tightening the nuts. If any of them are out of place loosen the nut adjust and retighten.

Solder everything making sure there is no gap between the front panel components and the PCB.

Put the knob on the potentiometer

Done!