Plum Audio – SWITCH Build Instructions v1

1. First place and solder the 2x5 pin power header – the header sits on the same side of the PCB as most of the pre-soldered SMD components and the text saying SWITCH. Solder two corner pins first and then check that the header is sitting flush to the PCB. If it's not flat then you can reflow the solder joints as required and adjust before soldering the remaining pins.

2. Next solder the two 1x3 pin headers on either side of the power header.

3. Now turn the PCB over and place but don't solder yet the 8 x jack sockets. The sockets are placed on the opposite side of the PCB to the headers. Note: the longer ground pin of each socket shares a hole with the socket directly next to it. Take your time to place the jacks carefully ensuring that each ground pin is correctly inserted.

4. Before you place the panel onto the jacks– make sure that the PCB is oriented correctly. The 'LED1' 'LED2' text on the jack side of the PCB should read from bottom to top.

5. Now take the frontpanel and insert the lightpipes. Use the provided heat shrink to isolate the LEDs from one another as well as securing the lightpipes to the panel. Once the panel is placed onto the module, attach the jack nuts to hold the panel in place.

6. Once everything is secure you can turn over and solder all the jack pins

7. Finally attach the power cable – making sure that the red stripe faces towards the white stripe on the PCB silkscreen with the text 'RED'.

8. Use the SWITCH manual to learn about the functions of the module and how to set the jumpers on the back of the PCB

   https://diy.plum-audio.com/projects/manuals/Switch.pdf

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