

Plum Audio – MIX 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 MIX. Solder two corner pins first and then check that the header is sitting flush to the PCB. If it's not sitting flat, then you can reflow the solder joints as required and adjust before soldering the remaining pins.
2. Next solder the two 1x3 male headers at JP1 and JP2, These headers sit on the same side of the PCB as the power header. Solder one pin of each header first, and then make sure the header is sitting flush to the PCB before soldering the rest.
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 power header. 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 'POS' and 'NEG' text on the jack side of the PCB should read from bottom to top. Now place the frontpanel and attach the jack nuts to hold the panel in place.
5. Once everything is secure you can turn over and solder all the jack pins
6. Place a jumper onto each of the 3 pin headers according to which setting you prefer. The setting instructions are written on the PCB.
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 STRIPE'.