

## Plum Audio – ARBA 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 ARBA. 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. Now turn the PCB over and place but don't solder yet the 12 x jack sockets. The sockets are placed on the opposite side of the PCB to the power header. Note: the longer ground pin of the 8 CV & IN sockets share a hole with the socket directly below or above. Take your time to place the jacks carefully ensuring that each ground pin is correctly inserted.
3. Now place the front panel, insert the light pipes, and attach the jack nuts to hold the panel in place.
4. Once everything is secure you can turn over and solder all the jack pins.
5. 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'.
6. Use the ARBA manual to learn about the variable functions of the module accessible through the trimmers and switches located at the back of the PCB.

[https://diy.plum-audio.com/projects/manuals/ARBA-Quad\\_VCA.pdf](https://diy.plum-audio.com/projects/manuals/ARBA-Quad_VCA.pdf)