



DIY INSTRUCTIONS

This document will guide the user through the process of building their own QUATT module. While this should be a simple and enjoyable process, some prior experience with soldering is highly recommended before starting this project.

Please ensure that steps are followed in the correct order, as failure to do so may cause complications further on in the build.

For help building this module, please email support@scrapcode.co.uk.

COMPONENT CHECKLIST

Please check the following component list before starting assembly. If any components are missing or damaged, please email support@scrapcode.co.uk.

Components Bag:

- 8x Jack socket
- 4x 10K potentiometer with centre detent
- 1x Power header
- 4x Trimmer topper
- 4x Silver nut
- 4x Red nut
- 1x 10mm plastic standoff

Installation Bag:

- 2x 6mm screw
- 1x Ribbon cable

Other:

- 1x PCB
- 1x Faceplate

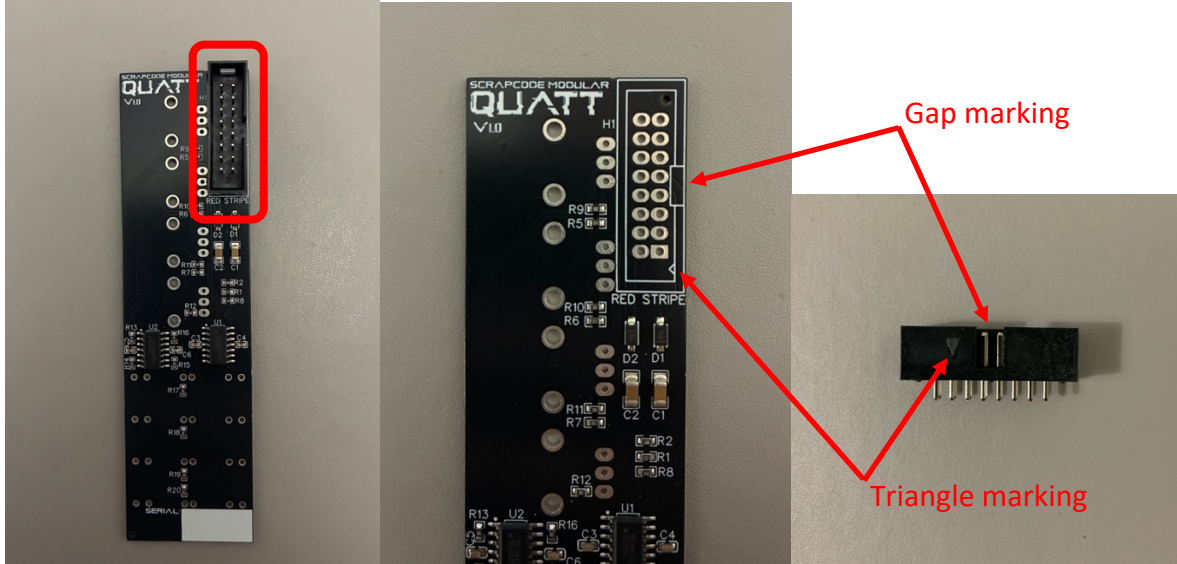
TOOLS REQUIRED

- Soldering iron
- Solder (ideally lead-free)
- 3.5mm knurled nut driver
- Superglue
- Eye protection
- Fume extractor



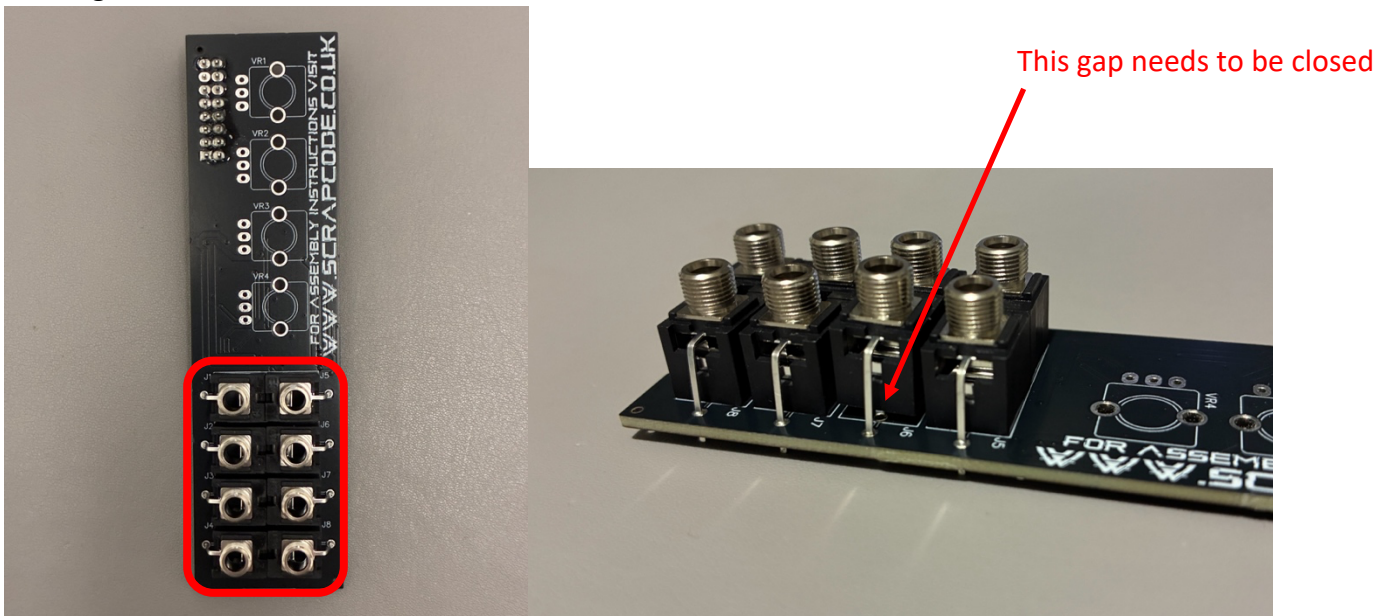
1 – POWER HEADER

Solder the power header (H1) in place, ensuring that it is the right way around.



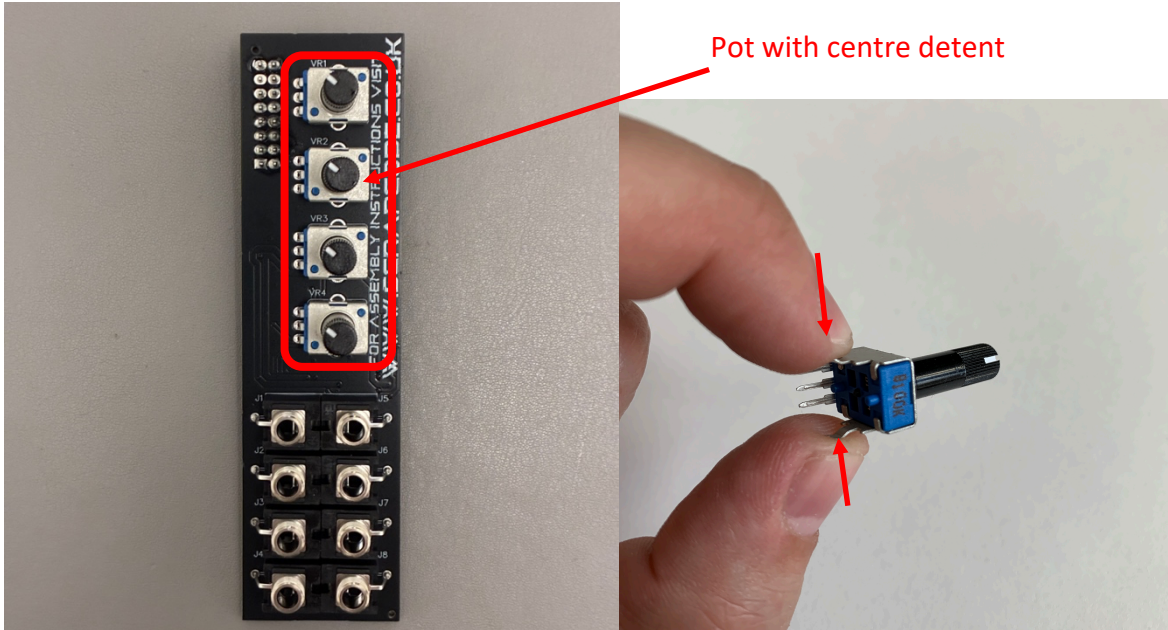
2 – JACKS

Solder the jacks (J1-8) in place, ensuring that they are mounted flat with no gaps between the plastic housing and the PCB.



3 – POTS

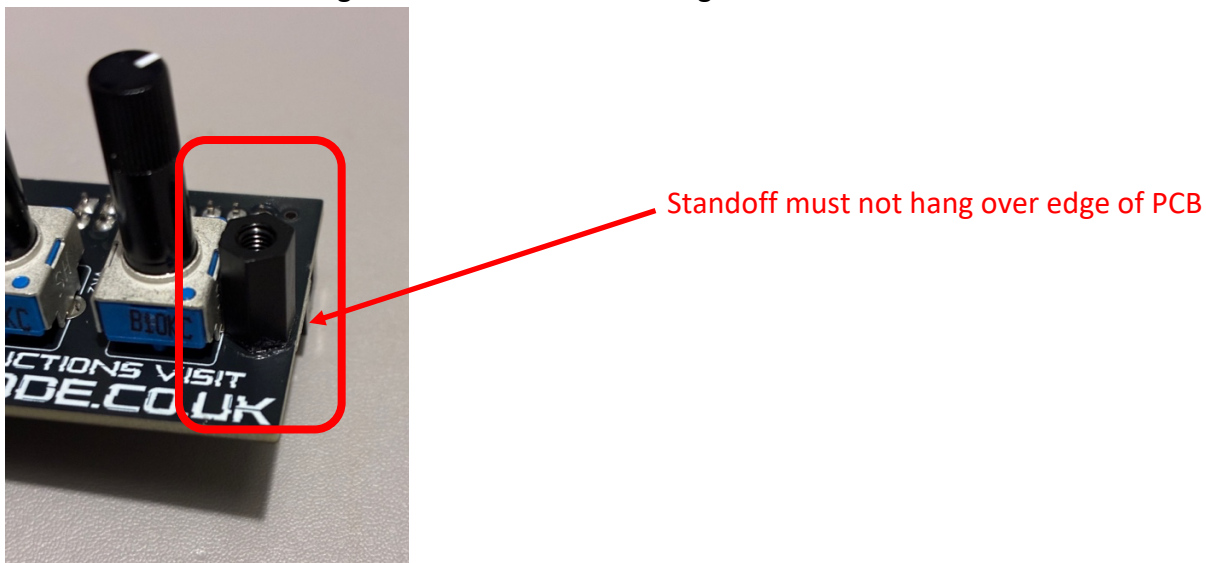
Insert the pots (VR1-4), but **do not solder them** yet. The large edge pins may need to be squeezed inwards slightly before insertion to help them fit.



4 – PLASTIC STANDOFF

Use a tiny dot of superglue to attach the plastic standoff to the front of the PCB, just above VR1. Ensure that no glue comes into contact with the potentiometer. Extra care must be taken when using superglue, and all instructions on the packaging must be adhered to.

Wait five minutes for the glue to set before continuing.



5 – FACEPLATE

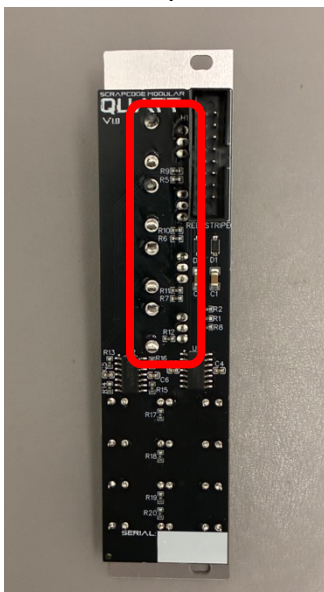
After dry fitting to check that everything lines up, put a small drop of superglue on top of the plastic standoff and then install the faceplate. Silver nuts should be used on the input jacks and red nuts should be used on the output jacks. Tighten all nuts, being careful not to over-tighten.

Wait five minutes for the glue to set before continuing.



6 – POTS

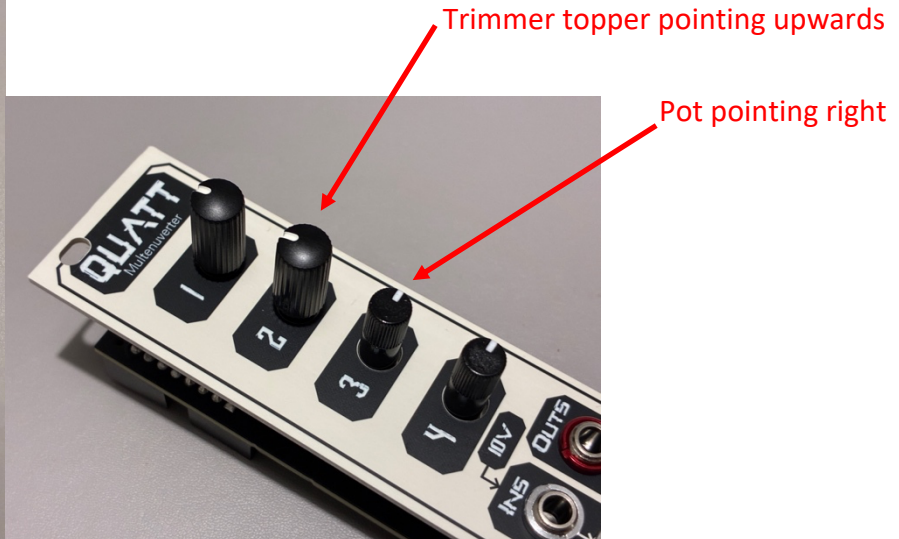
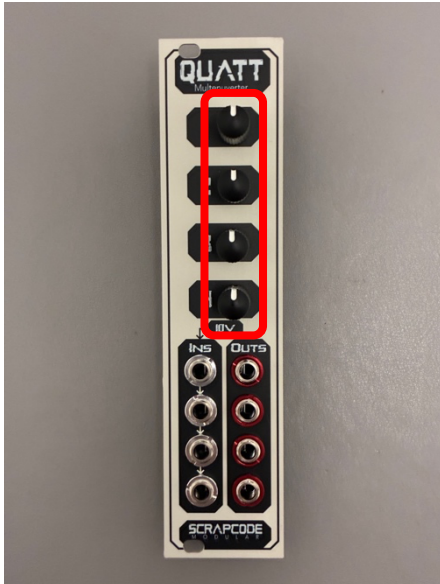
Check each pot is correctly lined up with the faceplate and twists easily in its hole. Wiggle any which do not until they are in a better position. Solder them (VR1-4) in place.





7 – TRIMMER TOPPERS

Gently install the trimmer topers onto the pots, ensuring that the markings are positioned 90° anticlockwise to those on the pots. To achieve this, twist the pots so they are pointing to the right, and then install the trimmer topers pointing upwards.



CONGRATULATIONS
YOUR QUATT IS NOW READY TO GO

Before switching it on, please make sure that it is securely installed in your rack, and that it has been properly connected to a suitable Eurorack power supply.