

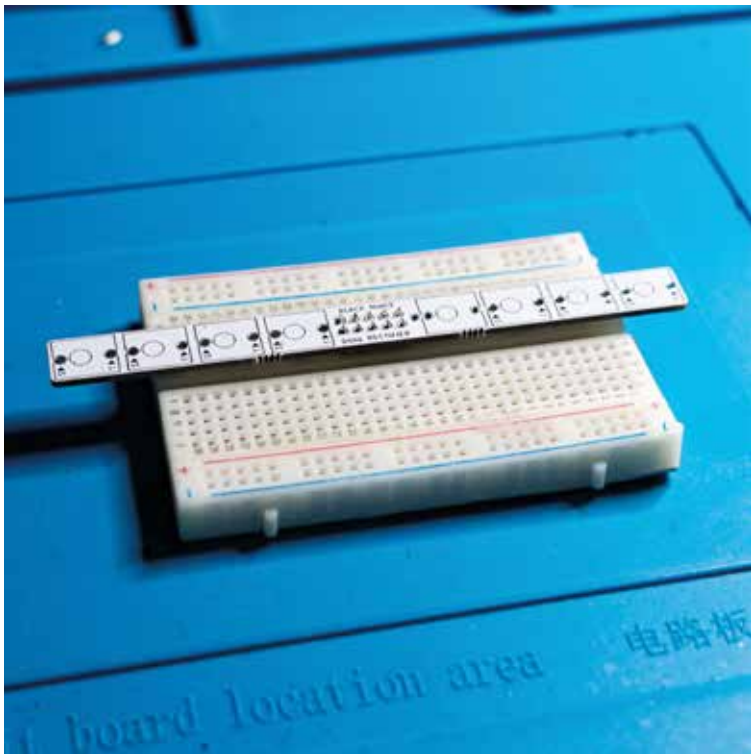


BLACK NOISE DUAL RECTIFIER

ASSEMBLY INSTRUCTIONS

V1.1

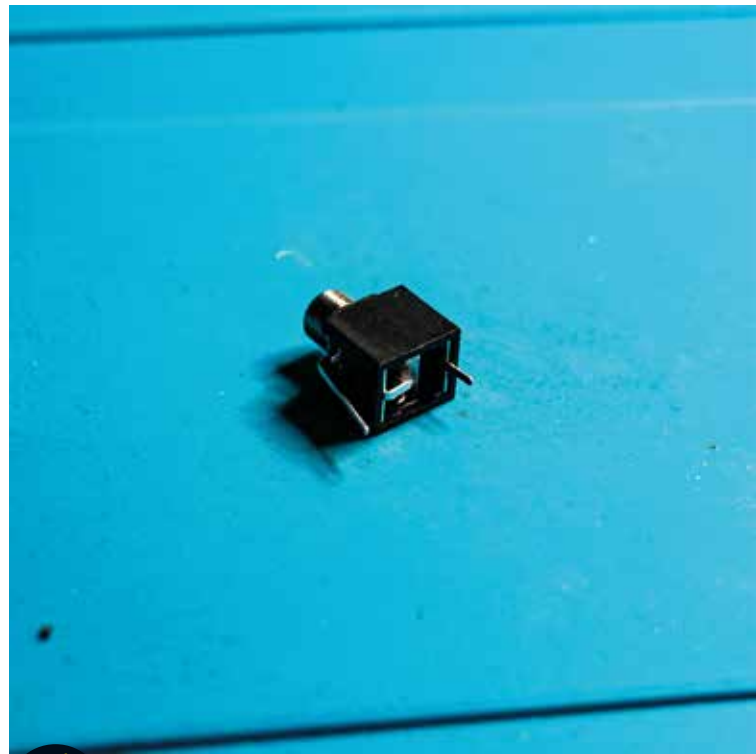
1 POWER CONNECTOR



*Use a breadboard to hold power connector while soldering it.
Make shure to install the connector on the right side of the PCB (see picture to reference)*

Make shure to solder the power connector in the right orientation, short sides of the pins need to be solder, long side will be use to connector to power ribbon cable

2 JACK CONNECTORS



the middle leg of jack connector it's call « switched » it's handy to normalize input. In the case of Dual Rectifier only input 2 is normalised to the inverted output of top section.



Do not cut legs simply bend them, if it not well cut it will be hard to have a flush connector and PCB.

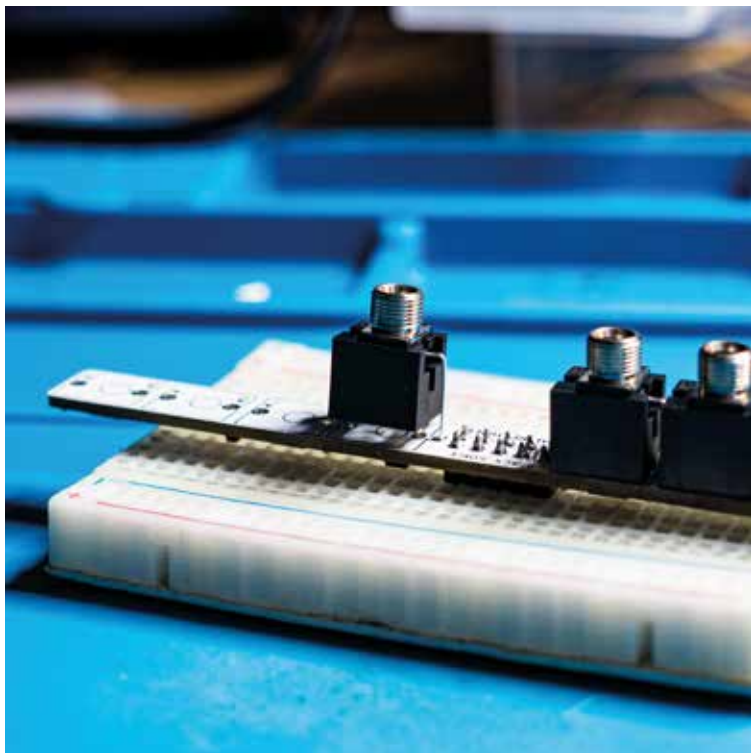
Bend the middle legs of 7 jacks, the 8th jack will need is « switched » legs.

3 PLACING JACK CONNECTORS #1



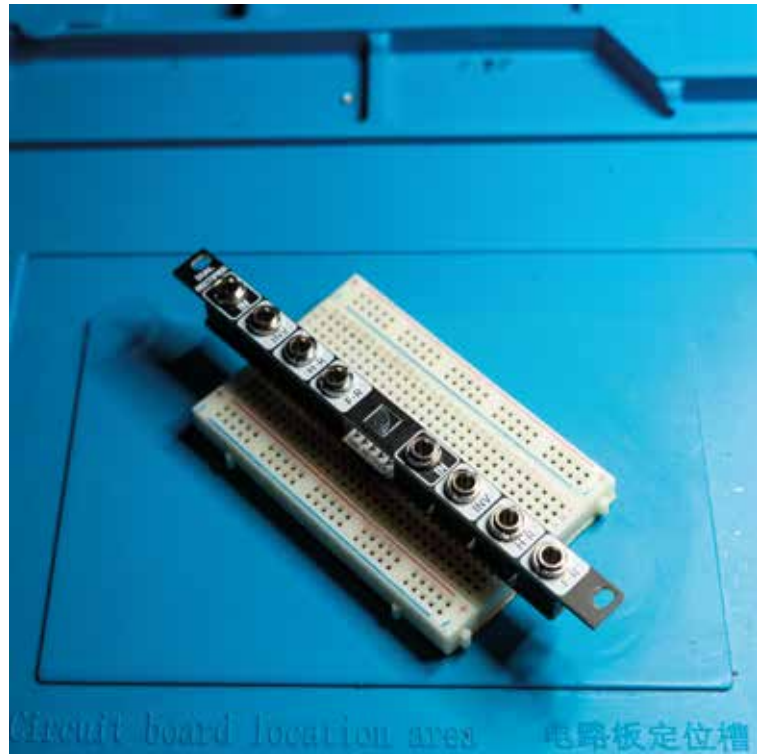
Install jacks connectors starting from the top of the PCB to the bottom (*use letters on silkscreen for reference*). Jacks need to be installed like on the picture, sleeve leg on top and tip sleeve on bottom of mark. Switched leg should be bend and not cause any trouble if you missed this part please read *section 3*.

4 PLACING JACK CONNECTORS #2



Input of bottom section (*the 5th jack starting on top of the module*) need to be install like on the picture. Make shure that switched leg is not bend or input 2 will not be normalised to inverted output of top section.

5 FACEPLATE



Place the faceplate and tight jacks nuts.

6 JACK CONNECTOR & SOLDER #1



Return the module and make shure that each pins of each jack is place correctly. Look at each holes it should be a jack connector legs coming thru. If it missing one make shure to re-place correctly the connector before soldering .

7 JACK CONNECTOR & SOLDER #2



When soldering apply a slight pressure into the pcb to make sure that the connector is flush to the PCB.

Once you've check each connector and you sure they are correctly place, solder each of them to the PCB.

8 SAFETY TEST

Before plugging it to you rack check the continuity with a multimeter.

9 DEBUG TEST

If there no short-circuit connect you module to your rack power it and check each input and output.

10 TROUBLESHOOTING

If you have issues with you module please contact us at blacknoisemodular@gmail.com

YOU CAN ALSO FIND BOM, MANUAL AND MORE DOCUMENTS USING THE FOLLOWING LINK AND OR FLASHING THE QR CODE.

https://drive.google.com/drive/folders/18KwJj0o_5ZlUhXa1UIC6adeRYW0VEiiw?usp=sharing

