



**D R II**

**BUILD INSTRUCTIONS**



## Introduction

Thank you for purchasing Dual Rectifier II Kit.

Dual Rectifier II as the name suggests is our upgrade to our Dual Rectifier. We listened to you and we improved our Dual Rectifier while keeping what made it successful.

## Contents of kit

Sourced

- ☐ 1- DRII PCB (SMD presoldered) **x1**
- ☐ 2- DRII Faceplate **x1**
- ☐ 3- Jack socket 3.5 mono **x8**
- ☐ 4- Power ribbon cable **x1** optional

## Warranty

BLACK NOISE warrants the contents of this kit to be free of defects in materials or workmanship and to be conform with the specifications at the time of shipment for a period of two years from the date of purchase.

We do not warrant, and we do not repair or take in modules to troubleshoot end-user DIY build faults or second hand DIY products.

BLACK NOISE cannot be held responsible for any damage caused by one of our DIY kits and resulting from an end-user DIY build faults.

If you encounter problems in the assembly you can contact us at:  
[contact@blacknoisemodular.com](mailto:contact@blacknoisemodular.com)



## 01 Prepare the jack socket

Due to the limited space on the PCB, two of the jack connectors must be modified. Take two of the jack connectors provided in the kit and bend the middle tab as shown in the pictures. When bended the tab should be flush with the connector body.

### Warning

Don't cut the tab! If you cut the tab, it could scratch the PCB and cause issues.







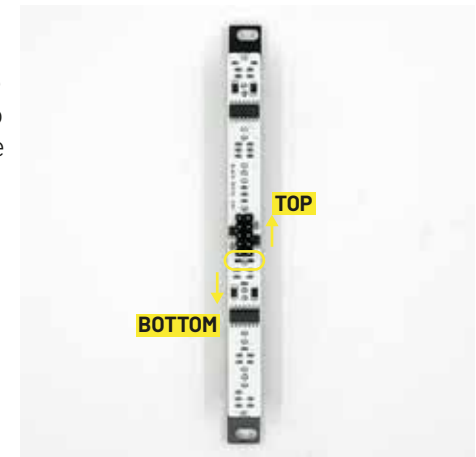
## 02 Place the jack connectors

Place the jack connectors on the PCB. Make sure to place the connector modified during the previous step at location **A** and **B** as shown in the picture.



## 03 Place the faceplate

Place the faceplate. To make sure of the orientation with the PCB, look at the power connector. The black line below the connector indicates not only -12V but also the bottom of the PCB. Once the faceplate placed screw the nuts on the jack connectors.





#### 04 Solder the jack connectors

turn the PCB over and solder the jack connectors. Make sure the connectors are flush against the PCB before soldering them.

Once all the components are soldered, check the PCB to avoid any unsoldered pads, solder-bridges etc.



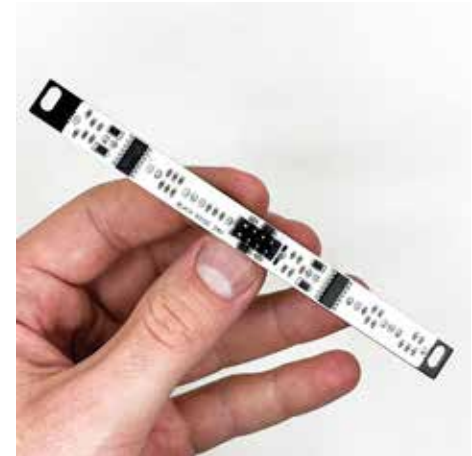
#### 05 Check your module

Set your multimeter to "continuity", connect one of the probe to one the the ground pin. Test +12V and -12V pins with the other probe. your multimeter should not ring, if it rings there is a short.



#### 06 Clean your module

Clean the PCB of flux and solder residue using Isopropyl alcohol.



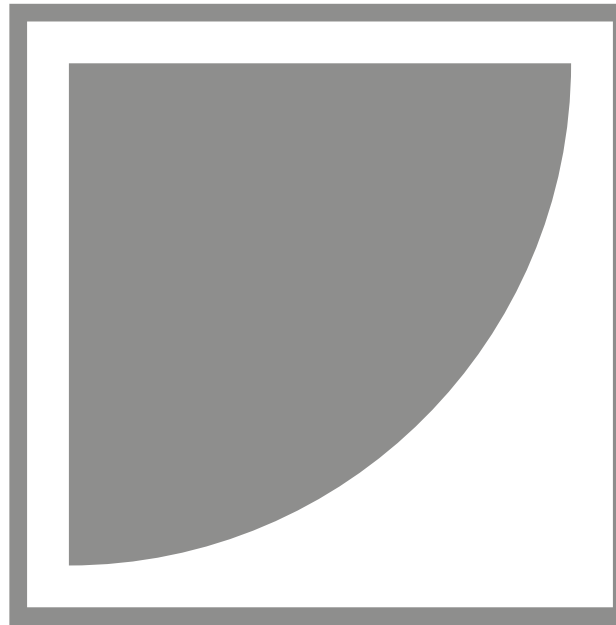
#### 07 Test your DR II

For more information on connecting to your rack and the possibilities of your DR II consult the user manual accessible by scanning the QR code.



Scan the QR code to access the user manual





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