

## BILL OF MATERIALS

✓ Check to make sure you have everything before you start!

DIODES

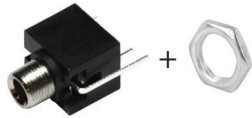
1N34A x8



D1-D8

JACKS

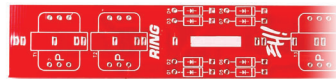
3.5mm Switched x6



J1-J6

PCBs / PANELS

Main PCB x1



PCB1

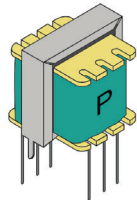
Panel PCB x1



PCB2

TRANSFORMERS

42TL218 x4



T1-T4

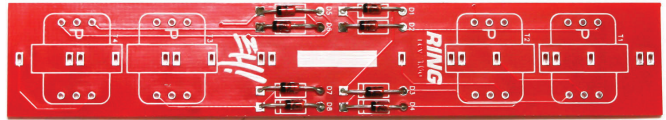
## BUILD INSTRUCTIONS

Polarity doesn't matter Polarity DOES matter

### 1- Install Diodes

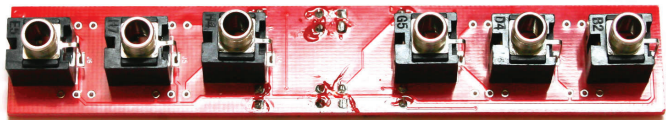
Bend the leads of the diodes 90 degrees so that they'll fit in the holes, then insert them into the board. Make sure the stripes on the diodes line up with the stripes on the PCB.

Solder the leads, then cut off the excess length with wire cutters.



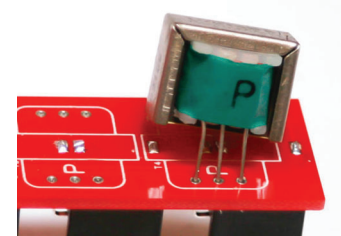
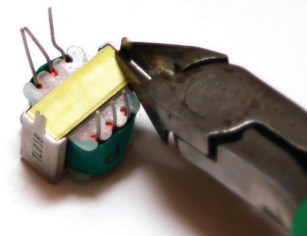
### 2- Install Jacks

Insert and solder the jacks. Trim the leads.

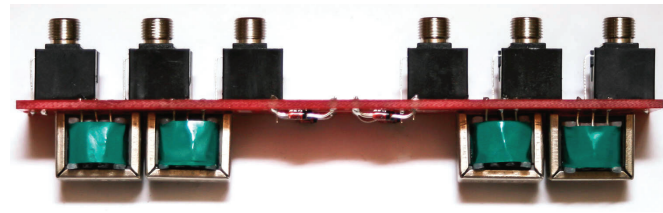


### 3- Prep and Install Transformers

Cut the mounting pins off of the transformers as shown.



Insert the transformers into the PCB, ensuring that the "P" side of the transformer lines up with the "P" on the silkscreen pattern. Solder the transformer with it elevated a little bit above the board so that the bottom doesn't touch the jack pins. Trim the transformer pins.



### 4- Install Front Panel

Place the front panel PCB over the jack bushings (make sure it's right-side up by looking at the RING logo on both boards). Thread nuts onto the bushings and tighten them down so that they hold the front panel on the module.



More information can be found at [eurorackhardware.com](http://eurorackhardware.com)