

BILL OF MATERIALS

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

DIODES

1N914 x4



D1-D4

JACKS

3.5mm Switched x6



J1-J6

PCBs / PANELS

Main PCB x1



PCB1

Panel PCB x1



PCB2

RESISTORS

1M 1/8-Watt x2



R1-R2

SWITCHES

Sub-Mini DPDT On-On-On x2



S1-S2

BUILD INSTRUCTIONS

Polarity doesn't matter Polarity DOES matter

1- Install Diodes

To make assembly easier, we're going to install components from shortest to tallest. This way when you flip the board over to solder them, your work surface will hold them in place. Let's start with the 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 Resistors

Insert the resistors, solder them, then trim the leads just like you did with the diodes. Polarity doesn't matter for resistors, but we recommend you line all the bands up the same way.

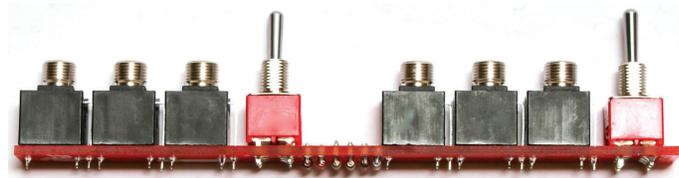


3- Install Jacks

Insert and solder the jacks. Since this is a 2HP module, make sure they are installed straight so that the corners of the jacks don't stick out past the edge of the module. You don't need to trim the leads.

4- Insert Switches

Insert the switches into the PCB. Getting the height right on these switches is a little tricky, so don't solder them yet.



5- Install Front Panel

Place the front panel PCB over the jack and switch bushings (make sure it's right-side up!) Thread nuts onto the bushings and tighten them down so that they hold the front panel on the module. Now that the switches are being held at the proper height, solder them into place.



More information can be found at eurorackhardware.com