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B A S T L INSTRUMENTS

MULTIPLE - Assembly Guide

bastl-instruments.com

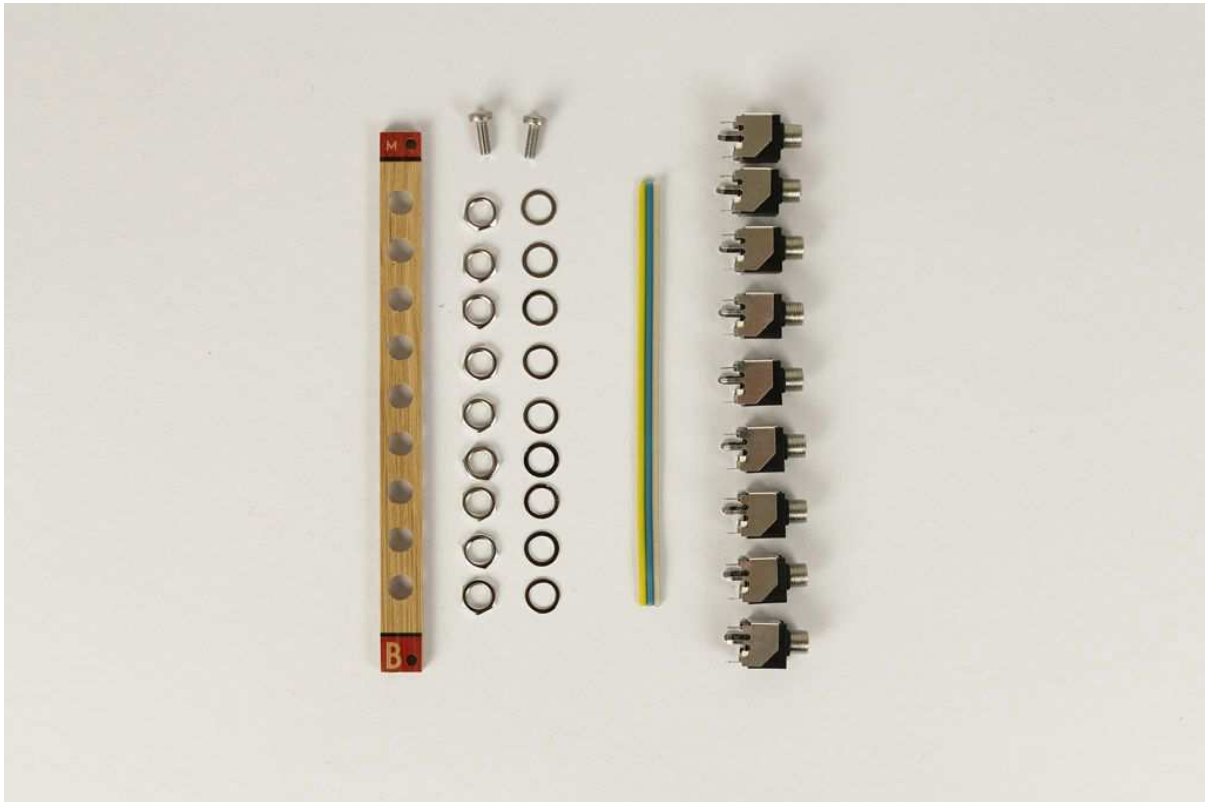


INTRODUCTION

This guide is for Multiple from Bastl Instruments. This is a beginner level kit. If you have never soldered before, check out this [tutorial first](http://www.instructables.com/id/How-to-solder/)¹. We even included some of the best quality solder to help you solder everything faster and better.

¹ <http://www.instructables.com/id/How-to-solder/>

The Multiple consists of only few components. See Bill of Materials ([BOM](#)) for detailed list.



Before starting this kit, prepare the following tools :

- Soldering iron (15-20W)
- Flush cutters
- Phillips screwdriver (cross)
- Wrench No. 8
- Protective eyewear

We suggest that you work in a clean and a well lit and ventilated environment to avoid accidents or losing any of the small components.

SOLDERING AND ASSEMBLY

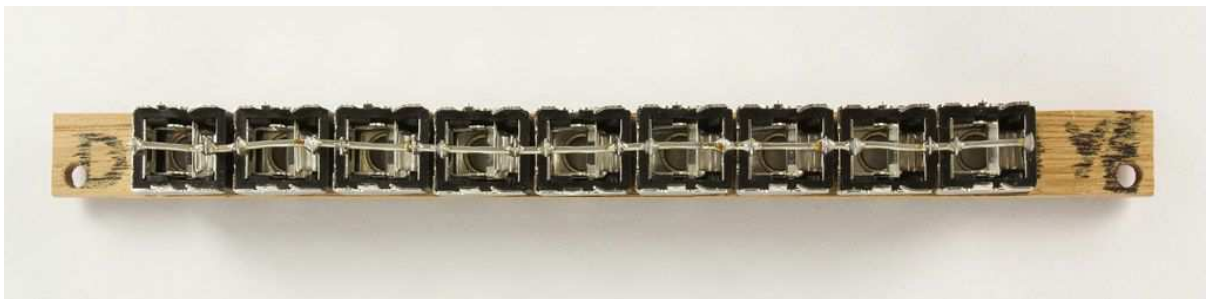
Place all nine **jack connectors** into front panel (**watch out for the orientation!**) and secure them with **nuts and washers**.



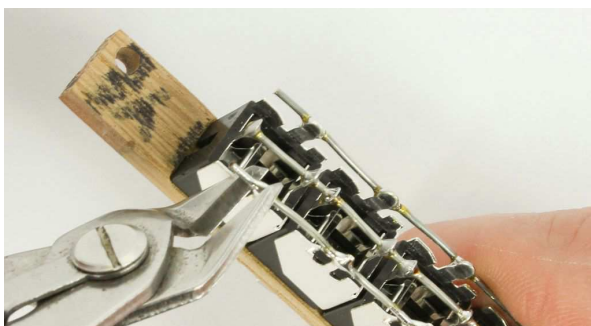


Tighten the jack nuts (you do not have to tighten them too much as you may damage the wooden panel).

Prepare the **wires**. Put the isolation off. If they are bent, straighten them. Push one of the wires through the **openings in the middle of jack legs** and solder it.

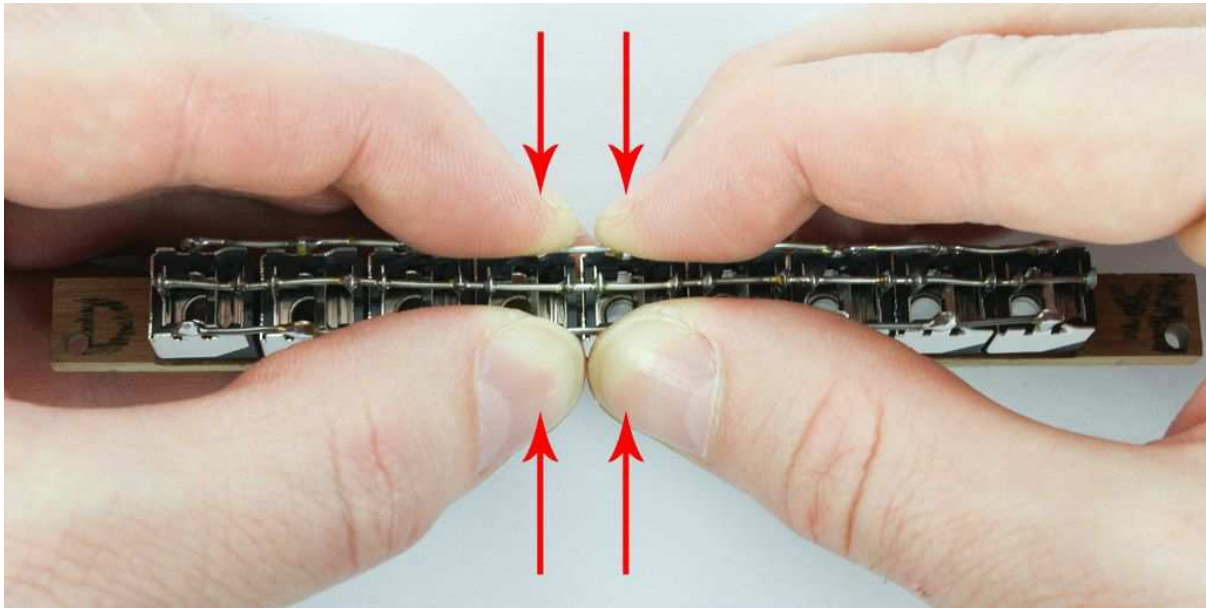


Solder the other **wires** with **side legs on jacks**. You might start with just one leg soldered. Wait for it to cool and do the rest.



Cut off the overhanging wire.

Bend the legs slightly inwards to fit the module into your system.



Congratulations! You have made it through. At this moment you can choose by cutting the wire how do you want to split the signal (see the [manual](#)). Then you can add the Multiple to your system. There is no power connection needed since the multiple is a passive module.

