Listen Up

Kit Builder's Guide

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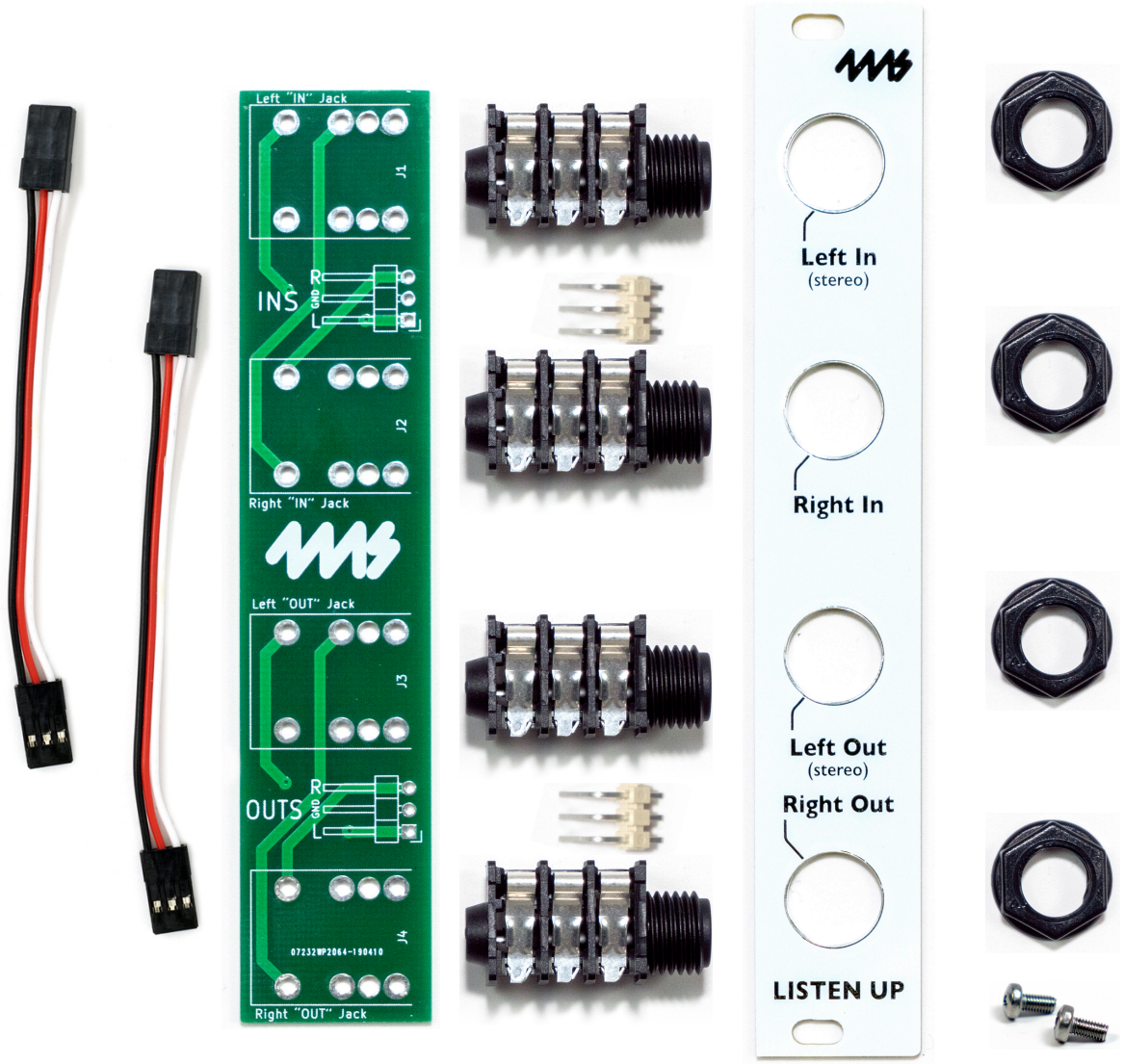
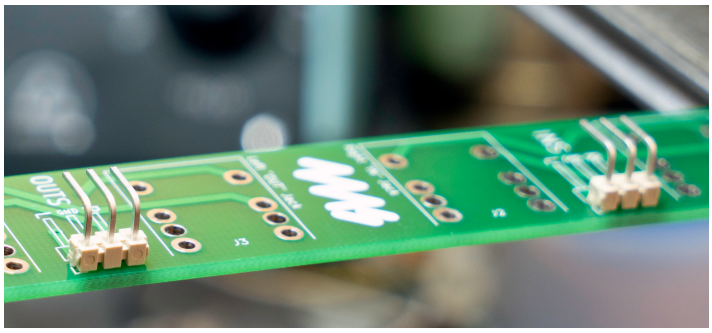


This guide is for building the **Listen Up** kit**,** a passive expander for the Listen modules that provides stereo 1/4" (6.35mm) jack inputs and outputs. The **Listen Up** includes four 1/4" jacks arranged in left/right pairs. The Left jack of each pair can be used as a TRS stereo jack if the Right jack is unpatched. The **Listen Up** connects to one or two Listen modules with the included 3-pin cables.

Tools Needed:

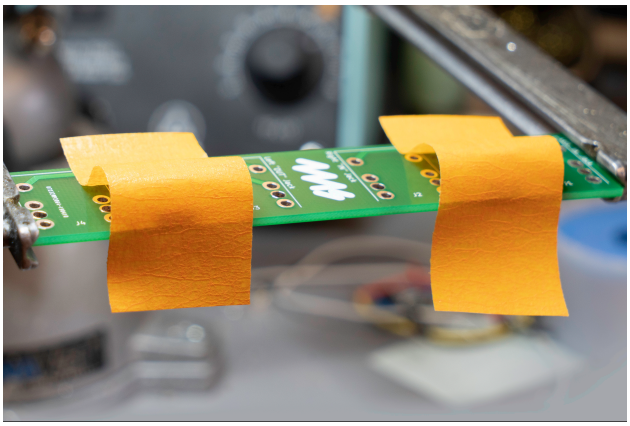
- Soldering iron and solder
- Masking tape
- Needle-nose pliers (optional)
- Socket wrench, 15mm (optional)

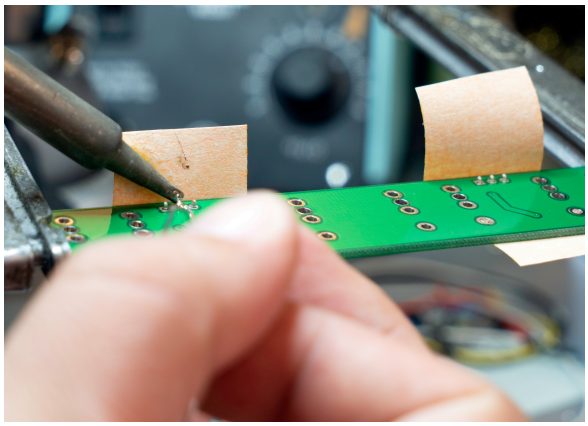
Step 1: Headers



Install the two right angle headers into the PCB as shown on the picture to the right. The headers should be placed on the side of the PCB that says “OUTS” and “INS”. Make sure the pins point towards the words “OUTS” and “INS”.

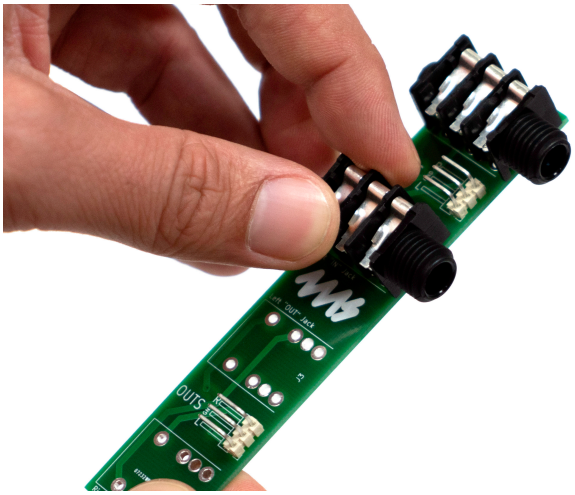
Use tape to hold the headers onto the PCB and then flip the PCB over. **Solder the middle pins only** (see lower right photo). Turn the PCB back over and make sure the headers are flush with the board. If not, reheat the center pins and adjust. You can use your fingers to adjust if you’re careful not to touch the hot pin, or you can use needle-nose pliers to be safer. Once the headers are in correctly, solder the remaining pins.

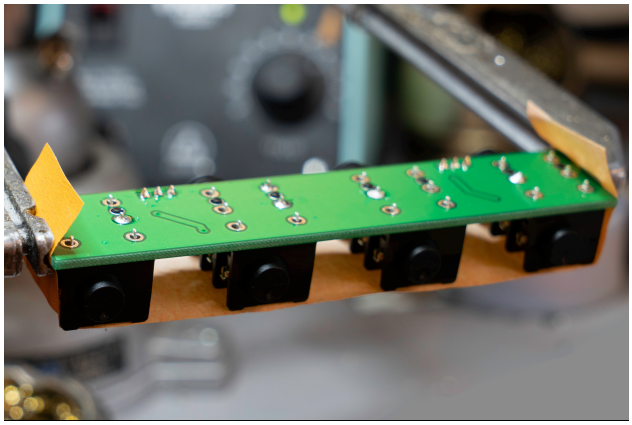




Step 2: Jacks

Install the four 1/4” (6.35mm) jacks onto the PCB (see pictures below). Make sure the open end nose of the jacks points in the *opposite* direction as the headers (see left picture below). Once placed, either flip the PCB over onto a flat surface or use tape as we did in the previous step to hold the jacks in place. Again, **solder the middle pins only**. Once the middle pins are soldered, check that the jacks are flush with the PCB. If so, go ahead and solder the remaining pins. If not, heat the middle pin and adjust the jacks.



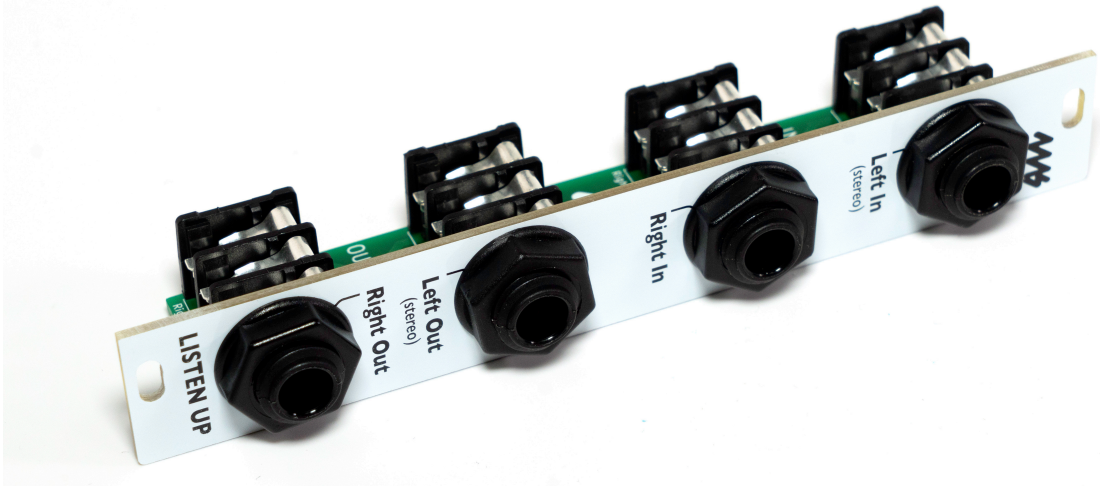


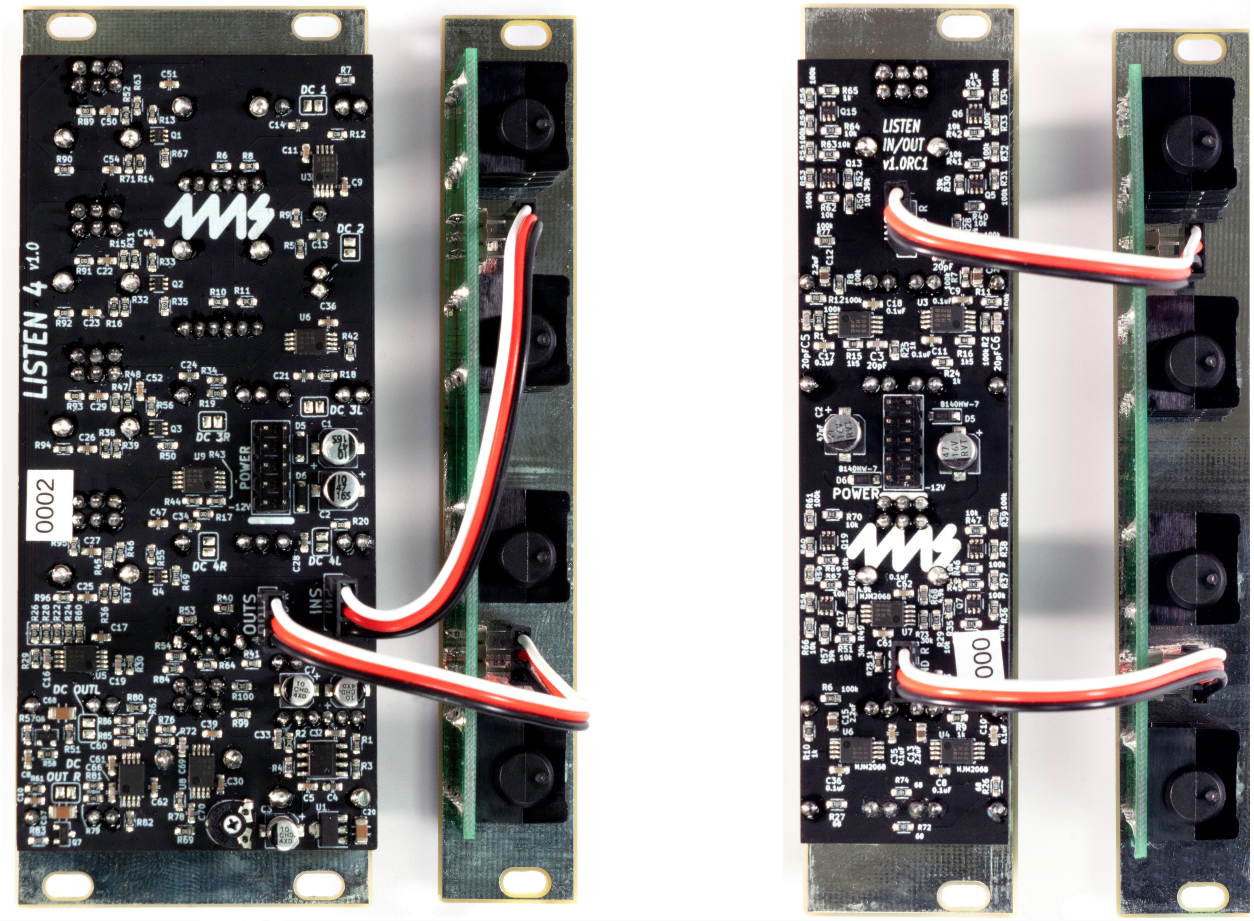
Step 3: Install Panel

Place the panel over the jacks and install the four plastic nuts. Finger tighten these and then gently use a wrench or a socket driver.

Step 4: Finish

That's it, you've completed the **Listen Up**! This module requires no power. Use the included 3-pin cables to connect to your **Listen IO**, **Listen Four**, or **WAV Recorder** modules (see Listen Up User Manual). Enjoy!




LISTEN 4 v1.0
0002
LISTEN IN/OUT v1.ORC1
000

Left In (stereo)
Right In
Left Out (stereo)
Right Out
LISTEN UP
Pan 1
Level 1
Pan 2
Level 2
Level 3
Level 4
Mod.
Line
Left
Right
LISTEN FOUR
Left In (stereo)
Right In
Left Out (stereo)
Right Out
LISTEN UP
Gain
x30
L
R
Line In
Mod Out
Level
Mod In
Line Out
LISTEN IO
Left In (stereo)
Right In
Left Out (stereo)
Right Out
LISTEN UP
Record
Playback
Record
Clip
0dB
Input Gain
IN
Left
Right
OUT
WAV RECORDER