



ADDAC200BNC PROBE OUTPUTS
ASSEMBLY GUIDE

Revision.01 March.2025

ADDAC System

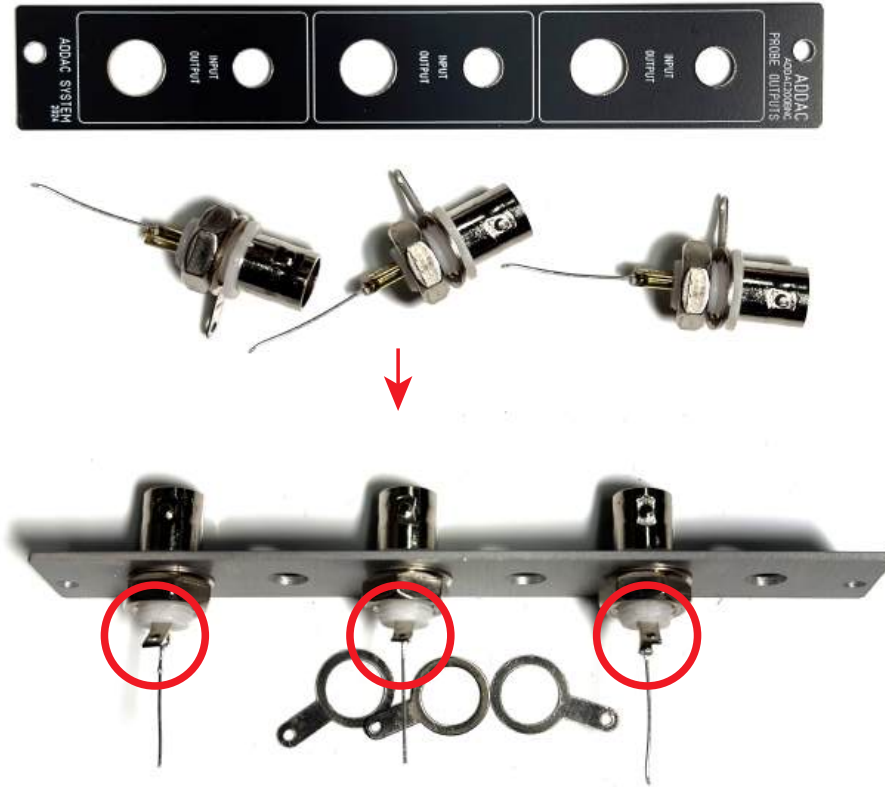
ADDAC200BNC Assembly Guide

March.2025



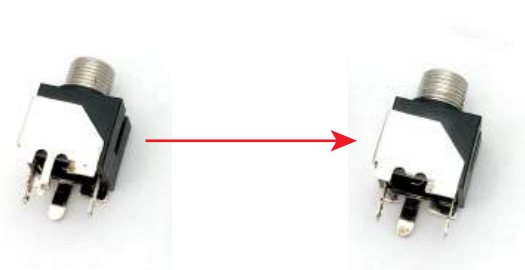
STEP 1:

Grab the pcb and place the BNC connectors, discard the round washers with the flange. Notice the orientation of the BNC, align all side flanges to the right of the panel.

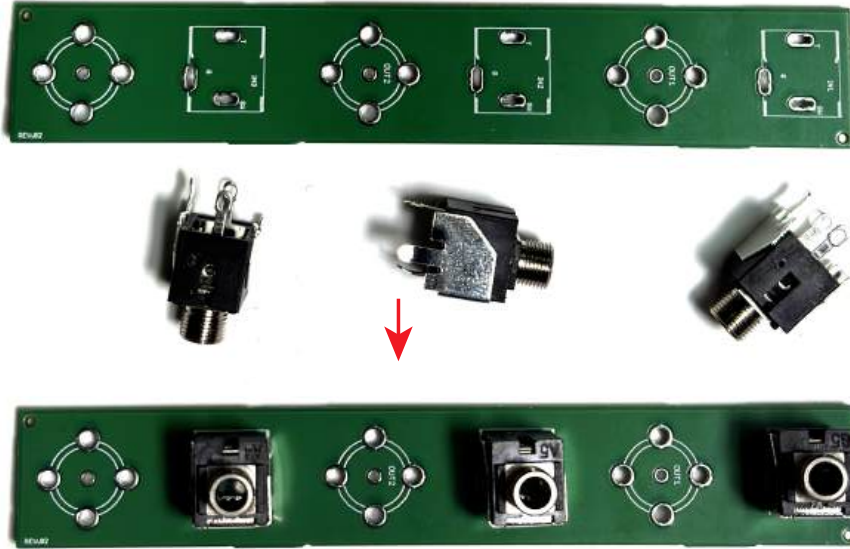


STEP 2:

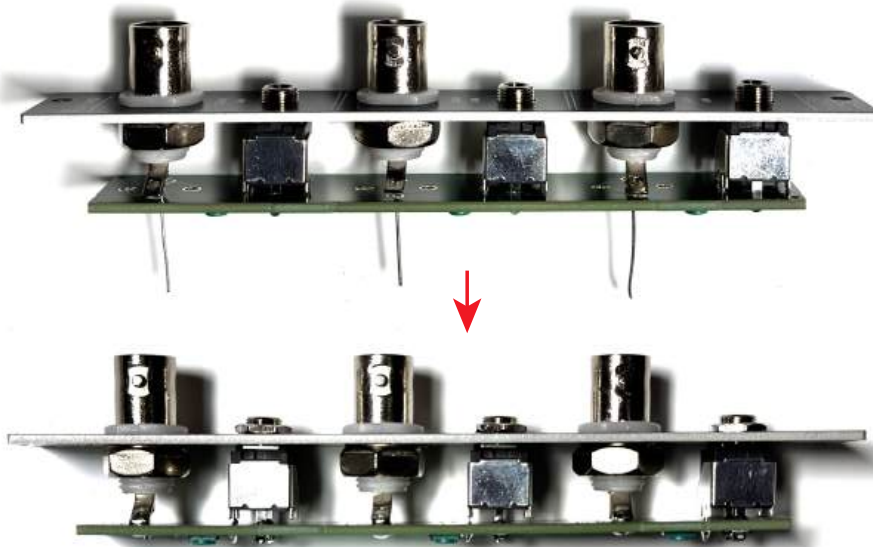
Locate the jacks and cut the thinnest leg like shown below.



STEP 3:
Place the jacks on the front pcb do not solder them just yet.

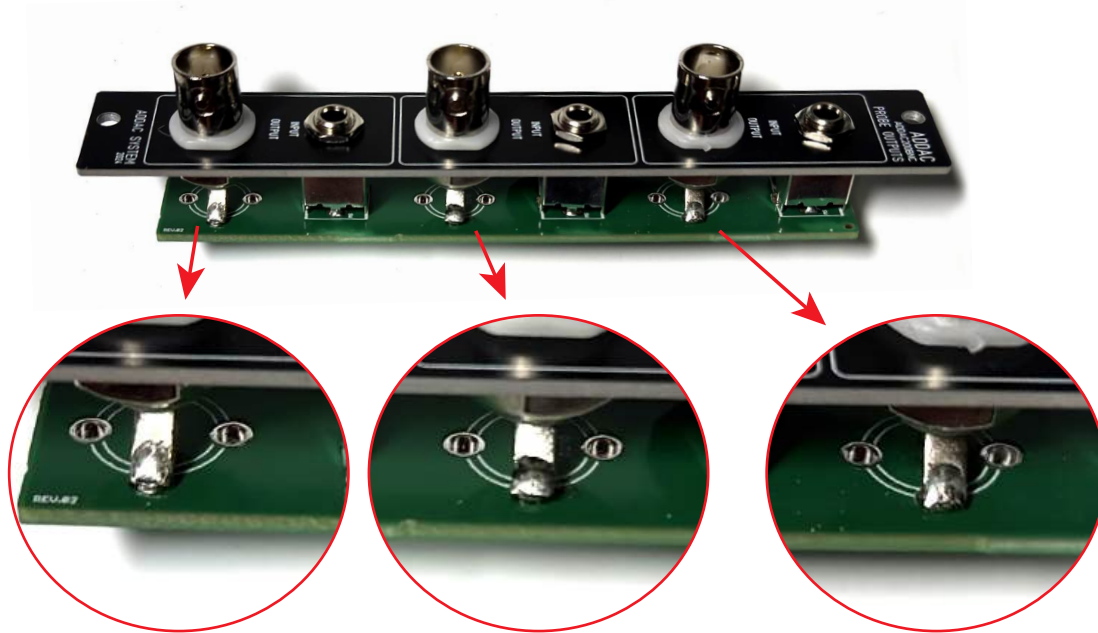


STEP 4:
Attach the frontpanel to the pcb, and tighten all the jack nuts, then proceed by soldering their legs and trimming the excess wire.



STEP 5:

Finish it by soldering the BNC side flange to the pcb hole below.
From underneath fill the hole with solder then from the top add solder to the BNC flange and make sure the top solder flowed into the hole underneath making a good connection.

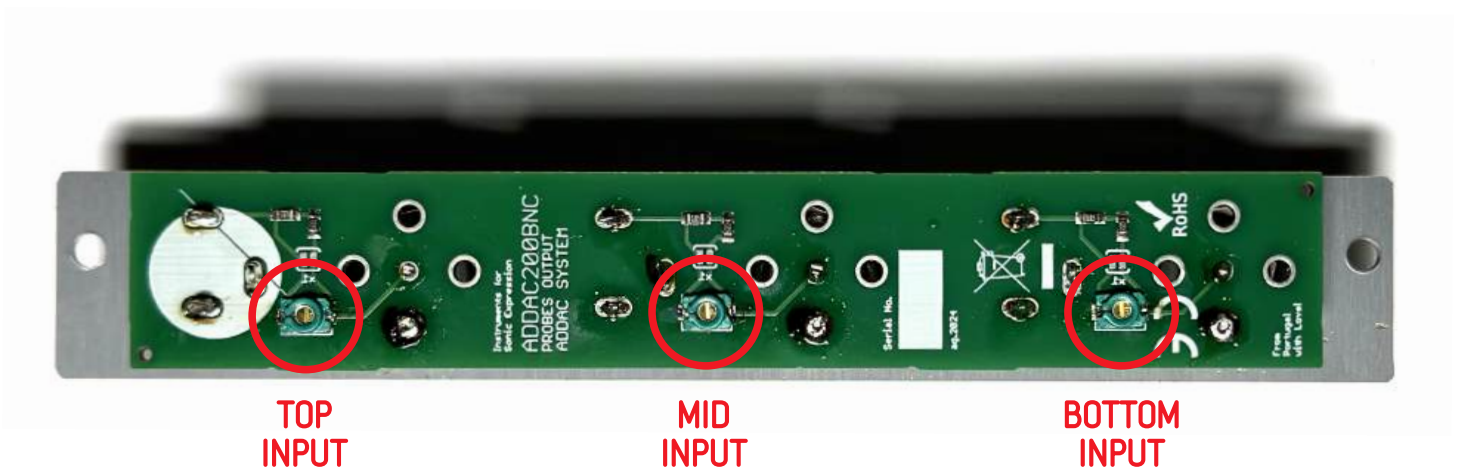


STEP 6:

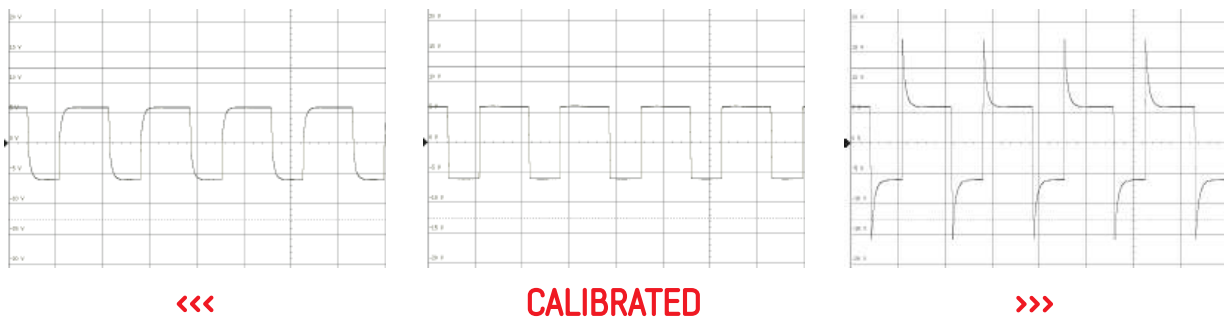
Proceed to the calibration on the next page.

CALIBRATION:

For each input, insert a square oscillator at about 500Hz to the input and the BNC output to your oscilloscope. Then, using a tiny flat screwdriver, adjust the trimming capacitors to have a flat square transition.



Here's how it will look on the oscilloscope, adjust to be as close as possible to a perfect square.



You're all done!

Happy Patching!



For feedback, comments or problems please contact us at:
addac@addacsystem.com

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