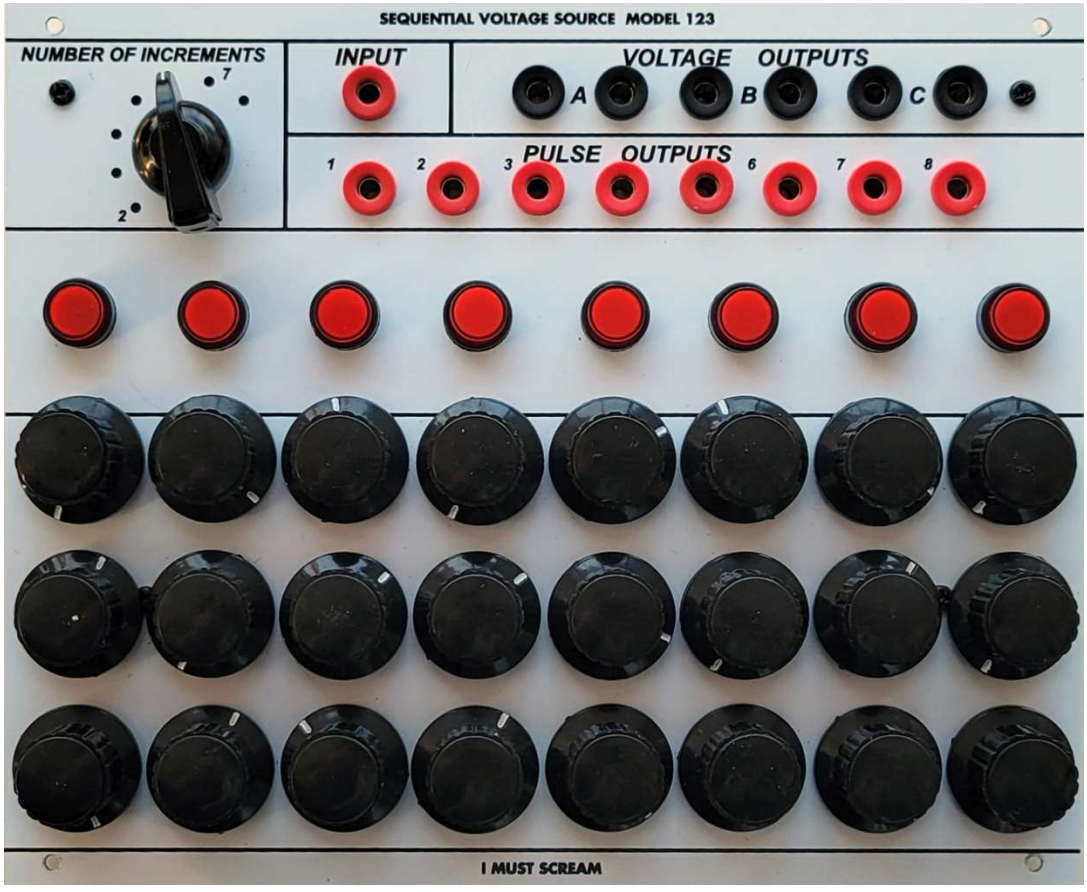
I MUST SCREAM

SEQUENTIAL VOLTAGE SOURCE MODEL 123

ASSEMBLY GUIDE (SMD VERSION)

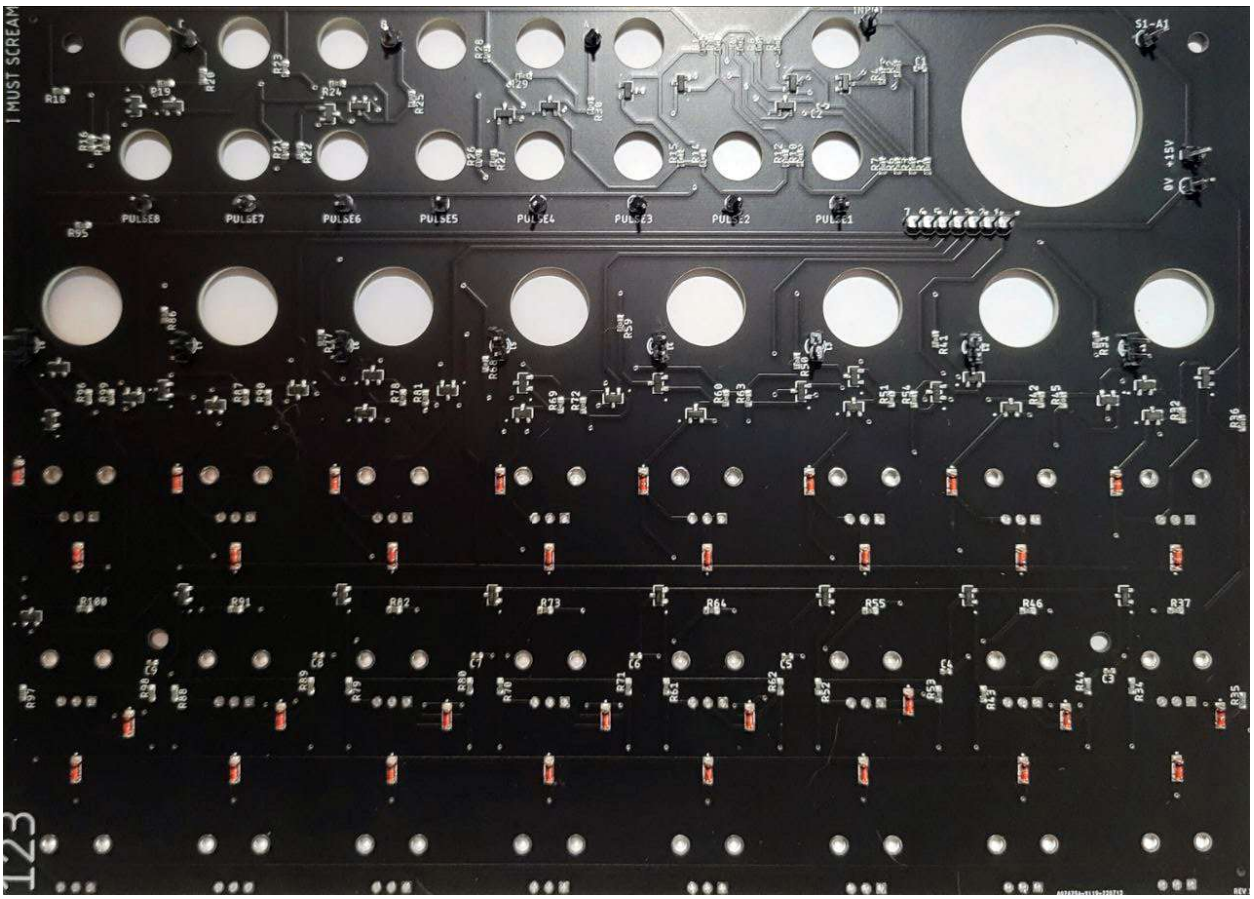
imustscream.cc



The kit consists of PCB, Panel, bags of components (Potentiometers, Banana Jacks, Standoffs, Wire, Pins, Switch, Lamps) and knobs.

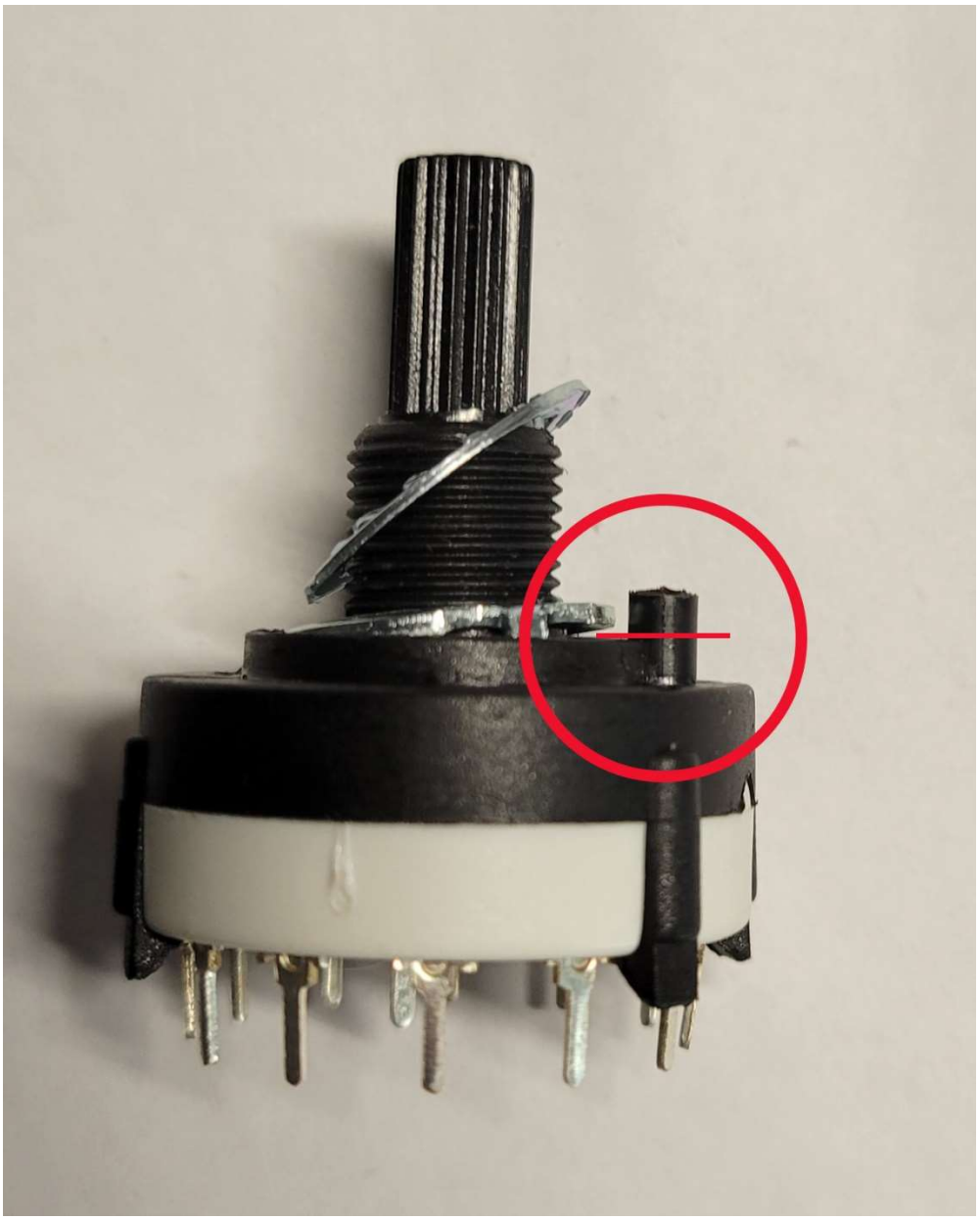
Step 1

Solder all the pins. This step is *(optional).* Otherwise, you can solder wires directly. However, I strongly recommend using pins.



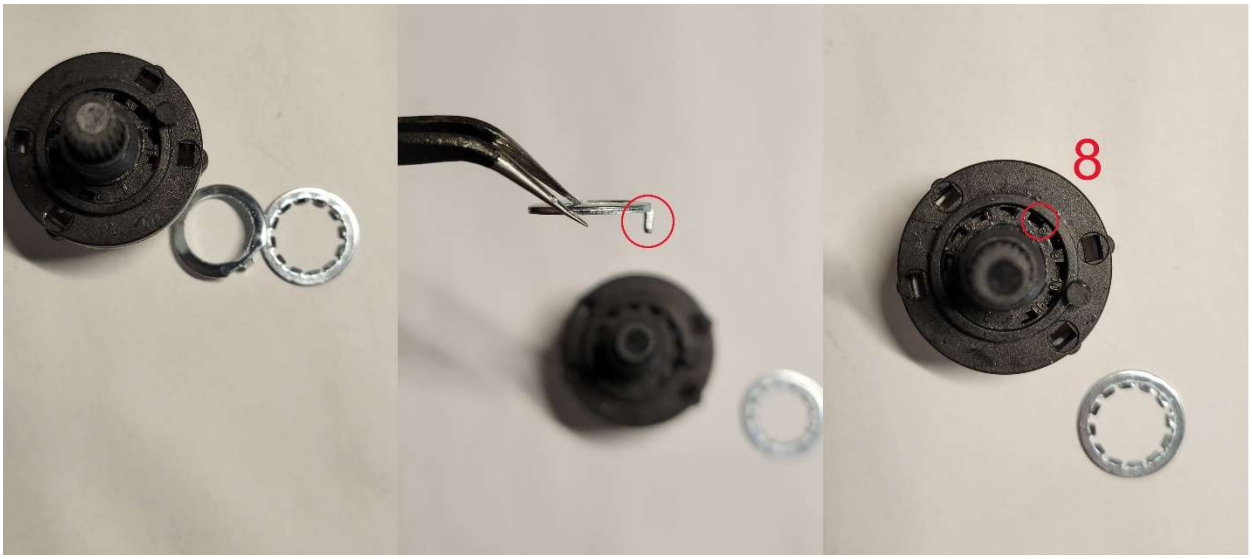
Step 2

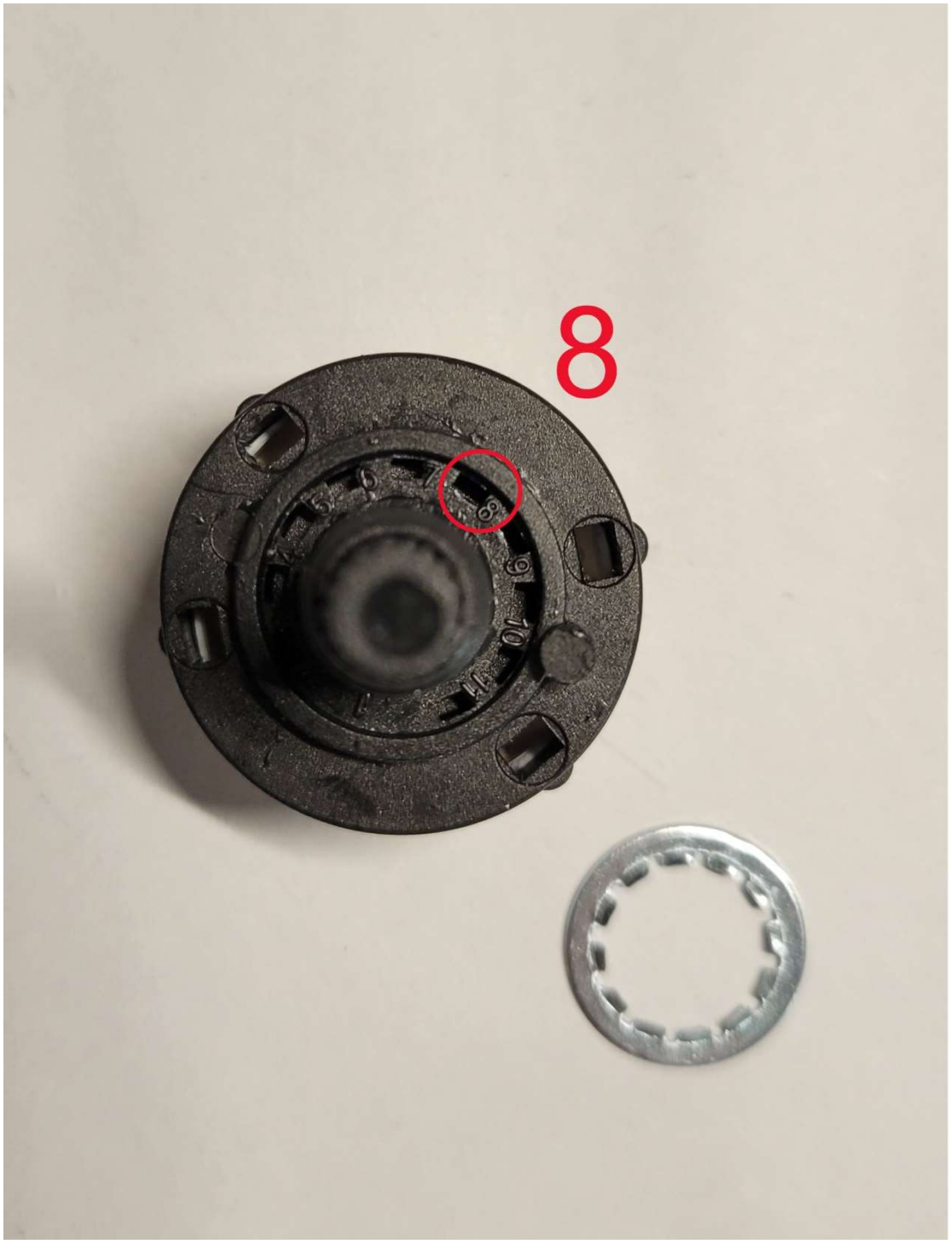
Prepare the switch. Cut the plastic part from the switch first.



After, make sure to put the washer as displayed on the photo below.

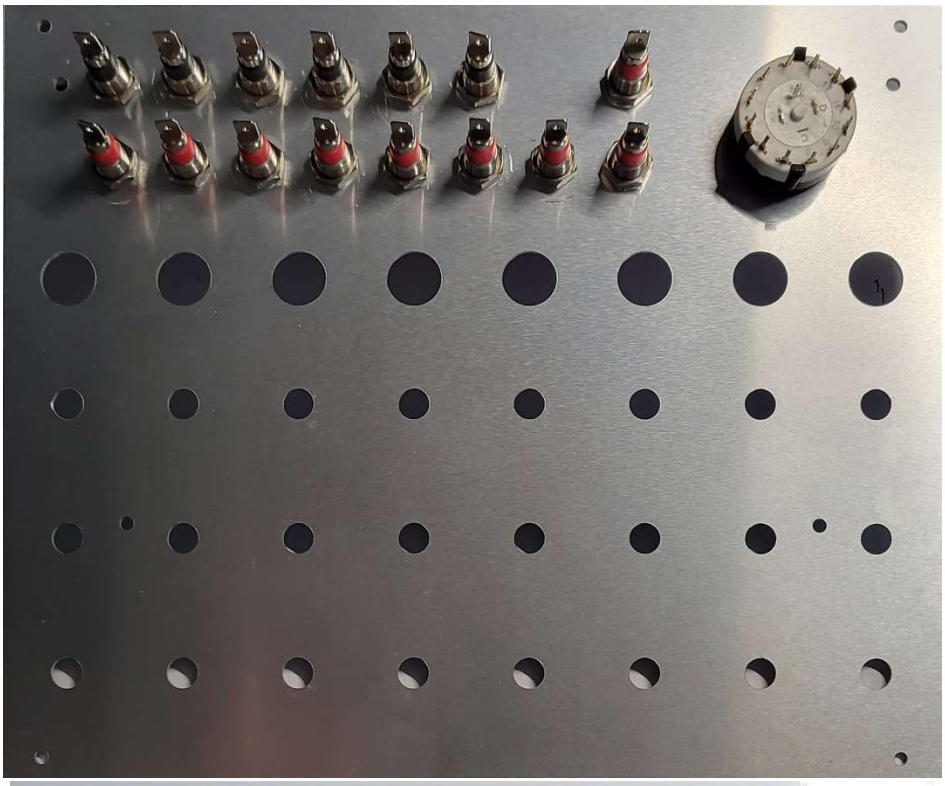
It will limit the switch rotation positions to the amount we need.

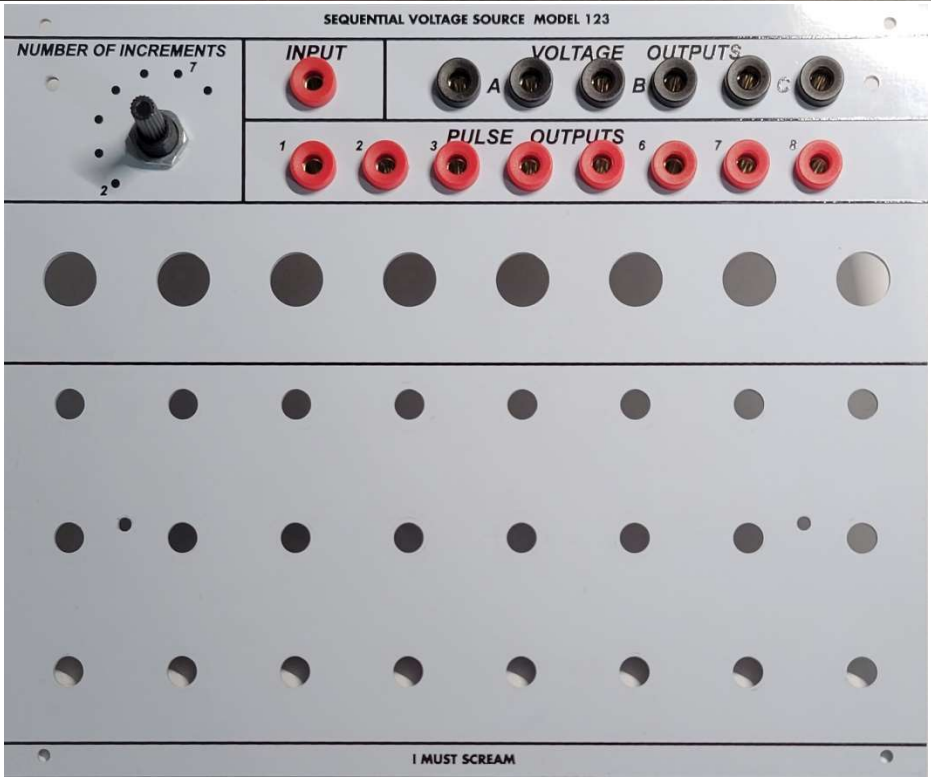



8

Step 3

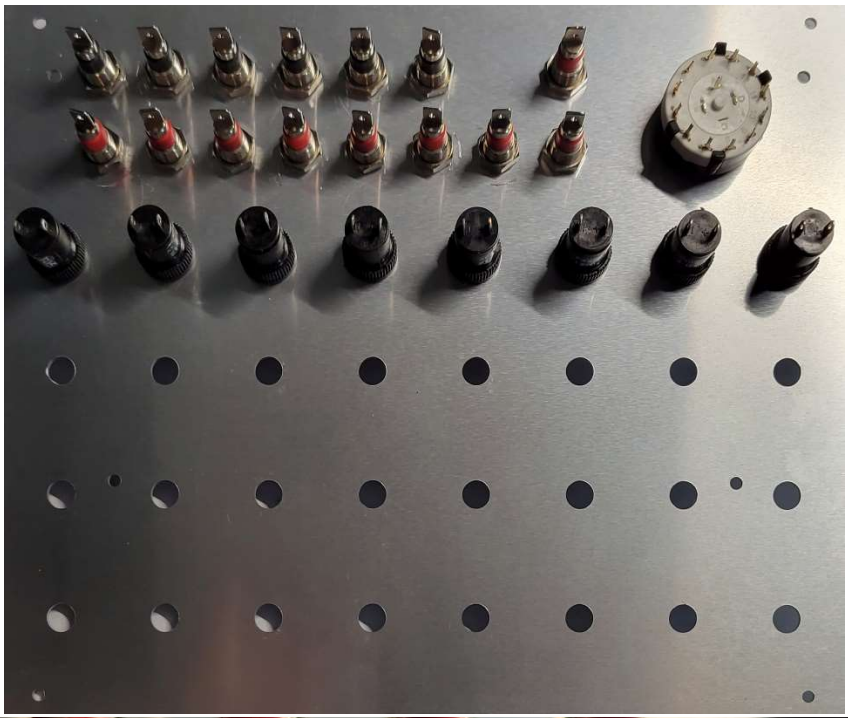
Secure the switch and banana jacks on the front panel.

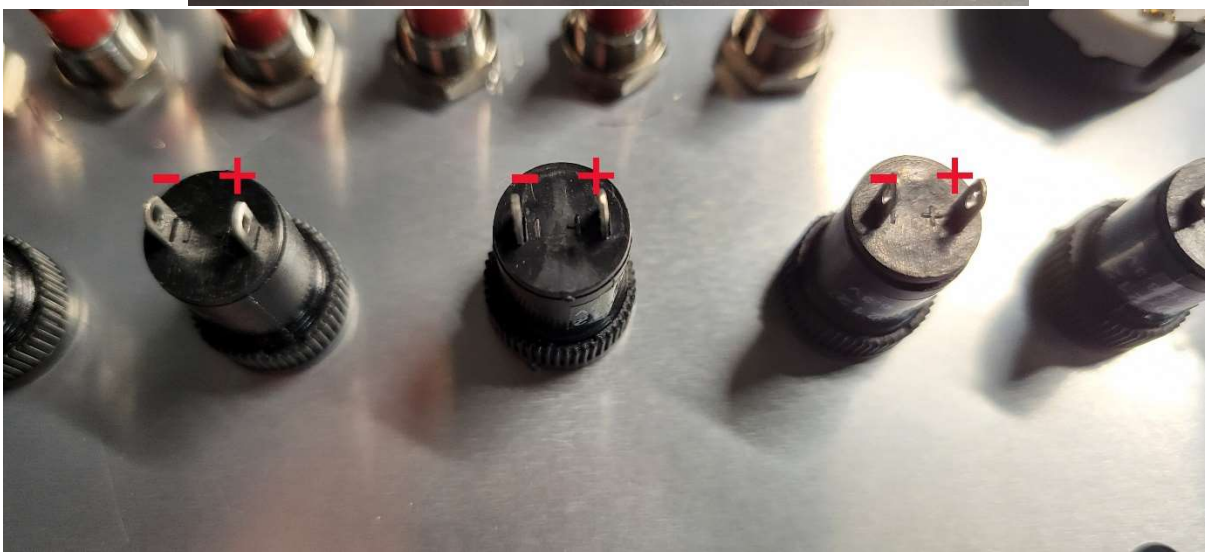


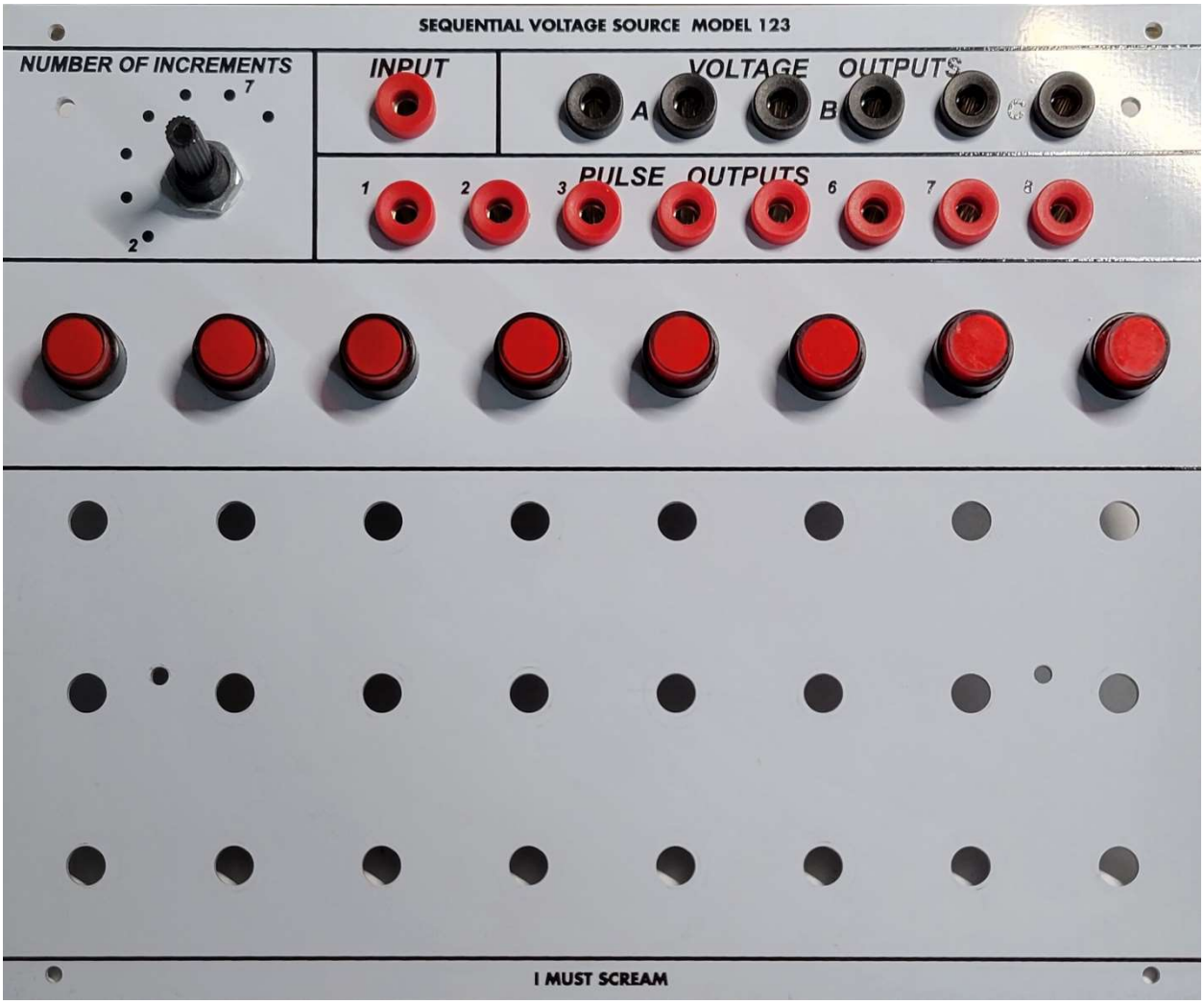


Step 4

Secure the LEDs on the front panel. I recommend you to position them the same as on the photo. It will make it easier to wire it if you follow these instructions. Pay attention to the – and + markings on LEDs.



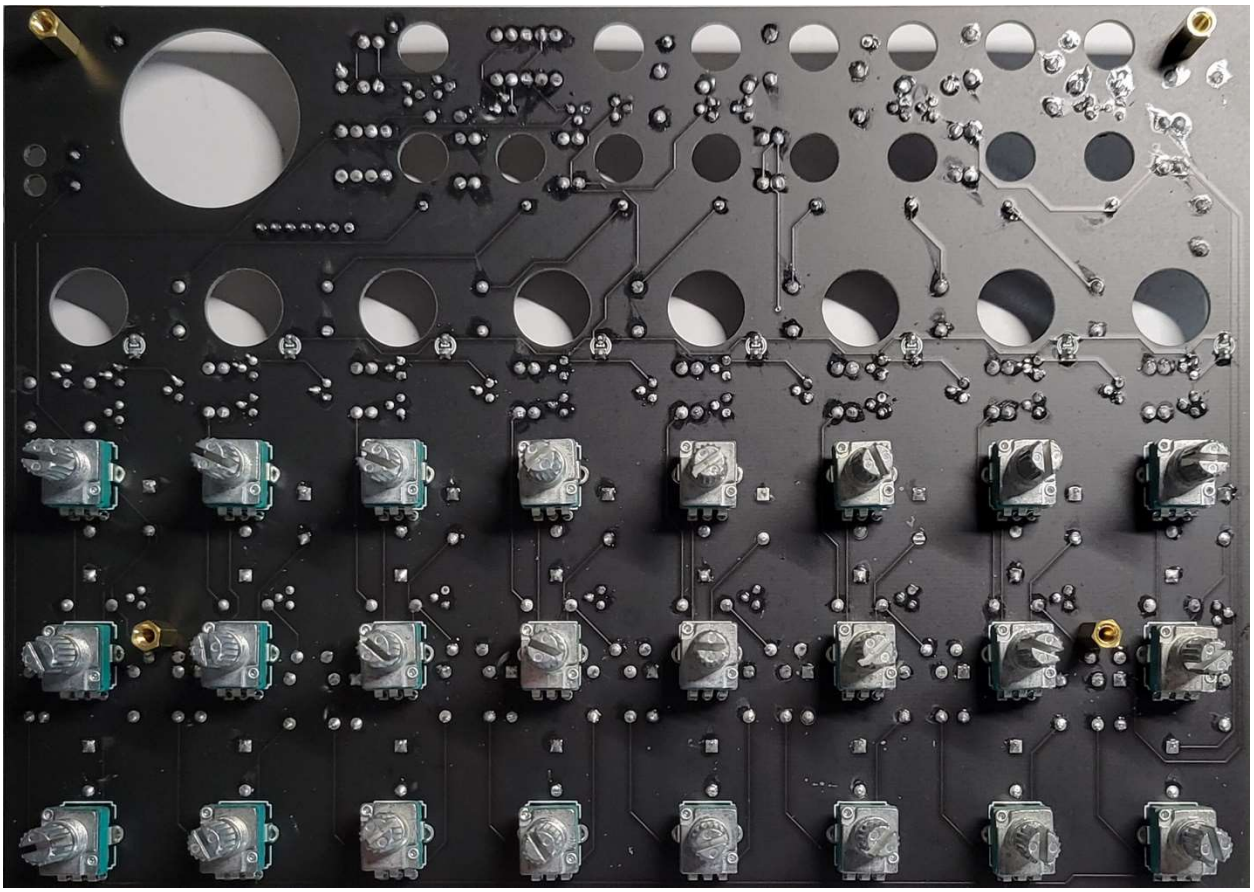



SEQUENTIAL VOLTAGE SOURCE MODEL 123
NUMBER OF INCREMENTS
7
2
INPUT
VOLTAGE OUTPUTS
A
B
C
PULSE OUTPUTS
1
2
3
6
7
8
I MUST SCREAM

Step 5

(identical to through-hole version)

Position jacks and standoffs. Don’t solder yet. Secure them to the front panel, and tighten. Solder AFTER tightening.

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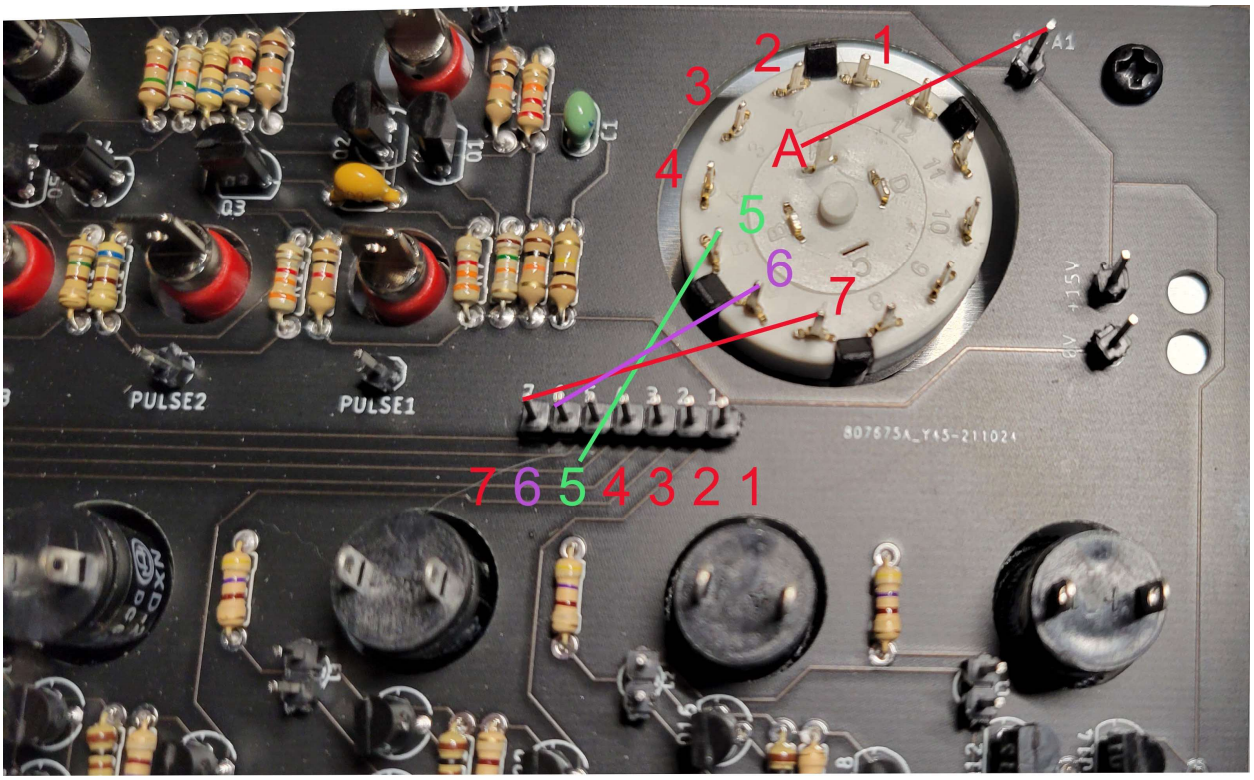
Step 6 - Wiring

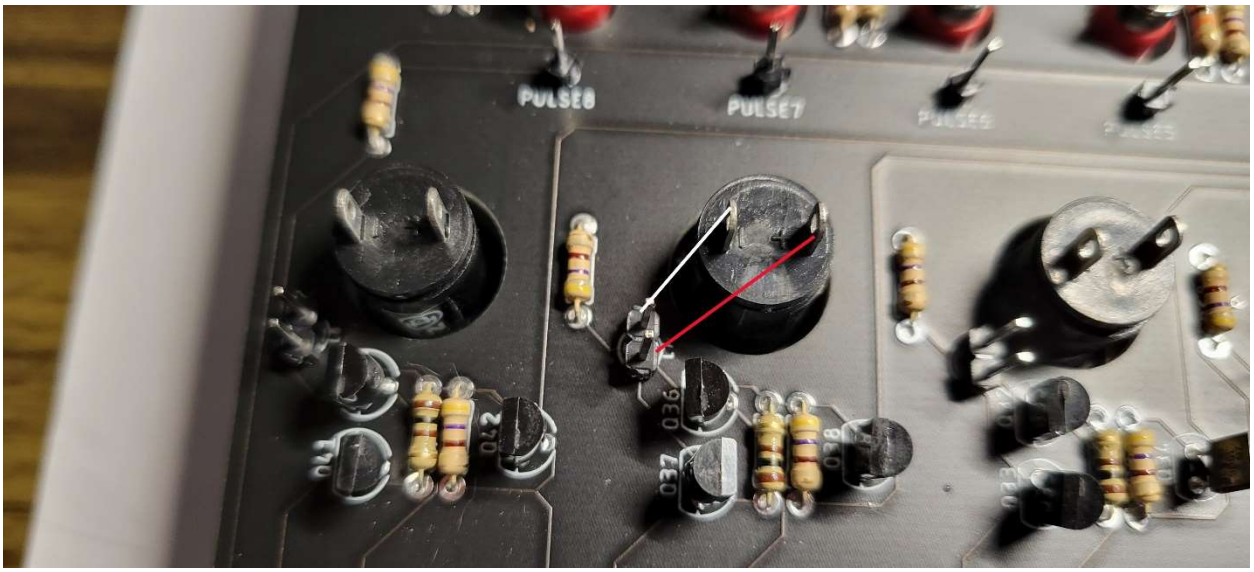
(identical to through-hole version)

Cut and strip the wires. Pay attention that the colors of wires can be different than you see on photos.

First, wire the switch. Connect the pins on the PCB to the pins on switch according to the numbers.

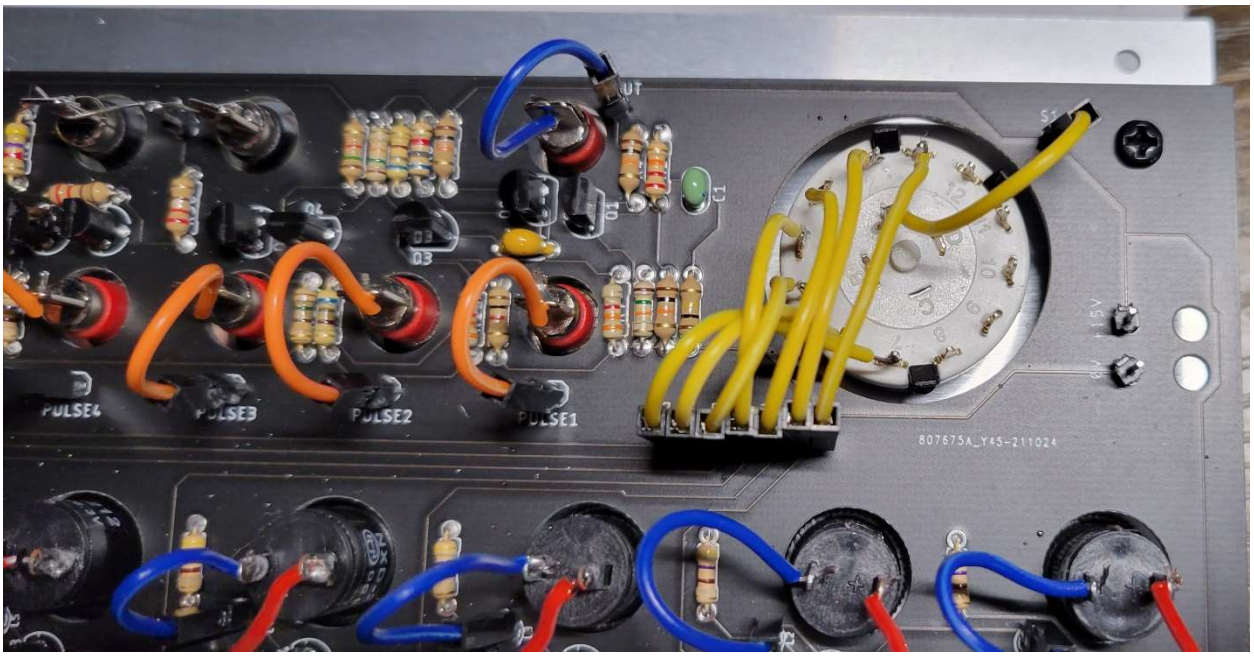


Next, wire the LEDs. The + should go to the lower pin, - to the upper pin. Connect all 8 LEDs.



Connect upper pins to the back jacks as shown below. After, connect pulse pins to the red jacks.

Here how it should look in the end:



Step 7

Now you can put the knobs on. This module does not require calibration.

Congratulations!