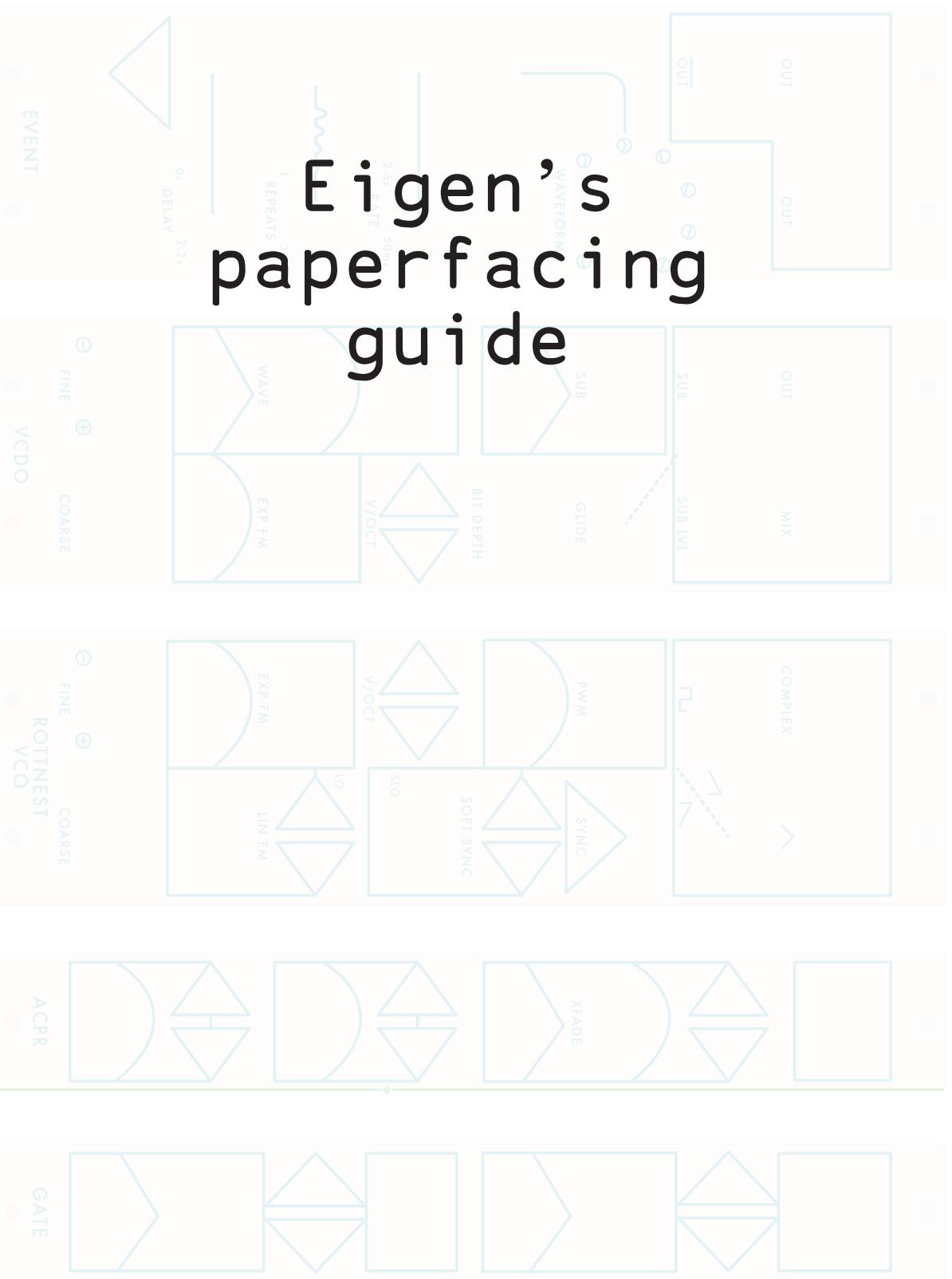


Eigen's paperfacing guide

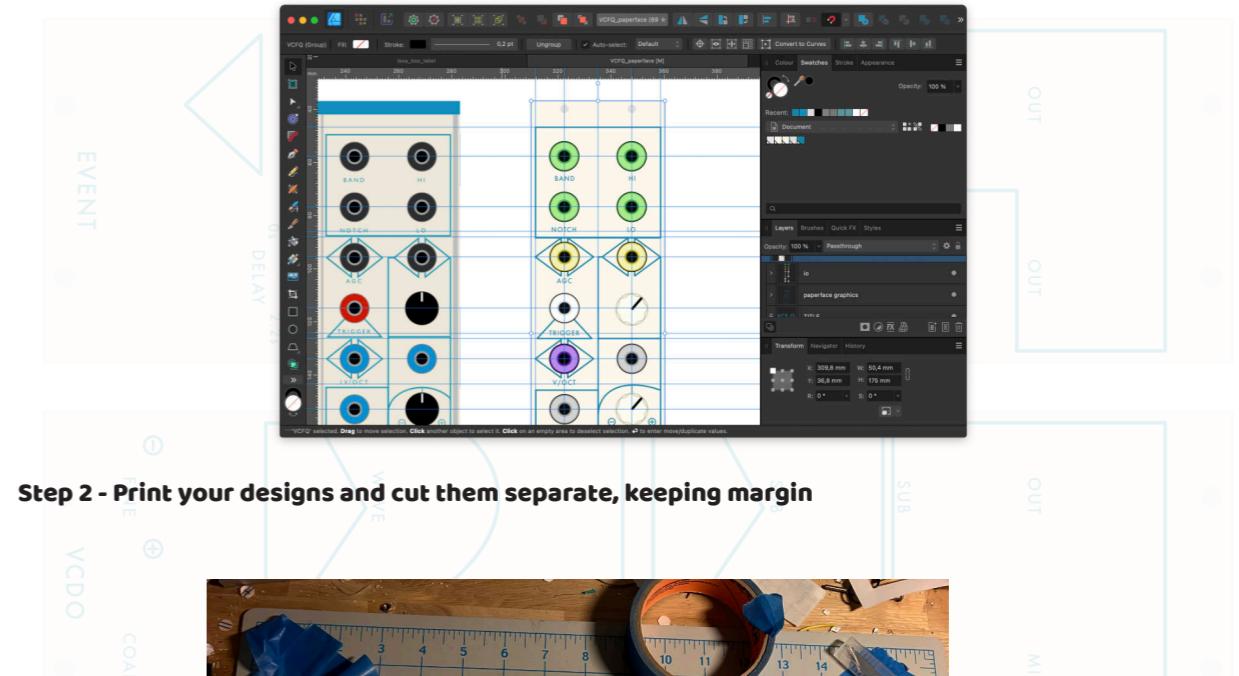


Tools needed

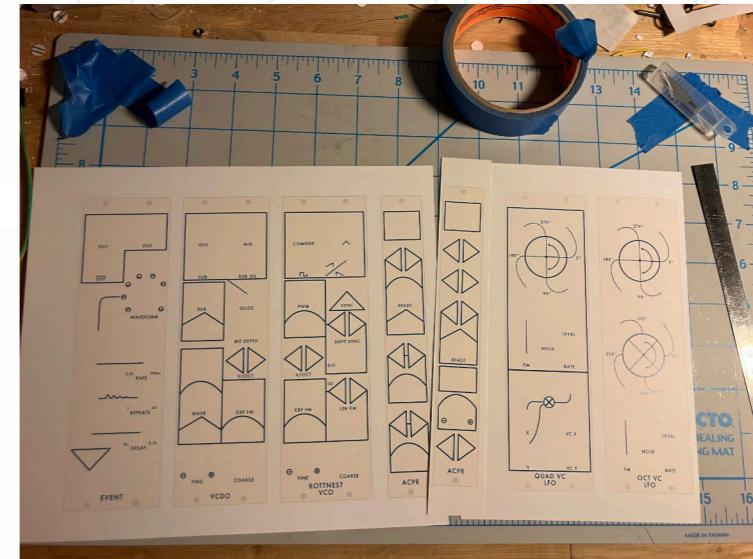
- Cutting mat
 - X-acto knife
 - Art paper (acid-free, $\geq 200\text{g}$)
 - Protective film (Con-Tact Clear Matte, if possible Acid-Free variant)
 - Mod Podge (matte variant) or any over suitable glue
 - Baking paper (to prevent putting glue everywhere)
 - Mini foam paint roller
 - Thin horse hair brush (cheap one)
 - Blue tape
 - Blank panels
-

Step 1 - Design your panels

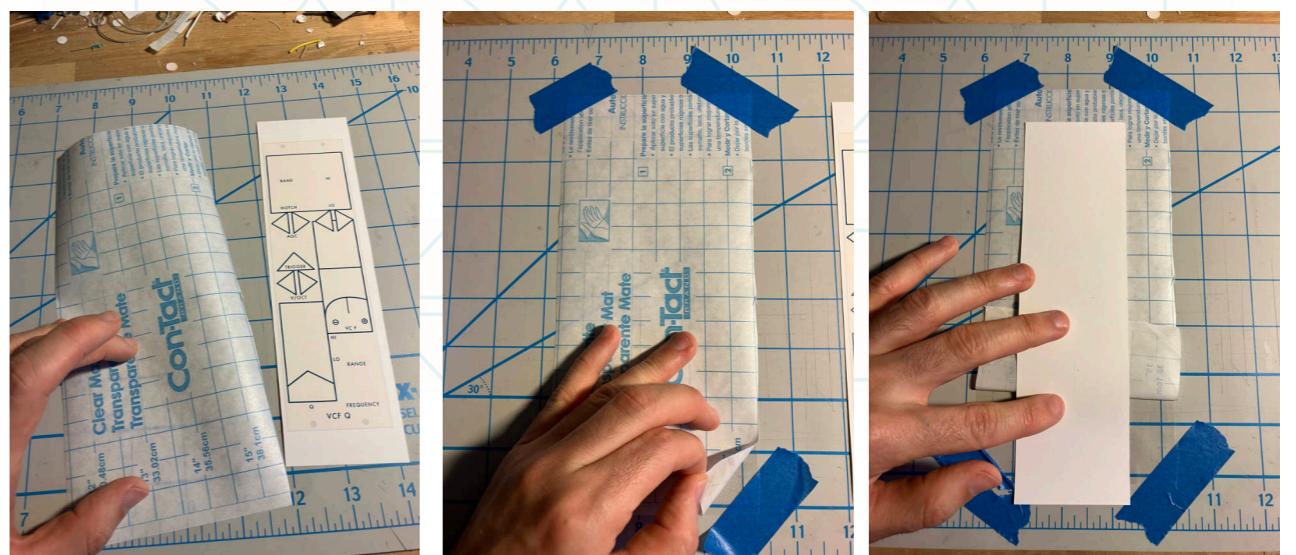
For dimensions, see <https://loudestwarning.tumblr.com/4Umodular>



Step 2 - Print your designs and cut them separate, keeping margin



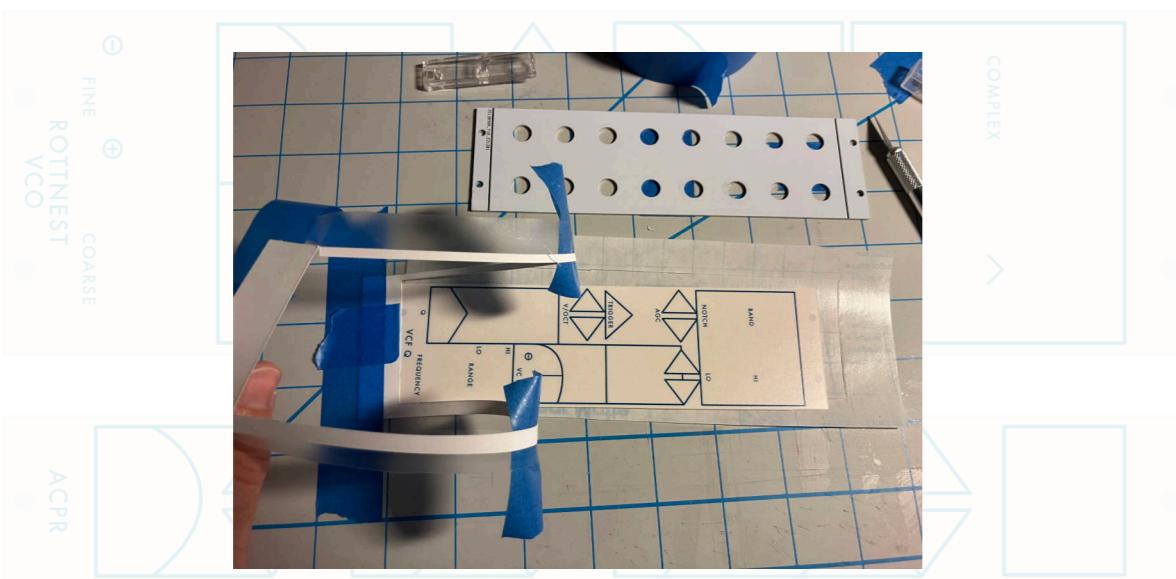
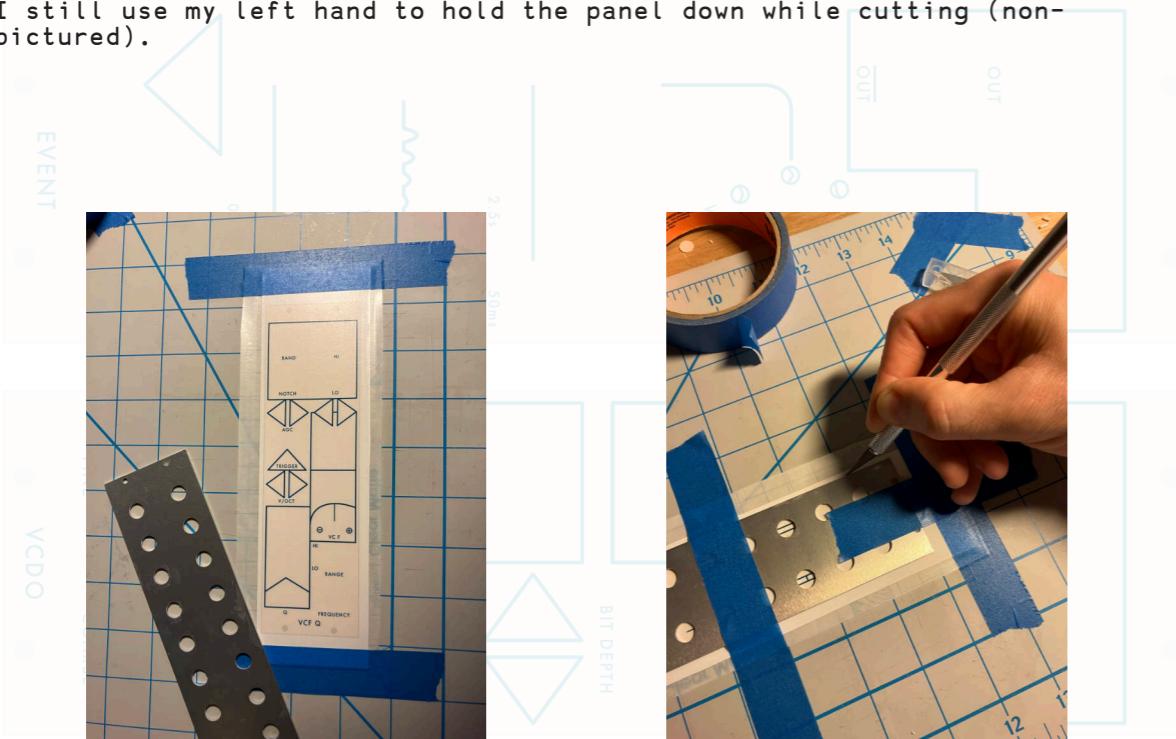
Step 3 - Apply protective film



Step 4 - Remove margin

I use a blank panel as a guide and position it centered with blue tape holding it.

I still use my left hand to hold the panel down while cutting (non-pictured).



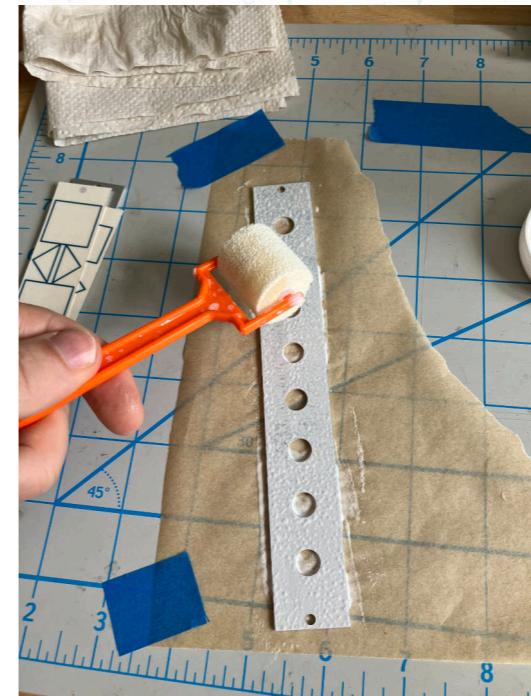
Step 5 - Glue

Apply Mod Podge on the alu blank panel with the foam paint roller, making sure the whole surface is covered.

Drop the paper panel onto the alu blank but DO NOT PRESS DOWN yet. Use your fingers to correct the alignment and only then press down.

Eventually use a roller tool to give a very last go (very optional).

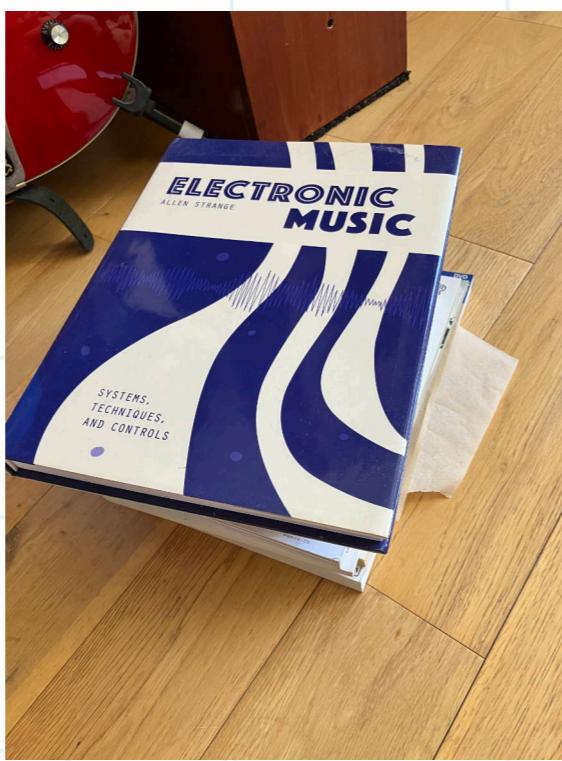
Clean excess glue on the back with a wet towel.



Step 6 - Let it dry

Use a pile of books to continue pressing down.

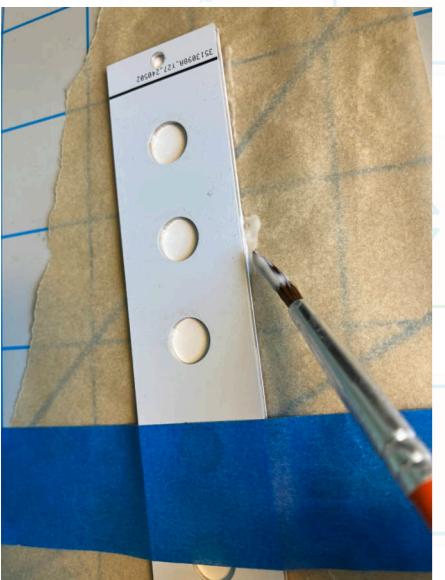
Wait at least 2h but overnight gives best results.



Step 7a - Seal the edges (optional)

Use Mod Podge yet again. Don't hesitate to give several go. Let dry ~1h.

It'll bleed on the front. Just scrape it off with your nails after step 7b.



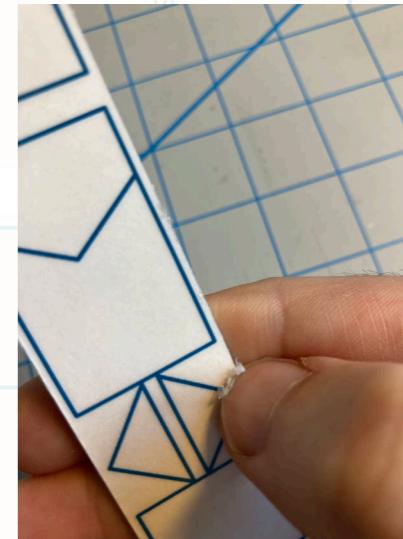
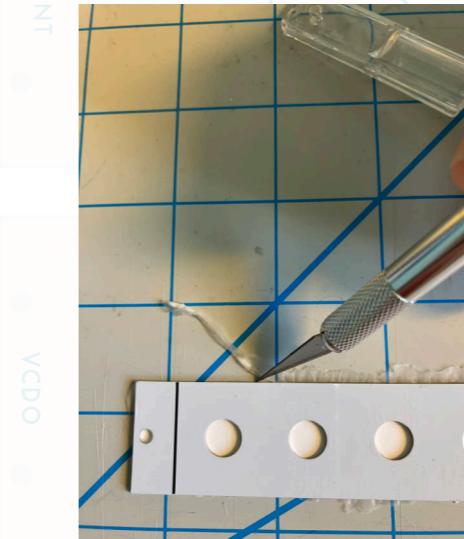
Step 7b - Trim excess paper

You typically will have a small excess paper on the edge of the module.

You want to cut that to prevent the paper peeling off.

Having sealed off the edges w/ glue make this easier.

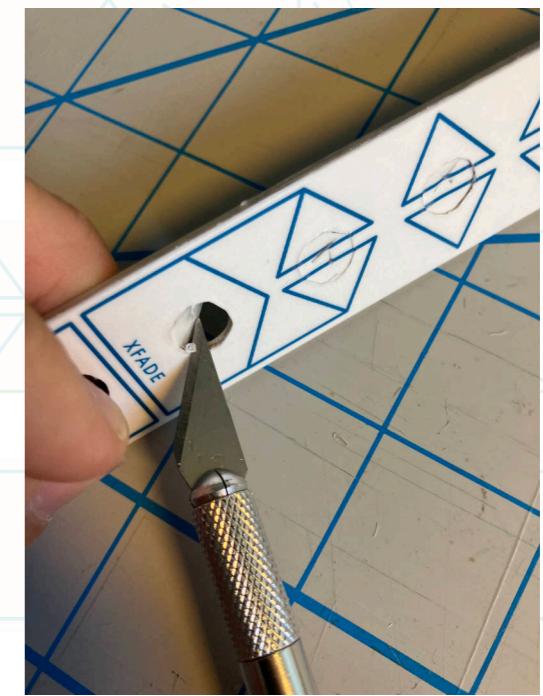
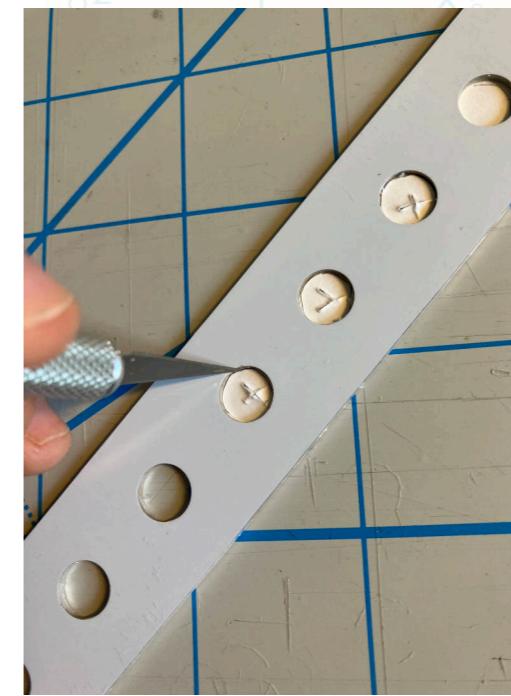
After that scrape off excess glue on the edges of the front side.



Step 8 - Cut the holes

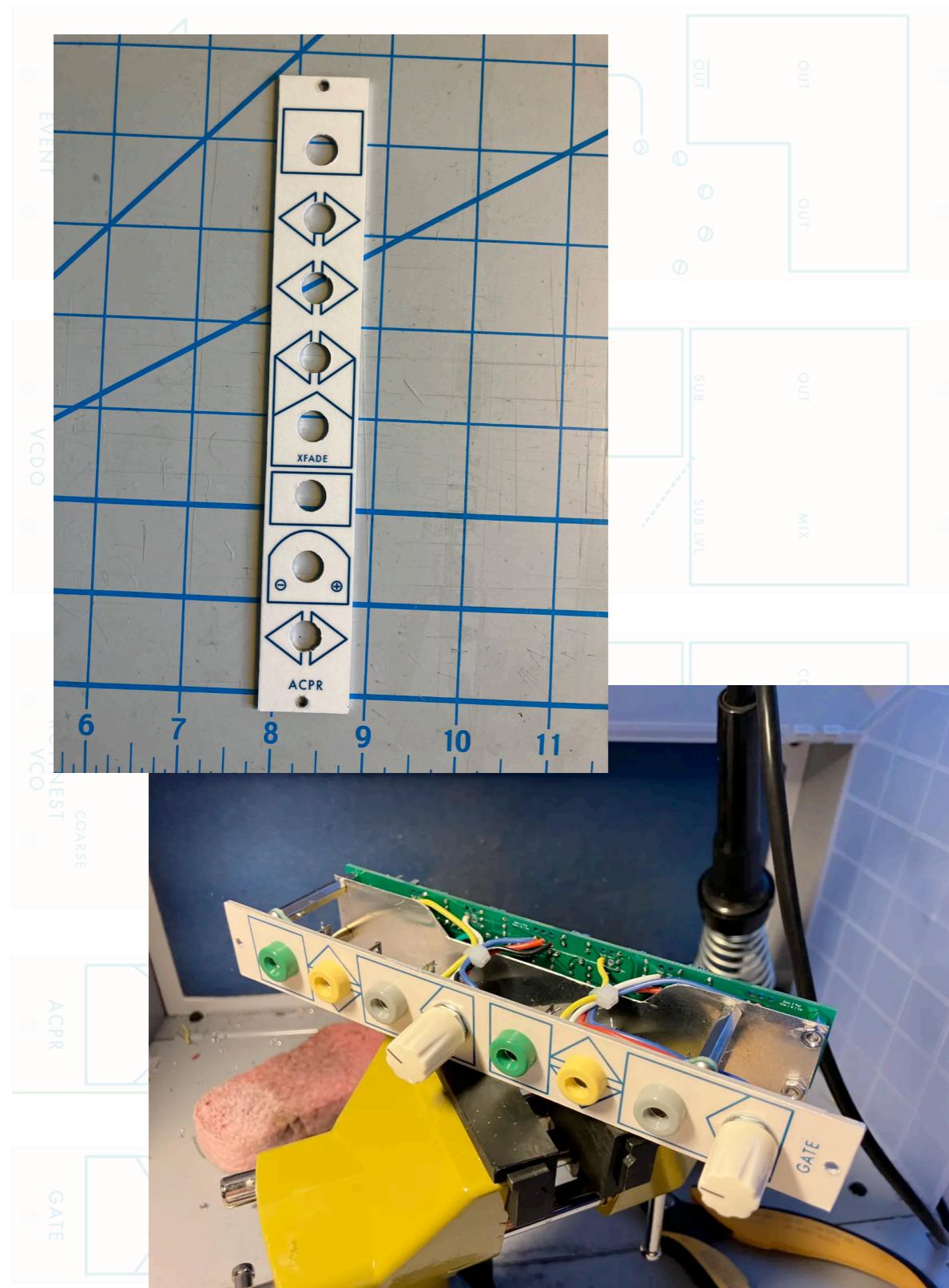
Start from the back to make a rough hole.

Then finish from the front, pushing against the edge (always push, never pull).



Step 9 - Admire your work

You're done. You can now assemble your module.



Final notes

- Don't cheap out on x-acto blades. Use a fresh one for steps 4 and 7b. For 8 you can reuse slightly worn out ones.
 - You'll most likely fail the first few times. It's ok. Some steps are a bit tricky.
 - Mod Podge is water-based. If you fail, you can soak the panel in water to melt it down and be able to reuse your alu panel
 - Experiment! Try other techniques (different glues, different designs...)