Build instructions MiFloV2

Lasercut some MDF boards with the provided SVG file in the hardware folder

Feel free to paint them

For the screen we used clear acrylic plates but any clear material will do just fine . It's only job is to hold the diffuser in place.

The diffuser has the same shape as the screen (you can use the same file as the screen) and can be any material you choose that looks nice to you . Experiment with cloth, paper or anything that captures your fancy. It's main purpose is to dim the leds and give it a more pleasant vibe.
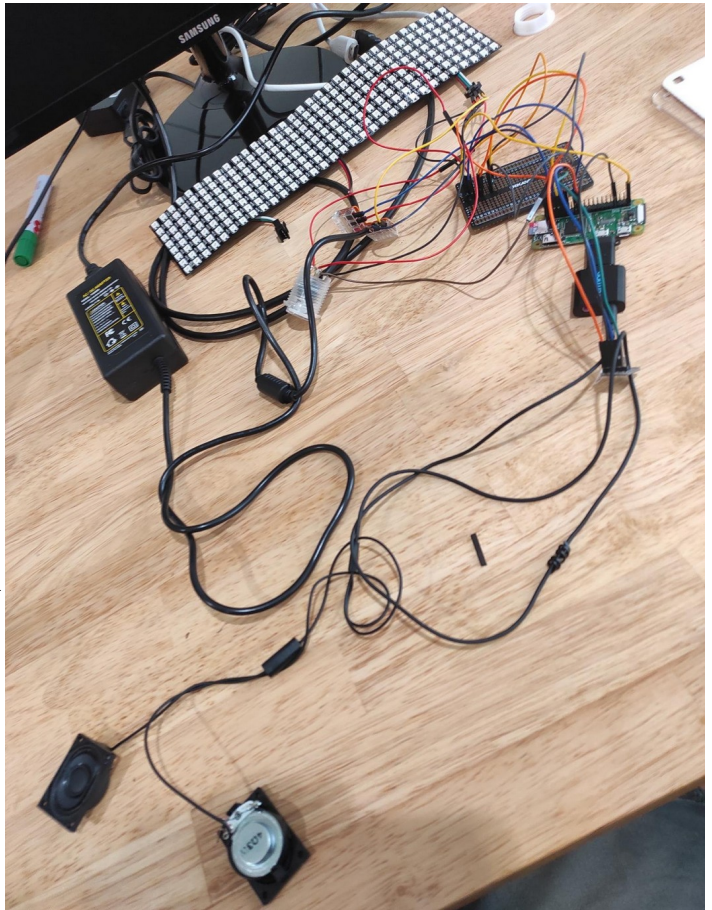
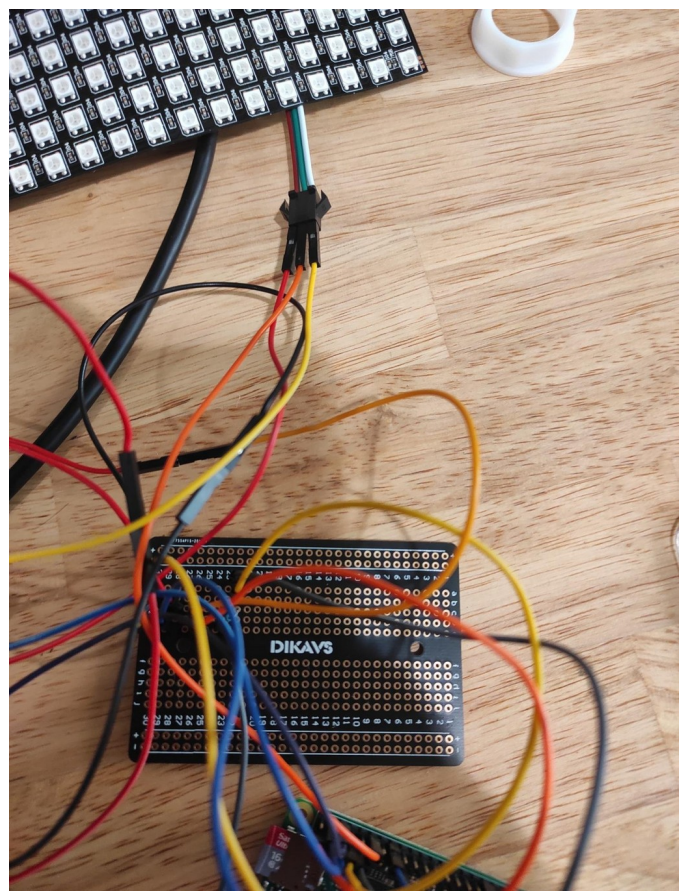The leds without ta diffuser are a bit too bright for use.

Connect all the parts . Look at the circuit in the hardware folder. It's not as scary as you think !

The only part that requires soldering are the speakers but if you like you can make a cute lil perf board or even just keep everything on a breadboard.

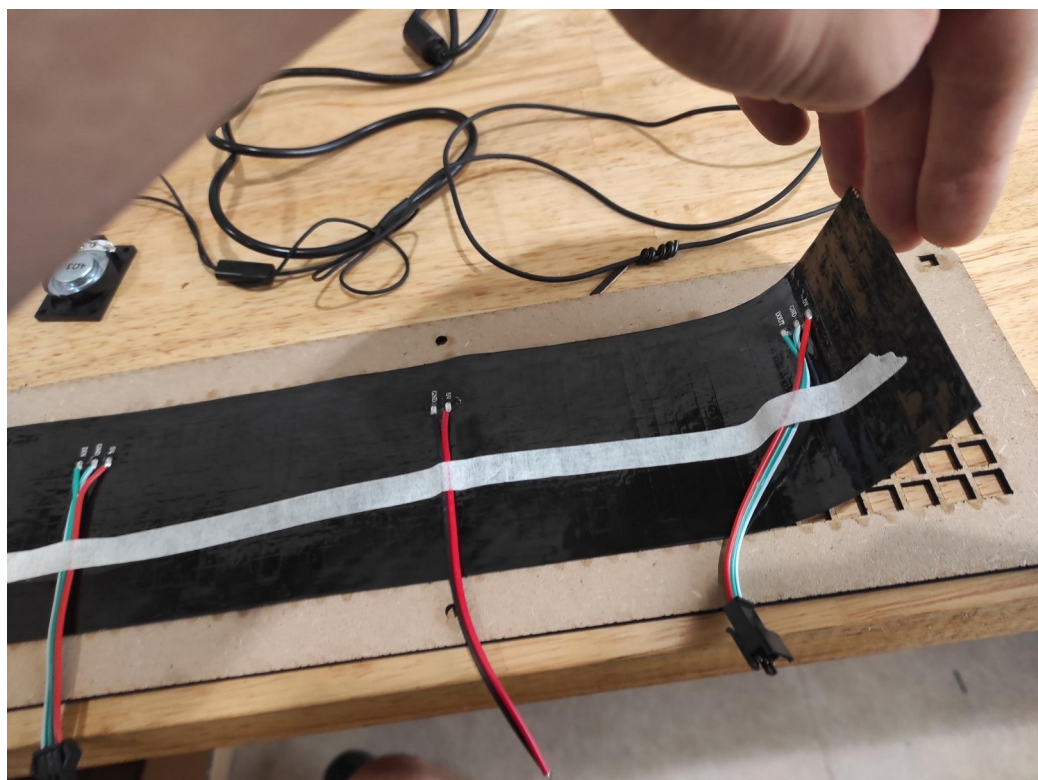The case provided is large enough to fit a small breadboard.

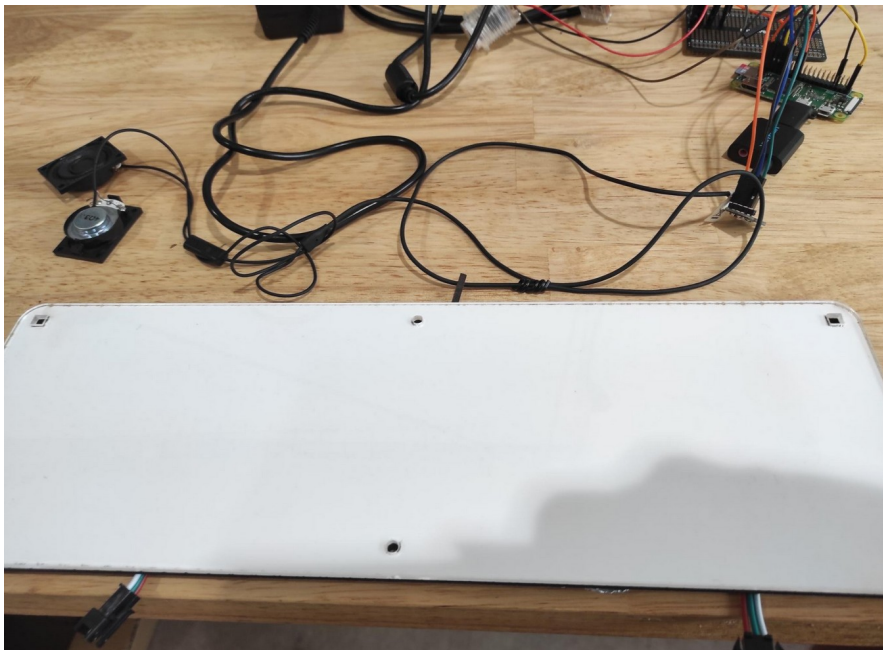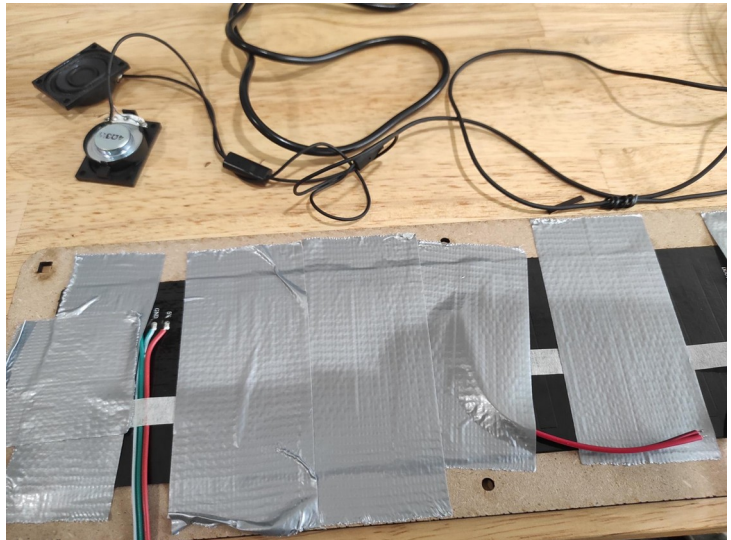I chose to keep everything in place with a perf board.

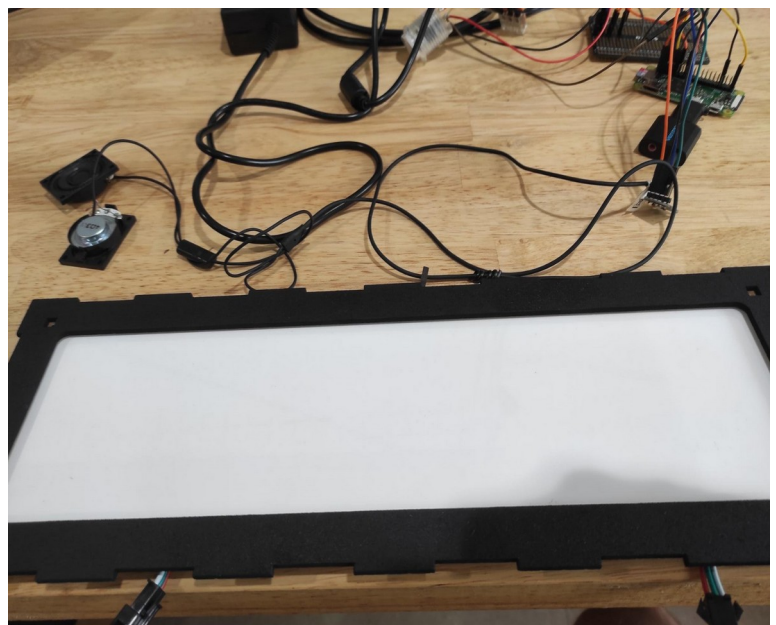Put the Led matrix on the grid and make sure the everything fits snugly

Perfect!

Make sure the screen is nice
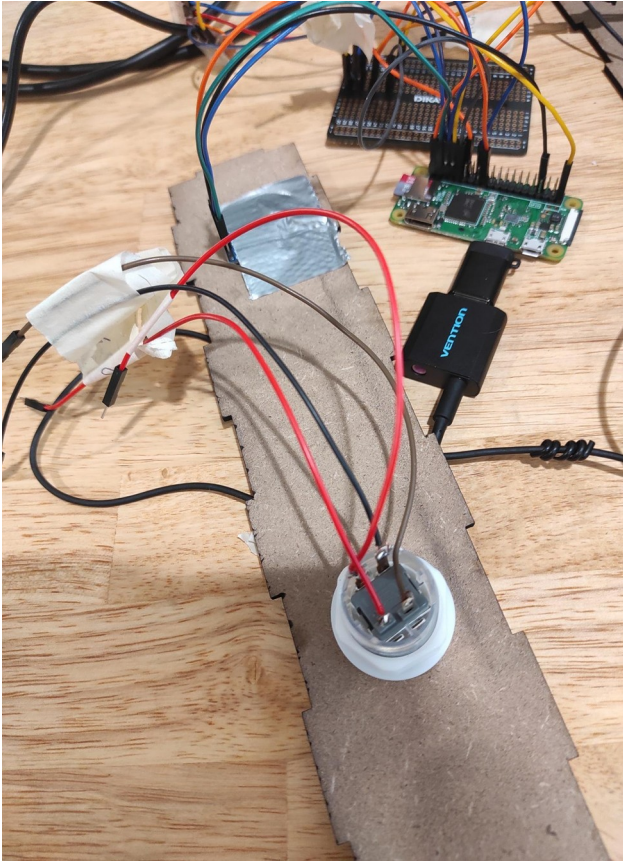and tight ,
duct tape is your friend

Put the Acrylic screen on
top with the diffuser
inbetween

Last but not least, put the
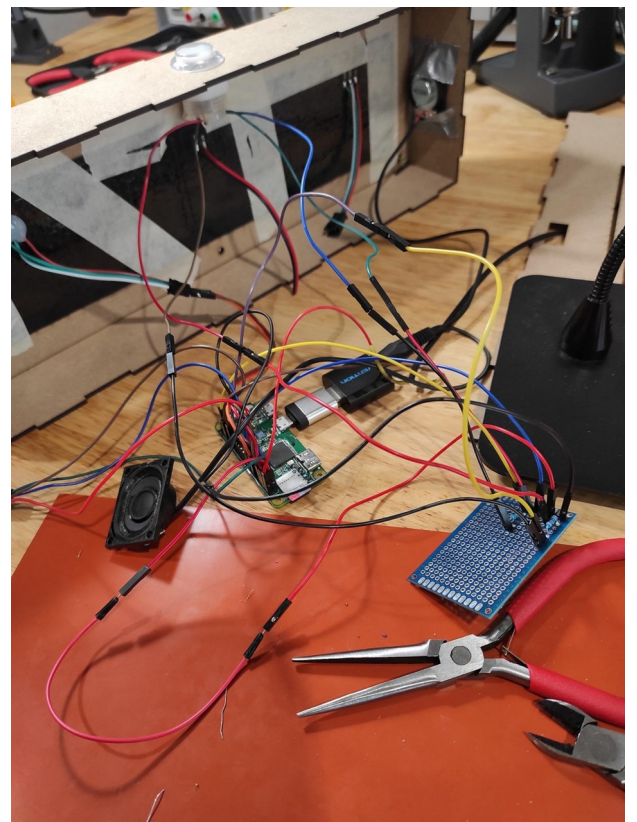MDF front panel on top and
put in some screws .

Put the arcade button in the provided round hole .

Place the lux sensor in the square hole.
You can use screws if you want but duct tape works just fine .

Same goes for the speakers. Use screws or rely on uncle duct tape for a quick fix

Thats it for the hardware !
Now head to the README.md to continue your journey