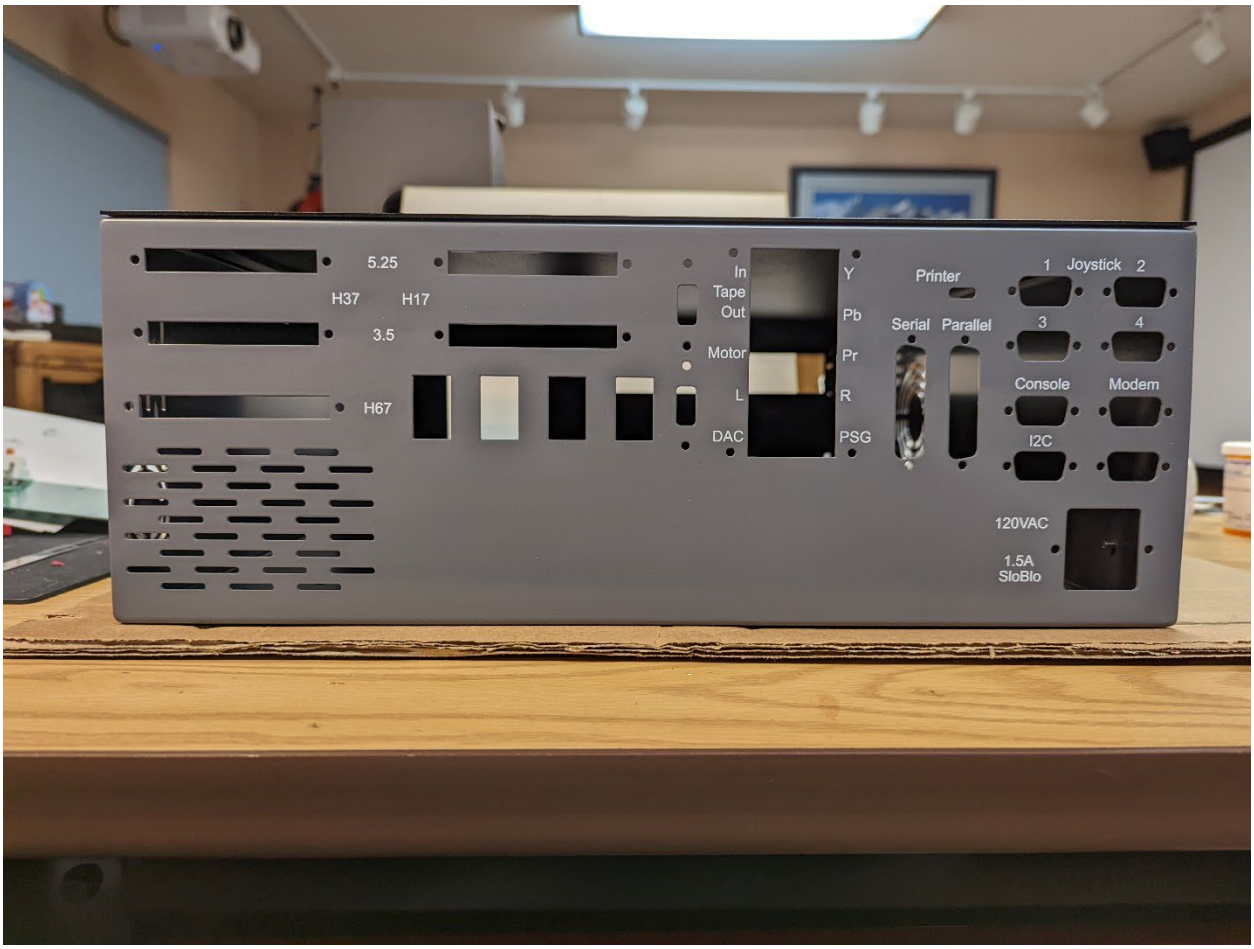
Case arrives well protected by two outer layers of cardboard and inner layer of bubble wrap.

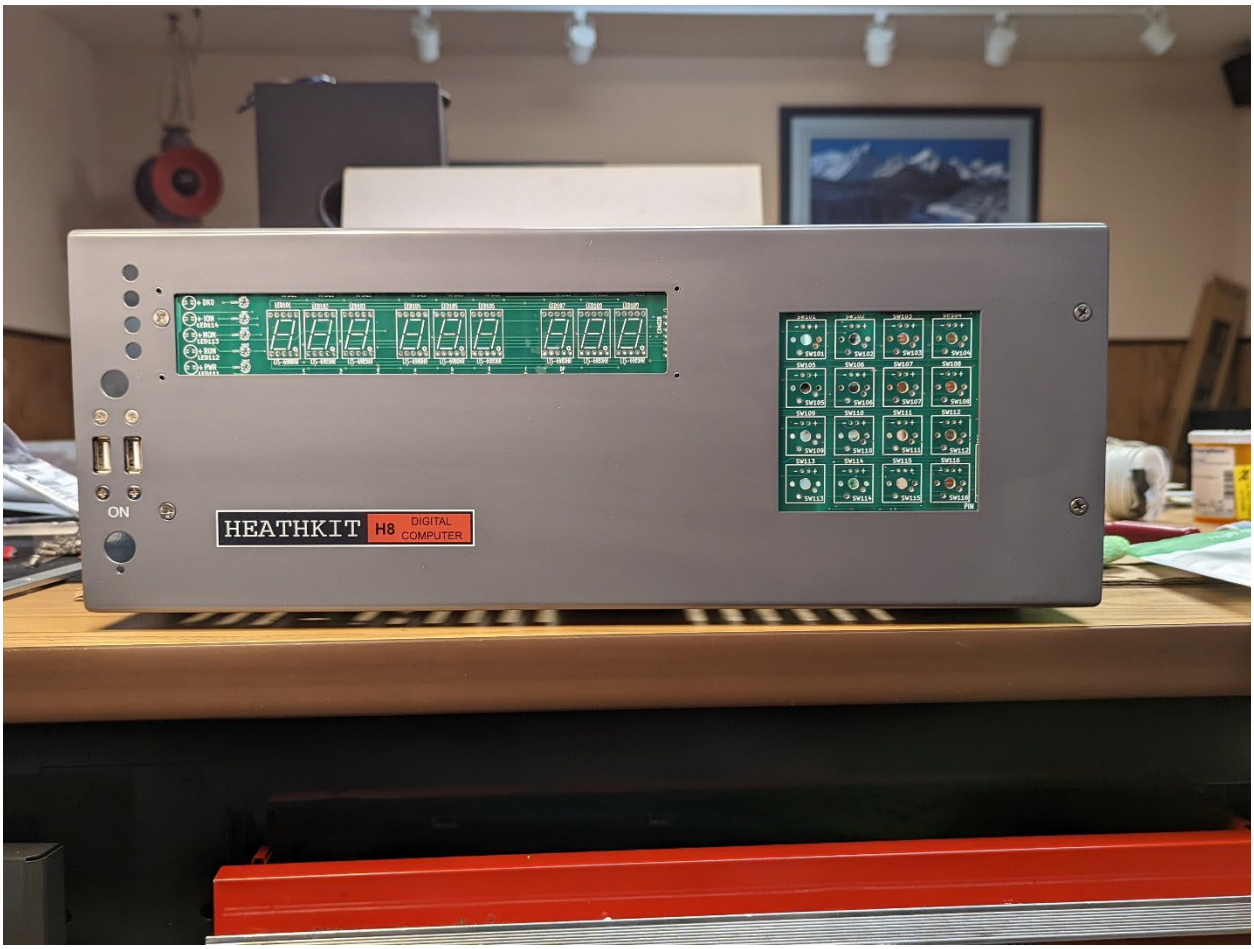
Digitally-printed emblem is crisp. The dry transfers had a brighter orange, but in my opinion the sharpness and simplicity of direct digital printing is the way to go.

Countersinking of top fasteners gives a top with no protrusions (Glenn’s good idea).

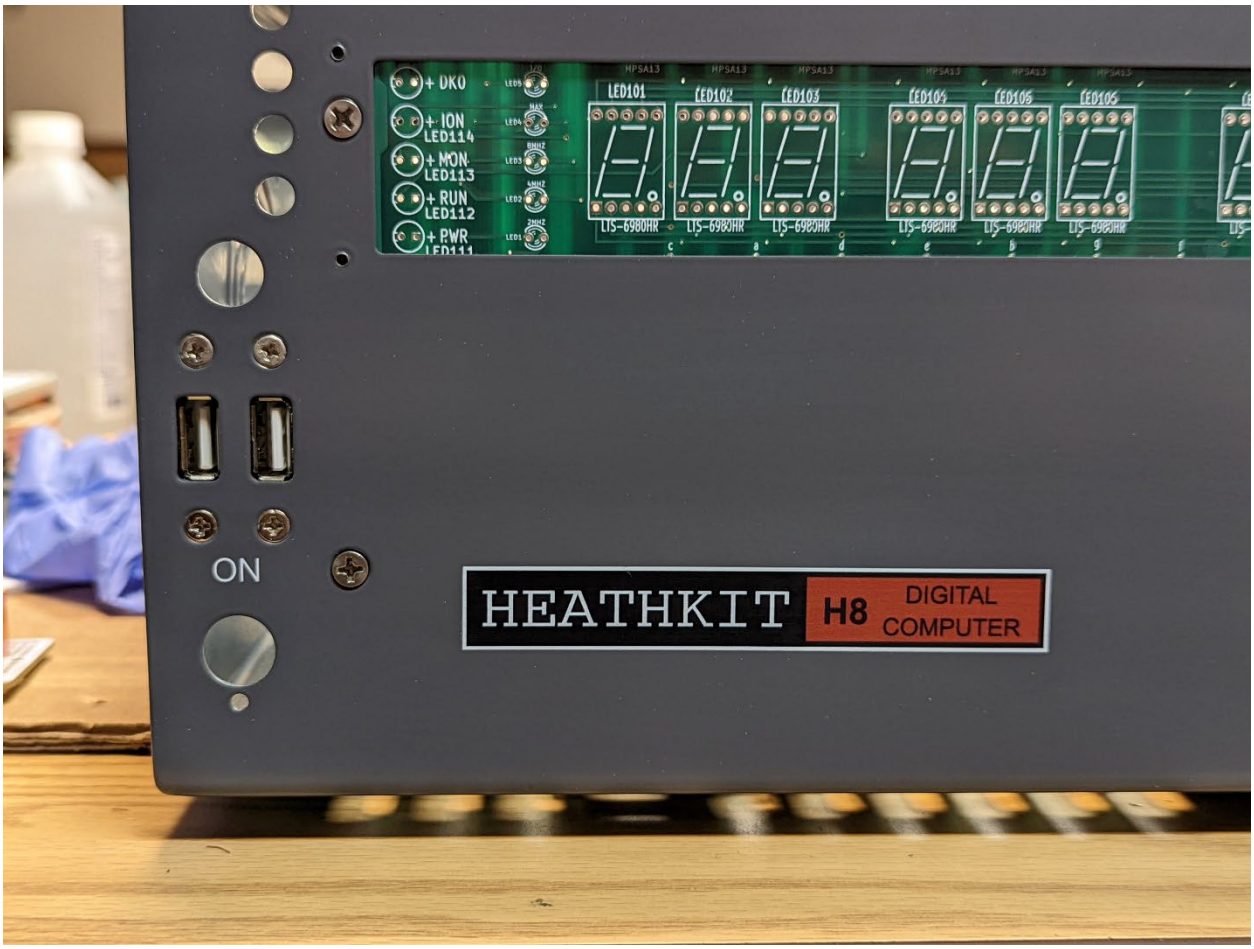


(Very) minor labeling changes from my original prototype.

Interior of case has two masked areas for grounding of the +8v power supply (which can be mounted in several different locations).

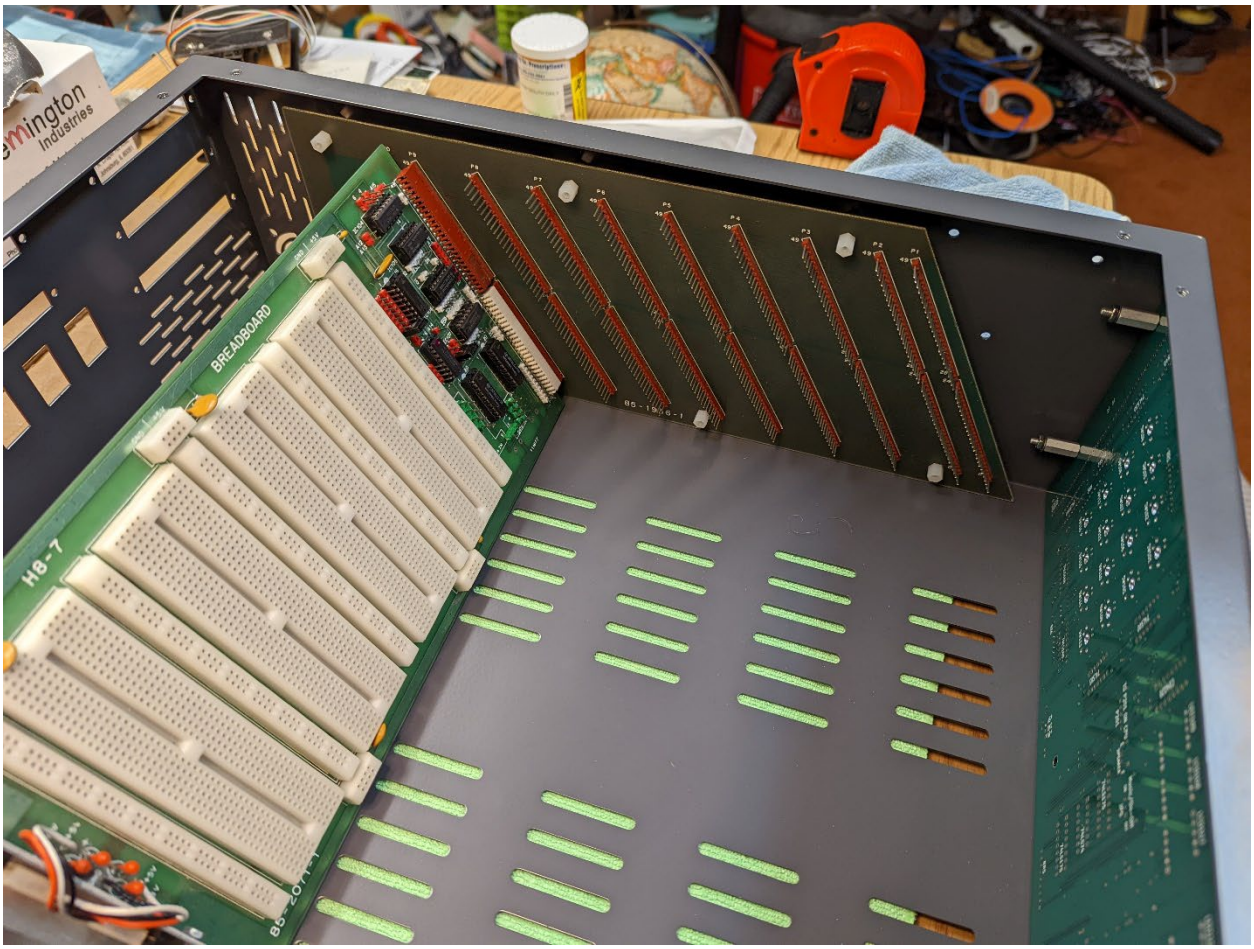


Front panel fasteners match the PCB precisely and panel openings are perfectly centered on the keypad and LEDs. All exposed fasteners on the front panel are now countersunk.

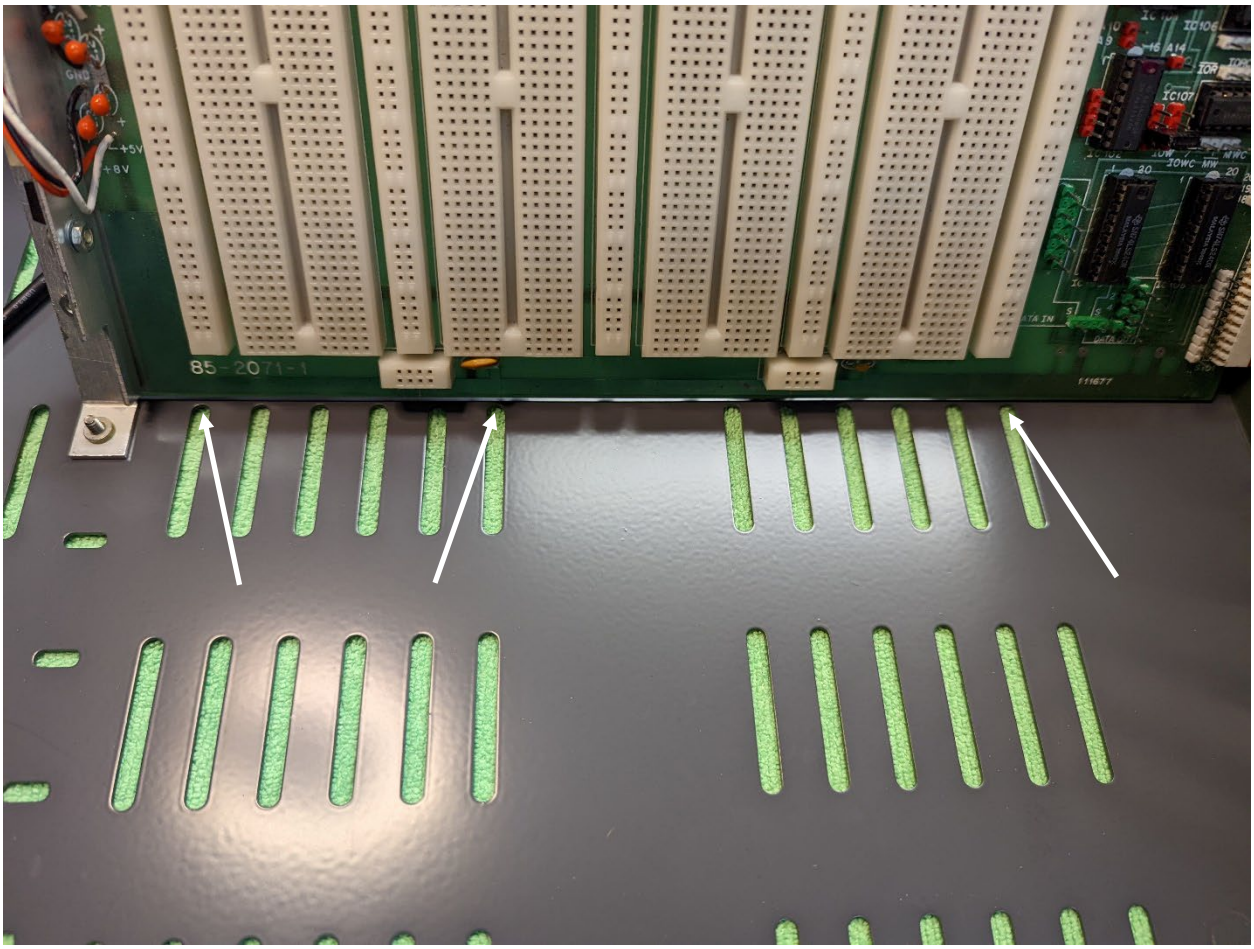


Close-up of the digitally-printed emblem and countersunk fasteners on the USB ports.

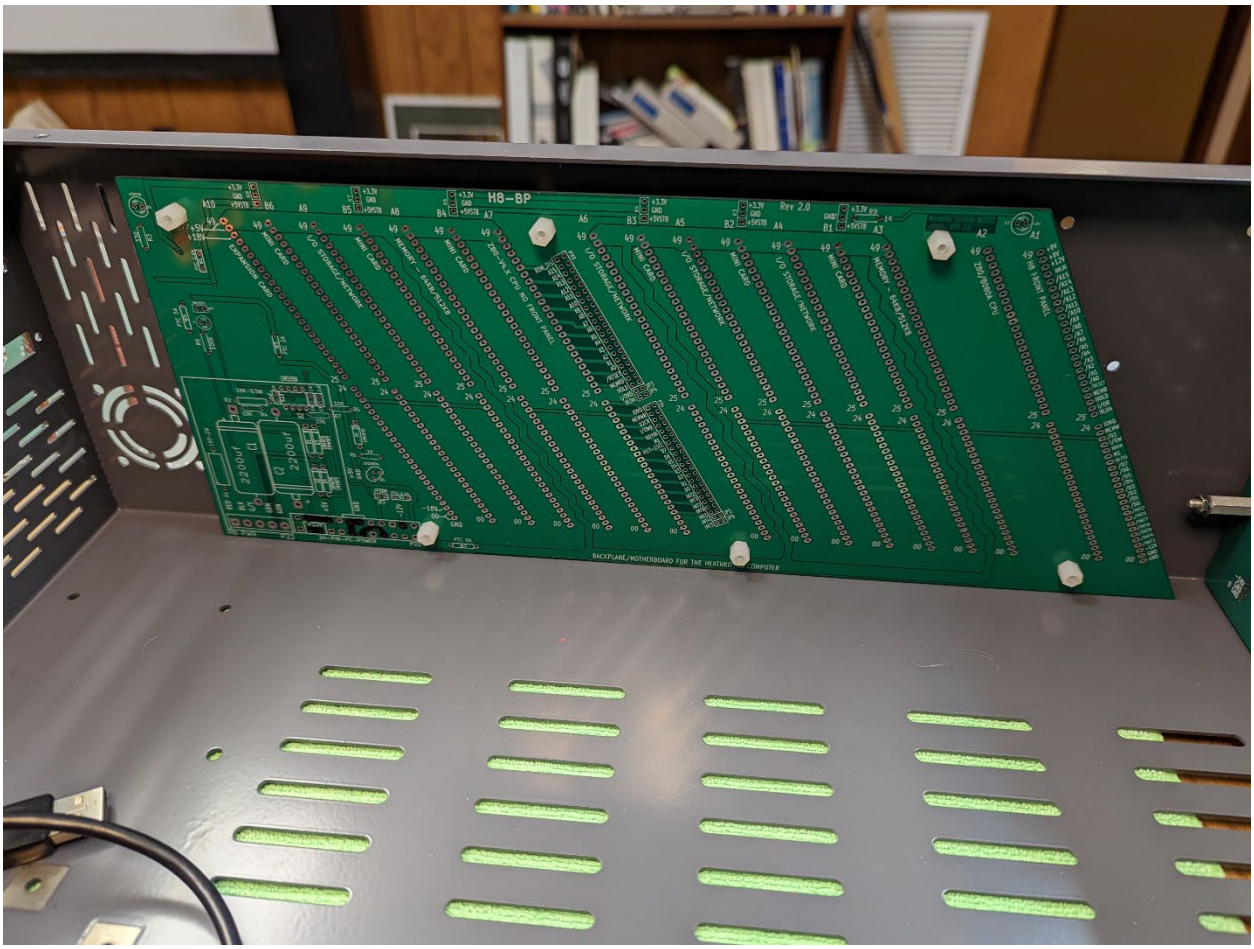
Just confirming that the tapped #2-56 holes for the LED lens are where they need to be. The lens was lifted off my original prototype and fits the second prototype just fine.



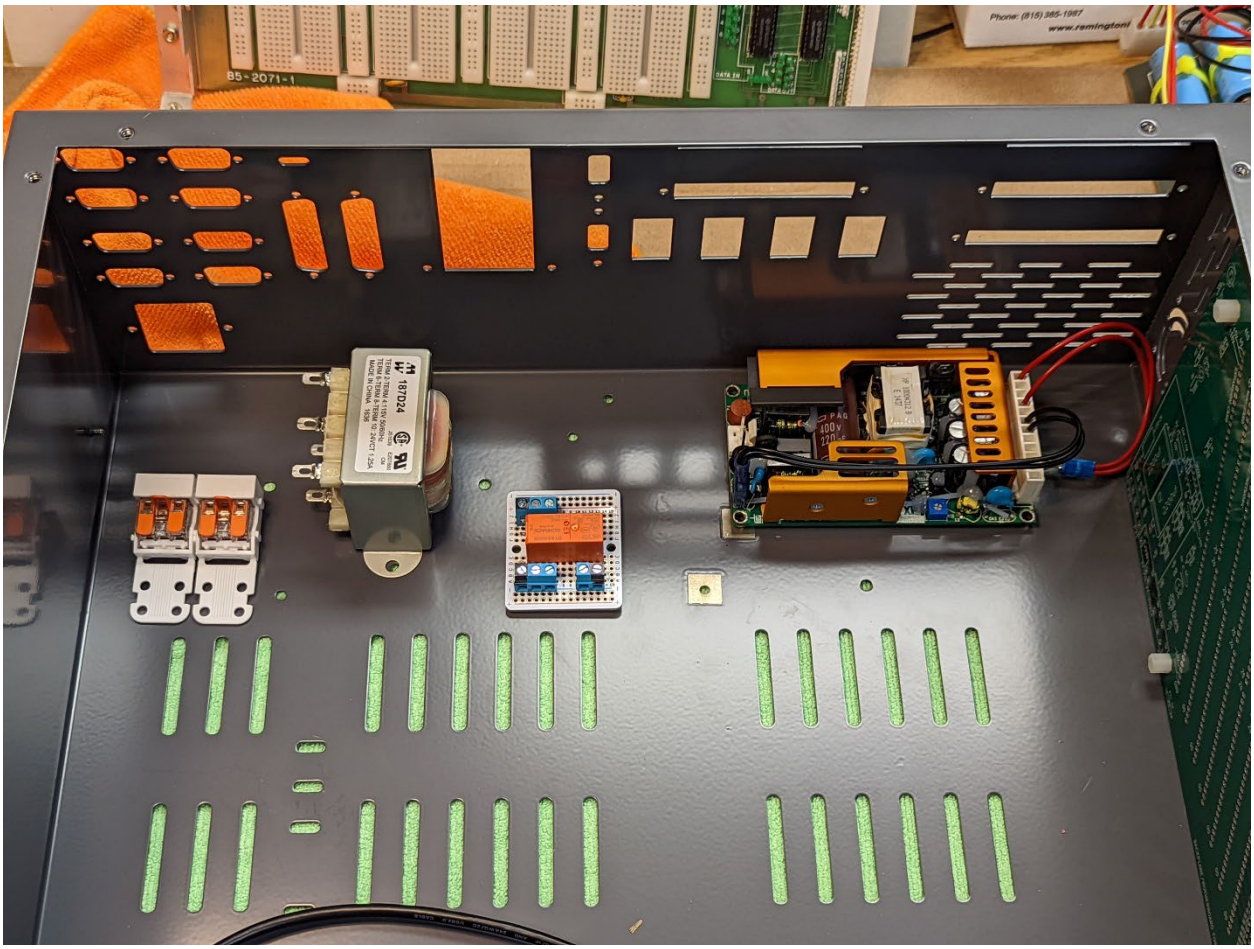
Backplane fasteners match the Heath backplane holes precisely.



The registration of the outboard PCB bracket slots on the case bottom is spot-on. The uniform gap between the ventilation slots and the bottom of the circuit board shows that the circuit board is properly aligned with the backplane.



The backplane fasteners holes are drilled very slightly oversize to allow some adjustment. There's enough adjustment to mount the original Collado backplane.



There are many options for sourcing and mounting power supply components. The case is pre-drilled for ones that Norberto and I have used, but you can easily use a hand drill to accommodate other components. This photograph shows the XP Power 100 watt 9v supply and a Hammond 30VA 24v transformer for the +/- 18v supplies. The small circuit board in the middle contains a relay to keep the +/-18v supplies turned off until the +9v supply comes up. The Trionyx CPU gags when the 18v supply comes up first (this is not an issue with Norberto's Z80 boards). The blocks in the left of the picture are WAGO LeverLok splice blocks, which are used to split the AC hot and neutral to the 9v supply and the transformer. There are hundreds of possible connection permutations, and you may prefer other methods of doing the wiring. I am preparing a separate power supply document that describes the options for which the case has been pre-drilled, and some suggestions for choosing between the options (which you should feel free to ignore).

The speaker mounts to the case using built-up shoulder washers shown on the next page.

The 1/16” spacer and #6 flat washer duplicate the dimensions of the shoulder nuts that Heath used.