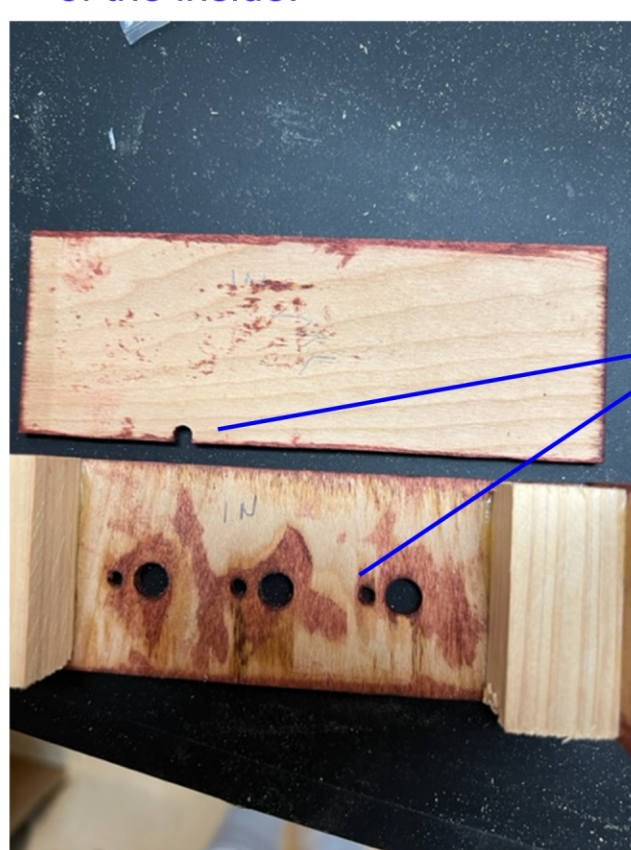


TOOLS AND MATERIALS NEEDED

- wood glue
- sandpaper(150-220 grit)
- clamps (clothespins)
- wood stain (Varathane Cabernet or similiar)
- clear finish (Varathane polyurethane or similiar)
- drill and 3/32-1/6 drill bit
- foam brush for stain and clear finish

STEP 1 stain the side panels

stain outside only to improve glue adhesion, note carefully the orientation of the inside.

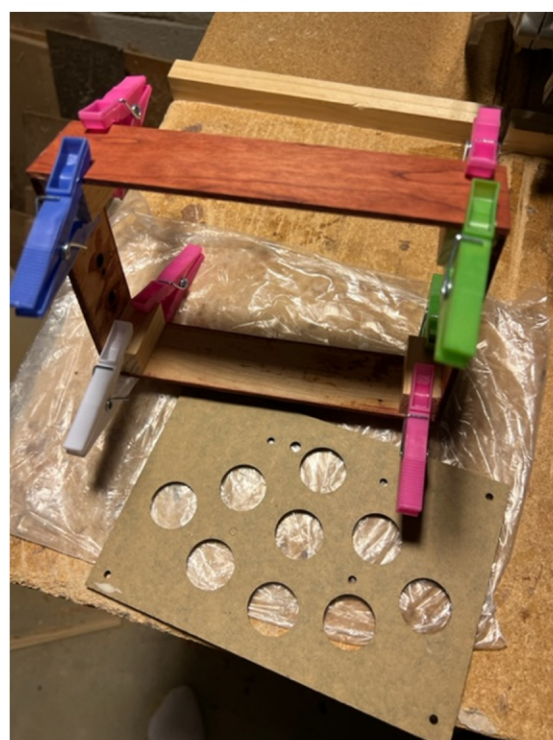


"cabernet" stain used in this example on cherry

when viewing inside, the notch on the first panel is here and the small holes on the second panel are here

STEP 2 glue the corner blocks to the end, and then glue the side panels.

do a trial fit against the front acrylic panel to understand the overlap; wipe off excess glue after gluing the end panels to the corner blocks, allow to dry, confirm the location of the notch and small holes per step 1 and check square against acrylic panel for final gluing



STEP 3 add reenforcement strips

glue near edges of panel except do not cover notch

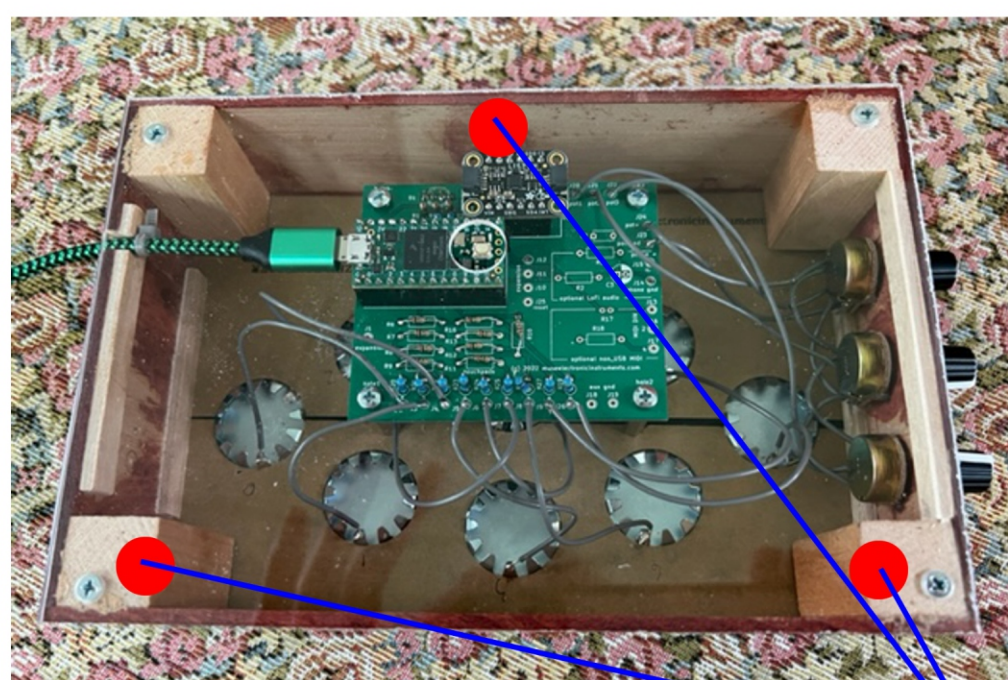


apply varnish with light sanding between coats

STEP 4 attach top and bottom acrylic panels

mark and drill the screw locations

note the locations of the notch and downward (in this figure) orientation of the potentiometer terminals



locations of silicone bumper feet



A light coat of automotive wax on the pads will help keep the nickel bright.