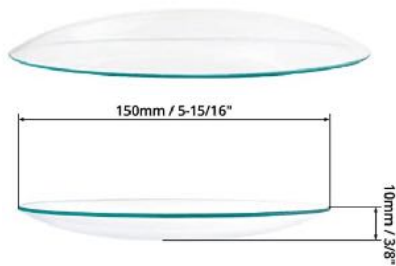


# RIXLABnotes

## The Claude Glass DIY

This DIY follows the rixlab notes #81 about the Claude glass. These are suggestions; you can adapt them to your own skills and resources.



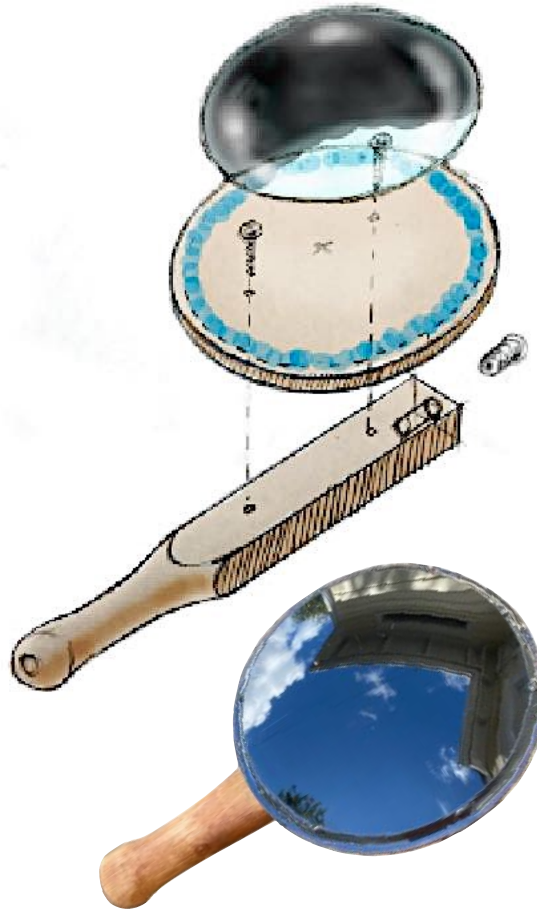
**1** Amazon has [evaporation dishes](#) that work well for the glass. I chose 150mm. There are spares in case...



**2** Paint the inner concave face black using spray can lacquer or brush on acrylic paint, 2 coats should make it opaque. Clean the surface with Windex or alcohol before you paint: smudges will show because they come in front of the black coating.



**3** The back support for the glass can be something like 1/4" plywood or particle board, leaving a 1/4" extra all around for the adhesive bead to spread. You can leave the support square or trim the corners or cut a circle with power or hand tools according to your resources.



**4** If you want a handle, screw it on from inside, from the thinner backing material into the thicker handle. That means attaching the handle before mounting the glass. Pan head or sheet metal screws avoid having to countersink the thin back support. Locate the screws to avoid impeding the glass. I added a cleat on top but it's not necessary.



**5** The glass needs to be pressed into a bead of silicone caulk or thick epoxy. Apply pressure gently and gradually to avoid breaking the glass.



**6** You can spread the adhesive up onto the edge of the glass for better grip. Use thick, "sticky" adhesive to grip the glass, for instance silicone caulk rather than regular vinyl caulk, thick epoxy rather than thin glues. Mask the glass or clean it before adhesive sets. Scoring the wood where it contacts helps the adhesive grip.



**7** If you want a tripod mount, carefully clamp the handle to drill for it or do this step before you install the glass. You can find videos online for installing a 1/4"-20 UNC threaded insert which is used in furniture work and fits tripod screws. It's available in hardware stores [or from Amazon](#). You can see I put it on the other end of the handle. The insert requires a drill of a specific size so read the instructions that come with the inserts you get. 3/8" will probably work. It allows the barrel to fit through and the threads to grab without splitting the wood.