

Dual monitor coupler for 27-inch Dell monitors



Dr Doom

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Summary

Designed for Dell P2720DC monitors. Might work with other 27" screens from Dell. Upper and lower clips.

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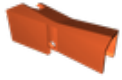
It annoyed me that every time I bumped the desk my dual monitors would shift out of alignment. So I decided to make some clips to hold them together.

Ended up being far more time-consuming than I expected. (Why don't they make these things with receptacles so you can connect them together?) Even after I thought I'd got the design pretty good, I found that a big bang to the desk would cause the clips to pop off, so I added a hole to the back of both upper and lower so that they can be connected with a rubber band. That seems to make the connection more robust.

FreeCAD model file is parameterized, so you can adjust monitor angle (currently set to 20°) and wall thickness (set to 2 mm). There are cutouts for power button and USB ports on lower clip.

Model files

monitor-clip.fcstd



monitor-clip-lower.3mf

☐ I recommend printing end-on, U-shaped cutout facing up, with 'snug' supports and brim



monitor-clip-upper.3mf

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