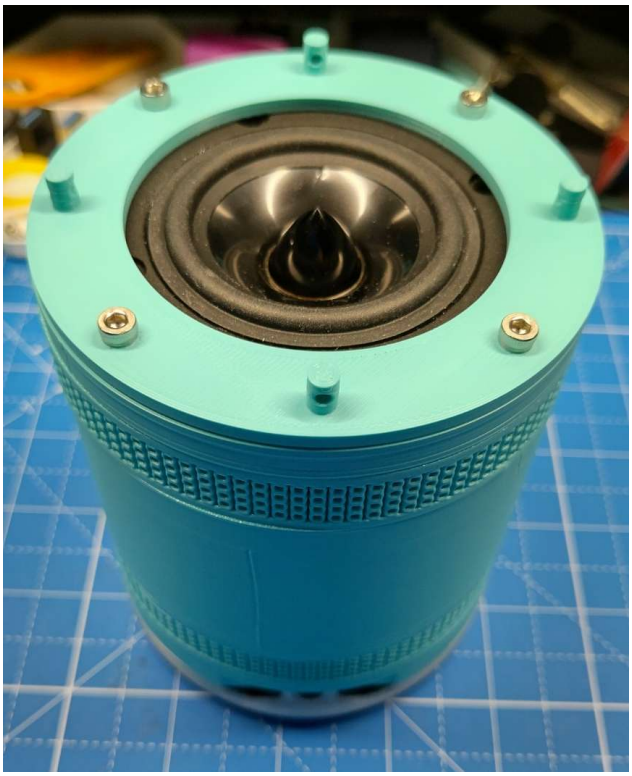
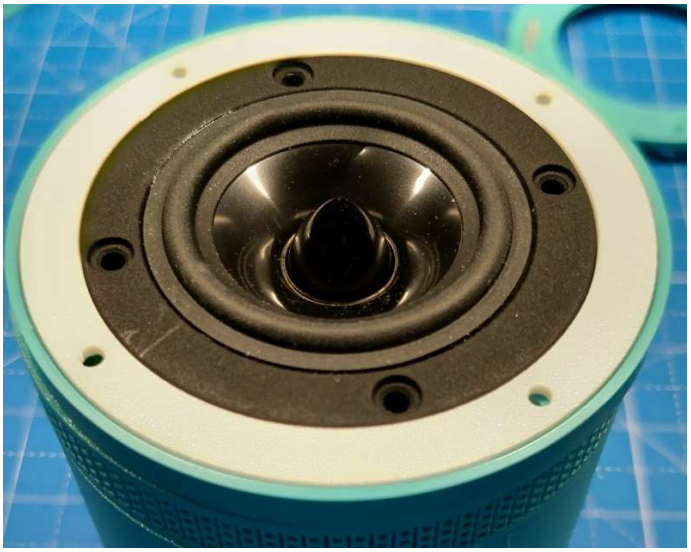
Disassembly of enclosure (Notes at the end)

From bottom to top. Titles are the actual name in F360.

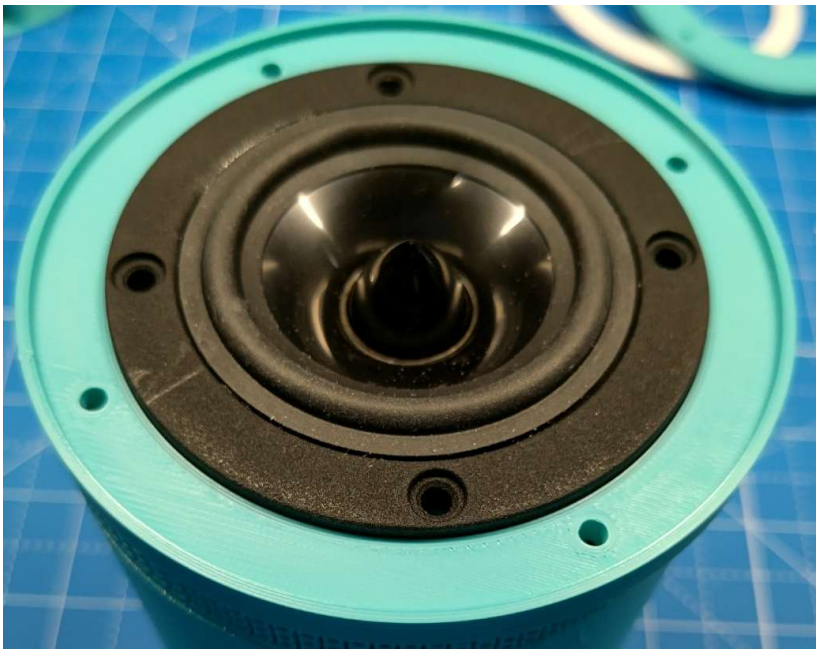
Stand Ring



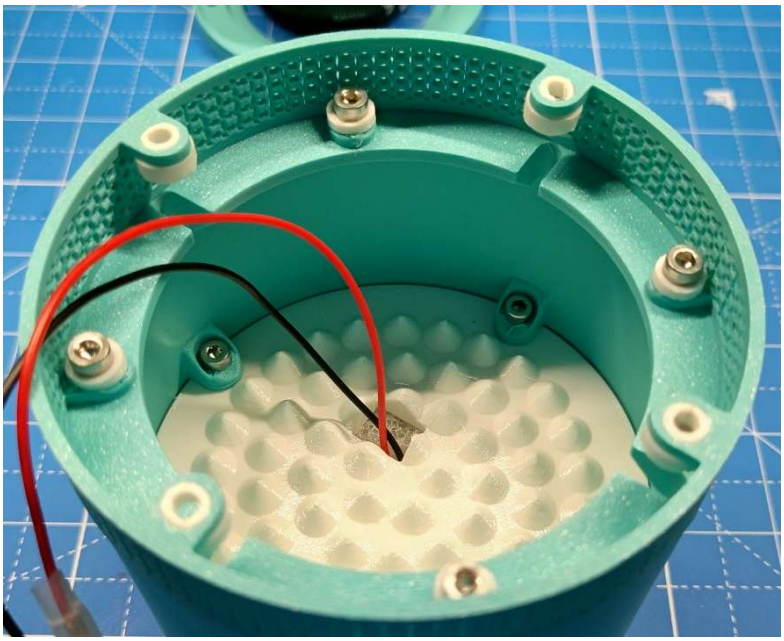
Bottom TPU Gasket



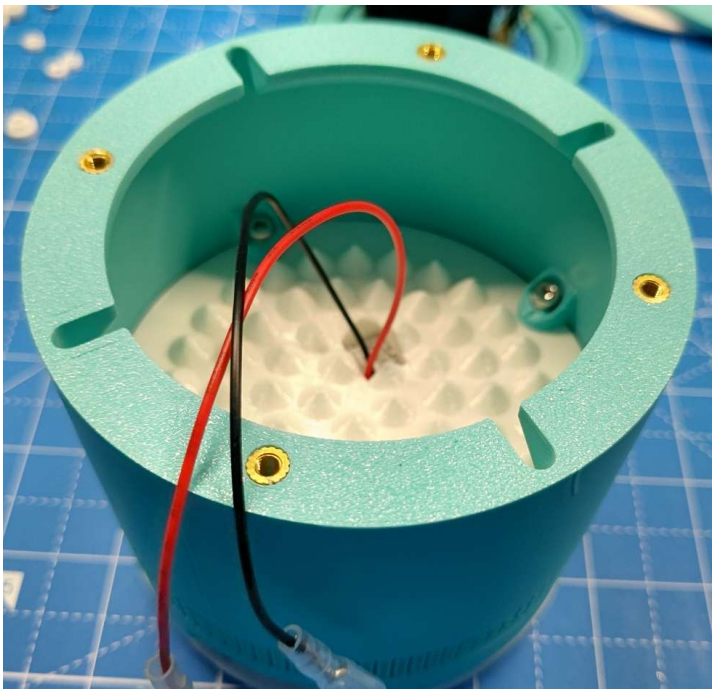
Chamber Base



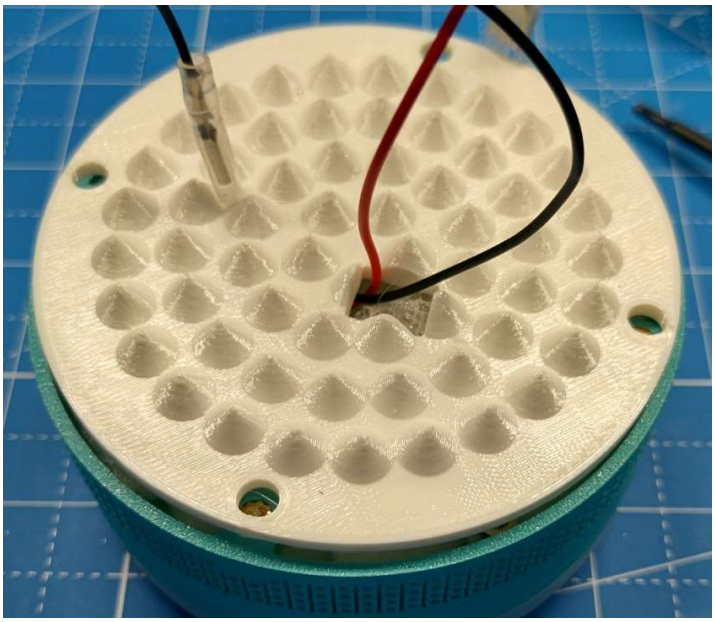
Air Chamber 4 HS



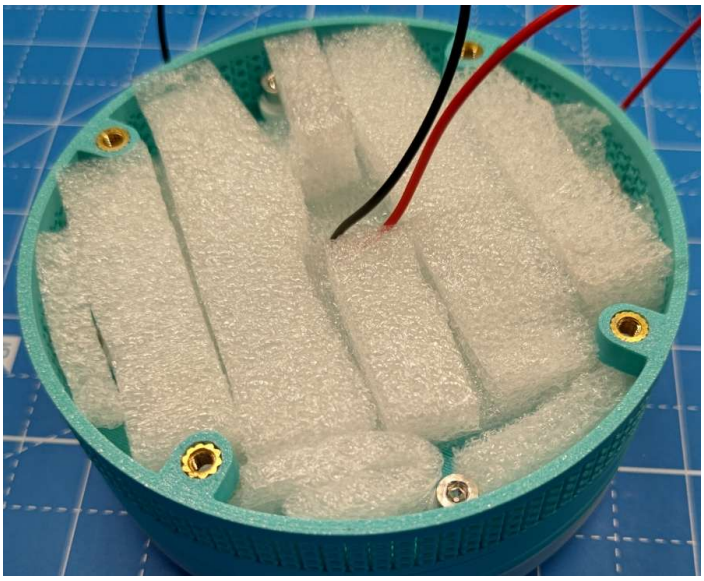
Chamber Body



Top TPU Buffer / Top TPU Buffer Dome

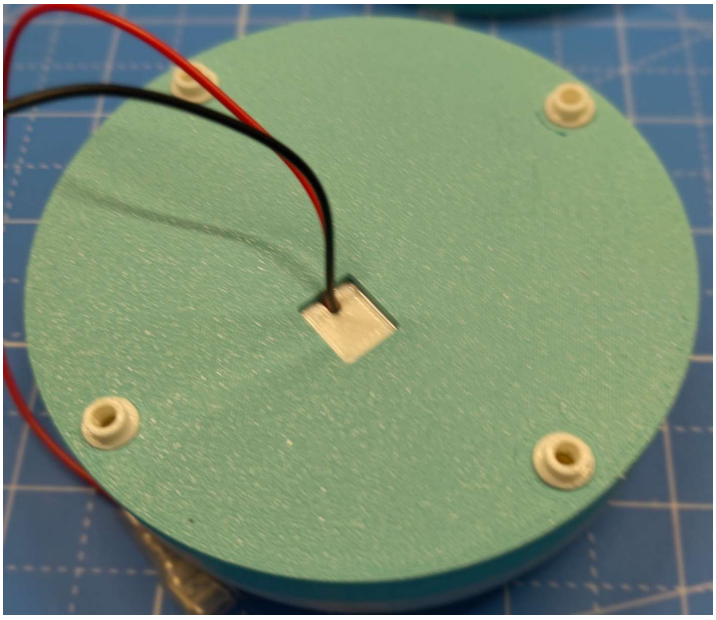


Foam (used scrapes)

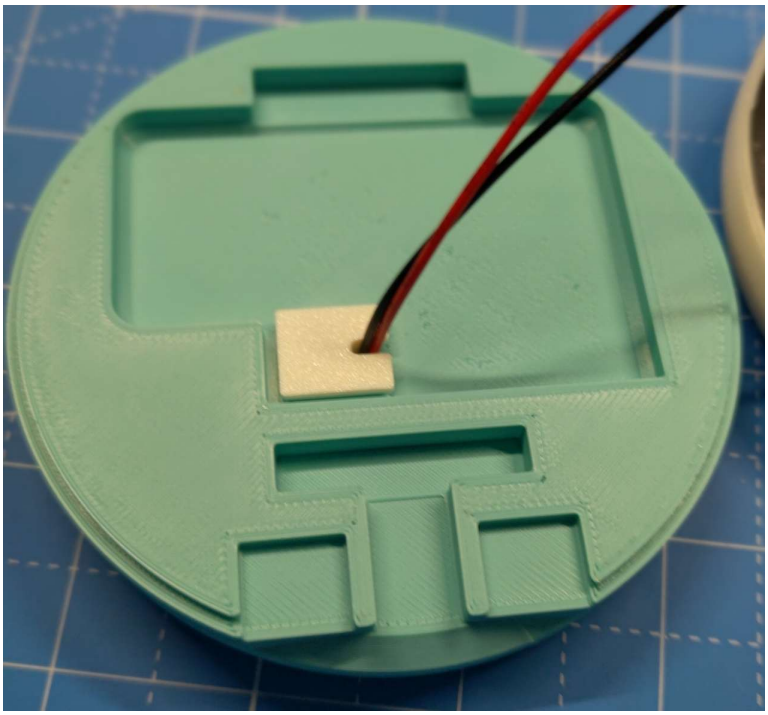


Air Chamber 4 HS (no shown – repeated)

Chamber Top with Grommet



Chamber Top with Wire Cap (TPU)



Notes

In one chat we had a suspended top that was brought up. So, I decided to use TPU and an Air Chamber with foam to see if that would isolate the sound from the speaker. I still used the TPU Buffer. I thought that adding an additional Air Chamber at the bottom of the Chamber Body would help the sound waves escape. The other enclosure parts are like the originals with a few modifications.

One goal was to limit the amount of support required. The heated inserts may not be the best idea, but they work well. These parts are not screwed together tightly. Just enough to hold everything together. TPU grommets were used to give the ridged plastic parts some flexibility.

I am not happy with the Bambu Lab TPU for AMS. It's too hard compared to regular TPU. I had my two printers busy and did not want to deal with manually printing TPU. It can be a PIA.

Ask a way with any questions. I figure you may have a few.