Subject: DIY JBL 2226H + DE250 Based Speaker
Posted by dkalsi on Wed, 29 Apr 2020 16:21:42 GMT
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I have a pair of JBL 2226H at home along with a pair of B&C DE250.

I also have plenty of crossover parts on hand. The only thing I need to make a 4pi speakers is the waveguide.

BUT - I already have a pair of 4Pi speakers and wanted to experiment with something different.

I have a pair of QSC HPR152i clones. They are 14"x10" horns.

Any thoughts of whether I can make this combination work? I don't want to start making sawdust if there some obvious signs that it can't work.

Specifically, I am concerned about center-to-center distance between the CD+Horn and the Woofer. I've read before that the CtC distance should not exceed the crossover frequency. I'm curious about what the crossover frequency is for the 4pi speakers.

The closest I can get the center to center distance is possible...possibly...12 inches, and that's with overlapping the horn and rear mounting the woofer.

Doable? Thoughts?