Subject: Re: Am I in the Right Place?
Posted by hazmoment on Thu, 06 Apr 2023 22:33:49 GMT
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I checked the JBL 2226 Datasheet and they recommend a 4cu ft enclosure tuned to 40Hz for a single one of these drivers. Any advantage to go either side of that, size wise? you mentioned between 2ft and 5ft. Size is not a problem-
I can go as big as I have to because space isn't a problem. But what would be the pro's and con's of going for a 5ft?
Where should I begin on the design of this enclosure. How can I "tune" the enclosure? Is it by correctly designing and implementing the Port(s)? I have downloaded WinISD, but not exactly sure what Im doing with it. I do operate a CNC machine here so I was thinking to make a nice flared port to compliment the matching Horns I previously posted.
Im thinking HPL or Birch Ply for the build. But dont want to waste my time and money on a build that isnt correctly designed. I have been trauling the web for some time now, but so many different designs, drivers, concepts, ideas, I have lost track of what the main objective is for building a box.
You say I should avoid standing waves. I presume WinISD would show this if there are certain peaks in simulated frequency response when modelling? If so, how am I avoiding them? just changing the size? or adding damping materials?