Subject: Am I in the Right Place?
Posted by hazmoment on Mon, 03 Apr 2023 07:13:05 GMT
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Hi. So I have recently built a pair of Dual Planar Front Horns which I purchased plans for from Joseph Crowe and CNC machined from Baltic Birch Plywood. They look fantastic and I'm very pleased. However, I am now looking to complete the project by building a bass cabinet for this 2-way design.

https://josephcrowe.com/blogs/news/e-250-dual-planar-front-horn

I was looking at the Eminence drivers previously but another opportunity has come up and it looks like I have acquired a pair of JBL 2226HPL drivers.

How would I know if these drivers would be suitable for a build like this, and how would I go about designing a suitable cabinet and cross over for the 2226HPL's?

I am fairly technically minded but speaker enclosures is a first for me as is crossover design!

I should mention that I build my own tube amplifiers. Specifically Ultra-Linear KT88 Single Ended approx 8-9Watts per channel which I want it to work well with so I think Im aiming for a very sensitive design but I do like music with lots of bass.
A consideration I had was to do as per the horn designers suggestion and try bi-amping with an active filter and with a solid state amp for the bass drivers, but I would much prefer a passive crossover and run it all from the tube amp!

Look forward to your suggestions!

Harry