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Subject: 4pi plans

Posted by [ckdf999](#) on Fri, 29 Oct 2010 11:11:11 GMT

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Hi Wayne,

would you mind sending me plans for the 4pi please?

I would like to build a set of these based on some Altec drivers that I have (bass would be either 416-8c or 515-16G) and the horns would be driven by 902-16B's.

Actually I tend towards using the 515 woofers as so far my experience is that while they don't go as low as the 416's they produce a wonderfully clean and structured bass.

I tried a Model 19 like setup with 811B horns. They have some very unique "character" but I think a Pi setup would be smoother and have more "air" due to the shorter and less resonant horn and likely has less beaming in the top octave.

Regards and thanks

Claus

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Subject: Re: 4pi information

Posted by [Wayne Parham](#) on Fri, 29 Oct 2010 13:49:09 GMT

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available for it, but none are Altecs. However, there have been lots of specialized designs, mods crossover. The Altec 515G is, actually, one of the sort of "unauthorized favorite" drop-in replacement midwoofers.

to dial-in the specific drivers. I don't do much of that anymore because I spent so much time optimizing the existing designs. They're really much better than a generic modular approach will allow, so in order to leverage my investment in R&D, I encourage people to stick to the plans. They are pretty highly optimized, so performance is very good. This is a fairly time-intensive process, so I have begun to gently nudge people to stick with existing plans using their recommended drivers, taking advantage of the design efforts I've already done.

approach that the crossover I've developed allows. The link above shows more about that process.

Posts in the ART archives about Altec drivers

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Subject: Re: 4pi information  
Posted by [ckdf999](#) on Fri, 29 Oct 2010 14:46:04 GMT  
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Thanks a lot Wayne for your kind hints and notes.

Understand your approach and appreciate all your work!

Regards

Claus

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