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Subject: 4 pi & 7 Pi plans

Posted by [guppy](#) on Wed, 27 Apr 2011 20:03:18 GMT

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Could I get plans for the 4&7 Pi? I want to look at the crossover info and horns. Is it posted somewhere? Thanks, Sam.

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Subject: Re: 4 pi & 7 Pi plans

Posted by [Wayne Parham](#) on Wed, 27 Apr 2011 20:48:44 GMT

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Please decide which model you prefer and let me know, I'll send plans right away. Here is some information on the design philosophies which should help you decide which model is right for you: High-Fidelity Uniform-Directivity Loudspeakers

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Subject: Re: 4 pi & 7 Pi plans

Posted by [guppy](#) on Wed, 27 Apr 2011 21:59:32 GMT

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I really would like to see both. I currently am running a dyi with jbl 2226h, 2426j, 2344a, 2404h and TC lmsr subs. I am considering adding 2123h and/or possibly changing waveguides. I'm assuming with a change to 8 ohm diaphragms on the 2426 the networks should be close.

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Subject: Re: 4 pi & 7 Pi plans

Posted by [Wayne Parham](#) on Wed, 27 Apr 2011 23:24:49 GMT

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Photos of both kinds of speakers are shown in the document in my last post. It also shows you how they should be setup in the room. Perhaps I can help you decide which model would be better for you.

Do you have corners that would be suitable for constant directivity cornerhorns? If so, I'd suggest configuration can touch - namely constant directivity across the full audio bandwidth and freedom from self-interference from boundary reflections. Those are significant advantages.

The problem is, of course, that not every room has the right layout for constant directivity cornerhorns. In fact, I'd say probably most rooms don't. In that case, go with the

advantages, and with proper setup, you can get them to be almost as good.

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Subject: Re: 4 pi & 7 Pi plans  
Posted by [guppy](#) on Thu, 28 Apr 2011 03:11:15 GMT  
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If I must choose make it the 4 pi. Thanks

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Subject: Re: 4 pi & 7 Pi plans  
Posted by [Wayne Parham](#) on Thu, 28 Apr 2011 03:50:13 GMT  
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