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Subject: 3 or 4pi for HT LCR and flat-packs?

Posted by [chris.berryman](#) on Tue, 10 Jan 2012 00:25:38 GMT

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Good afternoon,

Wayne, I wanted to say up front that I appreciate all the work you've done in making these designs available and I look forward to being able to build them in the near future.

For use in a home theater as left,right and center would you suggest the 3 or 4 pi speakers? Unless advised otherwise I would be using the standard 80hz crossover.

I see on your website that the flat-pack of the 12pi is an option for purchase, do you offer 3 or 4 pi flat-packs?

I would also like to ask for the plan for these speakers.

Thanks in advance for your time,  
Chris

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Subject: Re: 3 or 4pi for HT LCR and flat-packs?

Posted by [Wayne Parham](#) on Tue, 10 Jan 2012 01:41:50 GMT

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I'll send plans but first decide which model you prefer. There are some threads here that discuss the differences, so look through them, decide which model you want, and let me know. I'll send plans right out.

shipping costs. But the rest of the line use simple cabinets, just a box with some holes cut in it. They're simple enough any competent cabinet shop and even many lumber yards can make the cust for a nominal fee. So it's cheaper to buy locally than to pay shipping for what would be large and heavy flat pack kits.

As for crossover, I do not suggest that high-pass be used for the mains, just low-pass the subs. This is different than what you would do for prosound, but the reason is we we're wanting multiple bass sound sources for modal smoothing. More information here:

Room modes, multisubs and flanking subs

High-Fidelity Uniform-Directivity Loudspeakers

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Subject: Re: 3 or 4pi for HT LCR and flat-packs?

Posted by [chris.berryman](#) on Tue, 10 Jan 2012 02:02:34 GMT

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Thanks for your quick response.

I think I'll go with the 4 pi using the upgraded drivers. Is the crossover an item you stock or is there a build time associated with an order?

Thanks, Chris

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Subject: Re: 3 or 4pi for HT LCR and flat-packs?

Posted by [Wayne Parham](#) on Tue, 10 Jan 2012 03:17:13 GMT

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We have some crossovers on the shelf. Others we build at the time of the order. We do stock all the items to build the crossovers, so even if we have to build them, it only takes a week or ten days. We usually have the crossovers done in a day or two, actually, but the silicon adhesive we use to mount and cushion the coil needs a week to ten days to cure.

The problem right now is the woofers. Obtaining new JBL 2226 woofers has become a real slow process. Supply has just plain dried up. I used to be able to count on replenishments to arrive in days. Worst case would be a week or two. But the last couple of months deliveries have stopped, and I've been waiting on replenishments literally for months now. So one should expect lead times on the order of three to six months.

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Subject: Re: 3 or 4pi for HT LCR and flat-packs?

Posted by [rkeman](#) on Tue, 10 Jan 2012 12:47:09 GMT

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Supply has become an issue on many mechanical and electrical parts in the past few years. With so much industrial production moving out of the country, once common items have become difficult or impossible to obtain. Quality has also drifted down significantly in many areas. JBL shuttered production of its Northridge California facility shifting the work to Mexico and the current driver shortage likely stems from this. Just as importantly, many of the components used in a loudspeaker driver are only made in China and that supply line has become increasingly tenuous. Making America a place to build the things the world needs and wants really should be a priority for our society in the coming years.

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