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Subject: Re: 4 Pi crossover questions

Posted by [Wayne Parham](#) on Thu, 17 Sep 2009 02:24:21 GMT

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about 5° going from 10uF to 20uF in this position. I didn't discover that immediately, but found it after some experimentation. The difference is very subtle, inaudible really, but measurements show it to be the better choice, if vertical symmetry is desired.

You actually could steer the pattern by choosing the proper value for C4, if you wanted. Speakers mounted high on walls would probably be better with a 20uF capacitor in that position, speakers nearer to the ground would be better with a 10uF cap. Both are pretty good choices, actually, since the nulls are separated pretty widely but for most cases, I think the 10uF value is probably better.