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Subject: Re: Johnny5's four Pi build

Posted by [Wayne Parham](#) on Wed, 08 Jul 2015 13:47:43 GMT

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If you have two good corners, I'd suggest building constant directivity cornerhorns to take advantage of them. They are designed for that placement, and maintain acoustic proximity to the boundaries appropriate for the wavelengths involved. The bass bin and mid horn both work to achieve this goal.

Otherwise, use flanking subs to mitigate the anomalies that invariably arise from placement near boundaries. That's the next best thing, because you cannot get any other kind of speaker acoustically close to the boundaries, and most times, you can't get them far enough away either. So the use of DI-matched waveguide mains with flanking subs are the best option.