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Subject: Re: A fact

Posted by [Wayne Parham](#) on Thu, 22 Dec 2005 14:38:57 GMT

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One good solution for making a wider coverage angle is to splay two axisymmetric horns.

Another solution is to use a radial horn of similar dimensions. I like DI matched two-way speakers because they provide good performance in a relatively small package. But I also like the idea of using room corners, which constrains the radiation angle. The speakers need only be designed to

directional control at lower frequencies from a relatively small horn. DI is set at 9dB, and is that at 500Hz and below. The only requirement is that the horns be designed with a 90° flare angle and

extensions, effectively forming a very large CD horn.

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