Subject: Re: Favorite flavors
Posted by Wayne Parham on Sun, 23 Jan 2005 19:12:55 GMT
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I like systems that match directivity at the crossover point as you've described. It's an elegant way to address the problem. But an even better solution, in my opinion, is to use the corner as a large CD horn. You're right that there is a transition frequency where the sound source becomes too far away from the apex of the corner for it to act as a horn. But you crossover to another horn by that point, and pattern control is determined by its flare. There is no reason to use a tweeter horn loaded from the corner's apex since the tweeter's flare sets its directivity at high frequencies.