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Subject: Re: Polar, not bears.

Posted by [Zene Gillette](#) on Thu, 28 Jun 2007 22:35:42 GMT

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Thanks, will read. Am I looking for -3dB or -6dB points? I was thinking of a goal of 120deg at -3dB down. In other words crossing a given size speaker just as it starts to go non-directional. Realism may enter here. I want to experiment with fairly large speakers (either horns or direct radiators primarily in OB's) that are cut-off lower on the top end to gain as much wide angle response as I can. And of course matching the higher frequencies polar patterns as they will beam more. It could easily become a 5 way system, but with a full two octaves each and a steep crossover (active 4001 Ashly) I think it could be done. I believe this will give me the BIG sound I am looking for. Overall quality, who knows? Zene

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