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Subject: Re: It depends...

Posted by [akhilesh](#) on Wed, 31 Jan 2007 13:12:29 GMT

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3. The steeper the crossover slope, the closer you can sit. HI Duke, Intuitively, I would have thought the less the slope the closer you can sit, since the sound will be more "blended between the 2 drivers, whereas, if the slope is steeper, the sound is "more obviously split" between the 2 drivers. So, given constant spacing in both cases, if case 1 has a woofer & mid crossed at 500 Hz (say) with a 12 db slope, the sound may blend in better than case 2, where the slope may be 24 db. I say this in the context of the Altec VOTT setup...do you think making the slope steeper between the dome & the horn makes the sound more coherent or less, at smaller listening distances? BTW, I use a 24 db slope in my system, and cross it at 1500hz, but I know the traditional passive Altec Xover uses 12 db & crossed at 800 Hz. -akhilesh

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