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Subject: Listening distance

Posted by [slinco](#) on Tue, 05 Sep 2006 19:04:07 GMT

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Hi guy's. Lot's of great information here, I'm glad I found this forum. I've become confused about something to do with line arrays that maybe you can help me with. I've been reading up on Bohlender Graebener's RD series long ribbon drivers, thinking they might make an excellent mid/tweet driver for an array, or at least a nice wide range midrange driver. The thing I'm wondering about is information BG publishes about the RD series long ribbons that gives "minimum recommended listening distance" - the Rd75 (75 inch ribbon) is 15 feet, the RD50 (50 inch ribbon) is 10 feet. What they say is if you sit closer than these recommendations you'll get reduced high frequency response. The longer the ribbon, the farther you should sit from it. Seems odd. I've read Jim Griffon's paper a few times and see nothing relating to this type of phenomenon. He mentions not being too close, but for the reason of letting individual tweeters with gaps between them blend together. With a BG style single continuous ribbon that's obviously not a problem. Am I missing something? Anybody have any thoughts on this? I sit fairly close (8 or 9 feet) due to room constraints, so this type of thing is a concern to me.

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