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Subject: Re: Basshorns - Pro and Con

Posted by [Earl Geddes](#) on Fri, 14 Jan 2005 19:44:19 GMT

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Of course they are not all in the same location. That would be the same thing as having one speaker 5 times bigger. No they are placed around the room. There is a lot of discussion about "where" to place them, but my opinion is that placement is not critical. Regarding cancellation, look at it as a problem in probability, which is what it really is. What is the probability that I will have five vectors - each source's magnitude and phase - that add up to zero? It's just about nil - doesn't happen. With two sources, it is highly likely to happen at some frequency and with one source it is guaranteed to happen when the source is at a node. But with five sources, it virtually can't happen. That's really the point. The five sources will always have a smoother average than any lesser number. It's simple statistics.

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