
Subject: Re: Thoughts on ceiling treatments w/ line arrays?
Posted by [Wayne Parham](#) on Sat, 17 Mar 2007 15:34:41 GMT
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Even at very low frequencies where the line becomes a point source, there is still response

the response at that frequency. The same kind of thing happens to reflected modes coming from the floor and ceiling, although the distances will be greater since the floor and ceiling are spaced away from the line. This makes the frequencies lower where the averaging modes occur. A 5 foot line acts like a point source below 56Hz since every driver is 5 feet apart or less. But reflections may be greater than this distance. Still, the number of drivers tends to average the field, in the same way the 112Hz mode from the two most distant drivers are averaged by the drivers in between.
