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Subject: 3dB per octave dropoff?

Posted by [Stephen Erickson](#) on Wed, 14 Dec 2005 00:24:07 GMT

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I've been re-reading the nflawp. One topic that isn't covered with very much detail is the 3dB per octave response drop for monopole arrays. And the few online NFLA projects I've read don't mention it, either, nor mention any heroic efforts to compensate via EQ. So here is a question: Are there mitigating circumstances that make this not so important? (For argument sake consider a situation where 2-meter stereo line arrays were placed directly against a large wall, for example the wide wall in a normal-sized living room or such, so we are talking about pretty much the whole room being near-field for the "crucial" frequencies.)

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Subject: Re: 3dB per octave dropoff?

Posted by [Bill Fitzmaurice](#) on Fri, 16 Dec 2005 14:45:44 GMT

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That pretty much sums it up, in average rooms the nearfield versus farfield condition is of little consequence, especially when room reflections are factored in. It's a very different story in pro-sound applications in large venues, there the nearfield condition is quite beneficial in reducing power requirements.

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