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Subject: Re: Distortion mechanisms

Posted by [Earl Geddes](#) on Thu, 24 Feb 2005 01:17:40 GMT

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I think that I must disagree with the comment about omni directional versus directional - that they are just two different approaches. This is not correct. In an anechoic chamber, yes, they are both the same with the listener receiving only the direct sound. But in a normal room with reverberation they are dramatically different. The omni has no reflection free time lag after the direct sound while the directional speaker does - if properly aimed. This is not a small effect either, it is almost dominant to imaging and coloration. So, no, I don't agree with your comment.

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