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Subject: Re: Advantages of getting a 3D speaker  
Posted by [Wayne Parham](#) on Thu, 25 Feb 2010 02:24:49 GMT  
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If what you want is loudspeakers that create a very good illusion that sound sources seem to be coming from places matching what you're seeing on the screen, then I would suggest studying the topics of constant directivity, uniform reverberent field, Haas effect, localization and the concept of balancing the stereo image using sound sources with constant directivity aimed to cross in front of the listening area. This orientation obviates a center channel for all but the largest of screens. I would still recommend surrounds for home theater, of course, but the stereo imaging of a pair of properly setup constant directivity speakers is spooky good.

AudioRoundTable.com search results:Constant Directivity  
Uniform Reverberent Field  
Haas Effect  
Localization  
Imaging, placement and orientation

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