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Subject: Line Arrays Arent New ... ADS 2030 ??  
Posted by [Ka7niq](#) on Wed, 15 Dec 2004 20:48:50 GMT  
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I had a pair of ADS L 2030 Monsters back in late 70's, early 80's. Designed as Telarc monitors for Jack Renner. They used 6 midrange domes in a "weighted line", and a point source tweeter w/ samarium cobalt magnet. They simply fed more power to one or more of the domes.

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Subject: Re: Line Arrays Arent New  
Posted by [Jim Griffin](#) on Thu, 16 Dec 2004 01:18:24 GMT  
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Harry Olson presented the theory of line sources (arrays) in his classic book in 1957. Other references predate his tome. More recent work by researchers from JBL and especially L'Acoustics have significantly improved our understanding of how to apply them. Most of the work has been applied to pro sound applications. Most concerts and fixed venues these days use line arrays.

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Subject: l-acoustics  
Posted by [lcholke](#) on Thu, 16 Dec 2004 18:16:43 GMT  
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Great papers on the l-acoustics website. Lots of math though.-Linc  
<http://www.l-acoustics-us.com/products/frame.html>

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Subject: Re: Line Arrays Arent New  
Posted by [Ka7niq](#) on Thu, 16 Dec 2004 20:44:04 GMT  
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And one must include the distinguished gentelman from Tennessee, Jim !Must be something in the "biscuits and gravy", or that yummy Country Ham ?

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Subject: Re: Line Arrays Arent New  
Posted by [Jim Griffin](#) on Thu, 16 Dec 2004 21:18:33 GMT

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You are too kind. The real heros are those researchers from L'Acoustics, JBL, and elsewhere who have pushed the state of the art in line arrays over the past decade. Jim

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Subject: L'Acoustics AES papers  
Posted by [lcholke](#) on Fri, 17 Dec 2004 01:21:50 GMT  
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L'Acoustics has 4 AES papers on their website. 3 of them are on linearray wave front formation.-Linc  
<http://www.l-acoustics-us.com/products/frame.html>

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Subject: Re: L'Acoustics AES papers  
Posted by [Jim Griffin](#) on Fri, 17 Dec 2004 02:14:45 GMT  
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The best L'Acoustics reference is their October 2003 AES paper which summarizes their WST work over the last 14 years. It is very readable and should give you a good feel for work. Go to the link below and click on the title to download. Jim  
Wavefront Sculpture Technology, October 2003

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