
Subject: **bessel arrays?**

Posted by [adavis464](#) on Tue, 06 Jul 2004 10:28:17 GMT

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what are the advantages over a series parallel line source.I had come across about 200 radio shack 40-1197(NO MORE ARE FOR SALE THIS IS NOT A SALES PITCH).I have about 75 leftwhat would be the best use and the best efficency for 2 channel.What about a open baffle line array.would the baffles be big.would they integrate well as a midrange for ahorn loaded system lets say 100 HZ to 10K.

Subject: **Re: bessel arrays?**

Posted by [Jim Griffin](#) on Tue, 06 Jul 2004 11:51:34 GMT

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I favor near field line arrays as I detail in my white paper on this subject. Depending on the number of drivers that you array, you can achieve 10 dB or more additional sensitivity. You will likely need a line of tweeters to handle the highs as the 40-1197 shouldn't be used much above about 4000 Hz because of comb lining. The Bessel array thought is a non-starter in my opinion as it is far field effect and likely not compatible with usage in a normal listening room. Bessel arrays have little to offer.Jim

Near Field Line Array White Paper