Subject: Fullrange line array?????
Posted by Norris Wilson on Tue, 03 Apr 2007 15:08:07 GMT
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I found a post over at another forum that brought these fullrange line array's up.Since I know very little about the physics of what makes up a line array other than reading Jim Griffins white paper. I thought I would post this here in hopes of encouraging a discussion of possible problems, and magical physics behind this no crossover design that make them work.NW

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=260102821409&ssPageName=ADME:B:FSEL:US:1

Subject: Re: Fullrange line array?????
Posted by Marlboro on Tue, 03 Apr 2007 19:36:49 GMT
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There aren't any specs on these: no speaker info, no crossover info etc. There are not enough speakers there to even be a real line array.Clearly the builder knows nothing of the Griffin work. Where can we get more data for a discussion?Why is it called a full range line array? Are other line arrays not full range? Mine is!Marlboro

Subject: Re: Fullrange line array?????
Posted by Norris Wilson on Tue, 03 Apr 2007 20:11:35 GMT
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Marlboro,I agree with your comments. I for one was scratching my head when I saw that there was no crossover or electrical EQ used in this design to deal with lobing errors and high frequency cancellation. I can only ASSume that the term fullrange is coined from the driver manufacturers description of the drivers being used.I would hope someone in the technical know could critique this design based on experience. Like how it could be feasible to mechanically design some type of EQ into this speaker to deal with some of the physical properties of multiple stacked drivers.Or, is there a real deficiency to be expected in the high frequency region due to lobing cancelations? The frequency response is given of 40Hz to 50kHz, hmm.The lack of a crossover would be ideal if the physics could be dealt with properly.Any comments, observations?The comment that was made by the seller / designer not to call him for information unless you are serious about laying down the doe, is not reassuring. Obviously there are no real measurements to back up his claims. The thirdy day gaurantee is reasonable, but may not be enough to get people to buy. Most people want to have a good idea of what they are getting before they shell out $3,000.The lack of a way to audition such niche' products have always made it tough on the consumer, and small manufacturer alike.All I can say is, there are some interesting design goals in this speaker.Is

it a free luch affair?Maybe we could get him to bring a pair to LSAF and show the potential customers what they sound like.NW

Subject: Re: Fullrange line array?????
Posted by Anonymous on Tue, 03 Apr 2007 21:25:36 GMT
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$3000 asking price. With that budget you can make a better one if you have basic speaker building skills.
