Subject: Re: Ultimate Line Array ($?)
Posted by Anonymous on Mon, 10 Jul 2006 15:53:09 GMT
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>>Multiple DEQX or whateveryes, or whatever >>Pass ampsyes, but there are more affordable choices that won't affectperformance.>>or possibly wire all the drivers up in series and build OTL tube>>amps for the mids and tweets. I don't consider this 'ultimate', I see it as counterproductive.>>Jordan JXr 6HDYes, but there are better line array designs that using 2" drivers.>>I think the dipole guys are onto somethingPersonal preference design. Coke or Pepsi ?>>Tweets - I don't think this is quite as important as the rest The tweeters will be the heart and soul of your sound system,this is where you need to focus on.>>TC Sounds 12" aluminum woofers [40hz to 300hz]That would be pretty good, not ultimate though. If you wantideas, email me.>>Aurasound 18syes.This is the easier part, building a monster subwoofer. Manywoofer candidates that can do this job well.>> I will listen with these speakers roughly 9-10 feet apart and>>9-12 feet from the listening chairI would make a tall array, not shorcuts in spite of a short listening distance.>>So I think I only need four Fountek NeoCD 2.0 ribbons in each>>speaker, again running 6kHz on up.Regardless of the design you choose, four tweeters is a compromise,do a full blown array with mids and tweeters.>>Still waiting for someone to convince me that the Jordan JXr 6HD>>is not the ultimate starting point Building any loudspeaker begins with quality tweeters. Great midranges mated to 'ok' tweeters never sound good. On the otherhand, quality tweeters with 'ok' midranges can be made to soundmuch better. You need to focus on the tweeters and then the midrangequest is so easy. I can tell you right now that finding exceptionaltweeters is a more difficult task as the market has very few to choose from if you want to make a line array but the market issaturated with quality midranges or midwoofers that can easily dothe task.Stay away from this type of design, you can do better DIY style.http://www.mcintoshlabs.com/mcprod/shopdisplayproducts.asp?id=20&cat=Loudspeaker+Systems&prodid=1114&product=XRT2K>>I would go active between the woofer and mids, and passive between>>mids and tweets.Go 100% active, don't waste your time with passive crossovers.>>go Pass DIY for the ampsThose DIY amps are low powered, low headroom. An array deservesmore power and headroom if you want to exploit it's potential,otherwise you will be just an average Joe with a good system,but not ultimate system.