Subject: Line Arrays At CES
Posted by FredT on Sat, 13 Jan 2007 10:42:55 GMT
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I was looking at Stereophile's online CES show coverage and saw a couple of line array speakers that raise questions in my mind.The first is the $21K Copernicus II, a line array with powered subwoofers and digital equalization. The unique feature of this array is the fact that it's baffle is concave to focus the sound more directly toward the listener's (notice I used the singular noun here) ears, and it has an electric elevator to adjust it to the right height. The question is whether the advantages of a concave array outweigh the disadvantages.http://blog.stereophile.com/ces2007/011107copernicus/The second unusual design is Gallo Acoustics $15K 5LS, which incorporates a 7' tall array of alternating woofers and tweeters. Gallo claims that alternating the two types of drivers eliminates the phase and dispersion problems encountered by other line source designs. I was under the impression that comb filtering is minimized by placing the woofers and tweeters as close as possible to each other in the vertical aray, not be separating them. http://blog.stereophile.com/ces2007/011207shin/