Subject: near field chaos
Posted by Ralph on Sun, 19 Sep 2004 22:11:08 GMT
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There was some talk earlier about the near field being chaotic from an array. How is this different than breakup modes from a fullrange speaker? From what I am told there are some designs that use this on purpose, like with whizzer cones and dual surrounds. The Manger uses different areas for different frequencies on purpose, as does the Altec BiFlex. Arrays use different speakers, Mangers and BiFlex's used different areas on the same speaker cone. I'd like to hear from the experts on this. What do we gain? What do we lose?Ralph

Subject: Re: near field chaos
Posted by Steve Aragon on Thu, 30 Sep 2004 11:40:04 GMT
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I'm no expert, but I'd say that different radiating planes would act pretty much the same, whether on asingle membrane or on several different ones. My guess is that single membrane allows closer placementof radiating areas but multiple drivers allows more electromagnetic strength.Steve