Subject: Re: So you are saying
Posted by Earl Geddes on Mon, 28 Feb 2005 14:49:34 GMT
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I think that you said that backwards. The directivity of cones and pistons goes UP as frequency increases. But, yes, you are corect that pistons do make good sources at low to mid frequencies which is exactly how I use use. I let the directivity of a large piston narrow until it reaches the same coverage as the waveguide and then I cross it over to the waveguide. This gives me a smooth polar response transition from very low to very high frequencies.I am not aware of any work that Floyd did saying the omni-speakers are prefered. That would not agree with JBL's trend to make their loudspeakers directional. In their extreme high end system they basically do the same thing that I do. Only thiers cost ten times as much!