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Subject: Re: Questions on Midrange Drivers  
Posted by [GarMan](#) on Tue, 13 Apr 2004 16:46:12 GMT  
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Thanks for the detailed explanation, Adrian. At this time, I'm at the "research" stage for a 3-way and yes, I am considering using the Alpha 6 as a direct radiator. I'm looking for a midrange that'll take me from 100Hz up to 3KHz to 4KHz. The response graph of the Alpha looks great and I was wondering how it would sound. According to the graph, it's putting out close to 100dB with 1 watt, so I never even considered horn loading it. In terms of "sound", I'm interested to know how smooth it is past the 1.5 KHz mark, whether it breaks up into a cardboardy sound. I noticed that the Alpha 10 in my 2 PI Towers sound a lot better after I crossed it at 1.6KHz with a PSD2002, rather than let it run into 4KHz. About power handling, I've noticed that within a product line, the smaller drivers tend to have 3 - 6 more dB's in sensitivity than the larger driver. Same SPL at 50% or 25% of the power required for the larger drivers, meaning power handling becomes less of an issue. Like I said, just research for now, so there'll be more questions to come. Gar.

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