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Subject: Re: New sale price on a Vifa 3.5 incher  
Posted by [selahaudio](#) on Mon, 28 Sep 2009 20:38:32 GMT  
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darkmoebius2 wrote on Mon, 28 September 2009 14:49Rick, I have noticed that this is probably the first BIG challenge of designing(or even understanding the design of) 2-way arrays.

I have been doing a lot of late night research of 3"-4" widerange mid drivers and it seems that those few that go low enough to provide smooth transition to a sub tend to fall short on the upper transition to ribbons/tweeters. Either they become excessively ragged or just cannot go that high.

Conversely, if there are ones which go high enough to provide a nice transition to tweeters, they drop off too early to work smoothly with a subwoofer.

Interesting challenge to the dynamic benefits of small widerange mid drivers

There are drivers available that will work great with the various tweeters that I've mentioned. What's your budget? How many woofers? Crossover point to the sub?

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