Subject: Re: Wayne, check this out...
Posted by Adam on Wed, 08 May 2002 09:16:47 GMT
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I looked at the JBL 2012 and it looks pretty good, but I'm concerned about the response on a steady climb as it goes to 2 kHz, then some major breakup modes just above that.This particular system is not a case where a 2-way is good, in this config anyway. With your designs, the horn only increases effeciency by 3 db, which lays in perfectly with the rising response of a lot of these woofers. My goal in horn loading the midranges is purely as an effeciency increasing device and will increase the sensitivity by around 10-12 decibels. This means that direct radiating cannot be utilized in a positive fashion because it will be considerably less amplified than the loaded bandwidth.Anyway, I'll keep the ideas swishing around, I'm open to new concepts, however I'd like to avoid direct radiating 2-way systems.Thanks for the input!Adam