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Subject: Re: Really Front-Loaded

Posted by [GM](#) on Sat, 16 Sep 2006 19:15:34 GMT

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Greetings! You're welcome! No, it means a lower HF corner (IOW less BW for a given  $F_c$ ), less acoustic power, ergo lower throat distortion which can actually increase efficiency down around  $F_c$  because it's not being 'squeezed' hard. Choosing XO point/slopes is a balancing act of trade-offs of which the horn's mass corner can be one of them. Not being familiar with MSL-4 beyond its published data, its 800 Hz XO point doesn't seem all that low considering its 65 Hz  $F_4$ . Not sure what you mean by 'smoothing guide' since with a

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