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Subject: Alpha-8/APT-80 xover options

Posted by [tom](#) on Wed, 28 Dec 2005 00:06:00 GMT

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Hello, Using the FRC tools I have simulated the response for the Eminence Alpha-8 and APT-80 on a 10x20 baffle, and designed two crossovers: 1st/3rd order, and 2nd/2nd order. Although the frequency response is similar for both I was wondering if there is anybody here who can predict the difference in sound for both designs? Thx, Thomas

Xover A - 1st order low pass, 3rd order high pass: <http://www.one4ever.de/audio/xoverA.jpg> Frequency response for xover A: [http://www.one4ever.de/audio/xoverA\\_frd.jpg](http://www.one4ever.de/audio/xoverA_frd.jpg)

Xover B - 2nd order low pass butterworth, 2nd order high pass butterworth: <http://www.one4ever.de/audio/xoverB.jpg> Frequency response for xover B: [http://www.one4ever.de/audio/xoverB\\_frd.jpg](http://www.one4ever.de/audio/xoverB_frd.jpg)

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