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Subject: Re: Front horns

Posted by [roncla](#) on Mon, 23 Aug 2004 15:19:13 GMT

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There is loading on a FL horn ,but its not to the degree as a DL horn. Using a FR driver there will not be the same % of gain between the FL and the BL horn (dual horn). I am presently working on a dual (FL/BL) horn using the 206e driver. At first i was aiming for a 200 hz XO but after running numerous sims i can see that a 250 hz and greater XO will be more effective.Its a real balancing act as the filter chamber gets larger in a BL horn as well as the throat getting larger for a lower XO which means less loading which means less power before cone motion gets out of hand.I may even end up XO at around 300 hz which has the advantage of a smaller FL horn and better loading overall. I believe that two seperate drivers may be more effective (one a dedicated bass horn the other a FL 200 hz and greater).But the challenge of a single driver dual horn is hard to resist.ron

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