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Subject: Re: Push-Pull horns

Posted by [GM](#) on Fri, 27 Aug 2004 15:42:28 GMT

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>Extended HF down the back horn is OK.====If the 'XO' point is kept low enough, I agree, but I've experimented enough with BLs that above ~250Hz (some say as low as 100Hz) I find the comb filtering unacceptable, so as always YMMV.==== >The back horn throat chamber (LP acoustic filter)is best eliminated - this removes the nasty looking peaks (phase inversions?) shown by HornResponse - which even if well down, must surely be heard full level from the front.====Hmm, if you design the horn properly, the filter doesn't cause this due to the first section of the horn damping it. I assume that either by design/experimentation/blind luck yours works due to having the ~correct first section that is in effect the LP filter.GM

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