
Subject: Delta 12LF alignments

Posted by [Wayne Parham](#) on Fri, 26 Aug 2005 17:41:15 GMT

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That sounds good, but I'd definitely run it vented. A Delta 12LF in a 2.0ft³ bass-reflex box tuned to 40Hz has f₃ of 48Hz and f₁₀ of 33Hz and the response curve is nice and flat. You can make it slightly overdamped if the room conditions merit it by tuning slightly lower, which gives rolloff slope similar to that of a sealed box. For example, tuning to 38Hz gives f₃ of 50Hz and f₁₀ of 32Hz, tuning to 35Hz gives f₃ of 55Hz and f₁₀ of 31Hz and tuning to 30Hz gives f₃ of 60Hz and f₁₀ of 30Hz. A Delta 12LF in a 2.0ft³ sealed cabinet is OK too, but f₃ is 80Hz and f₁₀ is 40Hz.
