Subject: Need help with a center channel
Posted by Forty2wo on Fri, 15 Dec 2006 22:21:36 GMT
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It has been a very long time since I designed a speaker. I vaguely remember punching the Thiele-Small numbers, one by one into a TI calculator, but it' all very foggy. What I want to do, is build a center channel speaker for the home theater setup I am working on. For the mains I am using a pair of Bottlehead Straight 8's. I have 4, 5" drivers, the MCM 55-1870, the same used in the 8's. I plan to run 4 or maybe just 2, if it makes more sense, full range. The Fs= 54, Vas 10.04 L, & Qts= .401The max box size I can use works out be about 1.95 cubic feet. (52.5 Lt.) , a bit smaller would be better but hey, we do what we gotta do… So, My questions to O yee speaker gurus are. Can you recommend a simple box program to use, I have not kept up. How do I model an array as a single driver?Do you think I should be modeling for a vented or sealed box, I bet if I knew the answer to 1 and 2 I could answer this myselfThanks in advance…John