Subject: Recommendations for Fostex FE206E driver
Posted by akhilesh on Tue, 06 Jan 2004 20:13:51 GMT
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Hi Jim,I did some basic calcucations for this driver. IMHO, you should not do the big cabinet (2.5 ft^3). Based on my calculations, if you build a 1 cubic foot box (leave about 20% for carpet & braces) so build a box with a volume of 1.25 cubic feet, and have a vent in it of diameter 2.25 inches, with no port tubes needed, you will get MUCH better lower midrange. In the bigger box, the lower midrange will get eaten up, and you WILL hear a one note samba on the low end. Use 3/4 inch birch ply or MDF. You should get -3db at 60 Hz. You are NOT going to do any better with this driver, unless you are prepared to:a)  listen to the one note samba & the lower mifrange suckoutb) Build a horn cabinet as ercommended by Fostex. IN that case you may get response down to whatever. If you do do the bass reflex, just get a suitable subwoofer if the bass bothers you.Hope this helps.  -akhilesh