
Subject: Re: JBL E155-4

Posted by [Wayne_Parham](#) on Thu, 04 Oct 2001 20:46:55 GMT

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The thing is, the smaller the box, the higher the cutoff. You can put a 2245 in a 4 cubic foot box but then it's not what I'd call a subwoofer, with f_3 of 50Hz. Best to put it in an 8 - 10 cubic foot box tuned to 30Hz, which gives deep response, with f_3 of 33Hz and f_{10} of 25Hz in a 10 cubic foot box.

There's plenty of excursion, so that's not a limit through the entire passband. The thermal limit puts maximum output around 120dB at 1 meter. Naturally, excursion becomes a limit below f_1 , so high pass at 20Hz.
