
Subject: Re: Mid to Woofer crossover frequency selection
Posted by [Wayne Parham](#) on Sat, 13 Jun 2009 16:17:36 GMT
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Subwoofers act differently indoors than they do outdoors because of room reflections. Outdoors, crossover point. Indoors, this doesn't work because boundary reflections make that impossible unless the room is very large, like an auditorium.

You will have interference nodes at certain frequencies below the Schroeder frequency of the room, typically around 200Hz. The best thing you can do for low frequencies indoors is to spread sound sources around, creating dense interference to smooth the overall sound field. Do a search here for "multiple subs", and study the principles for some good ideas how to setup your system.
