
Subject: Re: 7pi plan and guidance request
Posted by [Wayne Parham](#) on Fri, 02 Feb 2018 16:40:04 GMT
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That room will work very well with constant directivity cornerhorns.

120dB/M at full output.

the 2242 bass cabinets far away from the mains - along the 27-foot and 39-foot spans. Or maybe one in the farthest corner and another along the opposite wall span. This will give you excellent smoothing of deep bass room modes.

I'll send plans for both the cornerhorns and for an attractive subwoofer cabinet that will work well with your 2242 drivers. The shape of the subwoofer box isn't critical; Just make it 8ft3 to 10ft3 tuned to 30Hz. Low-pass the subs at 60Hz to 80Hz, fourth-order.

Placement isn't terribly critical so you can put the subs where convenient. For example, don't put the subs close to the mains or close to each other. Distribute them throughout the room. The most important thing is to use multiple bass sound sources scattered around. Do a search here for threads on the multisub concept for more information.