Subject: Re: Corner Horn Recommendations
Posted by Wayne Parham on Fri, 18 Feb 2005 23:23:49 GMT
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That's a pretty typical bedroom size, and I know what you mean about needing the space. As far as acoustics are concerned, what you have is small enough there is pretty good room gain, like what you get in a car. On the down side, the furthest you can place speakers apart is twelve feet, unless you place them in diagonal corners, which I don't like to do. At twelve feet, you have 1/2 wave cancellation between speakers at 50Hz. If you place them a little closer together, say 10 feet, then the 1/2 wave notch is at 56Hz. You have 1/4 wave self-cancellation from an opposing wall back to the speaker at 25Hz, but that's pretty much out of bounds. These are issues you'll have whether the speakers are cornerhorns or not.Here are some good articles about room placement that you might find useful:Loudspeakers and Rooms for Multichannel Audio Reproduction, Part 1, Floyd TooleLoudspeakers and Rooms for Multichannel Audio Reproduction, Part 2, Floyd TooleLoudspeakers and Rooms for Multichannel Audio Reproduction, Part 3, Floyd TooleSound System Design Reference Manual, George AugspurgerYou'll probably have more trouble with aesthetics and size than anything else. The cornerhorns have the benefit of being recessed back into corners and out of the way. They seem to take up very little room space. I suggest making a mockup with a cardboard box to get an idea of size and how they fit in the room. Sometimes it's difficult to visualize speaker size. Cornerhorns always seem to be smaller in the room than they really are, and other large speaker boxes always seem to be bigger than they really are. So maybe mock up a pair and see how they sit in the room.If you have the room,

be a good choice for you too, because it can be placed in corners or against walls. And if each of