Subject: 3pi's in a corner?
Posted by gearnut on Mon, 09 Aug 2010 12:06:57 GMT
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Wayne, I've been thinking about a pair of 3pi's for the bedroom, but they would end up very close to the corners. Do you think that a hybrid 3pi built in a triangular cabinet with the volume and tuning of the 6pi bass bin would provide some of the advantage of the larger cornerhorn in a two way loudspeaker?

Subject: Re: 3pi's in a corner?
Posted by Wayne Parham on Mon, 09 Aug 2010 16:12:59 GMT
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Honestly, the biggest thing to consider when putting these speakers in or near corners isn't the influence on bass response. In a premium quality installation, you'll deal with the bass separately, using a multi-sub approach. What we're looking for here is to control reflections at higher frequencies, midrange and above. That's one reason why what you really want the speakers angled-in 45°. It will help reduce early reflections off the adjacent walls. You'll be fitting the radiation pattern of the speakers approximately within the angle of the walls.

That's one reason why snuggling them tightly into the corner works best. The walls become more like a launch point than a reflector. You can't get a self-interference notch from reflection if the source lies on the boundary. So consider that when placing the speakers in your room.

Subject: Re: 3pi's in a corner?
Posted by gearnut on Tue, 10 Aug 2010 00:36:07 GMT
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Thanks Wayne, I don't have the room for cornerhorns anymore and am trying to get as close as possible to that approach because I really miss them. Looks like I'll be ordering a pair of 3pi crossovers soon...

Subject: Re: 3pi's in a corner?
Posted by Wayne Parham on Tue, 10 Aug 2010 14:49:55 GMT
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designed for.  They're for use in rooms that don't have the right corners, or when someone isn't sure they'll always have the right corners.  They're more flexible in placement, trading midrange directivity for placement options.  To tell the truth, they're much more popular because the corner

Keep us posted and let me know if there's anything I can do for you.

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