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Subject: Seven pi corner

Posted by [mito](#) on Tue, 10 Jan 2006 12:13:55 GMT

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Hi Guy's! would like to check if somebody of you out there are having some experiences of the seven pi corner speakers. I would appreciate if somebody who has build a corner speaker could share some opinions/experiences of them! What kind of music they works best with etc.. and which series you recommends.

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Subject: Yes, and the pros and cons please.

Posted by [jimbop](#) on Tue, 10 Jan 2006 14:30:19 GMT

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I'd love to hear about the pros and cons of these speakers before I build a pair. JD

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Subject: Re: Yes, and the pros and cons please.

Posted by [Wayne Parham](#) on Tue, 10 Jan 2006 18:41:21 GMT

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all the other advantages of horn loading, i.e. increased efficiency, reduced distortion, etc. The sound source comes from a single location - the apex of the room corner - and the coverage angle is a constant 90° for the entire audio range. Each horn (low, mid, high) has this pattern so the reverberent field is highly uniform. Corner placement makes each horn radiate into constrained space, which makes their response curves smoother than any other location. Early reflections from sidewalls, floor and ceiling are reduced yet room coverage is very good. The only drawback is that placement is limited to room corners. But if you have the corners available, use them.

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Subject: Re: Yes, and the pros and cons please.

Posted by [GrantMarshall](#) on Tue, 10 Jan 2006 21:59:14 GMT

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Wayne has just touched on what it is like to listen to these speakers. Yes, the coverage is technically even. They are a HIGH efficiency speaker. With good drivers the sound is clear and powerful. We're talking a physical presence to the sound here. I had a friend that explained they weren't room filling speakers, they were house filling speakers. All with very little power being

used by the amplifier. This also means if you have a fairly low powered amplifier you can use these speakers. Wayne mentioned you need corners. You should also be aware that these are physically large speakers (check out the dimensions on the price list). Then there is the dollars verses performance issue. For the bucks these speakers give you A LOT of performance. Another issue is difficulty of build. If you can build a box, you can build these speakers. They are at a very different build level than say Wayne's Pi 12 speakers which have a lot more pieces and angles or Bill Fitzmaurice's speakers. Plans from Wayne are free still I think (can't lose there). Support on the forum is great when you have questions. You could probably decide to throw together a box yourself that would work. Wayne has had this design around for quite a while though and has had a lot of time to get it right. If you decide to build them you may want to look at the kit prices, or at a minimum check out the crossovers available on this site. Wayne builds his own crossovers which are quite good. Happy building whatever option you choose. Grant.

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Subject: Re: Yes, and the pros and cons please.  
Posted by [j.luis cruz](#) . on Wed, 11 Jan 2006 01:48:09 GMT  
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hy Grant .thanks to share your oppinion of your pi speaker .But I have doubt .I read a few post that you are using k-horn 15 inch woofer and 1660 PHL as mid my question is what 7Pi model you build and do you think that going with the originals drivers recomended by Wayne could give better sound .thanks

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Subject: Re: Yes, and the pros and cons please.  
Posted by [mito](#) on Wed, 11 Jan 2006 08:26:59 GMT  
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Thank`s Grant for your oppinions! Are you using JBL or Eminence drivers? Du to the cost of JBL drivers do you have experence of the Emeinance drivers for the corner horn?Thank`s !Michael

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Subject: and more questions...  
Posted by [bernieclub](#) on Wed, 11 Jan 2006 12:13:33 GMT  
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I've been forcefully removed from my usual medium sized listening room to a spare bedroom, 13.5x11x8ft. Contemplating a new speaker project now that I have corners! Is this too much speaker for this room size? I don't listen very loud (85db or so), use low power amps, and my experience is mostly with single driver type speakers. Can anyone who has experience comment on whether horns can "fade away" like a single driver? Is a two way with dome tweeter better for

this room? I do need efficiency.Thanks!Bernie

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Subject: Re: and more questions...

Posted by [Wayne Parham](#) on Wed, 11 Jan 2006 14:32:52 GMT

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They'll work wonderfully in a room that size.

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Subject: Re: Yes, and the pros and cons please.

Posted by [GrantMarshall](#) on Thu, 12 Jan 2006 22:06:06 GMT

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I bought a pair of Theater series pi 7's with the Emminence (Deltas I think) then heard other horn systems at an audio get together. The Pi 7's with the Emminence drivers just didn't sound clean after hearing the other systems. Note that there were a LOT more bucks in the other systems than I had in the Pi 7's.I changed to what I did partly because the first horns I heard were Klipsch cornerhorns and the K15's were one of the speakers used in them. Part of this whole journey for me is "playing around". I enjoy myself as do a majority of other people in the DIY forums.If I was just going for good sound with no playing around I'd just pick up one of Waynes kits including his crossovers with the JBL drivers and expect better sound than I currently have. I'd buy the wood locally though. This opinion is based completely on respect for Waynes knowledge related to audio. Wipe that smile off your face Wayne ;-).Grant.

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Subject: Re: Yes, and the pros and cons please.

Posted by [GrantMarshall](#) on Thu, 12 Jan 2006 22:16:50 GMT

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Hi Micheal.I did my own thing and use an old Klipsch K43 driver for the 15" bass and a PHL midrange with the Emminence horn up top. The horn I use for the Emminence driver is an old Altec 32b bent horn. You can always choose to mix and match a bit. Use the JBL 15 inch down low with the MUCH cheaper but still respectable Emminence driver up top. Many people have used 40 by 90 degree horns from other companys like Peavy instead of JBL or Emminence. That's the freedom of do it yourself. If your not sure if something will work post a question on the forum. There's lots of support here. Be forewarned though. When you start building you're not sure. Then you start having fun checking things out. Next thing, the closets fill up with audio parts .... Grant.

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Subject: Re: Yes, and the pros and cons please.  
Posted by [Wayne Parham](#) on Fri, 13 Jan 2006 02:50:12 GMT  
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loudspeaker. Your speakers were originally made during a period when I was experimenting with current version up against any system out there, it's that good.

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Subject: Re: Yes, and the pros and cons please.  
Posted by [GrantMarshall](#) on Fri, 13 Jan 2006 11:05:39 GMT  
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My kids are all happy with the version I have now. Especially the kid with the bleeding ears.  
Grant.

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Subject: Re: Yes, and the pros and cons please.  
Posted by [mito](#) on Fri, 13 Jan 2006 12:49:46 GMT  
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Grant Thank`s a lot for your inputs!Yes! I know how it is with this audio thing!It`s like a sickness.Michael

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Subject: They like it loud, do they?  
Posted by [Wayne Parham](#) on Fri, 13 Jan 2006 13:59:16 GMT  
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Subject: Which PHL Midrange?  
Posted by [swett](#) on Wed, 18 Jan 2006 06:45:57 GMT  
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Which PHL midrange are you using? Is it setup as a direct radiator or in a horn like Wayne's 10" Delta?

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