Subject: Horn angle !!!
Posted by Wayne-o on Thu, 03 Dec 2009 23:57:25 GMT
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Would a 90 x 90 degree horn work if you had it angled up at 25 degrees above the woofer on the 3-Pi ? Thanks Again.

Subject: Re: Horn angle !!!
Posted by Wayne Parham on Fri, 04 Dec 2009 01:15:40 GMT
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I wouldn't suggest it, no.

I mean, it will work, won't catch fire or anything. But the taller vertical angle only serves to increase unwanted ceiling slap. The nulls will cut into the pattern and the secondary lobes will be larger and more pronounced. Just no good reason to have a horn with tall vertical pattern, in my opinion.

Subject: Re: Horn angle !!!
Posted by Wayne-o on Sat, 05 Dec 2009 05:13:56 GMT
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Ok , Now I see . So It may be ok for a high dispersion tweeter if crossed over at a higher frequency maybe 4 khz. or higher as used in other systems like the 2-Pi ???

Subject: Re: Horn angle !!!
Posted by Wayne Parham on Sat, 05 Dec 2009 15:04:26 GMT
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cone/dome speakers and don't offer the benefit of uniform directivity. They still sound good to me, but I like them best as casual listening bedroom systems and surrounds, things like that.