Subject: Corner Placement: In or Out?
Posted by GarMan on Tue, 27 Jul 2004 18:29:26 GMT
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What's the difference between having the woofer face into a corner vs away from a corner in a corner placement speaker, for the purpose of increasing sensitivity?Gar.

Subject: Re: Corner Placement: In or Out?
Posted by Wayne Parham on Tue, 27 Jul 2004 18:54:09 GMT
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It depends on the distance and the frequencies of interest. If the radiator is within a quarter wavelength, it doesn't really matter. But if it's further than that, the walls act as reflectors.

Subject: Does this mean ...
Posted by GarMan on Tue, 27 Jul 2004 19:34:46 GMT
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that facing into the corner can potentially place the driver closer, and therefore, increasing the effective bandwidth that the corner has an impact on SPL?

Subject: Re: Does this mean ...
Posted by Wayne Parham on Tue, 27 Jul 2004 20:45:21 GMT
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Yes, if you can get the radiator closer into the corner, it will be effective at higher frequency. The further out you move it, the lower the point at which boundaries begin to act like reflectors. It's the same sort of thing that happens at the baffle step transition.