
Subject: Re: Just because I'm in the mood to argue ...
Posted by [Wayne Parham](#) on Thu, 15 Sep 2005 19:35:50 GMT
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Corner placement of a bass bin is almost always a good thing. The position increases sensitivity by reducing radiation angle. It also tends to make bass response smoother. So that part is good. Without describing the features of a bass bin, one could say that corner loading is almost always a good thing, no matter what type of system it is. Beyond that, corner loading of a truncated horn is something I would consider a requirement. But putting a horn in a corner doesn't lower the flare frequency very much, the real benefit to undersized horns is that it smooths response ripples. At very low frequency, the system is pretty much just a direct radiator and in this mode, the driver's excursion and other specs are more important than the horn part of the cabinet. The passages that make up the horn become useless under the flare frequency.
