Subject: Re: Pi 7 Information
Posted by Wayne Parham on Wed, 18 Apr 2012 15:18:55 GMT
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Curtains are particularly helpful for constant directivity cornerhorns. They tend to help most at HF,

at higher frequencies, the angle of incidence from tweeter to wall makes any reflection run nearly parallel to the wall. The grazing angle is very small and any reflected energies will have to pass longwise through a lot of curtain material. So curtains are very effective when placed near constant directivity cornerhorns.

All loudspeakers used indoors will benefit from multisubs. Constant directivity cornerhorns don't need flanking subs, but they can still benefit from multiple subwoofers. They just don't need to be placed in a flanking configuration. I highly recommend multisubs for any home hifi or home theater installation, truly for any sound system run indoors in a room smaller than about 2500 square feet.

Using four subs, you can place them just about anywhere (except grouped together) and expect good results. You might go with a Welti configuration (four corners or four wall midpoints) or go with a Geddes placement (one corner, one midpoint and one random). With four subs or more, it almost doesn't matter where you put them as long as they aren't tightly clustered. Space them apart from one another.