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Subject: Re: What would a horn do for a full range 8" like a Fostex?

Posted by [roncla](#) on Sun, 06 Feb 2005 03:28:12 GMT

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Depends on the lowest frequency that you were designing for. In reality a true FR horn would be front loaded with maybe a smaller chamber on the rear (to provide two sided loading). If it was floor/wall loaded (cant tilt it back to a great degree) and you were aiming for a true spherical wave at 50 hz then the x and y mouth axis would be 21.49". If it was just wall loaded then the min dimension for the x/y axis is 43". Thats why its so much easier to have a good LF woofer and a front horn, saves on space. I find it much easier to just use a BLH up to and around 360-380 hz and let the FR driver do its direct radiator thing. ron

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