
Subject: Re: Horn Loaded woofers

Posted by [Marlboro](#) on Sat, 17 Oct 2009 20:30:09 GMT

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Wayne,

your 12 Pi's are little big to put two of them in my listening room even next to my 8 foot line arrays.

Bill Fitzmaurice has stated several times that people with high efficiency mid and tweeter arrays(my tweeter lines are 108 and the mids 105) will not be able to get the same degree of dynamic range with their low frequencies unless they either put in a folded horn woofer or a line array for the woofer section.

A line array woofer section is a bit beyond my means at the moment since I would need to either scrap my two \$140 12 woofers and buy a bunch of much cheaper 10's(like 6 of them) and build a giant enclosure for them, making a 4 way with the bass broken down into something of 40-165, and then making a subwoofer with just the two 12's for everything below 40. That would probably cost me about \$500 plus the build time.

But a woofer horn would only be the plans and the horn materials. I have everything else, and then I would have the same level of dynamic range perhaps because the efficiency could get up there with 105-108.

But maybe none of this makes sense and I await others who know, to share.

Marlboro
