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Subject: Pi2 and woofer directivity

Posted by [RDLewis](#) on Thu, 28 Oct 2010 19:15:07 GMT

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Hello Wayne,

Over the years you have written many pages on matching sensitivities, phase, directivity, etc, using 2way woofer/CD horn systems, but I have not seen a lot in a similar vain on the Pi1 and 2?

You discribed the crossover of the "1" and "2", as using a "pseudo" first order for the bass levels off the rising Fq response and a cap and shunt resistor on the tweeter. I presume this goes someway to getting the phase right(?). But I would be very interested know how you set out to achieve your favored "controlled directivity" with a domed tweeter? Or had other objectives with above?

You have mentioned that Pi2 Towers are in regular use in one of your systems and I see they are at the top of the list of best sellers. So how do they compare with the more expensive proper CD Horn in imaging and control?

I would be grateful if you could enlighten us all.

Thanks

Roy

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