Subject: matching a Table Tuba bass horn
Posted by Marc G on Mon, 03 Dec 2007 02:18:08 GMT
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Wayne,I'm intrigued by your Pi speakers. I have built about 9 different subs and mains over the last 2-3 years but I'm not really all that satisfied with most of them for one reason or another. Some were really complicated and some rather simple. One of the projects I thought turned out well were my Table Tubas. I used the Eminence HL10-C's in them and they really are surprising. I was looking for a pair of mains that might be a good match for them. I have built a pair of home brew "El Cheapo Bell Grande" line arrays with Foster blow out mids and a Dayton ND20 array and an active crossover. Fiddling with it for a year on and off. I don't think it can ever be done. Everytime I change source material I have to re- equalize. I'm wearing out my Ultracurve... To switch gears I thought about a horn tweeter maybe a BMS 4540 / DSS pro 90 and a mid horn of yours ? Any ideas ? I'm also trying to go to a passive crossover. I would like to hear what you may suggest. I do like it loud once in a while and I don't pretend to be someone who hears the difference between speaker cables. I have a big basement room 14' by 35' treated with membrane traps. My hearing doesn't seem to extend beyond 14Khz per the audiologist.

Posted by Wayne Parham on Mon, 03 Dec 2007 15:01:38 GMT
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above 100Hz though, so it may not work. It needs to be smooth up to around 300Hz for good integration. You'll also need a delay line because of path length. One of the advantages of the

just can't tell where the bass bin leaves off and the midhorn takes over. You might lose that if you swap out the bass bin with something else.