

---

Subject: plan request & pi alignment Q

Posted by [the\\_reflex](#) on Sun, 23 Sep 2007 09:36:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hello Wayne, first of all congratulations for the original designs. May I have the plans for the theater 3 and 4 please? I want to build a 3 way system with lateral woofer, 12" midrange and horn tweeter and I'm interested to test your pi alignment theory. I have a few more questions: 1. how much influence have the proportions of H/W/D for the final result of the bass? 2. If I don't have so much space can I make a front baffle a little bit narrower? If so, how much is the tolerance (10-20%)? 3. I have noticed that you use speakers with higher Qts that usually (or in theory) are not suitable for the reflex application - especially the eminence. Is this the "secret" to obtain a deep bass and high efficiency from a PA speaker? Thank You in advance! A.

---