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Subject: high eff. 3way.

Posted by [jeff p](#) on Tue, 09 Dec 2008 17:06:12 GMT

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i have some Pi One Towers that i'm pretty happy with, i'm thinking the time will come when i will want more output from my little 6watt SEP amp. the amp and preamp are here to stay for a while so that means i will need to build more efficient speakers.the amps like an 8ohm load.basically i need a little guidance on design, where do i start to think about the design?should i be using software to model frequency response? what?i am thinking 3 way would be best.a 96db dome tweeter or maybe a ribbon, and a also a 10" pro 10 like an eminence alpha to handle the low end because i'd like slimmer cabinet.i'm not sure about midrange.i was thinking either two 6.5 to get efficiency up or maybe the 100db Audax 6.5"

driver.[http://www.madisound.com/catalog/product\\_info.php?manufacturers\\_id=120&products\\_id=90](http://www.madisound.com/catalog/product_info.php?manufacturers_id=120&products_id=90)to get the extra eff. from two drivers they have to be wired parallel right? so i would have to find 16ohm drivers. then i also have to decide whether to do TMMW or MTMW.my room is pretty large (15Wx25Lx9H) hard floors and ceilings, lage rug in front of speakers.the one thing i don't like about the audax is they might make me need to cross the woofer higher, might that be a problem?

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