
Subject: Re: New topic - Any thoughts on this three way
Posted by [Bill Martinelli](#) on Wed, 17 Dec 2003 03:52:14 GMT
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Hi Henry, Thanks for the compliments. Here are a few things to think about. Do you want to run a compression driver in the mid horn or a cone driver. For a compression driver you will most likely need a 2" format. Sometimes the 2" parts are very pricy. For two inch compression drivers the JBL 2440, 2441 and 2445 sound great. I like the Selenium 405TI pretty well for the price too. You can run a 1" K55 down to 500hz but IMO it's really a better range for a 2" driver. Most 2" drivers will work very nicely well past 3.5khz. It's possible to cross into the tweeter from 6k to 10k driver dependant. For a tweeter your crossing over in a very nice place. A small horn is perfect and there is now strain on the driver from a 6k-10k. Even 3.5k is high enough just about anything. My preference for 1" drivers for the tweeter are BMS4540, JBL 2425/26, PSD 2002. Altec made 1" drivers lots of guys like too. For woofers I prefer the JBL 2226 over all others. Eminence Kilomax, Omega, and Delta, in that order are runners up. There's lots of good 15's around and if you have some parts or know of others they can all sound good. That's the stuff I use and I haven't heard anything different that would make me change. I may doing some work with Ciare Speakers and 18 Sound. I'm told they are good but I've not used them yet. The TAD 1601C and some others are also great if you are interested in pumping the Hi-Test. All of these can crossover at 500-800hz with out a problem. Cone midrange horns are the cats meow. There isn't a lot that betters an 8" or 10" in a 14"x16" horn. (thereabouts) Your bandwidth will be more limited with this though. You'll be lucky to get 2k out of this on the top side and 500hz for the low side is a perfect place. Let me know what your thinking of using for drivers and the crossover points will be more evident. Bill
