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Subject: Just a restatement of what I said about the McIntosh

Posted by [Marlboro](#) on Thu, 06 Sep 2007 11:06:24 GMT

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You've simply stated what I said about the reason why the McIntosh that I referenced probably doesn't work except in certain seated places. I never had any intention of adding another row of mid ranges. But then again I've not heard a description from you as to how the sound is better by doing so over a single line. As to using ribbons planars over domes, one has to cross lower with planars than domes. There is nothing in Jim's work that precludes the use of domes. Using ribbons or planars just gives more choices, and higher quality choices. However when you compare using 8 PT2 planars to using 30 domes, the sound issue quality disappears. Of course if you use enough of them, like more than 60, the %age of covering of the band can be so low that they are hardly stressed at all. But the whole design system is widely different than using ribbons or planars. You have to allow for that if you want the dome tweeter sound. My own experience is that only 3/4 inch domes will work though. ONE inchers are too big to make the c-to-c work. 1/2 inchers might work but nobody makes one that doesn't have a huge flange. If someone were to make one that allows a tight edge of dome to edge of dome contact like can be done with the one Dayton Neo they would be super. Domes can be used in Line arrays; small 3.5 inch mid ranges can be used in line arrays. However this combination requires a narrower choice of speakers, and requires a much tighter management of parameters than does the use of a larger mid range and planar/ribbon speakers. You can't cut any corners at all if you want to make it work, and that includes mandatory electronic crossovers, and separate enclosures for each midrange speaker, plus paying very close attention to the c-to-c distance. And unfortunately for anyone who likes to buy really expensive raw component speakers, one has no options. If you want to argue this point, I have no problems keeping it up as long as you want. I listen to my speaker system every day. And you have never even tried to build using my approach much less listened to anyone who has. Unfortunately, if history is any reference you will start making derogatory comments about my design. This will then negate our agreement. Don't go there. I have nothing to lose.

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