Subject: All the speakers the same brand and size?
Posted by Marlboro on Thu, 28 Sep 2006 22:11:11 GMT
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Just thought of something that seems obvious, but maybe not....Is it important for all the speakers in the array to be the same size and brand?I mean suppose you upheld the c-to-c but some of them were Sammi's and some were Daytons, and suppose you made a woofer array where the bottom speaker was a 12 incher but all the ones above it were 7 inchers.That seems crazy, but if you are using electronic crossovers, would it be?Marlboro

Subject: Re: All the speakers the same brand and size?
Posted by Anonymous on Fri, 29 Sep 2006 14:56:02 GMT
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My rule is;Same tweetersSame midrangesSame woofersSame subwoofersI wouldn't mix different tweeters, mids, woofers.I woldn't make a woofer array of 7" drivers, then add a 12"- just because - into the same box doing the same job. Eitherbandpass both to do their own seperate job or make a full array of 7"or a full array of 12".Common sense rules.

Subject: Yeah I agree about "just wrong...." But why??????
Posted by Marlboro on Fri, 29 Sep 2006 19:19:12 GMT
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OK.....But.....If each goes into a separate enclosure, and if each is matched by sensitivity, and some other T/S qualities,Other than it seeming just "wrong", Why is it :" Well.....that's just wrong!" Why....???????I think mixing tweeters and mids might be more wrong than woofers, but I've seen people adding a piezo to an other wise line...but woofers.....Marlboro

Subject: Re: Yeah I agree about "just wrong...." But why??????
Posted by Anonymous on Fri, 29 Sep 2006 20:34:49 GMT
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Speakers are electromechanical, hence differnt sonic signatures.Two different tweeters, mids operating in the same range is akinto listening to two different female vocalists live singing the sametune simulaneously. Is it bad? no, but I wouldn't want to hearit that way all the time. Mixing two sonic signatures is counterproductive as you want your speaker to have a specific personality,not the Borg - where there are 1000 voices speaking at once. Youcan do this, but the

chaos might be information overload for yourbrain and you may get fatigued. Sometimes is just better to eat anice piece of steak with salt and pepper cooked on an open flamethan to add 50 spices to it.If you want to create a different sonic signature from the loudspeaker, then create different ones by using your EQ andcrossover to alter performance, and you can always revert backto a normal configuration too.

Subject: That makes sense!
Posted by Marlboro on Fri, 29 Sep 2006 21:19:43 GMT
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YEAH.....Thanks, Thy. That makes sense.
