
Subject: quasi mini array

Posted by [mickey](#) on Sat, 25 Nov 2006 00:29:41 GMT

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Help a newbie with a crossover for a mini-array pls! Here are the drivers. 12 Aurasound NS3-194-8E http://www.madisound.com/cgi-bin/index.cgi?cart_id=1338435.10501&pid=1757 and 1 2 DAYTON ND20FA-6 <http://www.partsexpress.com/pe/pshowdetl.cfm?&Partnumber=275-030> crossed at 2700 Hz. Curt C mentioned that the neos can be crossed lower than 3500 Hz if they are used in multiples and use a higher order (4th) crossover. The 12 Aurasound will be wired in 4 parallel groups of 3. Yielding a net sensitivity of 97 dB and final re of 5.2 ohms (accdng. to PCD). The 12 Dayton neos will be wired in 3 parallel groups of 4 drivers. Yielding a net sensitivity of 101.5 dB and final re of 6.9 ohms (accdng. to PCD). Baffle would be 6.5". Of course these are based on the measurements from the websites. Being new to this I don't have measurement stuff to do my own...yet. But I am learning and trying to get my feet wet in this newly found hobby/obsession. That's how I learn the most. Well anyways...so can anyone please help me with the crossovers by modeling one? Since I don't have any measurement abilities yet I don't think textbook crossovers are going to cut it. Yes I did build other people's design and they are great. But not arrays...so a cost effective quasi mini-array (full of tradeoffs of course..the kits costs are not justifiable to the wife) is the way to go for me. Help a budding diyer anyone? Sorry for the long post. Do you also need BSC in a line array? mickey
