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 NS3-194-8Ehttp://www.madisound.com/cgi-bin/index.cgi?cart_id=1338435.10501&pid=1757and12 DAYTON ND20FA-6
3http://www.partsexpress.com/pe/pshowdetl.cfm?&Partnumber=275-030crossed at 2700Curt C mentioned that the neos can be crossed lower than 3500 hz if they are used in multiples and usea higher order(4th)xover.The 12 auras will be wired in 4 parallel groups of 3. Yeilding a net sensitity of 97 db and final re 0f 5.2 ohms(accdng. to PCD)The 12 dayton neos will be wired in 3 parallel groups of 4 drivers. Yeilding a net sensitity of 101.5 db and final re 0f 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 dont 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. Thats howI learn the most.Well anyways...so can anyone plss. help me with the crossovers by modeling one? Since I dont have any measurement abilities yet I dont think textbook crossovers are going to cut it. Yes I did build other peoples 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