Subject: Re: Pi-aligned line array?
Posted by mollecon on Tue, 17 Dec 2002 08:28:22 GMT
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Well, the basic thing here is quite simple: If you've got the boxsize for a sigle driver calculated (using TS-parameters), you can double the boxsize if you wnna use two, triple the boxsize for 3 & so on - the tuning-frequency (Helmholz-resonance) will be the same. It will be necessary, however, to re-calculate the port-dimensions in each case in order to maintain the aforementioned tuning!But be carefull! If you're gonna use a combination of series/parallel coupling of the drivers in order to maintain a reasonable impedance (the only other alternative being using seperate amps for each driver, may for two in parallel), the condition for the reflex box working proberly might well be altered to an extent where it doesn't do that anymore - coupling bass-drivers in series is tricky business, particulary in a reflex enclosure.