Subject: line array + front loaded horn ?
Posted by hot.rod.audio on Fri, 15 Sep 2006 01:06:11 GMT
View Forum Message <> Reply to Message

Just kinda brainstorming here . . . would it make sense to incoporate a FLH, ala Altec VOT onto a line array of 16 - 20 4 inch drivers? Might this help the sub-100 Hz response of the array? I'm guessing as long as flare rate and mouth area stayed (about) the same, it could work . . .whatcha think?

Subject: Re: line array + front loaded horn ?
Posted by Anonymous on Fri, 29 Sep 2006 15:00:22 GMT
View Forum Message <> Reply to Message

I get sub 100hz response from 50 cent drivers, 16 of them, ported.If you use a steep slope crossover, high pass, you can limitthe really low notes from the drivers to keep excursion down. Youcan mate this with a subwoofer low pass 60hz - 80hz. If you want to try your experiment, feel free and report back.

Subject: Re: line array + front loaded horn ?
Posted by hot.rod.audio on Fri, 29 Sep 2006 15:28:23 GMT
View Forum Message <> Reply to Message

cool - I think I have the same drivers - Pioneer fullrangers from Parts express? I grabbed about 50 of them last year . . . mocked up a single line array of 16 for grins, but haven't done much with them since. I *have* been using them in some custom audio installations for ambient / backround sound in yoga studios and a few retail locations - real nice sound with the little 25 cent onkyo tweeter, and a bass box for the low end..... My plan is to use them in a home theater, maybe an array of 12 or 16 per side - still deciding on center and rear surround configuation. I've never tried constructing a FLH, so I *may* take the easy (logical) way out and do as you have . .what size box(es) are required for your setup? thanks !