Subject: Re: What about Oval shaped drivers (like 4"x6") for arrays?
Posted by Scaper on Tue, 15 Sep 2009 01:05:27 GMT
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I was hoping for help on the initial question before I posted the BASSment photo. It was just a general line array question. Pay no attention to the photo sir.....but if I must tell of the system I have and what I want, then I sure will.

The subwoofer system was designed with the same general idea of why line arrays are enjoyed. Less distortion and no need to crank them up all the way. There are 4 separate enclosures and I can run the 2 vertical ones, or the 2 horizontal ones, or all at the same time. They're very "musical" subs that were used in the NHT VT-3 system.

Anyway, I won't be running the mains you see in that photo if/when I build some arrays. Plus, I'm not sure the line arrays will even be used in that room. But I'd still love to build a pair because I've heard mostly good reports about them.

Being that this would be my first try at a line array, I wanted to go with cheaper drivers. I came across some decent looking 3"x5" drivers with a response of 90-16,000hz. They seem very promising. But I just wasn't sure if the oval style would lend itself better to a line array. It seems that it would actually be better going by the white paper, but I don't know.

You could keep the C to C spacing less than a 4" driver, yet you would have a 5" width.....things would be more linear I would think.

So, not considering that room I posted. Would the oval shape be okay to use? If so, would the typical crossover point still be figured using the C to C method?