Subject: A WOOFER ARRAY?
Posted by Marlboro on Fri, 30 Oct 2009 17:07:38 GMT
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Money...!!

I was constrained in my design primarily by money. I couldn't spend more than $1500 total including all amplification, electronic crossovers, all speakers and all materials. My labor was free. I had one amp to start and two 12 inch 15 xmax poly prop woofers that currently list for $139 each. I had to buy everything else.

I bought each speaker first in one and listened critically to the extent that a then set of 54 year old ears can do. I spent a lot of time on ebay looking for the right amps and trying and sometimes failing to get what I wanted. I read every piece of information that I could find that pertained to any design part of the system, and then I put it all together on paper first. And then I started building.

It took me nearly 18 months to design, 4 months to buy the amps and crossovers on ebay, and an additional 6 months of spare time to build the system. From its inception to siting and listening it took more than two years.

But your material look like a splitting of hairs that I simply couldn't do. It looks like it should be TAKE ON ALL COMERS no matter what.

I wonder if you are doing this, and money is not an issue, that you don't make it a 4 way and include a line woofers to handle the 40-200hz range. I've been thinking of doing that myself to handle the 40-155 range which is currently handled by my dual 12 inch woofers. I would then use my 12 inchers for only very low bass and explosions in the range from 16-40. They would be true stereo subs.

Marlboro