
Subject: A little help with my next project, please
Posted by [BillEpstein](#) on Mon, 22 Mar 2004 22:12:08 GMT
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The four, white, 2Pi's are suspended on hanging shelves in the upper corners of my friend's 30X30 garage. He was blasting out Dr.Hook and tearing into a '34 Chevy when I left yesterday afternoon. You should see the 5 ton hoist hanging from it's I-beam in the middle of the vaulted, Gambrel ceiling. Happy Camper. So now I think I want to make a prototype based on the Theatre Pro4. I have the 16 ohm 2226's, I know where there are some 8 ohm 2425's and I'm pretty sure I want to try the Peerless horn tweeter as a supertweet above 6000 Hz. The Excel calculator shows 2nd order ButterBall with 16ohm low and 8 ohm hi-pass as $C1=8.79$, $L1=1.13$ and $C2=4.40$, $L2=2.25$ to cross at 1600 Hz. Is this the best? Then I can just add on the Peerless with about a 4.5 cap? And maybe an L-pad? Other suggestions for mating the 16 ohm woofer with the 8 ohm horn? BTW, the 6 foot tall sub-woofer is on hold. I installed the 260 watt P.E. plate amp (#300-794) in place of the 100 watt (#300-792) and it made a world of difference. The bigger amp has a rumble filter and much better control of the long Xmax of the Titanic.
Peerless horn tweeter

Subject: Re: A little help with my next project, please
Posted by [Wayne Parham](#) on Tue, 23 Mar 2004 06:51:05 GMT
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Are you sure that tweeter will reach high enough for you? Maybe try to find a 2405 instead?
