Subject: horn books+miscellaneous
Posted by toxicport.e on Mon, 29 Sep 2003 12:44:50 GMT
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what was the first book you read about loudspeakers?whats ur favourite?can u reccomend me something?can u just go into a store in US and buy a book on horn loudspeaker design? or is the best still in certain magazines and online.....because there isnt anything here in NZ im relying on the interneti could order AES,although i would want them all (one wouldnt seem worthwhile), or some and then i dont want ones i dont want....lolmy midbasshorn ,its at the end of modeling it is now being folded and optimised spacewise.~!i Could remodel it again with what it has Now,but i cant really be bothered-its just an experiment,and i expect it to be 'close enough'.modeling folds?hmmmmW H geigers responsehttp://f16.parsimony.net/forum27133/messages/2311.htmnot much luck over at high eff forum,, :*)freddyi thinks its lookn good.btw nice the pi speakers site is looking very nicevery professional.4am time for sleepcheersMike

Subject: Re: horn books+miscellaneous
Posted by Wayne Parham on Mon, 29 Sep 2003 15:00:46 GMT
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Your horn looks cool! When are you gonna build it?

Subject: horn
Posted by toxicport.e on Mon, 29 Sep 2003 22:58:22 GMT
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my timeframe is overawhile-i have polytech that i need to finish - it may be christmas holidays-Dec5thbecause ive just completed my 2week holiday(and finished completeling the modeling),and my mates relative whos a woodworker is busy makn my mates bedroom like a sleepout,so wudve been busy.this will be good to see if a 30hz 750L horn is justifiableas soon as i finish the niggly bits-the corner reflectors,completely optimising the rear chamber to be correct 17L+2L for lab12 woofer+bracing,and drawing it more times in Qcad with really skinny linesone of my problems is my little 14" monitor cant display it all at once! :P 800x600this horn is for the Experience not for perfect response..250L only,how can u go wrong :-Pim thinkn 25mm mdf always that rear chamber brace is infact vertical :*)and then il get RS meter(with new mic like adrian has),test it outdoors,in car,in home,in corner,see if can squeese 40hz out of it with a few watts :-DCheers!

Subject: Re: horn
Posted by Wayne Parham on Tue, 30 Sep 2003 01:45:50 GMT
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I'm eager to see photos of this cabinet when it's done. At only 9ft3, it's a very manageable size. So if it sounds good in quarter-space or eighth-space from 40Hz up, you've really got something! And it looks to me like you've modeled it pretty well, so I see no reason to expect that performance won't be as predicted, at least up to 200Hz or so, where folds might start reducing output beyond what the model can show.Keep us posted! I'm anxious to know how it sounds, and to see some photos in December when you've got 'em done!

Subject: horn
Posted by toxicport.e on Tue, 30 Sep 2003 02:20:10 GMT
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no problem wayne il take pics.(thats half the point i reckon!)i think the lab12 woofers high mass + le stops any HF above 200hz :Pit wont go any higher..but thats ok 300hz wudve been nice ,but really im not gona build another midbass bin just to reach my 300hz tractix horns i dont have ,and wont haev for a very long time :Pbtw im getn a new pc (2ghz),so i can use hornresp and wait only 2seconds for the response ,rather than 30seconds on my 133mhz,for a hyperbolic horn =)also ive noticed its just so much more productive having a pc that can run ur programs at a decent speed._____ive gotn in a few arguments in caraudio forums,ive posted 150posts in one forum and 50posts in the other,in a matter of 28days,so much speaker truth to tell! so many lies made up things,unproven things,its really annoying,i think il leave it soon,just post to the ppl who are interested in learning.but i like to think i told ppl some useful factstheres alot of ppl who have heard boomy boxes such as the xxx18 pictured,many ppl seem to love that response..i told them IB or dipole it;Pcheers:-)

Subject: Pics are the best bit
Posted by toxicport.e on Tue, 30 Sep 2003 02:26:10 GMT
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no problem!lately ive looked at this sitehttp://www.klippel.de/pubs/nonlinaura.pdfhttp://www.klippel.de/pubs/default.aspwish i couldve seen that talk/AES full file!:-D

Subject: other horn modelings to compare
Posted by toxicport.e on Tue, 30 Sep 2003 02:30:10 GMT
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http://www.geocities.com/sc00byd0159/basshorn.htmthe delta10inch extended flat..notice that was when i was wanting 30hz..now compromised for 40hz for enclosure 3x less volumecheers

Subject: Klippel
Posted by Wayne Parham on Tue, 30 Sep 2003 04:37:47 GMT
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Klippel has done some neat stuff, haven't they?!!