
Subject: First LA - Open baffle ? Width box ? Newbie questions....

Posted by Renato on Mon, 07 Feb 2005 15:28:46 GMT

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Dears, My name is Renato, I live in Brazil and I do not write englishfluentily (I read without problem), but I wil try post my newbiequestions...First: Congratulations all for this space, in special for Mr. James Griffinf for your fabulous paper about "Near Field Line Arrays" I have one site whith same projects in Portuguese about DIY audio, theurl is:

<http://www.mrweb.com.br/fvm/Project>=====

=====I think start project of Line Array and attached a post a pic.. 1 x 12" < 300hz 10 x 4" >300hz and < 3k hz (approximate) 1 x Ribbon >3k hzIn

mmmmTmmmmW The questions:1- Open

Ballfe=====

The mid driver 4" have a High QTS, and I think made de box in OB (openBaffle), but, in this case a simple box without "back baffle", anyproblem ? I use this calcule: $344 / 300\text{hz} / 4 = 28,6$

cmThen, the box result (approximate):120cm (h) x 15(w) x 29cm (d)This is correct, any problem

?2- Width

Baffle=====

I do not know how the importance of Baffle Frontal in a speaker,basicaly:What ideal width box in this case, and why ?Tks,Renato
