
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 english fluently (I read without problem), but I will try to post my newbie questions... First: Congratulations all for this space, in special for Mr. James Griffin for your fabulous paper about "Near Field Line Arrays" I have one site with same projects in Portuguese about DIY audio, the url 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 hz In

mmmmmmTmmmmmmW The questions: 1- Open

Baffle=====

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

cm Then, 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, basically: What ideal width box in this case, and why ? Tks, Renato
