
Subject: Eminence Delta Pro 8-A in a JBL AM6200-64 horn project

Posted by [brad944911](#) on Thu, 15 Jun 2017 15:45:36 GMT

[View Forum Message](#) <> [Reply to Message](#)

ALL,

First time posting here and first time working with horn speakers, but not speakers, so I can be dangerous

I need some help and advice...I came across a set of horns(no cabinets/speakers) from an old JBL 2 way pro speaker, the AM6200-64's, and want to build a nice set of 2 way horns myself without breaking the bank buying the JBL drivers. To that end, I did tons of research and purchased the Eminence Delta Pro 8-A's based on what I read about good horn candidates; meeting the BI, EBP, freq resp and power handling. I downloaded Hornresp, but I cannot really figure it out (especially with the prefab'd horns) and need a hand.

I have a free weekend this Friday-Sunday and won't have another for a while so instead of monkeying around with doing all the wrong things in Hornresp, I would appreciate a hand with figuring out the front cavity volume, rear cavity volume and what range the program says I can expect so I can get this at least mocked up. At least by reviewing how experienced usres use the software, I can learn hopefully.

If anyone well versed in horns and Hornresp would like to help me out, I can offer ya a few good craft beers if ever in the Tampa area

Here are the parameters:

- The horns = a 4" mouth, are 11.5" deep and roughly a 17"x13"(60x40 pattern) mouth
- Speakers = Eminence Delta Pro 8-A. I attached the spec sheet but here's what Hornresp needs:

$S_d = 218.2\text{cm}^2$

$C_{ms} = .28\text{mm}$

$R_e = 5.4$

$B_l = 14.1$

$L_e = .82$

Parameters I don't know: M_{md} , R_{ms} and N_d .

Once again, thanks for the help guys! It's more than appreciated!

Brad

File Attachments

1) [am620064.jpg](#), downloaded 251 times

2) [290-507--eminence-delta-pro-8a-specifications.pdf](#),
downloaded 326 times
