
Subject: Madison Knight 10" in SpeakerBox says 366L right?

Posted by [-3db](#) on Sat, 12 Jul 2003 23:10:15 GMT

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I am about to cut wood, and I am a little stuck with PiAlign. I assume I have to use a pre-set speaker name, and the associated file in order to run PiAlign. Is this right. I've taken the T/S from Madison's site for the Knight 10", and this is what I get: Qts=.578 Qes=.599 BL=13.89 Re=10.4 Xmax=4mm eff=95db/1w200wl'm not sure if this is all, but the reflex box comes out at 366L, 36hz So, I'm xover at 90 hz to subs, so I think I am going to take the 260L aperiodic options. 'does any of this sound correct. Thanks for your help to a newbie. Sincerely, -3db too big

Subject: Re: a little help

Posted by [Bill Martinelli](#) on Sun, 13 Jul 2003 00:34:16 GMT

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366 liters for a 10" driver? oooo.... thats really big As you go through pi align enter the following fields description= anything you want to call it Type= Mlo cut= 50 (if you have 70hz sub 50 would be good) hi cut= press enter for no entry Eff= spl 1w/1mpower= watts max impedance= Re (4,8,16 might get you close) quantity= number of drivers per enclosure for pi align you need to know from the t&s parameters Vas this will be the VAD input (must convert to Cubic Feet) Qts 1 divided by the Qts will be the QD input $1/.578=1.7301$ Fs this will be the FD input Enclosure type= B (for bass reflex) Port= C / cylinder R / rectangle you now have all the dimensions and volume in cubic feet according to pi align. Bill

Subject: Thanks Bill: I will try these numbers before cutting. nt

Posted by [-3db](#) on Sun, 13 Jul 2003 03:37:25 GMT

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nt

Subject: Re: Madison Knight 10" - Can you post a link to T/S parameters <nt>?

Posted by [wunhuanglo](#) on Sun, 13 Jul 2003 15:02:43 GMT

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