Subject: using a Celestion G18Q-400 in a 4Pi-18
Posted by bikehorn on Wed, 15 Oct 2003 19:59:47 GMT
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I have the opportunity to get a G18Q-400 for a good price. its specs don't totally match the Omega Pro 18's, but it'd still like to use it(i'm going to use this cabinet for electric bass). because it's such an obscure and unknown driver, it won't be going anywhere fast, so i have plenty of time to buy it.i emailed Celestion and got some specs:D - 0.38mRe - 6.4ohmFs - 32HzQms - 7.06Qts - 0.244Qes - 0.252Mmt - 99.2gCms - 0.25mm/NVas - 459lBl - 22.4TmRms - 2.8kg/swill
the speaker sound bad in this cabinet? what changes should i make, like port length? thanks

Subject: Re: using a Celestion G18Q-400 in a 4Pi-18
Posted by Wayne Parham on Wed, 15 Oct 2003 22:45:43 GMT
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PiAlign recommends 4.0ft3 tuned to 50Hz using a rectangular 5.8" x 10.3" port that's 9.2" long.

also, providing an EBS alignment having a -3dB shelf from 40Hz-100Hz. Response is nice and flat in the shelved region with a slight 3dB rise through the 100Hz - 200Hz octave. Considering

Subject: ahhhhhhhhh! hardcore physics!!
Posted by bikehorn on Thu, 16 Oct 2003 21:03:08 GMT
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Thanks Wayne! some of that went over my head though :(i understand the PiAlign Part, and right up until "A 4Pi-18 cabinet is a good choice also"...and the rest is over my head except the 3 dB rise in 100Hz-200Hz range. are your results good or bad? thanks for the help.

Subject: Re: ahhhhhhhhh! hardcore physics!!
Posted by Wayne Parham on Fri, 17 Oct 2003 02:55:05 GMT
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Both are very good. The smaller cabinet recommended by PiAlign generates response that is

deeper bass extension. Both are good solutions; Your choice depends on your needs. If these will be mains, the smaller cabinet is good and if subs, then the larger might be better.

Subject: maximum thanks! nt
Posted by bikehorn on Sat, 18 Oct 2003 19:02:28 GMT
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