Subject: Bass Horn For Altec Driver
Posted by mgzny on Tue, 02 Sep 2003 21:33:15 GMT
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Hi Wayne et al:Any suggestions for a cabinet for a the Altec 414Z 12' woofer?I am planning to mate with Altec 802D compression driver.Aprreciate anyone's help. Have not tracked down the TS specs yet.Thanks to all, Mark

Posted by Wayne Parham on Wed, 03 Sep 2003 01:04:54 GMT
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I don't have any direct experience with the Altec 414, but there are several here that have used this and other Altec midwoofers. Seems to me that they are usually used in a rather large bass-reflex cabinet, many of which include truncated (midrange) horns. I'm sure you're aware of that configuration - It's one of Altec's most popular, with the driver installed in a front-loaded small horn and with the back chamber being a large bass-reflex cabinet.I've also known many that used them in two-way speakers with a simple (non-horn loaded) bass-reflex design for the midwoofer and a large-format HF horn for the vocal overtone range up. Seems like PiAlign recommended something like 9 cubic feet tuned to 30Hz or so, but I may be thinking about Altec 416's.

Subject: Altec Driver T/S Parameters
Posted by wunhuanglo on Wed, 03 Sep 2003 05:21:19 GMT
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http://www.greatplainsaudio.com/Thiele-Small.html

Subject: Re: Altec Driver T/S Parameters
Posted by mgzny on Wed, 03 Sep 2003 14:21:28 GMT
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Thanks for the info. Had tried Great Plains, no specs for 414Z though.Goiung to keep looking and asking.Regards, Mark

Posted by mgzny on Wed, 03 Sep 2003 14:26:48 GMT
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Thanks Wayne: Looking through the Altec posts, saw mention of someone usingthe 515 driver in a pi cabinet, saw same on BD-design forum. Any chance the 6pi would work with the 414Z? I know I have to track down the TS #s. Thanks again, Mark

Subject: Re: 414Z=414A without a magnet cover (nt)
Posted by tubefever on Thu, 04 Sep 2003 03:49:14 GMT
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nt

Posted by Wayne Parham on Thu, 04 Sep 2003 05:26:21 GMT
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You're right - You'll need to know the woofer parameters and then calculate cabinet dimensions

parts that are suited for this sort of design.