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Subject: alpha and delta

Posted by [canjie](#) on Wed, 26 Sep 2001 21:27:24 GMT

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please somebody thels me about box volume for alpha 10" and alpha 12"

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Subject: Box sizes and tuning

Posted by [Wayne Parham](#) on Wed, 26 Sep 2001 22:33:20 GMT

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The Alpha 10 works best in cabinets from 1 to 5 cubic feet tuned to 40Hz. The Alpha 12 should be used either on infinite or open baffles or in boxes larger than 4 cubic feet tuned to 25Hz. The PiAlign recommended cabinet for the Alpha 10 is 1.4 cubic feet tuned to 40Hz using a 1.85" diameter, 2" long port. Its suggestion for the Alpha 12 cabinet is 4.7 cubic feet tuned to 25Hz using a 2.4" diameter, 1.2" long port.

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Subject: Re: Box sizes and tuning

Posted by [canjie](#) on Thu, 27 Sep 2001 09:09:06 GMT

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thank you Wayne

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Subject: Re: Box sizes and tuning

Posted by [canjie](#) on Thu, 27 Sep 2001 09:28:30 GMT

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How can it be that Eminence alpha 12 requires volume of 138 liters for vented enclosure if Eminence kappa 15 requires less-- only 110 liters for vented enclosure ?

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Subject: Re: Box sizes and tuning

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Posted by [Wayne Parham](#) on Thu, 27 Sep 2001 09:51:35 GMT

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The Alpha 12 has much higher Q. As a result, it needs an unusually large cabinet. As I said earlier, an infinitely large box - the infinite baffle - is a good way to run this driver. You can mount it on the wall, allowing the area between walls and the attic to be the "cabinet".

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Subject: Re: Box sizes and tuning

Posted by [canjie](#) on Thu, 27 Sep 2001 11:45:48 GMT

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thank you for your help.

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