Subject: Bass Guitar Speaker
Posted by jimmy on Wed, 05 Nov 2003 16:53:17 GMT
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I have a 200 watt tube amp for bass guitar. What would make for some great DIY speakers and cabinet with a pair of 12" or perhaps four 10" for F3 of 50-60hz? Any Eminence products qualify?

Subject: Re: Bass Guitar Speaker
Posted by jimmy on Wed, 05 Nov 2003 17:02:00 GMT
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Perhaps too vague above- I looking for high efficiency of about 97db per speaker for loud volume. 50-55Hz at -6dB should be fine. Extended range to 4-5kHz. Anyone try this in a horn type cabinet or is ported the best?

Subject: Re: Bass Guitar Speaker
Posted by Wayne Parham on Wed, 05 Nov 2003 17:21:00 GMT
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There are plenty of Eminence products that fit the bill. Frankly, that's one of the markets they specialize in and many of their products are designed for this purpose.As for horn loading, it's a great way to go, particularly for the frequency range you want to cover. But it does make the cabinet larger, and if you're playing clubs, you may find basshorns to be a bit much to carry alone. Some of my musician friends like bigger cabinets, and some don't. I suppose a lot depends on where you play and how you like to setup.This is a good discussion for the Musical Instrument Speakers forum.

Subject: Re: Bass Guitar Speaker
Posted by Chris R on Wed, 05 Nov 2003 17:21:16 GMT
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Hi Jimmy, I finally completed a bass cabinet using ported cabinet and a15" JBL M151 driver. This is essentially a 4-Pi without a horn.Sounds great to me. 4K-5K is stretching it for many of theEminence drivers, except for the B102's. Those are 10" bassspeakers that have decent specs. you'd have to model them tosee if they met your needs. Each is good for 200W. I'd go fora pair.

Have you checked the eminence site for specs?http://www.eminence.com/Chris

Subject: Re: Bass Guitar Speaker
Posted by jimmy on Wed, 05 Nov 2003 18:30:46 GMT
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I read an interesting spec on the Delta Pro 15; qes-0.44, qms-4.73, qts-.40, FS-42 and enclosure of 2.25 to 3.75. Appears a very light cone and xmax 3.2mm. Efficiency is high as well. Perhaps a Carlson or a pair of Carlson designs? I read the Carlson design provides crisp & detailed bass better than reflex designs. (I know little about speaker box design as you can tell).

Subject: Re: Bass Guitar Speaker
Posted by Wayne Parham on Thu, 06 Nov 2003 04:37:23 GMT
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Fred Ireson is a big fan of the Karlson enclosure. It is interesting looking, isn't it? If I were to build one, I'd probably be inclined to tune the motor chamber the same as I would a bass-reflex cabinet that didn't have a Karlson aperature.If you need any software to help design the cabinets, there

of the page and you'll find them.Keep us posted on your speaker project and post some photos if you can when you have them finished!

Subject: Re: Bass Guitar Speaker
Posted by jimmy on Fri, 07 Nov 2003 15:46:53 GMT
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Thank you Wayne.