
Subject: Speakers Again !

Posted by [ztarman](#) on Mon, 20 Jun 2005 16:33:59 GMT

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OK, so here we go again. I've read almost everything here on speakers and still have questions. I have a K200b-1 head and I play 6 string guitar and bass. I want to build my own cabs, one will be for bass and one for guitar. I'm using the WinISD software speaker cab design program. The bass speaker it gives very high marks to is the Eminence Kappa 15, and I already have a cab built that is right on the specs. My question is does the high wattage rating of 450, make any difference ? I know some here swear by the Carvin PS15 rated at 300 watts, so is there a problem... Help is appreciated..

Ztarman

Subject: Re: Speakers Again !

Posted by [stevem](#) on Mon, 20 Jun 2005 17:48:38 GMT

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The wattage rating makes little to no difference for a bass driver. Its just a factor of how much heat the voice coil can handle. What is paramount, is the the speakers SPL rating of which if my memory is correct the 15 kappa`s are 102DB, which is the highest in the bussiness that I have seen. The carvin 15 is made by eminence and you can go on carvins site to get the T spec`s, but to by it from carvin would just mean having to pay another middle man. Parts express seems to have the best pricing on the eminence line. Also some cast frame speakers need longer mounting screws than kustom cabs come with.

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Mon, 20 Jun 2005 18:58:45 GMT

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Thanks Steven, Oh for the day when we knew not, and our only concern was playing all night long. This software gives the Kappa 15 an efficiency bandwidth product rating "EBP" of 119.2 in a vented cab 18.33 x 29.33 x 11" which just so happens to be the size of one of the cabs I have. I'm leaning towards the Jensen Mod 10-70 or the Mod 12-70 or the Carvin GS12-75 for the 6 string guitar cab . The Carvins are \$12 less and are said to be comparable to the Celestion Vintage 30 . Any insight there ?

Thanks ...

Ztarman

Subject: Re: Speakers Again !

Posted by [stevem](#) on Tue, 21 Jun 2005 12:50:14 GMT

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That carvin model is made by eminence, and it uses the same cone as the eminence model gb12 which uses a brit/celestion made cone. The gb12 sound very good, big enough magnet for tight

bass and it does not have the percing highs the some of the alnico mag jensens do.

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Tue, 21 Jun 2005 13:43:59 GMT

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So, which would you buy, the Eminence or the Carvin ???

Thanks ...

Ztarman

Subject: Re: Speakers Again !

Posted by [stevem](#) on Tue, 21 Jun 2005 17:12:12 GMT

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I have never heard the carvin, since its made with a different voice coil and rated at 75 watts, not 50 like the gb12 it may not sound just like mine.

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Tue, 21 Jun 2005 17:43:12 GMT

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Thanks Steven, The Carvins are \$20 a pop so if I hate them I haven't lost much. I was thinking I would get 2 12" 16 ohm speakers for the guitar cab and one 15" 8 ohm for the bass cab. That way I'd have 8 ohm load in both cabs, and if I wanted to plug them both in, I would end up with a 4 ohm load. Who knows it might sound good... I don't perform anymore, just me in my studio , a one man band.

Ztarman

Subject: Re: Speakers Again !

Posted by [BC](#) on Tue, 28 Jun 2005 10:04:44 GMT

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I have successfully used bass and guitar speakers in the same cabinet to increase the frequency range. I am not a tech guy ...just a player who likes to try new things. It is sort of like building one of the home stereo speakers with a woofer and a mid and a tweeter if you want it. My 3x15 siren cabs have a CTS bass speaker in the bottom.....a Jensen Guitar/PA load in the middle and the siren horn on top. The addition of the CTS really lowered the range of these cabs. A friend also altered a Kustom 2x15 to a 1x18 Black Widow and an Alnico 12 in the top for a guy who was playing a 6 string bass to get more bottom. There is nothing wrong with the sound of 15s for guitar...remember Fogarty used 15s for his Kustoms.Something to consider. BC

Subject: Re: Speakers Again !

Posted by [C4ster](#) on Tue, 28 Jun 2005 13:37:35 GMT

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Fogarty's kustoms had JBL D130's in them. The 15" D130 and the newer E130 have the same frequency rating as the 12" D120 and E120, 50-6000 Hz. Most of your guitar frequency spectrum lies under 5000 Hz but the sizzle is much higher than that. The police siren is fine to look at but can be downright painful if not crossed over properly.

Conrad

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Tue, 28 Jun 2005 14:17:39 GMT

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The cabs will be seperated as I have two , and the specs call for a specific size cab and vented ports for the bass speaker to sound at it's best . Just makes sense to do it that way to me. The 2x12s will be here tomorrow. The bass speaker will come next. I'll let everyone know what the 2x12s sound like by them selves and as well when I add the bass speaker cab. Give me a couple weeks to bring it all together...

Ztarman

Subject: Re: Speakers Again !

Posted by [BC](#) on Tue, 28 Jun 2005 19:27:01 GMT

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I agree Conrad.....that Siren is WRONG. Have you had success with a particular crossover? I have heard guitar through the D130s and it is nice....as a personal preference I like the ALtec 418-B for guitar a little better.....and that is unusual for me as I am usually a JBL guy first. BC

Subject: Re: Speakers Again !

Posted by [JohnF](#) on Wed, 29 Jun 2005 15:09:39 GMT

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I'm a JBL guy as well, but I picked up a siren/jensen cabinet with the intention of replacing the speakers, and am very pleasantly surprised! I use them with my Gibson 335, and the combination sounds great. Granted, you do have to roll the treble off quite a bit, but it's not harsh at all, and I can get sounds from mellow to biting with ease.

Of coarse, you can't beat a pair (or four of a kind?) of D140's for bass!

Just one more opinion

John

Subject: Re: Speakers Again !

Posted by [stevem](#) on Wed, 29 Jun 2005 16:56:14 GMT

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Last night I heard a speaker for bass in a kustom. Some time ago I purchased 2 pionner 12" guitar speakers from parts express and a friend likes them so much he got 2 of their 15"s which sound great for the price. They go from 40HZ to 4000HZ, rated at 96 DB, and have a 50OZ magnet, just about a duplicate of the CTSs. And at 70 bucks ea who can bark about that.

Subject: Re: Speakers Again !

Posted by [stevem](#) on Wed, 29 Jun 2005 16:57:32 GMT

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Only thing is they only offer them in 8 ohms.

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Thu, 07 Jul 2005 15:35:47 GMT

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Hello , The Carvin GS12-75-16 speakers have been installed in the cab I talked about . I cut two 3" ports on either side center between the speakers . I was gonna tune them with 3" PVC pipe but haven't yet. I gotta tell ya it's hard to believe for what I paid these sound so good . Line6 Pod through the K200B-1 on the left bright side kicks some butt !!!

I found out about them from a web search and this is what the guy said.

"I've been studying and experimenting with speakers for YEARS.

You name the material, magnet type, cone type and overall design and I've either experimented with it or at the very least studied it. If you want something punchy with a lot of top and low end and a rolled off midrange, try the Carvin GS12. They are Carvins old Brittish series lead speaker and they now sell them for next to nothing". <http://www.carvin.com/products/>

\$19.99 each , Wish I had bought four instead of just two, hey I'm gonna go buy two more. Next I get the Eminence Kappa 15 and install it in the bass cab. Later ...

Ztarman

Subject: Re: Speakers Again !

Posted by [stevem](#) on Thu, 07 Jul 2005 22:56:26 GMT

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If you favor a scooped mid tone, than any speaker that has a britsh description I would not consider, since the fat mids with a chimy top are what they are known for. A C12K jensen may be just what you are looking for how ever! Or the new eminence red white and blue model from the patriot line.

Subject: Re: Speakers Again !

Posted by [ztarman](#) on Fri, 08 Jul 2005 02:41:54 GMT

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Thanks, I'm not interested in any other speakers now. I think these will do just fine. Nice mellow tone for Jazz and crunchy punchy with the various goodies in the Line6 Pod . Hard to beat price to boot ...

Ztarman
