Subject: Hey RBP
Posted by bean_counter on Thu, 22 Mar 2001 07:29:23 GMT
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Ready to think about L200's yet?Here's what I've got:LE-15B's in 4.5 cu ft vintage furniture cabs; sliding bottom panel cut-out (cab is on legs) for adjustable venting2420's on Edgar round horns (800hz cross)3131A crossovers (huge! out of 4331A monitors somebody parted out)My main question is about proper venting for the 15B. WAF dictates that the cabs stay, but venting can be adjusted. marc g. told me the stock venting was 2 4" dia. tubes, 7.5" long. Seems like a LOT of venting for a really loose woofer. I've narrowed the gap on the sliding panel quite a bit to focus things a bit more.Anyway, any hints would be very much appreciated. I'm driving them with PP 6B4G's, and they have GREAT potential if I can tighten up the bass a bit.

Subject: I am with you!
Posted by RBP on Thu, 22 Mar 2001 07:40:18 GMT
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Gut feeling is (2) 4" Ports about 9" long.Let me number crunch and see what this looks like.I think the above will get you a solid -3dB at 21hZ...-2 at 24 hZ and level at 28hZ.This is strictly off the top of my head. I do prefer rear ports, 3 12th's the way from the top of the rear baffle. Space them symentrically side by side.Now I will number crunch to see what this looks like on paper.

Subject: Your take Wayne??
Posted by RBP on Thu, 22 Mar 2001 23:08:45 GMT
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I cannot find the parameters on the L15B JBL driver...and have used them for years. The above port sizes for a 4.5 cu ft. will give him some great low bass and punch, without that nasty 47hZ "bomp" I feel.He will need 2" of fiberglass on all walls and the rear.Could you run the numbers and see where it lays?Appreciate it.

Subject: Re: LE15B data seems to be non-existant
Posted by bean_counter on Fri, 23 Mar 2001 00:25:07 GMT
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I tried asking at audioheritage last fall and they didn't have anything, either.Someday when I have the time, I'll take them to a speaker shop in Chicago to get measured. But that means taking them out.... hmmmm, not so sure now....Think they'll go that low?! I cranked up the Saint-Seans organ concerto, and it seemed to go aaaallll the way down. My amps only do 20hz, tho.

Subject: Re: LE15B data seems to be non-existant
Posted by RBP on Fri, 23 Mar 2001 00:44:58 GMT
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Q: Do I think they will go that low?Big time. I have heard them in multiples of 3 hit 15hZ as fat as anything avalible.My port sizes are not scientific, but artful.You try them, you will find they will correct a lot of problems, and you will have the serious bottom provided the internal dampning material is there.

Subject: I'll look for it tonight
Posted by Wayne_Parham on Fri, 23 Mar 2001 01:29:47 GMT
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I'll look for it tonight. Right now, I'm not at the desk with my files, but I'm pretty sure I have at least T/S specs.

Subject: LE-15 T/S parameters
Posted by Wayne_Parham on Fri, 23 Mar 2001 06:47:21 GMT
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JBL LE15Afs 20Qts 0.21Vas 26.0Eff 2.6Pe 100Xmax 0.16Dia 13.2Qms 5.5Qes 0.22Re 8.8Le 2.2Bl 22.0Mms 97flux 0.90

Subject: Re: nope, LE-15B's have a cloth surround
Posted by bean_counter on Fri, 23 Mar 2001 13:09:17 GMT

rather than the usual foam. Pro designation was 2216.

Subject: Bean...Go with the Ports I recommend.
Posted by RBP on Fri, 23 Mar 2001 20:42:09 GMT

It will sound musical.

Subject: Re: I'll give it a go this weekend
Posted by bean_counter on Fri, 23 Mar 2001 23:07:53 GMT

spouse permitting, of course ;-)