Subject: double bass horn
Posted by Michael Ray on Thu, 20 Feb 2003 16:47:49 GMT
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I've posted on the high efficiency speaker forum, and someone suggested I post here as well. I'm looking to amplify a double bass. My original idea was to use a high efficiency bass horn driven by an SET amp. But I've been told that SETs don't generate that kind of power. I am still philosophically attracted to tube designs, but I wouldn't rule out SS amps. Anyway, I had envisioned this big circular sort of snail shaped horn, about six or seven feet in diameter, with of course, a quite long horn path. The horn mouth size might be a limiting problem. Anyway, a wall and floor could always be used for continuation of the horn. The bass will be most commonly bowed, so there is a lot more treble information than when it is plucked. I'm hoping to avoid the EQed sound that is commonly achieved by jazz and popular music bassists. However, if the speaker must err, I'd rather it err in the treble range than in the bass range. The goal is to use the amplifier in live music (club) settings. The instrument would have to compete with a non-muffled acoustic drumset. Other recommendations I've heard are Karlsons, TQWT and TL designs. In stereo speakers, I like the concept of single full-range drivers. I like that concept for this application as well, knowing however that that may not be feasible for the bass demands of this application. Any recommendations?

Subject: Re: double bass horn
Posted by wasteh202 on Thu, 20 Feb 2003 19:30:39 GMT
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If you are sold on the single driver design, I would stick with the folded horn for the box. Check out The Hornshoppe, Jericho horn or ZHorn (there are many others). The Pi Studio Series 2 Tower will give you good bass extension without and have no XO (like a single driver) and are priced in a way that is hard to beat.As far as less sensitive speakers, the EL34 amps that have more power than SET's are very popular with tube listeners and even with more sensitive speakers like horns (even folded horns).

Posted by Wayne Parham on Fri, 21 Feb 2003 05:41:11 GMT
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You'll find placement options are good too, because it fits nicely in front of a stage when placed on its side and is stackable too. They look and sound great placed in standing groups as well.

Subject: Re: double bass horn
Posted by JLapaire on Sun, 02 Mar 2003 14:25:29 GMT
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Where do you live?  I'd drive a reasonable distance to hear my Karlsons driven by my Crown with an acoustic bass as the source.  The two cabs stacked with 500 easy watts should keep up with the drumkit.I'm in W Mass.Pi 10s should also crank, maybe build roller blade wheels into the back bottom of the cabs so you could tilt them back and move them around yourself.John

Subject: Re: double bass horn
Posted by Michael Ray on Wed, 05 Mar 2003 17:51:21 GMT
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I live in Mobile, AL.  Probably not a reasonable distance.