Subject: 100-600Hz
Posted by Klaus on Wed, 06 Oct 2004 08:53:00 GMT
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Thanks Bill and Julenk for the reply on the Yamaha Horn question.I really need a good sounding horn from 100 - 600hz.I have a WO from Steeve Deckert for the sub.This rubber throat horn has two 10" and sounds really powerfull and clean in the low region from 35-150hz, but i miss a loud enough low-mid.Anyway I need a horn that will cover the region mentioned above.I would like to use a 8" high Fs light cone speaker in a straight horn design but that seems to get to big. Do any of you have an idea what to build in this case.I would like to keep it under 24" wide.Klaus

Subject: Re: 100-600Hz
Posted by Mike.e on Wed, 06 Oct 2004 11:17:45 GMT
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100-600hz horn will be a large horn! 1/2pi loading only,big mouth,long horn.use HORNRESP to model up prospective drivers.Straight horn will be massive! Can you fit one of perhaps 1metre long??Cheers!
horn info

Subject: Re: 100-600Hz
Posted by Wayne Parham on Wed, 06 Oct 2004 22:55:59 GMT
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Hi Klaus,My vote is that you check into building one. I think you will have little trouble covering the 100-600 range and can probably do it nicely with an easy-to-build horn having straight side walls for its flare.Where will these be installed? As has been mentioned, that's very important and goes to the point of how large the horn must be. If it will be used indoors, and particularly if used in corners, the horn can be considerably smaller than if it will be used in freespace.Wayne