Subject: 1.4" Horn
Posted by Raj on Tue, 16 May 2006 22:51:50 GMT
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I have a Radian 745 1.4" throat compression driver and i'm looking for a reasonable priced horn for it that goes down to 800hz. The only thing I can find is a DDS horn which is $180! Can a horn be custom made with wood or fiberglass for this driver? If so, how would I go about doing that? Thanks for your help.Raj

Subject: Re: 1.4" Horn
Posted by Wayne Parham on Wed, 17 May 2006 02:10:37 GMT
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Round horns are easy, so if that's what you want, just pick the flare rate and shape (exponential, tractrix or conical) and plot your expansion. If you want a radial horn or some other shape, you'll want to do a little more work, both in design and planning and in construction. One way to do it is to model with Hornresp, get an expansion rate that you like and then make a mock-up with inexpensive wood like MDF. Test and if it's what you want, then make a better version with more attractive wood.