Subject: Alpha 6 and horn loading
Posted by Adrian Mack on Sat, 29 Mar 2003 08:35:14 GMT
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Hey everyone.Have been playing around with the Eminence Alpha 6 driver in a tractrix horn. Does this look like a good response for 200Hz-800Hz? (I can use different compression drivers on my JBL 2370's so I only need 800Hz and not 1.6KHz). Wayne, I kept in mind what you told me about the throat diameters. This is only a 6" driver, does the throat of 20cm^2 pose any problems? Is it still too small?Seems like the horn has to be 77cm long!!! HUGE! I think this is for a normal shape though, the shape that Hornresp has in the schematics. I want to build one like the horn pictured on the bottom of this picture:Does Hornresp calculate dimensions for these? If not, how can I do this? Does making it this shape even decrease the length at all? (front to back is what I call length :). I dont think I can live with something that is 77cm long :PI have heard that large horns sound a LOT better than small ones. Would I be better off making one with a larger mouth?Thanks!Adrian