
Subject: Re: Foldes Bass Horn plans

Posted by [freddy](#) on Thu, 21 Mar 2002 12:56:51 GMT

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Greetings Shekhar, as Walt says in his post below and as you know from experience, conventional basshorns built to 1/4 size or less will not give great low-frequency performance as they approach cutoff -- also they become bulky below 70Hz flare and more so when stacking in multiples - I've not heard the new C-V but assume they use a long-throw 18" like Digital Designs' "Beast" a reflex has a better figure of merit in LF than horn for equivalent bulk and to my ears a Karlson with good driver and back plus tapers braced will outpunch both reflex and practical sized horns Rog Morale presents several designs for 18", one with fairly long path but Walt and his brother Martjin built that and were disappointed compared to their Karlson boxes - My Karlson both stock and mod do better for solid sound below 100Hz than my Peavey FH-1 or Sentry IV - - more than measurements, - Karlson 15" seem to excell on transients such as kickdrum and heavy bass - a approximately scaled 18" Karlson might be a winner for PA application - Cetic Gauss marketed one in 1970's - if you're in US then Eminence Sigma could be a nice 18" for low cost (~\$125 discount) assuming its power handling is sufficient for your needs Wayne's 10pi horn may well work better in LF. Here's Rog Morale (horn/bandpass/scoop) and Job Ulfman's (Karlson) links: <http://www.speakerplans.com/index.html> <http://studict.student.utwente.nl/e.j.j.ulfman/Bestwishes,Freddy>