Subject: Basshorn driver specs
Posted by Kevin Jordan on Sun, 03 Oct 2004 14:57:56 GMT
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On the subject of basshorns, there seems to be two schools of thought. The traditional"old school" method is to use large, stiff, high fs, low xmax woofers. The reasonsstated for this choice are that the horn makes the bass and excursion isn't required becausethe horn transforms high pressure low excursion at the cone into low pressure high volumeat the mouth. Then there is a new school of though that uses small, compliant, low fs,high xmax woofers. The reasons stated for this choice are that even though excursion isreduced, the deepest bass requires excursion anyway, more than is possible with theold school stiff drivers. They say the use of high fs, low xmax drivers is largely due tofolklore and should be avoided. With drivers like the LAB12 (fs=22, xmax=13mm)and the HL10 (fs=32, xmax=11mm), it would seem the common trend is towardslow fs, high xmax drivers for basshorns, just like for other bass speaker designs.What are your thoughts here?Rgs,Kevin