Subject: Re: Piezos / 2 way designs
Posted by Paul C. on Thu, 10 May 2001 18:31:19 GMT
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I think the KSN1188a is a later version of the KSN1086 (if I remember the old number correctly), and with its 800 hz - 20 khz it is right where I want to cross to the horn. 15" Woofers begin to narrow their dispersion above 1 khz.As far as the horns... (FYI other guys, the Parts Express 270-099 is a no-name ABS plastic horn appx 15.2" x 5.125" for a whopping $8.80. The 260-095 is a 16.5" x 6.25" horn for $23.80... still a great price. There is also the 270-095 10.3" x 4.9" horn from CTS, $14.25.)I had never used the 270-099 before, but I figured, how bad could it really be? And at $8.80, I was curious. As it turned out, it is quite thick material, has an aluminum threaded insert in the throat. While it may not hold a heavy dynamic horn driver in daily pro use, the very light KSN1188a driver (or KSN1142a) should be no problem.Well, these cheap horns look VERY good and sound just fine to me. I intend to use them again on future projects. I can see no reason to spend more on the very slightly larger 260-095 horn, or smaller CTS made 270-095. If I am going to a better horn, it will have to be a much, much more expensive unit.I have also put these KSN1188a drivers on the CTS made 270-095 horn. They sound just as good on either horn. The 270-099 cheap horn is thicker, stronger looking than the smaller CTS horn. IF I were building a small PA or floor monitor, with 10" or 12" woofer, I would probably use the smaller Parts Exp 270-095 CTS horn with KSN1142a driver (1800 hz driver) with a 10" woofer, and either the 1188 or 1142 with the same small CTS horn with a 12" woofer... to better fit the baffle board.So, for a mere $37 plus shipping, the KSN1188a and the 270-095 make a heck of a good horn/lens combo.

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