Subject: Best value for tweeters for La apps? Maybe... horn loading?
Posted by Aaron D on Thu, 05 Jun 2008 07:41:46 GMT
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It looks like I am a little late to the party with this find but I haven't seen it discussed much outside of the original forum that I linked.We all know how hard it is to find a reasonably priced tweeter that will cross low enough to maintain a low enough CTC between the other drivers. This link suggests using the Dayton ND20FB in a simple horn loaded configuration that allows a crossover point of 1.3kHz w/ a horn a little over 3" wide. That calculates to almost 10" CTC spacing for the mids I believe. (start reading about 1/2 way down):http://www.diyaudio.com/forums/showthread/t-101908.htmlI don't know much about horn theory or application but it seems like a good idea unless something obvious is being overlooked. My questions would be along the lines of how the horn loading effects the raw driver specs such as Fs, distortion, and power handling. The raw driver Fs 1,700 Hz.This link is also provided in the info above but it sums everything up nicely:http://www.diyaudio.com/forums/attachment.php?postid=1194160&stamp=1177617133With the current sale price of $4 a piece for the ND20FB-4 the price works out to about $31/foot. The ND20 tweeters already have the reputation of being an excellent performer for the money:Let me know what you think.Thanks,Aaron
ND20FB-4