Subject: Re: General evaluation of midrange drivers
Posted by Norris Wilson on Sun, 19 Apr 2009 16:10:40 GMT
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Thanks Wayne for your information, and intertaining my uneducated questions.A few more questions / thoughts if you would please?In looking at your Nine Pi horn design, I see that it has a 40 degree dispersion angle. Obviously, I know very little to nothing about horn design. But, from looking at a few designs intended to be used in this frequency range for studio or home use. The majority of them are 60 degree to 90 degree horns.I can only assume that a 40 degree horn would require alot of distance between it and the listeners to obtain a proper stereo image?Have you experimented with other midbass horns designed to be used in a home environment where distance is at a premium?If so, what would be a good angle of dispersion for such a horn at these frequencies, from 100Hz and up?Also, have you experimented with a posible double mouthed bass horn using the basics from your 12 Pi subwoofers, a single push-pull set of woofers.The idea of a pair of midhorns mated to a single basshorn positioned in the center between them sounds interesting. Using this main speaker set up with a few more subwoofers placed into the rear of the room for distributed bass response might prove very dynamic?Have you given much thought to this type of system before?ThanksNorris