Subject: Re: Baffle spacing, phase angles and time alignment, revisited
Posted by spkrman57 on Wed, 14 May 2003 09:22:54 GMT
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Wayne, Good explanations there, I will admit that I do more skimming of information like this than I actually do understand it. I do catch the general theory if not the math involved. I have found some of these things out the hard way(I am old-school trial and error student), so get many of the same results, just takes me longer to get there. I have found that using Martinelli horns(current setup), I have to extend the front of the horn about 1" in front of the woofer board. That gets me the 7 1/4" half wave length in regards to the woofer VC. I am close to the "horn-to-woofer" distance of 13 1/4" spacing you mentioned. I have experimented with different spacing between the woof/tweet and have noticed much interference in the sound around the upper midrange. I have also noticed that if I place the woofer too high off the ground(closer to ear level), I pick up too much unwanted sounds from the woofer. Thanks for the furthering education !!!!! Ron