
Subject: Look at the wavelength calculator I found ?
Posted by [Ka7niq](#) on Wed, 13 Jun 2007 01:38:28 GMT
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The spacing in my VMPS RM 40's between the two 10 inch woofers is 54 inches. According to the wavelength calculator, that is one wavelength at 250 hz. I read somewhere that speakers need to be crossed over BEFORE they are 1/2 wavelength apart. That would mean I need to cross at 125 HZ ? I can do that, but my ribbons will not go down there. NOW I think I see why VMPS staggers the roll off of their woofers ? I really did not want to go back to the stagger tuned woofers because I do not like the idea of part of my midrange being reproduced by a 10 inch woofer stuck high in the air. I am sensitive to Image shifts, and when I have the levels of the main ribbons set low enough to blend with the woofers, I can sometimes here the Image "jump" up to that top woofer. Dunleavy used widely spaced woofers in the SC 4, anyone know how he got away with it ?
