Subject: Re: My point of view, if interesting.
Posted by Wayne Parham on Wed, 27 Mar 2002 15:10:59 GMT
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Do some research on directivity, specifically about the principle of matching directivity of adjacent subsystems through the crossover region. Three-ways have their advantages, but so do two-ways. The idea of the DI matched two-way is to crossover at the point where the midwoofer directivity has narrowed to match that of the HF horn. It is a rather high crossover point, so the vocal range is generated by the midwoofer. That works out pretty well, since it moves the crossover frequency above the critical midrange band.