Subject: Re: Coaxial Drivers (1pi Tower Maybe ?)
Posted by SteveH on Fri, 26 Jan 2007 11:37:22 GMT
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Fred, Im really looking forward to seeing your work and hearing your comments ! In reading the review, it seems most of the gripes perhaps would be smoothed out by a different crossover arrangement. Im kinda surprised at the crossover they used anyway; as some other coaxial drivers (PAudio for example...) are simply using one capacitor - that's it."...One big advantage of a coaxial speaker is that the compression horn tweeter is separate from the woofer--but still coaxially located for pointsource sound. Because of this, it is possible to use different value capacitors to control the point at which the tweeter begins to play. Doing so can change the sound from 'soft, warm, and smooth' to 'clear, bright, and detailed'. You can do this manually by wiring in capacitors of different values. Or you can use the above 'single pull, triple throw' high quality switch to wire up three different capacitors at the same time. Select whichever one best suits the recordings you're listening to. It's like having three different speakers. This is not an 'L-pad' which just turns the tweeter volume up or down. This switch changes the crossover point to completely change the nature of the speaker. "Thanks again. Steve