Subject: Re: Upon further investigation..
Posted by Wayne Parham on Tue, 29 Jun 2010 02:34:23 GMT
View Forum Message <> Reply to Message

I think the MTM idea is definitely doable, but I find that the nulls are well spaced using the matched-directivity two-way approach I employ, so I'm not sure the MTM gives anything extra. The whole point of both approaches is vertical control and we have that at HF by virtue of the horn, and through the crossover region, by virtue of the crossover and driver spacing, with vertical nulls set far apart.

Likewise, I find the 2.5-way to be another useful configuration but I think it is even better to detach the "helper" woofer and make it a dedicated sub. The benefit of using multiple subs comes when there is some distance, so having stand-alone subs makes more sense to me. I think if I am going to have three drivers, I'd prefer a dedicated midrange, albeit it one that goes deep enough to have a lot of overlap with the woofer. I think there is something to be gained from the 2.5-way approach though, and especially if used with multisubs.