Subject: Re: Arrays speaker placement "in wall"
Posted by Brad on Tue, 02 May 2006 12:41:00 GMT
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I have a room that is 32’ long , 22’ wide and 18’ ceiling. One long wall is about 50% open to the rest of the house. The 22’ wall with the array would be the theater wall with the usual seating. The far end there is a pool table-bar area. I would like to set up a speaker system so if I put music on the people sitting in the sitting area are not over powered and the pool area can here the music. I placed my Infinity 2.5’s on the theater end and to get the volume in the pool area the seating area is so over powered. This is what is getting me to think of the arrays with the 3db drop off. The speaker side wall is an exterior wall with 2x6. I was thinking of cutting out one of the studs with the correct bracing to get the volume need. Maybe now that I am thinking more about this I could bore holes into the next cavity? The single 16” cavity, I think, would be to small after (cabinet) reinforcement, need to do some calcs. I have always loved the ribbon sound so I would look into a 5’ array of the BG neo3PDRs with PE RS 6” woofers. I would love to try the BG 10s with the BG 3s but I do not think BG is going to let them go to the public. Two subs for the lower end.I wonder if the whole length of the room would be in the near field? I saw a calc somewhere; I’ll have to look for it. A post a while back was talking about the x-over and the near field far field. When going from the near to far what would be the sound differences perceived and measured?Brad