Subject: Re: Questions on the 12 and 3 pi subs
Posted by Wayne Parham on Mon, 27 Apr 2009 05:49:14 GMT
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Yeah, in small bars, I'd rather use a multisub approach. It's also pretty easy to transport and carry

four in series/parallel and bridge the amp.Don't skimp here, I'd use at least two for each of your mains and it wouldn't be out of the question to go for a ratio of 3-to-1 or even 4-to-1. Indoors, the more you have the better, and scatter them all around for best results.That is exactly the opposite thing you would want to do outdoors or in a very large room. Outdoors, you want to group the subs together, close to the mains if you can. For coverage, most times they're grouped on each

least as close as possible.Many people think this applies indoors too, but it doesn't. Indoors,

the source. This self-interference causes deep notches at certain bass frequencies in various places throughout the room. By using several subs placed around the room, holes from self-interference from one sub will be filled by another. That's why it is good to spread them around spacially. It tends to average out the sound field and make bass response smooth and uniform throughout the room.The moral of the story is to use as many subs as you can afford, and spread them around. Space them apart in all three dimensions, several feet apart. Put a few across the stage, put a couple up off the ground, put some at the front of the stage and some further back. Using several subs will help give you enough SPL in the bass range and it will also smooth the sound field. Where indoors bass is concerned, using the multi-sub concept, you can't have too many subs because you can always turn the power down. The more positions you have subs placed, the smoother and fuller it sounds.