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Subject: Re: I need some good PA designs that can work for JBL drivers!!!!!!!

Posted by [Larry Acklin](#) on Mon, 14 Jul 2003 16:44:31 GMT

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Don- I agree with Wayne's suggestion of the 10 pi. Put a pair on the FLOOR, each side, next to each other, so the horns couple, and you will get loads 'o bass. Two horns in close coupling get you more and a lower cutoff. (I would not go below 60 Hz tho.) Your design should include some 12" mids- 200-300 hz crossover(?) in bass reflex boxes- I would guess 1 ea in 2 boxes per side, and 1" exit compression drivers coupled to HF horns- possibly the PSD2002 Wayne is fond of. I would configure a pi aligned box for one 12" and a horn.(total 2 mid/high boxes per side) on top of 2 ea. 10 Pi boxes per side as bottoms. Configure the mid/tops with Waynes crossover design (suggest about 1500 hz or higher)from mid to HF, and plan on bi-amping the bottoms and mid/tops.Expect to use a minimum of two amps, one in stereo mode with 2 bottoms per side, and the inputs (only) Y cable connected.The other amp same way, 2 mid/top boxes per channel, with the inputs Y connected.Active crossover (behringer or peavey, or whatever)LOTS of AMP! Figure a pair of Crown XLS602 or QSC RMS1850 as a MINIMUM.Stage monitors are a whole different topic.(been doing this a lot this summer)(outdoors,too)Larry Acklin