Subject: Re: Porting of Line Array Posted by Anonymous on Tue, 06 Dec 2005 16:55:33 GMT View Forum Message <> Reply to Message

I don't see any reason why you can't change the design. If it wasme I'd do rear ports with driver chambers. When you chamber the boxit also serves as box bracing which is always good. I would alsoadd MDF panels to the inside of each chamber to add wall massto lower cabinet resonance and as a bonus install a wooden rod [or whatever] to cross brace the left/right chamber walls as it willcouple the two sides and lower cabinet resonance even more. Install some sound conditioning polyfill [loosely] and tame theecho. If you want to go the extra mile, make denser soundconditioning pillows for each wall of the chamber [except frontbaffle], use Acousta-Stuf polyfill or fiberglass encased inpolyester batting to keep the fibers inside the 'pillow', attachthe pillows to the wall using 3M spray glue. This will leave thechamber 'open' so the port functions well.Like this;http://home.pacbell.net/lordpk/robarray/16.jpgThis is what the inside of one chamber looks like when peeking intothat 6" port in the back. Those pillows are on each wall, the portis able to function well as there is no obstruction by filling thewhole chamber will polyfill and it kills the echo very well.If you execute the cabinet construction well, it should be pretty sweet.

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