Subject: Re: Trapezoid enclosures
Posted by Maxjr on Mon, 19 Sep 2011 18:59:42 GMT
View Forum Message <> Reply to Message

Wayne Parham wrote on Mon, 09 February 2004 14:34There's no harm in making your cabinets this shape as long as the cabinet volume is kept the same. All box volume calculations are the same - The Helmoltz resonator formed by the bass-reflex cabinet doesn't care if the volume is formed by a box, a trapezoid or a bottle.
Wayne, I've been thinking about this lately and going toward the direction of building trapezoid cabinets for my 4Pi pair. I wanted to see if anyone has actually implemented this and what their thoughts are, as well as if this is still your recommendation. My reasoning for the trapezoid enclosure is since they will be toed in 45 degrees, this shape will make them more visually appealing as well as functional as one of them will be right next to a walkway.

I would keep the baffle width and height and keep the internal volume and port dimensions the same. The end result would look something like a standard JBL PA cab.