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Subject: Rear ports for PA speakers?

Posted by [RyanH](#) on Tue, 15 Jan 2002 21:42:38 GMT

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Is there any disadvantage to putting rear ports on stand mounted 2 way PA speakers? I plan on building some with 15" Eminence Kappa 15LFA woofers, and since these need to be easily lifted, I don't want the sides (i.e. handles on the sides) too far apart. I want to make the baffle as narrow as possible (to an extent) and put the ports on the back. Would this do any harm? they will most likely be out in the room a little, I can't imagine them being jammed against a wall or something. Another option is to just put them under the woofer (not offset to the side), this would work too, but I just want to know all of my options. Thanks!--Ryan

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Subject: Ports in the back why not?

Posted by [Robert Hamel](#) on Wed, 16 Jan 2002 00:16:32 GMT

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For what its worth I have 6 pairs of reflex speakers. 3 are front 2 are rear and one points at the floor. Doesn't seem to matter as long as they have room so they are not blocked. Both my centers are rear facing too.

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Subject: Helmholtz resonators aren't "picky" about placement

Posted by [Wayne Parham](#) on Wed, 16 Jan 2002 04:02:49 GMT

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Port placement isn't critical except in some cases where standing waves come into play. If the cabinet is tall and thin, it will develop pipe resonance and if the port and/or driver are positioned in a node, then it can cause a response peak to form. But other than that, port placement doesn't matter.

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Subject: Re: Helmholtz resonators aren't "picky" about placement

Posted by [RyanH](#) on Wed, 16 Jan 2002 12:37:05 GMT

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Point taken about the standing waves. I will use some acoustic damping insulation just to be safe. Thanks!--Ryan

