Subject: Why Live-Side/Dead-Side?
Posted by GarMan on Fri, 27 Aug 2004 13:12:24 GMT
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Why not all sides in PI cabinets?

Subject: Please, What does Live-Side/Dead-Side mean?
Posted by bigfish on Fri, 27 Aug 2004 16:20:48 GMT
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Please define live-side and dead-side.thanks,Eric

Subject: Lining only opposite sides of a cabinet
Posted by GarMan on Fri, 27 Aug 2004 17:30:33 GMT
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For example, Wayne recommends putting damping material on the back side, bottom, and one of the side.A dead side (lined) always faces a live side (not lined).

Subject: Re: Lining only opposite sides of a cabinet
Posted by Matts on Fri, 27 Aug 2004 17:52:47 GMT
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I thought the purpose was to attenuate the midrange some by keeping it from bouncing between opposite faces. only one side lined is needed to do that. Putting more in than necessary would have a deadening effect and reduce the liveliness of the speaker.

Subject: Re: Lining only opposite sides of a cabinet
Posted by Wayne Parham on Fri, 27 Aug 2004 20:19:07 GMT
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That's right. What we want to accomplish is attenuation of higher frequency standing waves. Hanging sheets of insulation suspended a little way from on wall would be a great way to do it, but

it would also be harder to accomplish. The trick is to reduce higher frequency energies inside the cabinet without altering cabinet tuning too much.

Subject: Thank you, ...
Posted by bigfish on Fri, 27 Aug 2004 21:00:20 GMT
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... there is so much to learn about the differ method of loudspeaker design and construction.Regards,Eric

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Subject: Re: Lining only opposite sides of a cabinet
Posted by James W. Johnson on Sat, 28 Aug 2004 13:38:25 GMT
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Interesting, I have never heard this before. Mine Pis are 100% lined right now , i'll have to try this out.
