
Subject: Why Live-Side/Dead-Side?

Posted by [GarMan](#) on Fri, 27 Aug 2004 13:12:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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

[View Forum Message](#) <> [Reply to Message](#)

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
[View Forum Message](#) <> [Reply to Message](#)

... there is so much to learn about the differ method of loudspeaker design and construction.Regards,Eric

Subject: Re: Lining only opposite sides of a cabinet
Posted by [James W. Johnson](#) on Sat, 28 Aug 2004 13:38:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

Interesting, I have never heard this before. Mine Pis are 100% lined right now , i'll have to try this out.
