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Subject: Does Smoke In Bars/Clubs Affect Acoustic?  
Posted by [Yaser](#) on Thu, 04 Aug 2011 04:33:29 GMT

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Many, if not all, bars and clubs that allow smoking. Does the smoke in the room affect the acoustic if someone is performing on stage?

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?  
Posted by [Wayne Parham](#) on Thu, 04 Aug 2011 15:15:43 GMT

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No

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?  
Posted by [Chicken](#) on Wed, 10 Aug 2011 12:53:01 GMT

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I don't see how it could, unless it was so thick as to make the room literally uninhabitable. I suppose lots of smoke could make it a little harder for the singer, but most singers are probably used to it.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?  
Posted by [Ebirah01](#) on Sat, 13 Aug 2011 09:36:19 GMT

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Actually it will effect it, but most likely imperceptibly so. The billowing of smoke is a function of thermal displacement combined with the introduction of carbonized material into the local atmosphere, which will change the ways in which the air is compressed to transmit sound waves. That being said, the heat changes and the density of the particles are so similar to the local atmosphere, in terms of what is significant to sound travel, you can ignore it. Open burning flames may be a different story, but smokers in a club will not effect much, unless you are in North Carolina, that is.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?  
Posted by [Yaser](#) on Tue, 16 Aug 2011 06:46:35 GMT

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Thanks for that explanation Ebirah. I thought it was just the booze that I was drinking that affected my hearing. The problem is I thought the music sounded better inside bars.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?

Posted by [Nymeria](#) on Wed, 17 Aug 2011 13:25:16 GMT

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It could be that the acoustic properties of the room make the music sound better to you than hearing it outside, rather than the smoke.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?

Posted by [Wayne Parham](#) on Wed, 17 Aug 2011 14:46:48 GMT

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There's definitely a difference in sound inside verses outside. Outside, there are no reflections. Inside, you have reflections and standing wave room modes.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?

Posted by [Danny](#) on Thu, 18 Aug 2011 11:43:01 GMT

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I seriously doubt the smoke affects the sound. And I am always amazed at the really good singers that I hear and then see them outside having a smoke.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?

Posted by [Yaser](#) on Thu, 25 Aug 2011 03:35:43 GMT

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Now that makes me wonder if smoking will have an effect on the singers. Many singers do smoke so I think smoking doesn't affect their voices.

Back to topic though, like what Wayne said, there is a big difference with inside and outside buildings. As far smoke inside buildings, it was already explained by Ebirah.

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Subject: Re: Does Smoke In Bars/Clubs Affect Acoustic?

Posted by [DeccoRec](#) on Sat, 15 Dec 2012 04:49:07 GMT

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I don't know, it may not effect the singers throats much, but if the smoke is real heavy, ya' sure do have to wipe the guitars down good.

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