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Subject: What's the enhancement here?

Posted by [Leot55](#) on Wed, 29 Apr 2020 05:13:32 GMT

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I've been to a couple of Linkin Park concerts and both times there was a noticeable funnel or two attached to Rob's drums. I've always wondered what audio enhancement it provides. Does anyone know? I've attached a couple of pictures just to illustrate what I'm talking about.

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#### File Attachments

1) [Linkin Park drums1.jpg](#), downloaded 428 times

2) [Linkin Park drums2.jpg](#), downloaded 471 times

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Subject: Re: What's the enhancement here?

Posted by [Wayne Parham](#) on Wed, 29 Apr 2020 15:00:30 GMT

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A duct will modify the cavity resonance of a drum, so that may be why he's using it. Even if it's not attached to the drum, the duct by itself will create a standing wave resonator. Both or either kinds of resonances can be used, and he may like the interesting sound it creates. Or he could be doin' it just to make us wonder about it. :p

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Subject: Re: What's the enhancement here?

Posted by [Leot55](#) on Tue, 05 May 2020 21:17:48 GMT

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Thanks a bunch Wayne for letting me know what the deal was with that funnel. It's been driving me crazy since I first saw it! My buddy who was with me thought the funnel blew air up to Rob to cool him down. I knew that wasn't it.

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Subject: Re: What's the enhancement here?

Posted by [Wayne Parham](#) on Tue, 05 May 2020 21:34:51 GMT

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Well, but that actually may be what those ducts are for! It's hard to say from the pictures.

I just know that ducts can be used to change the resonance of a cavity. But in this day and age, most musicians use electronics to tailor their sound.

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Subject: Re: What's the enhancement here?  
Posted by [Csharp](#) on Mon, 17 Aug 2020 02:51:37 GMT  
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Most do, but some still like the old school methods. Certain musicians and bands have an audience that appreciates that, and the musicians themselves like the unique sound it puts out.

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