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Subject: horn throat size?

Posted by [Floyd Andrews](#) on Mon, 19 Sep 2005 18:13:58 GMT

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What is the effect of a horn throat that is too large for a particular cone speaker?

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Subject: Re: horn throat size?

Posted by [Wayne Parham](#) on Mon, 19 Sep 2005 21:11:28 GMT

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As throat size is increased, efficiency is generally reduced, but throat distortion is too. If there is no phase plug, HF response is usually extended a little bit because path length differences are reduced. These general trends continue until throat area equals diaphragm area.

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Subject: Re: horn throat size?

Posted by [Floyd Andrews](#) on Mon, 19 Sep 2005 22:06:34 GMT

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thanks, Wayne.

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