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Subject: Re: Horns, transmission lines and reflex cabinets  
Posted by [Wayne Parham](#) on Thu, 11 Aug 2005 12:28:02 GMT  
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"Output from the front is direct radiation, so no efficiency increase or directivity gain is possible."  
There is no horn loading for output from the front, which is where most of audio band comes from. No point in arguing semantics. The fact is that average sensitivity isn't increased. I'm not advocating any particular design, but I am saying that I think a physically small basshorn acts very similarly to a transmission line, and that they both act like tuned pipes.

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