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Subject: Re: Basic requirements for phase plug in horn loaded cone driver?

Posted by [Norris Wilson](#) on Tue, 02 Dec 2008 00:03:49 GMT

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Thanks JLH for your reply. What I gather from your input is that a phase plug is pretty useless for midrange frequencies and below. But, may benefit a wideband driver intended to be used above 3kHz, like a Lowther 6" in the Azura horn. Is there any benefit in using a phase plug for a driver intended to be used from around 150Hz and up to around 2kHz in a horn? Looking at several pro drivers that use a phase plug. I see that they are mostly midrange types like the Beyma 6M180, that have a fairly high frequency extension of 6kHz or more. Are there any specifications for a midrange, or midwoofer that would help identify possible use for horn loading? Thanks Norris

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