Subject: folded horns
Posted by mckenzie on Sun, 03 Feb 2002 23:15:38 GMT
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Does anyone know where i can find design info for folded horns, especially advantages/disadvantages.Thank youMckenzie

Subject: Re: folded horns
Posted by Wayne Parham on Sun, 03 Feb 2002 23:41:19 GMT
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You've come to the right place! Find below a list of posts that contain information about folded horns in this forum.

Folded horn information

Subject: Re: folded horns
Posted by mckenzie on Mon, 04 Feb 2002 05:17:06 GMT
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thanks for the quck answer, i have a fair amount of experience with DIY speakers but i am in the process of educating myself about horns so alot of this is greek to me. What kind of effciency gains to horn loaded systems offer? Am I right in assuming that different types of horns offer different effciency gains? If that assumption is right what type offers what effciency gain?Sorry to be such a pain, and thanks for all the helpMckenzie

Subject: Re: folded horns
Posted by Wayne Parham on Mon, 04 Feb 2002 16:41:17 GMT
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Direct radiators generally operate in the 1% range, sometimes as high as 5% efficiency. Horns are in the 25% to 50% range, sometimes as high as 75% efficiency. The one main drawback is they are large, even if sometimes being acoustically small as in the case of basshorns. A truncated horn can suffer peaky response and reduced efficiency. So there are tradeoffs to consider, as in all things.