
Subject: Re: Wow! Very interesting!

Posted by [Walt](#) on Tue, 17 Dec 2002 07:45:27 GMT

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Ah = cross sectional area at the beginning of the horn
Am = cross sectional area at the end of the horn
l = horn length
The numbers I gave correspond to a hyperbolic horn as it was described in a previous edition of the german magazine "Hobbyhifi" as you will model this horn you will see that in this case a too large volume will result in a non flat frequency response. In this case the volume should be kept as small as possible:
http://www.hobbyhifi.de/Archiv/02/04_02/04_02.html
Best regards, Walt