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Subject: OS waveguides

Posted by [Rapid](#) on Thu, 02 Jun 2005 22:09:42 GMT

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Hello!!I've read a few pages in Earl Geddes acoustic waveguide theory paper from 1989. It says that the oblate spheroidal waveguide requires a wavefront that is planar axisymmetric and it's found at the end of a properly designed phase plug or emitted by a vibrating circular piston. I wonder which devices would give a planar axisymmetric wavefront except for compression drivers? Ribbons (but I guess it can't be rectangular)? Other speakers? What does a dome tweeter give?I haven't taken any courses in acoustics (but is M.sc in EE), so I don't understand most of the things in the paper Anyway, it's interesting to read and try to understand./Mattias

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