
Subject: horn design

Posted by [otor4](#) on Fri, 29 Apr 2005 10:51:48 GMT

[View Forum Message](#) <> [Reply to Message](#)

Gentlemans, I'm trying to learn more about bass horn design. I've made several simulations with David McBean Hornresp and I've just found a nice functionality in the program: Hypex designer. I've encoded parameters of Kilomax 18 into it; I've indicated 0.5π space and range from 25Hz to 200Hz and the hornresp have given me a very nice looking tractrix horn. It can be folded into a kind of huge 2.5 m³ "cupboard", but this size is ok for my listening room. Is this, IMO theoretically "perfect", model also good for a real word application? Regarding graphs, will I get the same performances in reality? Is it a good idea (sonically) to try to build such a monster (actually two of them) for my 4m x 7m room? Thank you in advance, o'tor
