
Subject: Re: port/duct position question in a simple ported system

Posted by dB on Sun, 25 Mar 2007 22:31:36 GMT

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Usually when the port is very long they make it even with one side of the speaker. Doesn't matter the form of the port as long as it maintains it's ratio or area, like in a circle or a rectangle. Inside you should leave some space between the port tube and the side of the enclosure like 1/2 a diameter min. Outside it's at your discretion, if you make sure is not against a wall, you can play with it. Waves of 20Hz and below you do not hear, you can feel them. Pay attention to the maximum displacement X_{max} , you don't want to blow it with power. Check max. X_{max} for speaker damage and X_{max} on WinISD simulator to the maximum (red line) level allowed on the speaker.
