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Subject: Questions about H290C horn and 3Pi Subwoofer

Posted by [Symphonimind](#) on Thu, 14 Feb 2019 08:25:39 GMT

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Dear Wayne,

I am preparing for my first 3Pi with 4012HO and DE250. I decided to flushmount 3x 3Pi (LCR) in my studio and use with 4x 3Pi subwoofers, so I want to build optimized cabinet for 4012HO. The cabinet will be all 25mm MDF with 4mm bitum layer damping.

My questions are:

1. What is the volume displacement for H290C Waveguide?
2. Will 3Pi Subwoofer suffer from chuffing sound at almost maximum SPL (with highpass filter at 18Hz)? Should I make the port flared?

The studio is for post production built to meet Dolby Atmos specifications. The subwoofers need to produce 115dB at listening position. So I am a little bit worry about the port noise at maximum SPL the sub can produce.

The last question, can you share with me the plan for One Pi? I think I will use One Pi for surround speaker.

Thank you very much.

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