

---

Subject: Re: Cornerhorns for this room?

Posted by [dB](#) on Sun, 07 May 2006 12:37:13 GMT

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

---

Hi riotubes, After you choose the speakers you have another problem to deal with. The resonance of your space. You have a problematic "auditorium", with room modes at the baseline frequencies: 31.7Hz - Width(30.2), Length(32.7) 63.5Hz - Height(66.5), Width(60.4), Length(65.3) 127Hz - bis(132.9), (120.9), (130.6) Solutions to address this problem are (as an ex.) 1. change room dimensions (not all of them at the same time/the same way but make one bigger the other smaller or maintain one and change the other), 2. acoustically treat the room, and/or 3. equalize (slide down these freqs to have some control on them - i.e. reverberation or resonance) (S. Shenefield 1997)

---