Subject: Re: 4 Pi Home Theater Build
Posted by Wayne Parham on Thu, 01 Sep 2011 15:41:49 GMT
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The hardest thing to deal with is those rigid walls. I saw this in Europe too, lots of concrete flats with stucco walls. Hard surfaces on all six boundaries - all four walls, ceiling and floor. You can damp the midrange and treble reflections with carpets and absorbent materials; You can diffuse the reflections with bookshelves and bric-a-brac. But none of this helps room modes. The frequencies are too low for absorption or diffusion. You could install panel absorbers, basically false walls that can vibrate to absorb some LF energy. But nothing like carpets or pillows or foam will help at low frequency. The best thing to do is to add subs, even better when combined with panel absorbers.