Subject: Re: Damping H290C horn
Posted by Wayne Parham on Sat, 01 Jun 2013 14:52:07 GMT
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Bill Epstein is a big fan of using rope caulk to surround the horn. Some people do that to other horns too, and it sure doesn't hurt anything. If you don't have rope caulk, use modeling clay. Rope caulk is pretty similar stuff.

As for the bass, did you line the cabinet with fiberglass insulation? More importantly, did you put a sheet on the braces, spanning the cross-section, separating the woofer and tweeter? This is an important step, putting the damping material in the cabinet properly.

If you have done that, the problem is probably room interactions. I would suggest running flanking subs. It may seem counterintuitive that adding bass speakers would help smooth the bass, but it does. And the flanking sub approach in particular smoothes the range where you hear the lowest part of male voices and things like that. I notice it most in male voices, sometimes female too, acoustic guitar, cello and piano.

Room modes, multisubs and flanking subs
Helper Woofer Location