Subject: Re: Wayne... the kid in the candy store.
Posted by Wayne Parham on Wed, 29 Jun 2005 22:34:00 GMT
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You wouldn't believe how hot these things get. Remove the vent screen on one of your woofers. It's just a press fit, easy to remove and reinstall later. Run the woofer up to 80% power and let it play for several minutes. Put your finger down the vent and feel the surface. Down near the front plate, it's so hot it will burn you, so be careful. The voice coil is even hotter than that...Increased voice coil temperature changes electro-mechanical specs and alters cabinet tuning. It also is the cause of compression and power limits, not to mention thermal failure. By reducing temperature, we improve the speaker in all of these areas. I'm very excited by this.