Subject: Distortion vs Output
Posted by GarMan on Wed, 01 Mar 2006 18:43:33 GMT
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According to spec sheets of National's amp chips, THD declines as output power increase.As an example, THD for LM3886, 8 ohm load, 1kHz:0.03% at 10 mW0.01% at 0.1 W0.006% at 1 W0.003% at 10 WDoes this mean that if I put an L-pad at the output of the amp to reduce signal to speaker by say 20dB, I can force the chip to operate at a higher wattage and therefore, lower distortion?gar.