Subject: jbl single 2035H vs. dual 2226J shootout
Posted by Sam P. on Fri, 08 Feb 2002 18:15:36 GMT
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Well, time to settle some questions about driver sensitivity. Both systems were measured with the rat meter on a tripod, @ one meter, on axis w/ the upper driver, raw readings "uncorrected". Beckman dmm was used to measure 2.83 vrms at the speaker terminals, into the nominal 8 ohm loads presented. The lower 2035 was disconnected, so this is a SINGLE 2035H vs. DUAL 2226J's, both in identical 4508 enclosures, 8 cu. ft. tuned to 40 Hz.single 2035H: 50 Hz. 90 dB60 Hz. 97.5 dB100 Hz. 102.5 dBnasty dip to 50 dB @ 235 Hz...floor bounce?500 Hz. 102 dB600 Hz. 102 dB700 Hz. 99 dB800 Hz. 99 dB900 Hz. 106 dB1000 Hz. 107 dBdual 2226J's:30 Hz. 86 dB40 Hz. 92 dB50 Hz. 96 dB60 Hz. 95 dB100 Hz. 100 dB400 Hz. 101 dB500 Hz. 99 dB600 Hz. 99 dB700 hz. 100 dB800 Hz. 82 dB jbl data shows a dip here alsodip at 810 Hz. to 76 dB900 Hz. 100 dB1000 Hz. 101 dB So I'd call the dual 2226J's a 100 dB system TOGETHER...implying a single 2226J would be 97 dB? 94dB? From 100 Hz. to 800 Hz., the 2035 is sure giving it's big brother a good contest. It's an honest 100 dB, 8 ohm driver. And appears to be fully capable of "keeping up with" my HT fronts using the 4648A-8's. Fun trivia...I can hardly hear 30 Hz. at 86 dB, you can sort of sense it...but the 4648A-8 will blow out my bic lighter at 6 inches away from the port...lots of air moving with a single watt input. Sam has a headache, and I wore 32 dB ear muffs, guess my skull is thin and sound got inside anyway :(How the hell much does jbl have to pay people to stand around and input 100 watts and higher into these things? I must be getting old. Like Leonard Cohen said..."my parts that used to play, now hurt me instead". Or something like that. Sam