
Subject: Re: Hornsub shootout RESULTS - DR250
Posted by [Wayne Parham](#) on Sat, 15 Oct 2005 18:36:25 GMT
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Leland Crooks brought a pair of DR250 speakers that he hoped to test. So we had a little time at the end of the day and we ran a couple sweeps.

Specifications:

Weight: 40 lbs
Dimensions: 22" x 22" x 22"
Power handling: 150wrms

Frequency range: 100Hz - 16kHz
Sensitivity: 105dB/W/M
Max Output: 125dB/M
Distortion at 100 watts: 5%

DR250 Impedance

correspond to both 2.83v/1M and 1W/1M.

DR250response at 10 meters with 28.28v input (2.83v/1M)

The blue line is SPL, and the violet line shows distortion. Average distortion is 25dB under the fundamental, which is about 5%. Since measurement was taken at 10 meters, add 20dB to find SPL at 1 meter. With 100 watts input, the 10 meter measurement works out the same as 1 watt input measured at a distance of 1 meter.

DR250 impulse response

DR250 step response