Subject: Re: Interesting New Line Array Design
Posted by darkmoebius2 on Wed, 30 Sep 2009 00:20:36 GMT
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selahaudio wrote on Tue, 29 September 2009 09:38I've used the Aura version (they may make these too) and it's exceptionally good. This is a great option and has serious extension advantages over the Peerless 830987 3" I was looking at. Scaena uses this driver(modified) in their $60k-80k line arrays.

Electrical Data
Nominal Impedance Zn 8 ohm
Minimum Impedance Zmin 6.4 ohm
Maximum Impedance Zo 50.6 ohm
DC Resistance Re 6.1 ohm
Voice Coil Inductance Le 0.5 mH
TS Parameters
Resonance Frequency fs 103 Hz
Mechanical Q factor QMS 5.9
Electrical Q factor QES 1.12
Total Q factor Qts 0.94
Ratio fs/Qts F 110
Force Factor Bl 2.95 Tm
Mechanical Resistance Rms 0.28 Kg/s
Moving Mass Mms 2.45 g
Suspension Compliance Cms 965.2 mm/N
Effective cone diameter D 6.3 cm
Effective Piston Area sd 31.1 cm^2
Equivalent Volume Vas 1.16 ltrs
Sensitivity 2.83V/1m 83.8 dB
Ratio BL/v Re 1.4