

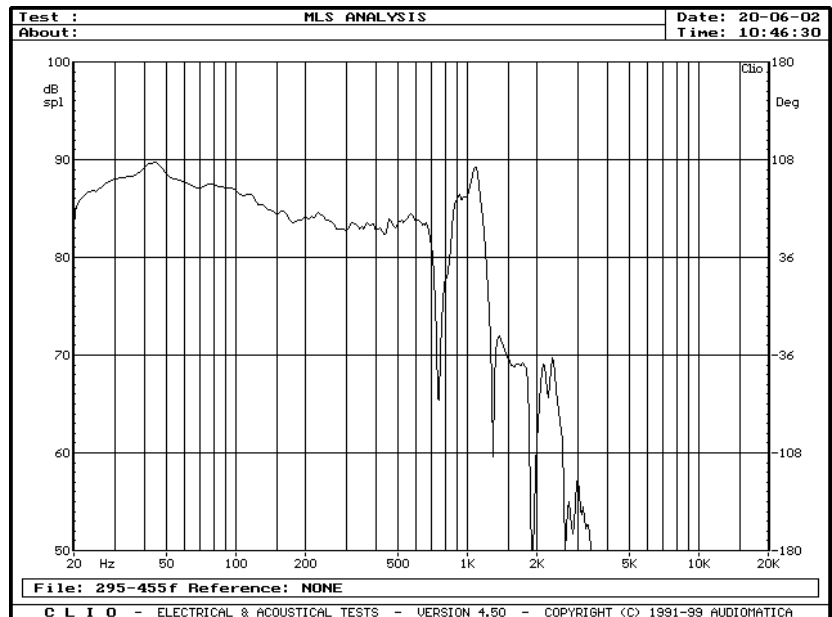


# Dayton #295-455 15" Subwoofer

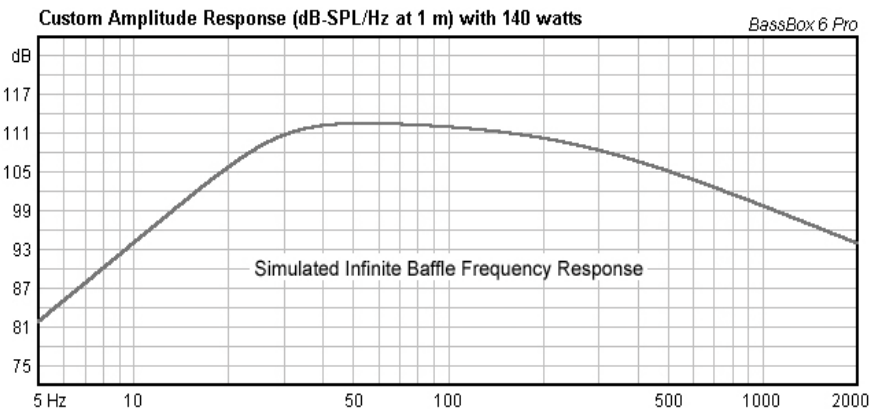
The IB series subwoofers are designed to produce extremely low, clean, uncolored bass- without the need for an enclosure. The IB subwoofers are ideally situated between the listening room and an attic or basement, using the floor or ceiling to separate the front and rear sound waves. Performance is maximized by using 2 or 4 woofers in a manifold, which helps minimize vibrations and yields an increase in sensitivity.



T/S Parameters	
<b>Mechanical</b>	
Fs	20.8 Hz
Qms	12.08
Vas	11.11 cu.ft.
Cms	.33 mm/N
Mms	176.8 g
Rms	1.92 kg/s
Xmax	14.3 mm
Effective Dia.	322 mm
Sd	819.2 sq.cm
Vd(calc)	1.17 L
<b>Electrical</b>	
Qes	0.69
Re	5.21 ohms
Le	3.08 mH
Z(nom)	8 ohms
Power(RMS)	100 watts**
Power(Max)	140 watts**
<b>Electromechanical</b>	
Qts	0.65
BL	13.20
no(efficiency)	0.397%
1-W	88.2 dB
SPL(calc)	
2.83V	90.0 dB
SPL(calc)	



Frequency Response at 2.83V/1m



Minimum Recommended Rear Volume per Woofer: 15 cu. ft.

\*\* Power specifications represent the excursion-limited power handling in an infinite baffle situation, which will always be reached before the thermal limit. Thermal power handling is 350 watts RMS.