

Specification

Nominal Basket Diameter	10", 254mm
Nominal Impedance*	4 ohms
Power Rating**	
Watts	300W
Music Program	600W
Resonance	44Hz
Usable Frequency Range***	38Hz-125Hz
Sensitivity	88
Magnet Weight	112 oz
Gap Height	0.375", 9.53mm
Voice Coil Diameter	2.5", 63.5mm

Thiele & Small Parameters

Resonant Frequency (fs)	44Hz
DC Resistance (Re)	3.70
Coil Inductance (Le)	1.60mH
Mechanical Q (Qms)	2.80
Electromagnetic Q (Qes)	0.32
Total Q (Qts)	0.29
Compliance Equivalent Volume (Vas)	19.8 ltr/0.7 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	372cc
Mechanical Compliance of Suspension (Cms)	0.13mm/N
BL Product (BL)	18.3 T-M
Diaphragm Mass inc. Airlod (Mms)	109 grams
Efficiency Bandwidth Product (EBP)	136
Maximum Linear Excursion (Xmax)	11.1mm
Surface Area of Cone (Sd)	334.5cm ²
Maximum Mechanical Limit (Xlim)	22mm

Mounting Information

Recommended Enclosure Volume	
Sealed	N/A
Vented	51-62 ltr/1.8-2.2 cu. ft.
Overall Diameter	10.7", 272mm
Baffle Hole Diameter	9.4", 239mm
Front Sealing Gasket	Fitted as Standard
Rear Sealing Gasket	Fitted as Standard
Mounting Holes Diameter	0.26", 6.6mm
Mounting Holes B.C.D.	10.13", 257.3mm
Depth	5.2", 132mm
Net Weight	16.6 lbs, 7.5 kg
Shipping Weight	18 lbs, 8.2 kg

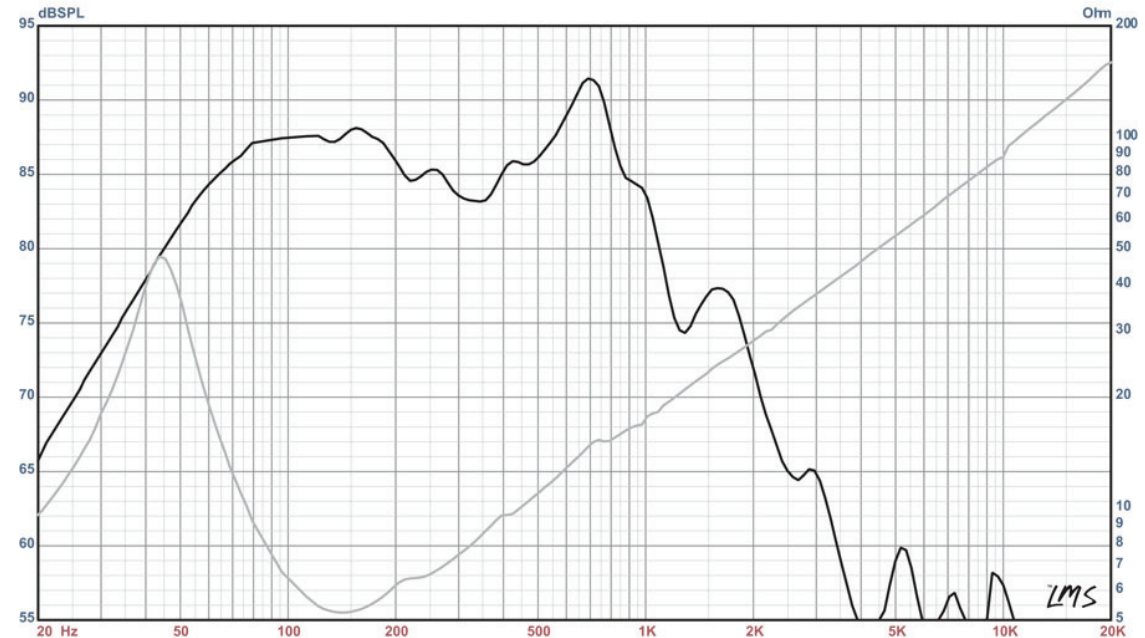
Materials of Construction

Coil Construction	Copper
Coil	Polyimide
Magnet Composition	Ferrite
Core Details	Vented And Extended
Basket Materials	12-Spoke Die-Cast Aluminum
Cone Composition	Kevlar-Reinforced Paper
Cone Edge Composition	Foam
Dust Cap Composition	Wetlooked Solid Composition Paper



HL-10C Professional Series

Recommended for vented and horn loaded, professional audio enclosures as a subwoofer.



* Please inquire about alternative impedances.

** Multiple units exceed published rating evaluated under EIA 426A noise source and test standard while in a free-air, nontemperature-controlled environment.

*** The average output across the usable frequency range when applying 1W/1m into the nominal impedance. I.e: 2.83 V/8 ohms, 4 V/16 ohms.

Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. X 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Hafler P1500 Trans-Nova amplifier | 2700 cu.ft. chamber with fiberglass on all six surfaces (three with custom-made wedges)