

Specification

Nominal Basket Diameter	10", 254mm
Nominal Impedance*	4 ohms
Power Rating**	
Watts	250W
Music Program	
Resonance	48Hz
Usable Frequency Range***	49Hz-3.4kHz
Sensitivity	93
Magnet Weight	34oz
Gap Height	.32", 8.00mm
Voice Coil Diameter	2.0", 50.8mm

Thiele & Small Parameters

Resonant Frequency (fs)	48Hz
DC Resistance (Re)	3.1
Coil Inductance (Le)	.56mH
Mechanical Q (Qms)	6.34
Electromagnetic Q (Qes)	0.45
Total Q (Qts)	0.42
Compliance Equivalent Volume (Vas)	69.49 ltr./2.45cuft
Peak Diaphragm Displacement Volume (Vd)	138.60cc
Mechanical Compliance of Suspension (Cms)	.39mm/N
BL Product (BL)	7.8 T-M
Diaphragm Mass inc. Airload (Mms)	28.4 grams
Efficiency Bandwidth Product (EBP)	107
Maximum Linear Excursion (Xmax)	3.9mm
Surface Area of Cone (Sd)	355.4cm ²
Maximum Mechanical Limit (Xlim)	8.0mm

Mounting Information

Recommended Enclosure Volume	
Sealed	17-24 liters / .6-.85 cuft
Vented	31-71 liters / 1-3 cuft
Overall Diameter	10.11", 256.79mm
Baffle Hole Diameter	9.13", 231.90mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	.23", 5.84mm
Mounting Holes B.C.D.	9.69", 246.13mm
Depth	4.00", 101.60mm
Net Weight	6.90 lbs, 3.13 kg
Shipping Weight	

Materials of Construction

Coil Construction	Copper
Coil Former	Polyimide
Magnet Composition	Ferrite
Motor Details	Vented w/Extended Core Bumped BackPlate
Basket Material	Steel
Cone Composition	Treated paper
Cone Edge Composition	Sealed Cloth
Dust Cap Composition	Treated Paper





EBG-S2010-4

Bass Guitar, MI, and PA applications where you need a four ohm driver.



* Please inquire about alternative impedances.

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

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

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 | 2ft. X 2ft. 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)