

## Specification

Nominal Basket Diameter	8-3/16", 209mm
Nominal Impedance	8-Ohms
Power Rating	80 Watts
Resonance	395Hz
Usable Frequency Range	395Hz - 5kHz
Sensitivity	96.3 dB
Magnet Weight	42.2 oz.
Voice Coil Diameter	1.5" 38.6mm

## Thiele & Small Parameters

Resonant Frequency (fo)	395Hz $\pm$ 15%
DC resistance (Re)	6.5 Ohms
Coil Inductance (Le)	367.888m mH
Mechanical Q (Qms)	3.896
Electromagnetic Q (Qes)	1.662
Total Q (Qts)	1.165
Compliance Equivalent Volume (Vas)	.75 liters / .0624 cu.ft.
Mechanical Compliance of Suspension (Cms)	11.806mm/N
BL Product (BL)	11.557 T-M
Diaphragm Mass (Mmd)	12.001 grams
Maximum Linear Excursion (Xmax)	1.6 mm
Surface Area of Cone (Sd)	211.241 cm

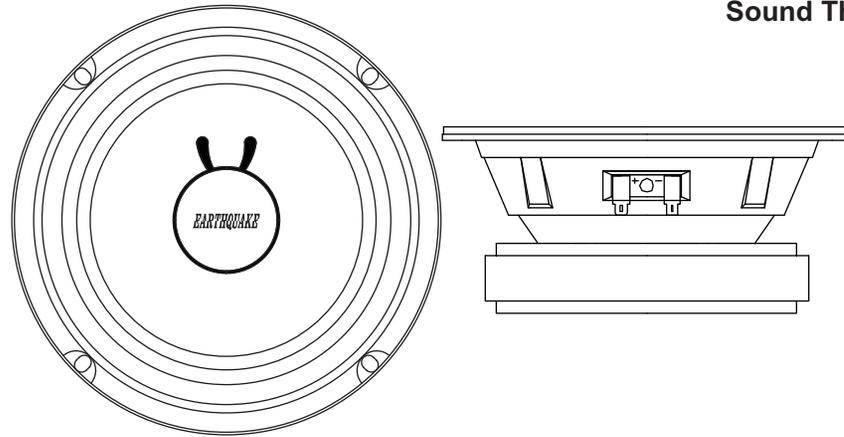
## Mounting Information

Recommended Enclosure Volume	
Sealed	liters/ ft3
Vented	liters/ ft3
Overall Diameter	8 3/16", 209mm
Cut Out Diameter	7 1/8", 181mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	4-5.5 x 10mm
Depth	2-15/16", 88mm

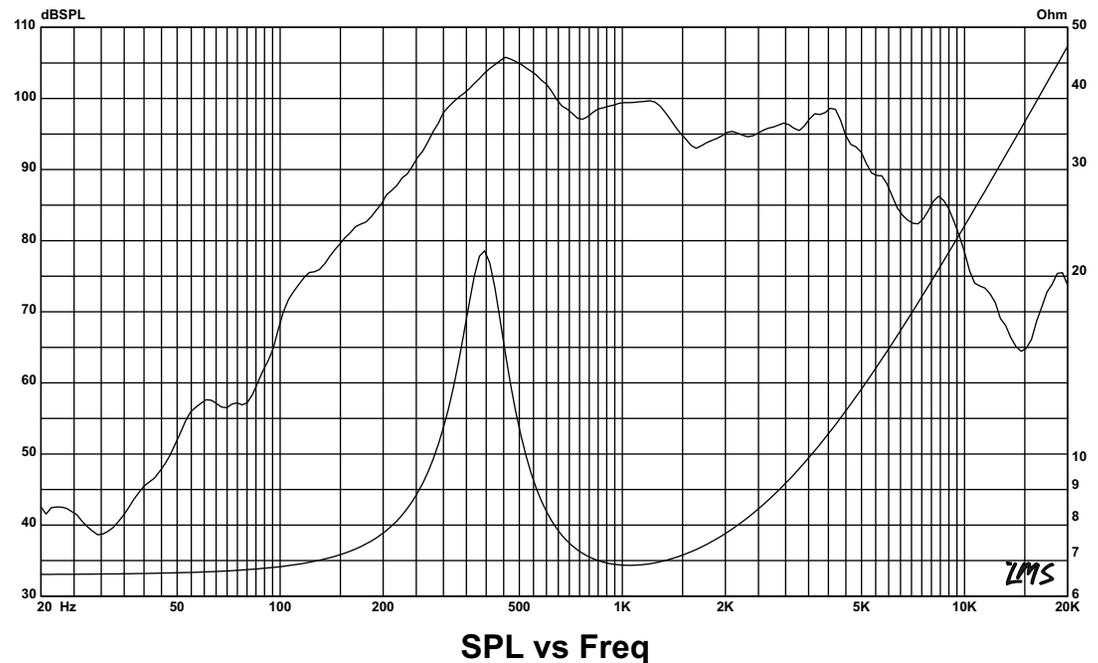
## Materials of Construction

Copper voice coil  
Polyimide former  
Ferrite magnet  
Vented and extended core  
Stamped steel basket  
Paper cone  
Cloth surround  
Solid composition paper dust cap

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## Earthquake EQ8S8 Pro Audio Series



Earthquake Sound Corporation  
2727 McCone Avenue • Hayward, CA 94545 • phone: 800-576-7944  
fax: 510-732-1095 • www.earthquakesound.com