

## Specification

Nominal Basket Diameter	6.5", 165.1mm
Nominal Impedance	4-Ohms
Power Rating	50 Watts
Resonance	112Hz ±15%
Usable Frequency Range	112Hz - 10kHz
Sensitivity	92 dB
Magnet Weight	17.7 oz.
Voice Coil Diameter	1 1/5", 35.5mm

## Thiele & Small Parameters

Resonant Frequency (Fo)	112.338 Hz
DC resistance (Re)	3.8-Ohms
Coil Inductance (Le)	274.310 mH
Mechanical Q (Qms)	4.328
Electromagnetic Q (Qes)	0.887
Total Q (Qts)	0.303
Compliance Equivalent Volume (Vas)	3.738 liters/ft3
Mechanical Compliance of Suspension (Cms)	142.372mm/N
BL Product (BL)	8.024 T-M
Diaphragm Mass (Mmd)	13.188 grams
Maximum Linear Excursion (Xmax)	4 mm
Surface Area of Cone (Sd)	138.343 sqM

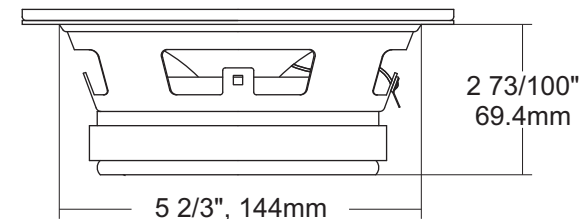
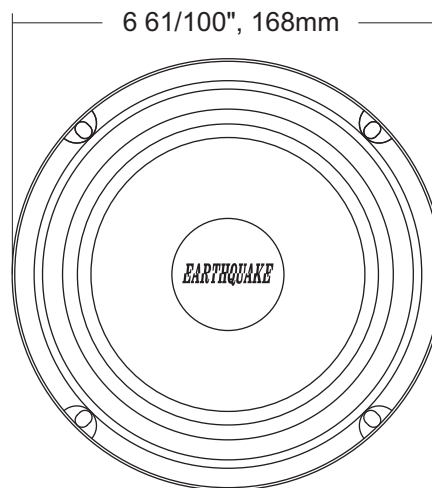
## Mounting Information

Recommended Enclosure Volume	
Sealed	2.8-5.7 liters/0.1-0.2 ft3
Vented	3.4-15.6 liters/0.12-0.55 ft3
Overall Diameter	6 61/100", 168mm
Cut Out Diameter	5 2/3", 144mm
Front Sealing Gasket	fitted as standard
Rear Sealing Gasket	fitted as standard
Mounting Holes Diameter	21/100" x .15", 5.5 x 4mm
Depth	2 73/100", 69.4mm

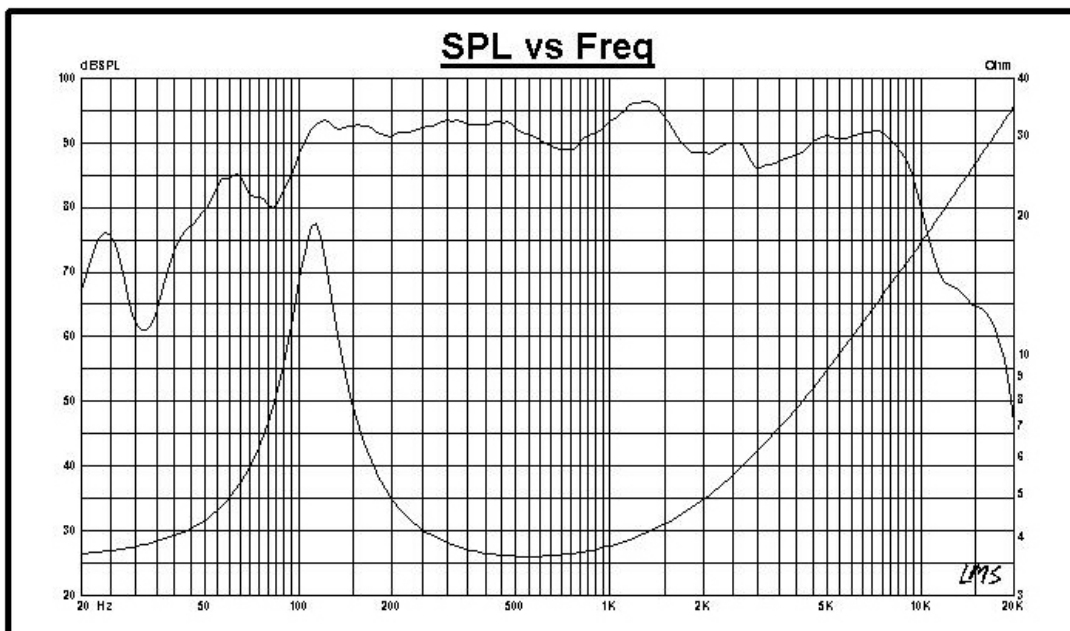
## Materials of Construction

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 EQ6.5 Pro Audio Series



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