



## KAPPA PRO 15

Nominal Basket Diameter	15", 381mm
Impedance	8 ohms
Power Rating	500Wrms
Resonance	47Hz
Usable Frequency Range	40Hz - 4kHz
Sensitivity	<a href="#">see chart on web</a>
Magnet Weight	80oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	3.0", 76.2mm

### Mounting Information

Recommended Enclosure Volume (vented)	106 - 177 liters 3.75 - 6.25 cu. ft.
Overall Diameter	15.32", 389mm
Baffle Hole Diameter	14.0", 355.5mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.275", 7mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.06", 154mm
Shipping Weight	20lbs., 9.1 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	47Hz
Impedance (Re)	5.23 ohms
Coil Inductance (Le)	1.01mH
Electromagnetic Q (Qes)	0.40
Mechanical Q (Qms)	8.01
Total Q (Qts)	0.38
Compliance Equivalent Volume (Vas)	167.7 liters 5.92 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	272cc
Mechanical Compliance of Suspension (Cms)	0.16mm/N
BL Product (BL)	16.6 T-M
Diaphragm Mass inc. Airload (Mms)	72 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	2.62N*sec/M
Efficiency Bandwidth Product (EBP)	117
Voice Coil Overhang (Xmax)	3.2mm
Surface Area of Cone (Sd)	856.3cm <sup>2</sup>
Impedance at Resonance (Zmax)	110 ohms
Maximum Linear Excursion (Xmech)	26.42mm



### Application Notes

For all high power bass applications including bass guitar.

### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 27ga., aluminum voice coil for lower mass and increased sensitivity
- Ferrite Magnet
- Vented and extended core for increased power-handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

**Eminence Speaker LLC**  
**P. O. Box 360**  
**Eminence, Kentucky 40019**  
**USA**  
 502.845.5622 phone  
 502.845.5653 fax  
 info@eminence.com  
 www.eminence.com

