

# KAPPA

## KAPPA 15 (4 ohm)

**For all high power bass applications including bass guitar.**

Nominal Basket Diameter	15", 381mm
Impedance	4 ohms
Power Rating	450Wrms
Resonance	31Hz
Usable Frequency Range	30Hz - 2.5kHz
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)	64 - 106 liters 2.25 - 3.75 cu. ft.
Overall Diameter	15.16", 384.9mm
Baffle Hole Diameter	13.77", 349.6mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	14.56", 369.9mm
Depth	6.125", 155mm
Shipping Weight	19.3lbs., 8.8 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	31Hz
Impedance (Re)	3.68 ohms
Coil Inductance (Le)	0.88mH
Electromagnetic Q (Qes)	0.25
Mechanical Q (Qms)	10.14
Total Q (Qts)	0.25
Compliance Equivalent Volume (Vas)	11.65 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	131cc
Mechanical Compliance of Suspension (Cms)	0.35mm/N
BL Product (BL)	14.7 T-M
Diaphragm Mass inc. Airload (Mms)	77 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	1.47N*sec/M
Efficiency Bandwidth Product (EBP)	121
Voice Coil Overhang (Xmax)	1.6mm
Surface Area of Cone (Sd)	823.7cm <sup>2</sup>
Impedance at Resonance (Zmax)	151 ohms



### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 28ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented core for increased power-handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

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