

## PROFESSIONAL SERIES

# KAPPA PRO-15A

Recommended for professional audio in a vented midbass or bass enclosure. Also suitable for bass guitar.

- 1000 W Program Power
- 15" Nominal Diameter
- 8  $\Omega$

APPLICATION		ENCLOSURE	
Midrange	<input type="checkbox"/>	Sealed Box	<input type="checkbox"/>
Midbass	<input checked="" type="checkbox"/>	Vented Box	<input checked="" type="checkbox"/>
Woofer	<input checked="" type="checkbox"/>	Scoop Loading	<input checked="" type="checkbox"/>
Subwoofer	<input type="checkbox"/>	Horn Loading	<input type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>		

### SPECIFICATION

Nominal Basket Diameter	15", 381 mm
Nominal Impedance*	8 $\Omega$
Power Rating*	
Program Power	1000 W
Nominal Power	500 W
Resonance	47 Hz
Usable Frequency Range	46 Hz – 4 kHz
Sensitivity*	101 dB
Magnet Weight	80 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

### MATERIALS OF CONSTRUCTION

Aluminum voice coil  
 Polyimide former  
 Ferrite magnet  
 Vented core  
 Die-cast aluminum basket  
 Paper cone  
 Cloth cone edge  
 Solid composition paper dust cap



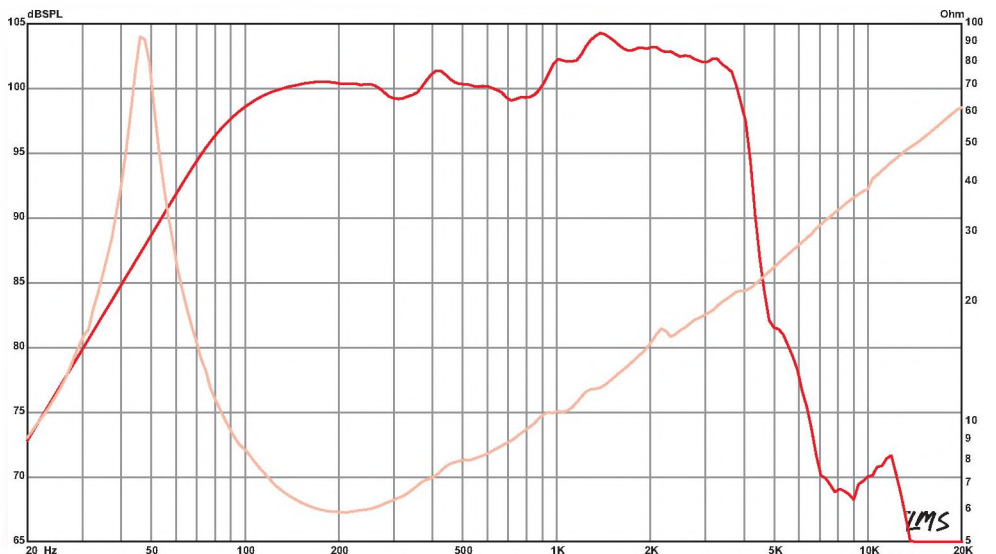
### THIELE & SMALL PARAMETERS

Fs	47 Hz
Re	5.23 $\Omega$
Le	1.01 mH
Qms	8.01
Qes	0.4
Qts	0.38
Vas	5.92 cu.ft., 167.7 liters
Vd	274 cc
Cms	0.16 mm/N
BL	16.6 T-M
Mms	72 grams
EBP	118
Xmax	3.2 mm
Sd	856.3 cm <sup>2</sup>
Xlim	13.2 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	N/A
Vented	54–184 liters, 1.9–6.5 cu.ft.
Driver Volume Displaced	0.138 cu.ft., 3.92 liters
Overall Diameter	15.32", 389.1 mm
Baffle Hole Diameter	14", 355.6 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.28", 7.1 mm
Mounting Holes B.C.D.	14.56", 369.8 mm
Depth	6.06", 153.9 mm
Net Weight	16.9 lbs , 7.67 kg
Shipping Weight	19.5 lbs , 8.85 kg

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



\* See footnotes on page 155 for information regarding usable frequency range, nominal impedance, power rating and sensitivity.