

PROFESSIONAL SERIES

KAPPA PRO-12A

High efficiency pro audio driver for vented midbass, and vented bass enclosures.

- 1000 W Program Power
- 12" Nominal Diameter
- 8 Ω

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 type="checkbox"/>	

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	1000 W
Nominal Power	500 W
Resonance	37 Hz
Usable Frequency Range	57 Hz – 2.8 kHz
Sensitivity*	97.1 dB
Magnet Weight	80 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	3", 76 mm

MATERIALS OF CONSTRUCTION

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



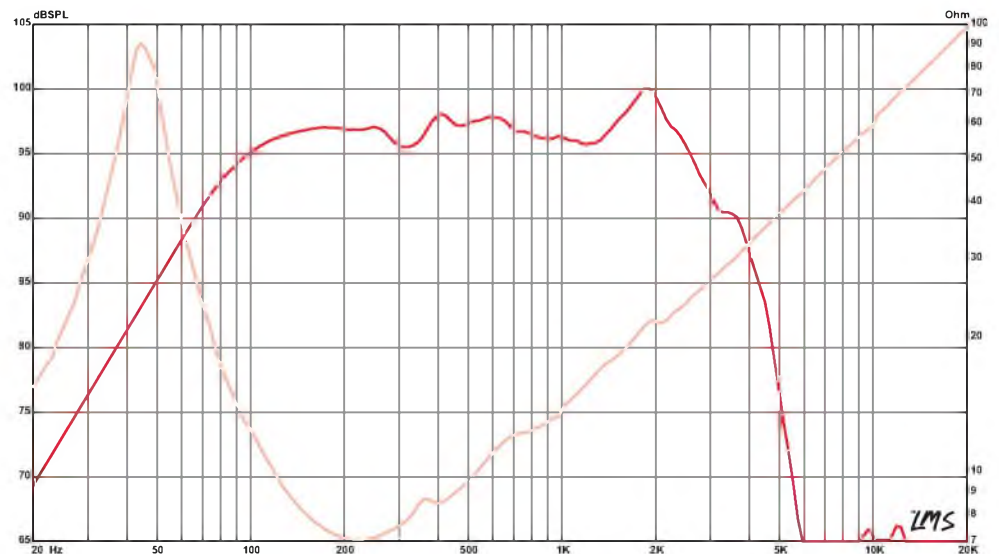
THIELE & SMALL PARAMETERS

Fs	37 Hz
Re	5.46 Ω
Le	1.22 mH
Qms	6.93
Qes	0.25
Qts	0.24
Vas	4.27 cu.ft., 121 liters
Vd	249 cc
Cms	0.32 mm/N
BL	17.3 T-M
Mms	59 grams
EBP	148
Xmax	4.8 mm
Sd	519.5 cm ²
Xlim	14.8 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	N/A
	Vented	17–34 liters, 0.6–1.2 cu.ft.
Driver Volume Displaced		0.09 cu.ft., 2.55 liters
Overall Diameter		12.38", 314.5 mm
Baffle Hole Diameter		11.07", 281.2 mm
Front Sealing Gasket		Yes
Rear Sealing Gasket		Yes
Mounting Holes Diameter		0.27", 6.9 mm
Mounting Holes B.C.D.		11.69", 296.9 mm
Depth		6.22", 158 mm
Net Weight		16.6 lbs, 7.53 kg
Shipping Weight		18.4 lbs, 8.35 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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