

## Product Details

Brand	Eminence Speaker
Model	Kappa Pro-12A
Part Number	290-424
UPC	876358000364
Unit of Measure	Each
Weight	17.71

## Product Specifications

Nominal Diameter	12"
Moving Mass Of Diaphragm (Mmd)	59
Power Handling (RMS)	500 Watts
Power Handling (MAX)	1000 Watts
Impedance	8Ω
Frequency Response	57 to 2,800Hz
Sensitivity	97.1dB 2.83V/1m
Voice Coil Diameter	3"

## Thiele-Small Parameters

Resonant Frequency (Fs)	37Hz
DC Resistance (Re)	5.46Ω
Voice Coil Inductance (Le)	1.22mH
Mechanical Q (Qms)	6.93
Electromagnetic Q (Qes)	0.25
Total Q (Qts)	0.24
Compliance Equivalent Volume (Vas)	4.27ft <sup>3</sup>

## Thiele-Small Parameters

Mechanical Compliance of Suspension (Cms)	0.32mm/N
BL Product (BL)	17.3T·m
Maximum Linear Excursion (Xmax)	4.8mm
Surface Area of Cone (Sd)	519.5cm <sup>2</sup>

## Materials of Construction

Cone Material	Paper
Surround Material	Cloth
Voice Coil Wire Material	Copper
Voice Coil Former	Kapton® / Polyimide
Basket / Frame Material	Cast Aluminum
Magnet Material	Ferrite

## Mounting Information

Overall Outside Diameter	12.38"
Baffle Cutout Diameter	11.07"
Depth	6.22"
# Mounting Holes	8

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Sealed Volume	0.34ft <sup>3</sup>
Sealed F3	132Hz

Optimum Cabinet Size (determined using BassBox 6 Pro High Fidelity suggestion)

Vented Volume	0.75ft <sup>3</sup>
Vented F3	85Hz