

PROFESSIONAL SERIES

DELTA PRO-12A

Recommended for professional audio in both sealed and vented enclosures. Ideal for full-range, mid/hi, and monitor wedges. Super clean and highly sensitive, it's also a popular choice for guitar.

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

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

SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	800 W
Nominal Power	400 W
Resonance	51 Hz
Usable Frequency Range	52 Hz – 4.5 kHz
Sensitivity*	99.2 dB
Magnet Weight	80 oz.
Gap Height	0.375", 9.5 mm
Voice Coil Diameter	2.5", 64 mm

MATERIALS OF CONSTRUCTION

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



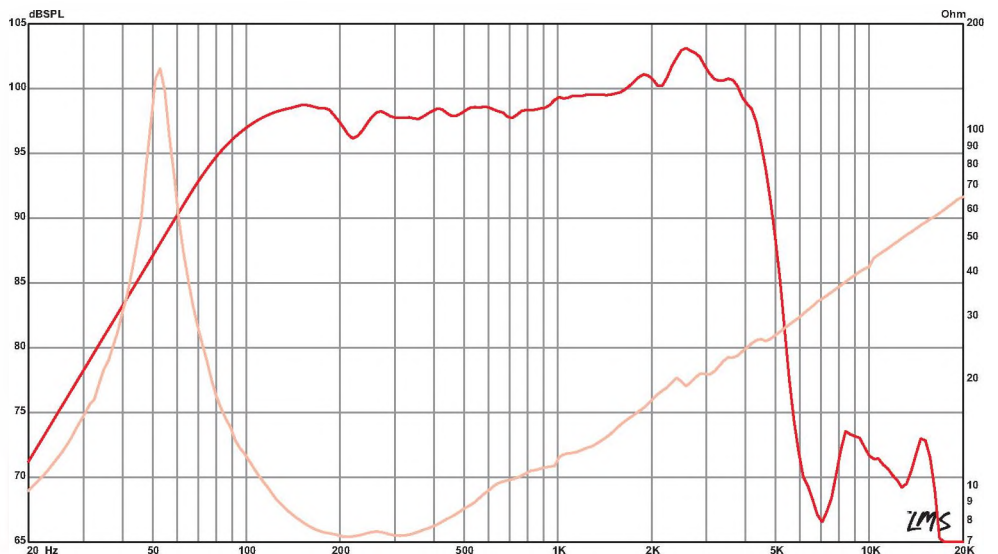
THIELE & SMALL PARAMETERS

Fs	51 Hz
Re	5.71 Ω
Le	0.84 mH
Qms	7.56
Qes	0.37
Qts	0.35
Vas	2.89 cu.ft., 81.7 liters
Vd	242 cc
Cms	0.21 mm/N
BL	15.3 T-M
Mms	48 grams
EBP	138
Xmax	4.6 mm
Sd	532.4 cm ²
Xlim	13.7 mm

MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	28–35 liters,
		1–1.25 cu.ft.
Vented		31–91 liters,
		1.1–3.2 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		16.3 lbs , 7.39 kg
Shipping Weight		18 lbs , 8.16 kg

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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