

PROFESSIONAL SERIES

DELTA PRO 12-450

The Delta Pro 12-450 is a lighter weight version of the Delta Pro 12. Recommended as a woofer or midbass in vented enclosures. Also makes a perfect replacement in many portable PA cabinets.

- **750 W** Program Power
- **12"** Nominal Diameter
- **8 or 4 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 type="checkbox"/>
Subwoofer	<input type="checkbox"/>	Horn Loading	<input checked="" type="checkbox"/>
Bass Guitar	<input checked="" type="checkbox"/>		



SPECIFICATION

Nominal Basket Diameter	12", 305 mm
Nominal Impedance*	8 or 4 Ω
Power Rating*	
Program Power	750 W
Nominal Power	375 W
Resonance	44 Hz
Usable Frequency Range	44 Hz – 4 kHz
Sensitivity*	99.8 dB
Magnet Weight	56 oz.
Gap Height	0.313", 7.9 mm
Voice Coil Diameter	2.5", 64 mm

THIELE & SMALL PARAMETERS

Fs	44 Hz
Re	5.04 Ω
Le	0.54 mH
Qms	7.59
Qes	0.39
Qts	0.37
Vas	5 cu.ft., 141.66 liters
Vd	271.5 cc
Cms	0.36 mm/N
BL	11.47 T-M
Mms	36 grams
EBP	115
Xmax	5.1 mm
Sd	532.4 cm ²
Xlim	13.7 mm

MOUNTING INFORMATION

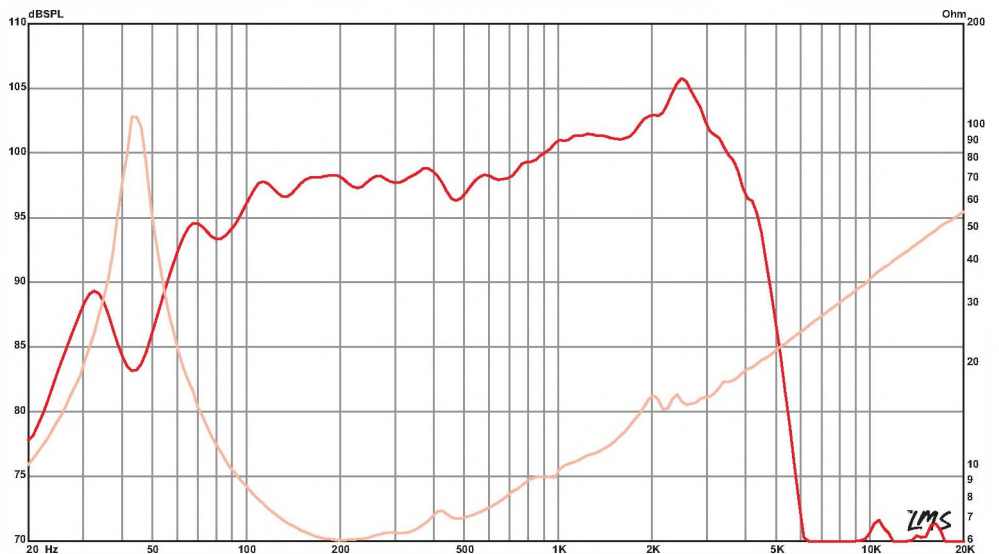
Recommended Enclosure Volume	
Sealed	N/A
Vented	36.81–93.45 liters, 1.3–3.5 cu.ft.
Driver Volume Displaced	0.079 cu.ft., 2.25 liters
Overall Diameter	12.38", 314.5 mm
Baffle Hole Diameter	11.07", 281.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.27", 6.9 mm
Mounting Holes B.C.D.	11.57", 293.9 mm
Depth	5.5", 139.7 mm
Net Weight	11.7 lbs, 5.31 kg
Shipping Weight	14 lbs, 6.35 kg

MATERIALS OF CONSTRUCTION

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



FREQUENCY RESPONSE & IMPEDANCE CURVE*



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