

## PROFESSIONAL SERIES

# DELTA PRO-18A

Long throw subwoofer for very small vented boxes. Over-sized top plate and large pole vent help keep the coil cool.

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

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

### SPECIFICATION

Nominal Basket Diameter	18", 457 mm
Nominal Impedance*	8 or 4 $\Omega$
Power Rating*	
Program Power	1000 W
Nominal Power	500 W
Resonance	28 Hz
Usable Frequency Range	37 Hz – 0.2 kHz
Sensitivity*	96 dB
Magnet Weight	67 oz.
Gap Height	0.38", 9.7 mm
Voice Coil Diameter	2.5", 64 mm

### MATERIALS OF CONSTRUCTION

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



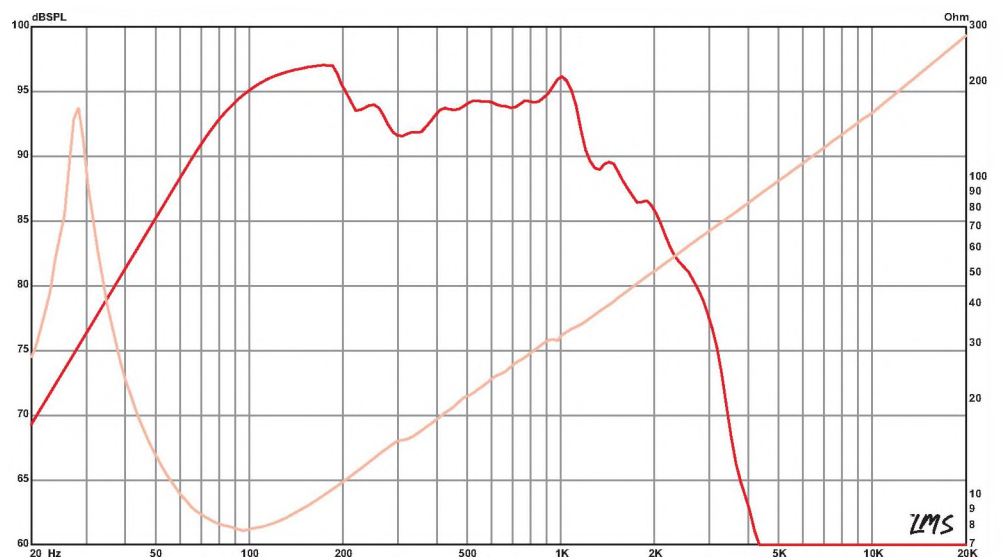
### THIELE & SMALL PARAMETERS

Fs	28 Hz
Re	5.3 $\Omega$
Le	3.43 mH
Qms	10.38
Qes	0.33
Qts	0.32
Vas	17.42 cu.ft., 493.2 liters
Vd	796 cc
Cms	0.25 mm/N
BL	18.9 T-M
Mms	128 grams
EBP	84
Xmax	6.7 mm
Sd	1188 cm <sup>2</sup>
Xlim	15 mm

### MOUNTING INFORMATION

Recommended Enclosure Volume	Sealed	N/A
	Vented	85–297 liters, 3–10.5 cu.ft.
Driver Volume Displaced	0.212 cu.ft., 6.01 liters	
Overall Diameter	18", 457.2 mm	
Baffle Hole Diameter	16.57", 420.9 mm	
Front Sealing Gasket	Yes	
Rear Sealing Gasket	Yes	
Mounting Holes Diameter	0.28", 7.1 mm	
Mounting Holes B.C.D.	17.25", 438.2 mm	
Depth	8.13", 206.5 mm	
Net Weight	17 lbs., 7.71 kg	
Shipping Weight	20.5 lbs., 9.3 kg	

### FREQUENCY RESPONSE & IMPEDANCE CURVE\*



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