BETA-10CX

Recommended for professional audio vocal wedges, or midbass in a sealed enclosure. Also works well in a vented enclosure as a satellite or monitor.

- **500 W** Program Power
- **10"** Nominal Diameter
- **8 Ω**

APPLICATION		ENCLOSURE	
Midrange	✔	Sealed Box	✔
Midbass	✔	Vented Box	✔
Woofer	✔	Scoop Loading	
Subwoofer		Horn Loading	
Bass Guitar			

The data for this coaxial woofer was calculated with the ASD:1001 driver screwed into the woofer, but not active.

SPECIFICATION

Nominal Basket Diameter	10", 254 mm
Nominal Impedance*	8 Ω
Power Rating*	
Program Power	500 W
Nominal Power	250 W
Resonance	49 Hz
Usable Frequency Range	60 Hz – 4 kHz
Sensitivity*	94.3 dB
Magnet Weight	38 oz.
Gap Height	0.312", 7.9 mm
Voice Coil Diameter	2", 51 mm

THIELE & SMALL PARAMETERS

Fs	49 Hz
Re	5.48 Ω
Le	0.67 mH
Qms	6.16
Qes	0.41
Qts	0.38
Vas	2.16 cu.ft., 61.1 liters
Vd	172.5 cc
Cms	0.37 mm/N
BL	10.88 T-M
Mms	29 grams
EBP	120
Xmax	5 mm
Sd	344.9 cm2
Xlim	7.6 mm

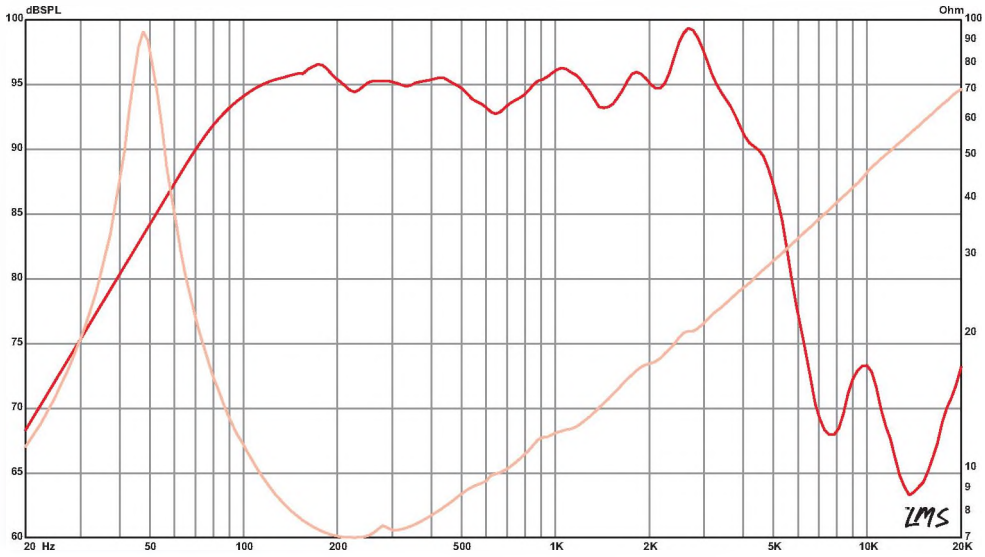
MOUNTING INFORMATION

Recommended Enclosure Volume	
Sealed	14.16–42.48 liters, 0.5–1.5 cu.ft.
Vented	15.29–87.78 liters, 0.54–3.1 cu.ft.
Driver Volume Displaced	0.041 cu.ft., 1.17 liters
Overall Diameter	10.08", 256 mm
Baffle Hole Diameter	9.18", 233.2 mm
Front Sealing Gasket	Yes
Rear Sealing Gasket	Yes
Mounting Holes Diameter	0.25", 6.4 mm
Mounting Holes B.C.D.	9.66", 245.4 mm
Depth	3.98", 101.1 mm
Net Weight	7.3 lbs , 3.31 kg
Shipping Weight	8.4 lbs , 3.81 kg

MATERIALS OF CONSTRUCTION

- Copper voice coil
- Kapton former
- Ferrite magnet
- Tapered Coax
- Pressed steel basket
- Paper cone
- Cloth cone edge
- Zurette dust cap

FREQUENCY RESPONSE & IMPEDANCE CURVE*



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