

## BETA 10CX

Nominal Basket Diameter	10", 254mm
Impedance	8 ohms
Power Rating	250Wrms
Resonance	38Hz
Usable Frequency Range	35Hz - 20kHz
(with APT-50 and pxb2:3k5)	
Sensitivity	<a href="#">see chart on web</a>
Magnet Weight	38oz.
Gap Height	0.312", 7.94mm
Voice Coil Diameter	2", 50.8mm

### Mounting Information

Recommended Enclosure Volume (vented)	37 - 62 liters 1.3 - 2.2 cu. ft.
Overall Diameter	10.08", 256.1mm
Baffle Hole Diameter	9.05", 229.7mm
Front Sealing Gasket	<i>fitted as standard</i>
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	0.25", 6.4mm
Mounting Holes B.C.D.	9.66", 245.4mm
Depth	3.98", 101.1mm
Shipping Weight	8.4lbs., 3.8 kg.

### Thiele-Small Parameters

Resonant Frequency (fs)	38Hz
Impedance (Re)	5.64 ohms
Coil Inductance (Le)	0.99mH
Electromagnetic Q (Qes)	0.29
Mechanical Q (Qms)	10.34
Total Q (Qts)	0.29
Compliance Equivalent Volume (Vas)	131 liters 4.63 cu. ft.
Peak Diaphragm Displacement Volume (Vd)	104cc
Mechanical Compliance of Suspension (Cms)	0.78mm/N
BL Product (BL)	10.1 T-M
Diaphragm Mass inc. Airlod (Mms)	22 grams
Equiv. Resistance of Mechanical Suspension Loss (Rms)	0.51N*sec/M
Efficiency Bandwidth Product (EBP)	131
Voice Coil Overhang (Xmax)	3.0mm
Surface Area of Cone (Sd)	344.9cm <sup>2</sup>
Impedance at Resonance (Zmax)	204 ohms
Maximum Linear Excursion (Xmech)	15.24mm

**Eminence Speaker LLC**  
**P. O. Box 360**  
**Eminence, Kentucky 40019**  
**USA**  
**502.845.5622 phone**  
**502.845.5653 fax**  
**info@eminence.com**  
**www.eminence.com**



### Application Notes

The Beta 10CX is a coaxial speaker to which a compression driver must be attached. Eminence recommends the APT-50 supertweeter with the APT-3 adaptor and the pxb2:3k5 2-way crossover with this product (not included). Ideal for full-range, near field and monitoring applications.

### Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 30ga., copper voice coil for improved power handling and durability.
- Ferrite Magnet
- Extended core for increased power handling
- Premium pressed steel basket for maximum strength
- Paper cone
- Cloth cone edge
- Screened cloth dust cap
- Aluminum horn

