PROFESSIONAL LOUDSPEAKERS

W10N8-200

10" - 200 W - 97 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	250 mm (10 in)
Overall Diameter	261 mm (10.28 in)
Bolt Circle Diameter	246 mm (9.69 in)
Baffle Cutout Diameter	230 mm (9.06 in)
Depth	115.3 mm (4.54 in)
Flange and Gasket Thickness	12.2 mm (0.48 in)
Net Weight	**2.1 kg (4.62 lb)**
Shipping Box (Single Carton Box)	305 x 305 x 185 mm (12.0 x 12.0 x 7.3 in)
Shipping Weight	2.8 kg (6.16 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	6.3 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**97 dB**
Frequency Range	60÷5000 Hz
Voice Coil Diameter	**65 mm (2.5 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	12.5 mm (0.49 in)
Magnetic Gap Depth	**8 mm (0.31 in)**
Flux Density	1.2 T

THIELE & SMALL PARAMETERS

Fs	60 Hz
Re	5.4 Ohm
Qes	0.37
Qms	6.21
Qts	0.35
Vas	29.5 dm^3 (1.04 ft^3)
Sd	319 cm^2 (49.4 in^2)
Xmax **(3)**	4.92 mm
Xdamage **(4)**	12.5 mm
Mms	34.4 g
Bl	13.8 N/A
Le	0.56 mH
Mmd	31.2 g
Cms	0.20 mm/N
Rms	2.09 kg/s
Eta Zero	1.7 %

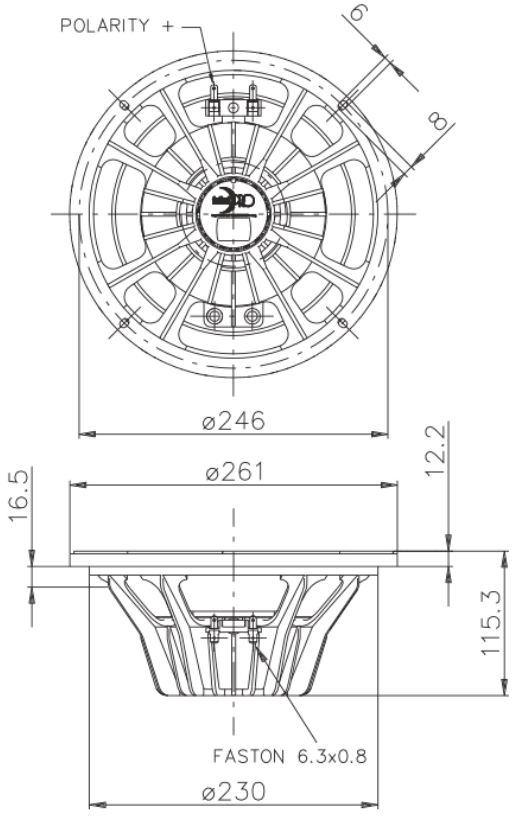
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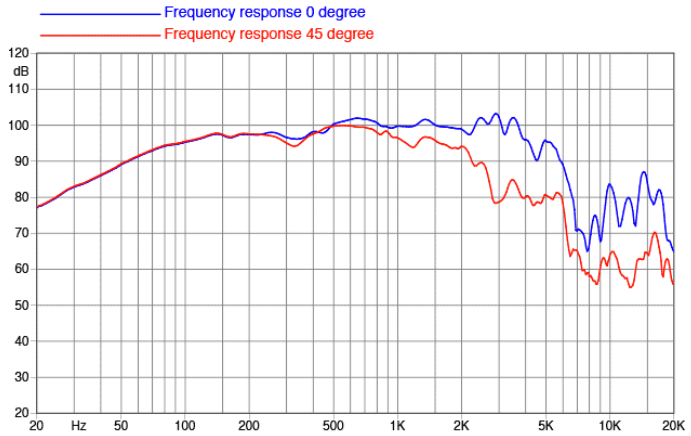
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

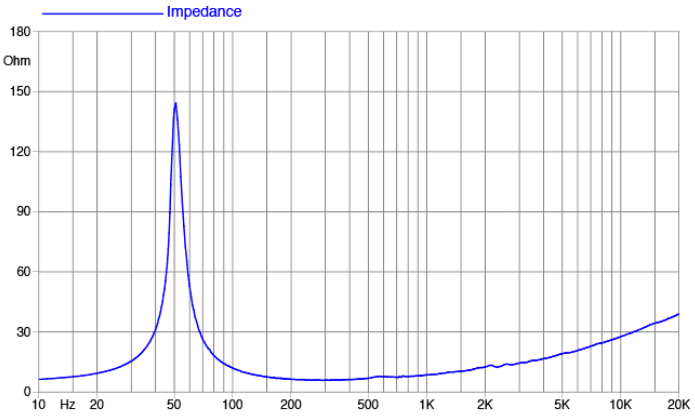
(2) Maximum power is defined as 3dB greater than nominal power.

(3) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)

(4) Maximum excursion before permanent damage







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