PROFESSIONAL LOUDSPEAKERS

W8N8-200

8" - 200 W - 92dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	200 mm (8 in)
Overall Diameter	223.75/207.9 mm (8.81/8.18 in)
Bolt Circle Diameter	210 mm (8.27 in)
Baffle Cutout Diameter	183 mm (7.20 in)
Depth	116.7 mm (4.59 in)
Flange and Gasket Thickness	10.7 mm (0.42 in)
Net Weight	**1.8 kg (4.0 lb)**
Shipping Box (Single Carton Box)	235 x 235 x 155 mm (9.3 x 9.3 x 6.1 in)
Shipping Weight	2.6 kg (5.7 lb)

TECHNICAL PARAMETERS

Nominal Impedance	8 Ohm
Minimum Impedance	5.9 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**92 dB**
Frequency Range	80÷5000 Hz
Voice Coil Diameter	**52 mm (2 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	19.3 mm (0.76 in)
Magnetic Gap Depth	**7 mm (0.27 in)**
Flux Density	1.05 T
Magnet	Neodymium Slug
Basket Material	Aluminum
Demodulation	No
Cone Surround **(3)**	Triple Roll
NET Air Volume filled by Loudspeaker	1 dm^3 (0.035 ft^3)
Spider Profile	1x variable height waves

THIELE & SMALL PARAMETERS

Fs	74 Hz
Re	5.1 Ohm
Qes	0.69
Qms	5.3
Qts	0.61
Vas	9 dm^3 (0.32 ft^3)
Sd	177 cm^2 (27.44 in^2)
Xmax **(4)**	8.48 mm
Xdamage **(5)**	12.9 mm
Mms	23.0 g
Bl	8.9 N/A
Le	0.6 mH
Mmd	21.6 g
Cms	0.20 mm/N
Rms	2 kg/s
Eta Zero	0.50 %
EBP	107 Hz

NOTES:

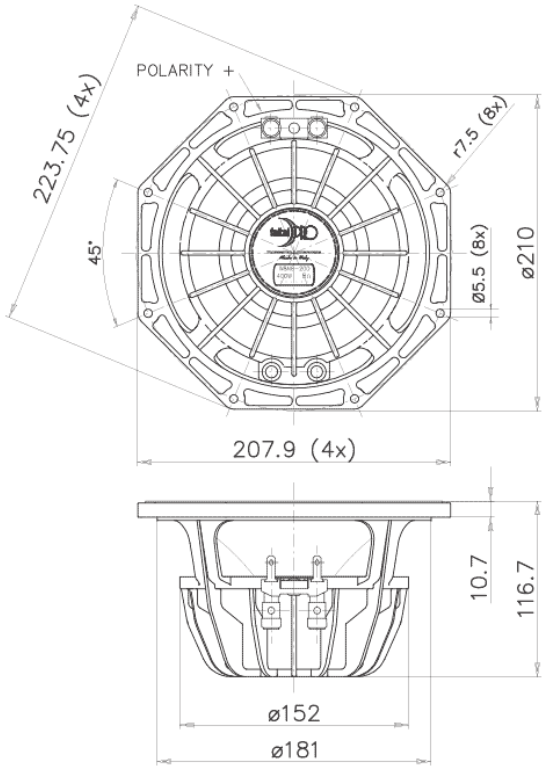
(1) 2 Hours Test According to AES 2-1984 Rev. 2003

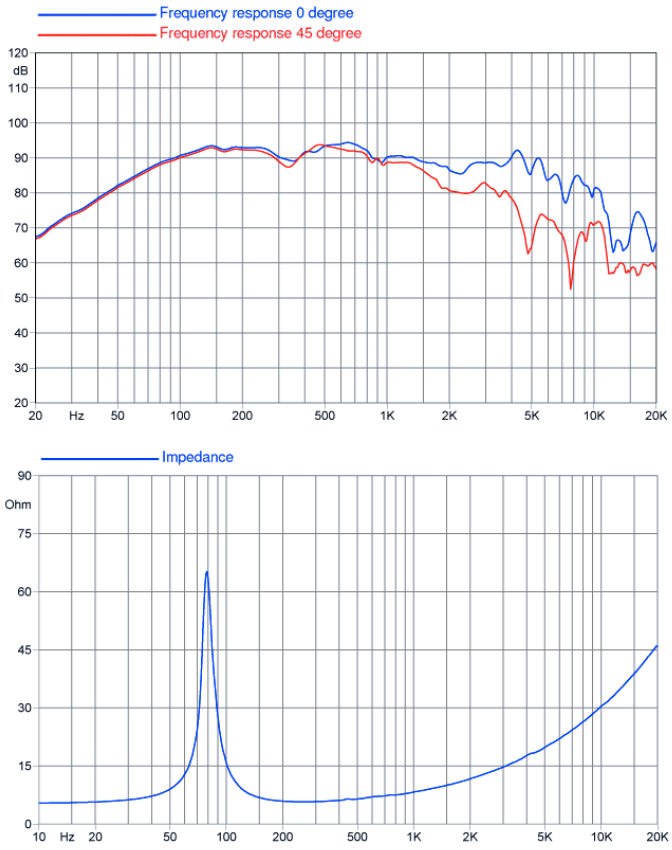
(2) Maximum power is defined as 3dB greater than nominal power.

(3) Treated Polycotton

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

(5) Maximum excursion before permanent damage





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