

BIANCO-8MW125

8" - Midwoofer - 125W - 97dB

AUDIENCE

- Proprietary cone paper material made in-house
- 2" voice coil with APC (Advanced Polymer Coating)
- Vented back plate for reduced compression
- CCAW voice coil wire for reduced moving mass
- Minimum damping fiber glass voice coil former
- Long life silver lead wires



Dimensions & Weight

Overall Diameter	205.6 mm (8.09 in)
Bolt Circle Diameter	195.0 mm (7.68 in)
Baffle Cutout Diameter	179.6 mm (7.07 in)
Mounting Depth	99 mm (3.89 in)
Flange and Gasket Thickness	9.15 mm (0.36 in)
Net Weight	3.47 Kg (7.65 lb)
Shipping Box	233 x 233 x 140 mm (9.17 x 9.17 x 5.51 in)
Gross Weight	3.92 Kg (8.64 lb)

Replacement Diaphragm

N/A

NOTES :

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the F_0 to $10F_0$ power calculated on rated nominal impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) $X_{max} = ((\text{Winding depth} - \text{magnetic gap depth})/2) + (\text{magnetic gap depth}/3)$
- (4) Maximum excursion (p-p) before permanent damage
- (5) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.6 Ohm
AES Power Handling (1)	125 W
Maximum Power Handling (2)	250 W
Sensitivity (1W/1m)	97 dB
Frequency Range	89 - 7400 Hz
Voice Coil Diameter	49.5 mm (2 in)
Winding Material	Copper clad aluminium
Former Material	Till
Winding Depth	15.5 mm
Magnetic Gap Depth	8 mm (0.31 in)
Flux Density	1.23 T
Magnet	Ferrite
Basket Material	Stamped steel
Demodulation	-
Cone Surround	Double half roll with damping glue
NET Air Volume filled by driver	1.54 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

Thiele Small Parameters

F_s	89 Hz
R_e	5.8 Ohm
Q_{es}	0.57
Q_{ms}	14.63
Q_{ts}	0.55
V_{as}	10.1 liters
S_d	224.3 cm ²
X_{max} (3)	6.42 mm
X_{damage} (4)	15 mm
M_{ms}	22.8 g
BI	11.3 Tm
L_e	0.5 mH
C_{ms}	0.14 mm/N
R_{ms}	0.87 Kg/s
η_{Zero}	1.19 %
EBP	156

