

BIANCO-15MW500

15" - Midwoofer - 1000W - 98dB

AUDIENCE



- Smooth response with excellent midrange
- Vented pole piece for reduced compression
- Minimum damping fiber glass voice coil former
- 3" voice coil with APC (Advanced Polymer Coating)
- Weather-proof coated paper cone made in house with silk cotton tree and manila pulp

Dimensions & Weight

Overall Diameter	385.5 mm (15.18 in)
Bolt Circle Diameter	369.5 mm (14.55 in)
Baffle Cutout Diameter	358 mm (14.09 in)
Mounting Depth	165.5 mm (6.51 in)
Flange and Gasket Thickness	8.9 mm (0.35 in)
Net Weight	7.5 Kg (16.5 lb)
Shipping Box	428 x 428 x 209 mm (16.8 x 16.8 x 8.2 in)
Gross Weight	9.3 Kg (20.5 lb)

Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	6.1 Ohm
AES Power Handling (1)	500 W
Maximum Power Handling (2)	1000 W
Sensitivity (1W/1m) (3)	98 dB
Frequency Range	39 - 4300 Hz
Voice Coil Diameter	75.6 mm (3 in)
Winding Material	AISVW
Former Material	Till
Winding Depth	18.6 mm
Magnetic Gap Depth	10 mm (0.4 in)
Flux Density	1.13 T
Magnet	Ferrite
Basket Material	Stamped steel
Demodulation	-
Cone Surround	Double half roll
NET Air Volume filled by driver	6.06 liters
Spider Profile	Progressive height waves
Weather Resistant	Yes

Thiele Small Parameters

Fs	39 Hz
Re	5.3 Ohm
Qes	0.41
Qms	18.1
Qts	0.40
Vas	171 liters
Sd	907 cm ²
Xmax (4)	7.6 mm
Xdamage (5)	36 mm
Mms	110 g
Bl	18.8 Tm
Le	1.04 mH
Cms	0.15 mm/N
Rms	1.5 Kg/s
Eta Zero	2.47 %
EBP	95

NOTES :

- (1) AES standard, test mode with continuous pink noise signal (6 dB crest factor; 2 hours) within the Fo to 10Fo power calculated on rated nominal impedance. Loudspeaker in free air
- (2) Maximum power is defined as 3dB greater than nominal power.
- (3) Measured average within the frequency range (100Hz - 1.5kHz)
- (4) Xmax= ((Winding depth - magnetic gap depth)/2) +(magnetic gap depth/3)
- (5) Maximum excursion (p-p) before permanent damage
- (6) T/S parameters measured on drive units that are broken in using Klippel LPM Measurement System.

