

# BIANCO-10MW150

10" - Midwoofer - 150W - 100dB

AUDIENCE

- Proprietary cone paper material with linter pulp
- 2.4" voice coil with APC (Advanced Polymer Coating)
- Vented pole piece for reduced compression
- Minimum damping fiber glass voice coil former
- Weather-proof coated cone paper
- Long life silver lead wires



## Dimensions & Weight

Overall Diameter	258 mm (10.2 in)
Bolt Circle Diameter	248 mm (9.76 in)
Baffle Cutout Diameter	229 mm (9.01 in)
Mounting Depth	114 mm (4.48 in)
Flange and Gasket Thickness	9.12 mm (0.35 in)
Net Weight	4.9 Kg (10.8 lb)
Shipping Box	289 x 289 x 157 mm (11.37 x 11.37 x 6.18 in)
Gross Weight	5.64 Kg (12.43 lb)

## Recone Kit

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	5.2 Ohm
AES Power Handling (1)	150 W
Maximum Power Handling (2)	300 W
Sensitivity (1W/1m)	100 dB
Frequency Range	65 - 5000 Hz
Voice Coil Diameter	60.5 mm (2.4 in)
Winding Material	Copper
Former Material	Till
Winding Depth	13.92 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	3.16 liters
Spider Profile	Single downroll constant height waves
Weather Resistant	Yes

## Thiele Small Parameters

$F_s$	65 Hz
$R_e$	5.1 Ohm
$Q_{es}$	0.4
$Q_{ms}$	12.08
$Q_{ts}$	0.39
$V_{as}$	25.8 liters
$S_d$	366.4 cm <sup>2</sup>
$X_{max}$ (3)	5.63 mm
$X_{damage}$ (4)	20 mm
$M_{ms}$	44.4 g
$B_l$	15.1 Tm
$L_e$	0.64 mH
$C_{ms}$	0.14 mm/N
$R_{ms}$	1.5 Kg/s
$\eta_{Zero}$	1.67 %
EBP	163

