

# BIANCO-15SW400

15" - Subwoofer- 400W - 98dB

AUDIENCE

- Proprietary cone paper material with silk cotton tree
- 4" voice coil with APC (Advanced Polymer Coating)
- Cast aluminium chassis
- Corrugation cone paper for improved durability
- Minimum damping fiber glass voice coil former
- Vented back plate for reduced compression



## Dimensions & Weight

Overall Diameter	394 mm (15.5 in)
Bolt Circle Diameter	375 mm (14.76 in)
Baffle Cutout Diameter	356 mm (14.01 in)
Mounting Depth	133.5 mm (5.94 in)
Flange and Gasket Thickness	17.5 mm (0.68 in)
Net Weight	9.8 Kg (21.60 lb)
Shipping Box	428 x 428 x 209 mm (16.85 x 16.85 x 8.22 in)
Gross Weight	11.6 Kg (25.57 lb)

## Specs :

Nominal Impedance	8 Ohm
Minimum Impedance	5.6 Ohm
AES Power Handling (1)	400 W
Maximum Power Handling (2)	800 W
Sensitivity (1W/1m)	98 dB
Frequency Range	41 - 2500 Hz
Voice Coil Diameter	99.2 mm (4 in)
Winding Material	Copper
Former Material	Till
Winding Depth	21.75 mm
Magnetic Gap Depth	10 mm ( 0.39 in)
Flux Density	1.02 T
Magnet	Ferrite
Basket Material	Aluminium die cast
Demodulation	-
Cone Surround	Double half surround
NET Air Volume filled by driver	4.69 liters
Spider Profile	Single constant height waves
Weather Resistant	Yes

## Thiele Small Parameters

Fs	41 Hz
Re	5.5 Ohm
Qes	0.49
Qms	22.45
Qts	0.48
Vas	111.5 liters
Sd	845 cm <sup>2</sup>
Xmax (3)	9.2 mm
Xdamage (4)	19 mm
Mms	134.1 g
Bl	19.8 Tm
Le	1.29 mH
Cms	0.11 mm/N
Rms	1.55 Kg/s
Eta Zero	1.54 %
EBP	84

## Replacement Diaphragm

1P000OLKL075

## 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) Xmax= ((Winding depth - magnetic gap depth)/2) +(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.

